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AUTHOR Carpenter, Judi  
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ABSTRACT

This report presents preliminary statistics on program completions in accredited institutions of higher education in the United States during academic year 1986-87. The tabular summaries presented in the report are based on data collected through the annual survey of completions which is part of the Integrated Postsecondary Education Data System. The data show the number of students completing academic, vocational, and continuing professional programs in 3,533 institutions of higher education in the 50 states and the District of Columbia, and in some cases outlying areas. The institutions included offer 4-year, 2-year, and less-than-2-year programs. Tables include data presented by level of award, control of institution, sex of student, program area and specialty, and state. Also included are tables providing information on the race/ethnicity of the students by award category and program area. (JDD)

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ED317124

**NATIONAL CENTER FOR EDUCATION STATISTICS**

**E.D.TABS**

**December 1989**

**Completions in  
Institutions of  
Higher Education,  
1986-87**

Judi Carpenter  
Postsecondary Education Statistics Division

U.S. DEPARTMENT OF EDUCATION  
Office of Educational Research and Improvement  
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**U.S. Department of Education  
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## Completions in Institutions of Higher Education, 1986-87

### Introduction

This report presents preliminary statistics on program completions in institutions of higher education in the United States during academic year 1986-87. The tabular summaries in this report are based on data collected by the National Center for Education Statistics (NCES) through the annual survey of Completions which is part of the Integrated Postsecondary Education Data System (IPEDS).

The tabulations in this report show the number of students completing academic, vocational, and continuing professional programs in 3,533 institutions of higher education in the 50 States and the District of Columbia. Data for the outlying areas appear only in tables 3, 4, 5, and 6. Tables in this report include data presented by level of award, control of institution, sex of student, program area and specialty, and State. Also included are tables providing information on the race/ethnicity of the students by award category and program area.

The Completions survey universe comprises all postsecondary institutions in the United States and its outlying areas, however, this report provides data for only the institutions of higher education that are accredited at the college level by an agency recognized by the Secretary of Education. These institutions were previously surveyed under the Higher Education General Information Survey (HEGIS), which IPEDS supercedes. Non-HEGIS institutions are not presented in this report because their response rate of 52.1 percent did not meet the publication standards set by NCES. Complete data for all postsecondary institutions in the survey universe are available on a data tape and can be purchased by request.

## Survey Description

The Completions 1986-87 survey requests basic data on the number of recognized completions between July 1, 1986, and June 30, 1987, in postsecondary education institutions. The survey uses the Classification of Instructional Programs (CIP), which was developed by NCES in 1981 and revised in 1985. CIP is the federally accepted standard for collecting, reporting, and interpreting education program data. The completions data were requested by sex of the student, program specialty, and award category (i.e., certificates and diplomas by length of program, associate's, bachelor's, master's, doctor's, and first-professional degrees). Data on race/ethnicity of the student are requested biennially for the Office for Civil Rights.

## Survey Methodology

The survey was mailed to 3,533 universities and colleges in the United States. Three different survey forms were used to collect the data. The C1 survey form was used for all 4-year and above institutions and was mailed to 2,128 institutions offering a bachelor's or higher degree. The C2 form, designed for 2-year institutions, was sent to 1,398 institutions offering a degree or certificate of at least 2 years but less than 4 years; and the C3 survey form went to 7 colleges offering awards of less than 2 years.

Followup for nonresponse was conducted by letter and telephone. Some schools provided only the total number of completions, by award level and sex; and others provided the number of completions by award level, sex, and program specialty but did not provide racial/ethnic information.

All survey forms were checked for CIP code validity and addition errors. Total lines were generated and compared to the reported totals. If reported totals were different but were within a pre-established tolerance, the generated total replaced the reported total; if the difference appeared larger than a simple arithmetic error, then the institution was contacted to resolve the discrepancy. The data for each institution were also checked for consistency with the prior year's response.

The response rate for institutions of higher education was 96.7 percent. Reports were received from 3,416 institutions of higher education. For the 117 nonrespondents, NCES used the data from a previous year's survey when available. Program data and racial/ethnic data from the HEGIS XXI survey, "Degrees and Other Formal Awards Conferred Between July 1, 1984 and June 30, 1985" were used for 59 of the nonrespondent institutions.

HEGIS XXI data were not available for the remaining 58 institutions that did not respond to the Completions 1986-87 survey. In addition, no data were imputed for first-professional degrees. A summary of the response analysis is provided in table A.

Table A: Survey Response<sup>1</sup>

Level of institution	Total	Public	Total	Private	
				Nonprofit	For-profit
<u>Number Receiving the Survey</u>					
All institutions	3,533	1,587	1,946	1,664	282
4-year	2,128	599	1,529	1,481	48
2-year	1,398	988	410	182	228
Less-than-2-year	7	0	7	1	6
<u>Number Responding</u>					
All institutions	3,416	1,566	1,850	1,594	256
4-year	2,060	594	1,466	1,423	43
2-year	1,349	972	377	170	207
Less-than-2-year	7	NA	7	1	6
<u>Percent Responding</u>					
All institutions	96.7	98.7	95.1	95.8	90.8
4-year	96.8	99.2	95.9	96.1	89.6
2-year	96.5	98.4	92.0	93.4	100.0
Less-than-2-year	100.0	NA	100.0	100.0	100.0

Explanation of Tables

A wide variety of tables was produced from the survey Completions 1986-87, however, only the ones presenting the most requested data are included in these E.D. TABS. The data presented in the tables are all preliminary and are

<sup>1</sup>-----  
The response analysis does not include the outlying areas..

subject to revision by the reporting institutions before being finalized. In addition, national totals may vary slightly from those in other NCES publications because data from two different years' survey reports were used to impute data for nonrespondents.

All tables show national data for the 50 States and D.C., except for tables 3, 4, 5, and 6. These tables show degrees and awards for each of the 50 States and D.C., as well as for the outlying areas.

Tables 1, 1a, 1b, 1c, 1d, and 1e provide data on the race/ethnicity of the students by award category and by program area. The manner of collecting racial/ethnic information from students was left to the discretion of the institution. Some institutions were unable to report the racial/ethnic designation of students, because these data were not available. To maintain historical continuity of racial/ethnic degree data, NCES distributed the "race unknown" category. The race unknown category was distributed among the racial/ethnic categories, using the national percentage distribution of reported and imputed race data by program, for each of the degree levels (associate's, bachelor's, master's, doctor's, and first-professional). Table 1 presents the national totals as reported. The 6 racial/ethnic categories do not add to the totals, because the race unknowns were not distributed for this table. Tables 1a, 1b, 1c, 1d, and 1e include the distribution of race unknown for each program area.

Totals for award categories at the associate's degree level and below in table 12 are lower than the totals in tables 1 and 6, because a few institutions provided only the total number of awards, but did not provide numbers by program detail as shown in table 12.

## Tables

**Table 1.--Degrees and other awards in institutions of higher education, by race/ethnicity, level of award, and sex of student: 50 States and D.C., 1986-87**

**Table 1a.--Associate's degrees in institutions of higher education, by race/ethnicity, program area, and sex of student: 50 States and D.C., 1986-87**

**Table 1b.--Bachelor's degrees in institutions of higher education, by race/ethnicity, program area, and sex of student: 50 States and D.C., 1986-87**

**Table 1c.--Master's degrees in institutions of higher education, by race/ethnicity, program areas, and sex of student: 50 States and D.C., 1986-87**

**Table 1d.--Doctor's degrees in institutions of higher education, by race/ethnicity, program area, and sex of student: 50 States and D.C., 1986-87**

**Table 1e.--First-professional degrees in institutions of higher education, by race/ethnicity, field of study, and sex of student: 50 States and D.C., 1986-87**

**Table 2.--Bachelor's and higher degrees and certificates in institutions of higher education, by level of award, control of institution, and sex of student: 50 States and D.C., 1986-87**

**Table 3.--Bachelor's and higher degrees in institutions of higher education, by level of award, sex of student, and State or other area: 1986-87**

**Table 4.--Postbaccalaureate and post-master's certificates in institutions of higher education, by sex of student and State or other area: 1986-87**

**Table 5.--First-professional degrees in institutions of higher education, by control of institution, sex of student, and State or other area: 1986-87**

**Table 6.--Less-than-4-year degrees and other awards in institutions of higher education, by level of award, sex of student, and State or other area: 1986-87**

- Table 7.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program area: 50 States and D.C., 1986-87**
- Table 8.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category: 50 States and D.C., 1986-87**
- Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87**
- Table 10.--Postbaccalaureate and post-master's certificates in institutions of higher education, by program category and sex of student: 50 States and D.C., 1986-87**
- Table 11.--First-professional degrees in institutions of higher education, by field of study and sex of student: 50 States and D.C., 1986-87**
- Table 12.--Less-than-4-year degrees and other awards in institutions of higher education, by level of award, sex of student, and program category: 50 States and D.C., 1986-87**



Table 1.—Degrees and other awards in institutions of higher education, by race/ethnicity, level of award, and sex of student: 50 States and D.C., 1986-87

Level of award	Total	Non-resident alien	Black, non-Hispanic	American Indian/Alaskan Native	Asian or Pacific Islander	Hispanic	White, non-Hispanic
Less than 1 year.....	43,552	230	5,584	480	690	1,720	32,277
Men.....	20,883	141	2,187	253	311	943	16,149
Women.....	22,669	89	3,397	227	379	777	16,128
1 but less than 2 year.....	99,826	928	13,867	988	3,442	6,023	71,303
Men.....	42,049	625	4,602	479	2,008	2,685	29,856
Women.....	57,777	303	9,265	509	1,434	3,338	41,447
Associate's degrees.....	436,308	4,472	33,795	3,049	11,257	18,467	345,524
Men.....	190,842	2,443	13,340	1,209	5,907	8,394	151,335
Women.....	245,466	2,024	20,455	1,840	5,350	10,073	194,189
2 but less than 4 year.....	9,277	106	738	93	291	307	6,595
Men.....	6,021	65	478	66	208	188	4,241
Women.....	3,256	41	260	27	83	119	2,354
Bachelor's degrees.....	991,264	28,563	54,996	3,866	31,771	26,255	819,435
Men.....	480,782	19,129	21,919	1,774	16,826	12,536	396,526
Women.....	510,482	9,434	33,077	2,092	14,945	13,719	422,909
Postbaccalaureate certificates.....	6,661	300	59	4	44	71	6,181
Men.....	4,852	238	26	1	15	31	4,540
Women.....	1,809	62	33	3	29	40	1,641
Master's degrees.....	289,349	28,264	13,144	1,049	8,108	6,661	216,794
Men.....	141,269	20,319	4,881	492	4,973	3,152	100,051
Women.....	148,080	7,945	8,263	557	3,135	3,509	116,743
Post-master's certificates....	4,267	256	296	8	65	59	3,526
Men.....	1,751	172	85	4	39	12	1,403
Women.....	2,516	84	211	4	26	47	2,123
Doctor's degrees.....	34,041	6,358	1,016	102	1,057	721	23,373
Men.....	22,061	5,285	466	56	768	425	14,200
Women.....	11,980	1,073	550	46	289	296	9,173
First-professional degrees....	71,617	872	3,341	298	2,221	2,002	61,278
Men.....	46,523	624	1,798	180	1,391	1,275	40,304
Women.....	25,094	248	1,543	118	830	727	20,974

Note.—These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

Table 1a.—Associate's degrees in institutions of higher education, by race/ethnicity, program area, and sex of student: 50 States and D.C., 1986-87

Program area and sex of student	Total	White non-Hispanic	Black non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8
All fields, total...	436,308	361,819	35,466	19,345	11,794	3,196	4,688
Men .....	190,841	158,126	13,956	8,764	6,172	1,263	2,560
Women .....	245,467	203,693	21,510	10,581	5,622	1,933	2,128
Agriculture and natural resources, total .....	5,458	5,149	62	125	27	51	44
Men .....	3,691	3,492	46	61	20	36	36
Women .....	1,767	1,657	16	64	7	15	8
Architecture and environmental design, total ..	1,665	1,448	56	73	54	4	30
Men .....	229	169	10	23	19	1	7
Women .....	1,436	1,279	46	50	35	3	23
Area and ethnic studies, total .....	14	3	3	2	0	6	0
Men .....	6	2	0	1	0	3	0
Women .....	8	1	3	1	0	3	0
Business and management, total .....	115,231	93,990	11,699	4,694	2,853	811	1,184
Men .....	36,924	30,367	3,479	1,376	997	203	502
Women .....	78,307	63,623	8,220	3,318	1,856	608	682
Communications, total .....	3,541	2,972	329	124	41	22	53
Men .....	2,065	1,750	190	64	24	9	28
Women .....	1,476	1,222	139	60	17	13	25
Computer and information sciences, total .....	9,101	7,110	954	415	404	47	171
Men .....	4,791	3,855	415	207	199	20	95
Women .....	4,310	3,255	539	208	205	27	76
Education, total .....	7,333	5,942	639	414	130	134	74
Men .....	2,113	1,654	222	124	57	33	23
Women .....	5,220	4,288	417	290	73	101	51
Engineering, total .....	4,539	3,400	261	337	387	28	126
Men .....	4,061	3,060	225	307	332	22	115
Women .....	478	340	36	30	55	6	11
Engineering technologies, total .....	57,973	47,936	4,019	2,445	2,592	332	649
Men .....	52,860	43,950	3,526	2,247	2,255	298	584
Women .....	5,113	3,986	493	198	337	34	65
Foreign languages, total .....	421	353	14	22	13	11	8
Men .....	231	203	9	5	5	6	3
Women .....	190	150	5	17	8	5	5
Health professions, total .....	62,547	53,876	4,878	2,046	1,028	403	316
Men .....	7,214	5,945	599	374	173	51	72
Women .....	55,333	47,931	4,279	1,672	855	352	244
Home economics, total .....	9,328	7,618	969	396	207	54	84
Men .....	2,738	2,461	131	44	66	17	19
Women .....	6,590	5,157	838	352	141	37	65
Law, total .....	2,498	2,179	170	94	40	11	4
Men .....	287	216	44	19	3	5	0
Women .....	2,211	1,963	126	75	37	6	4
Letters, total .....	508	390	35	29	33	6	15
Men .....	158	115	14	8	13	3	5
Women .....	350	275	21	21	20	3	10
Liberal/general studies, total .....	108,097	89,365	7,885	5,838	2,718	813	1,478
Men .....	46,337	38,103	3,250	2,546	1,263	351	824
Women .....	61,760	51,262	4,635	3,292	1,455	462	654

Table 1a.--Associate's degrees in institutions of higher education, by race/ethnicity, program area, and sex of student: 50 States and D.C., 1986-87 -- continued

Program area and sex of student	Total	White non-Hispanic	Black non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8
Library and archival science, total .....	117	104	5	4	3	0	1
Men .....	19	14	1	2	1	0	1
Women .....	98	90	4	2	2	0	0
Life sciences, total .....	892	617	105	54	62	18	36
Men .....	397	288	21	30	25	5	28
Women .....	495	329	84	24	37	13	8
Mathematics, total .....	666	499	39	40	72	4	12
Men .....	418	313	27	22	46	2	8
Women .....	248	186	12	18	26	2	4
Military sciences, total .....	50	39	9	1	0	1	0
Men .....	48	37	9	1	0	1	0
Women .....	2	2	0	0	0	0	0
Multi/interdisciplinary studies, total .....	9,794	8,800	399	239	273	33	50
Men .....	4,563	4,057	181	124	154	13	34
Women .....	5,231	4,743	218	115	119	20	16
Parks and recreation, total .....	551	478	38	21	8	0	6
Men .....	278	227	29	12	5	0	5
Women .....	273	251	9	9	3	0	1
Philosophy and religion, total .....	100	90	4	3	1	2	0
Men .....	64	57	2	3	1	1	0
Women .....	36	33	2	0	0	1	0
Physical sciences, total .....	2,061	1,767	104	78	67	6	39
Men .....	1,253	1,080	53	51	36	3	30
Women .....	808	687	51	27	31	3	9
Protective services, total .....	11,910	9,739	1,132	788	134	81	36
Men .....	8,711	7,290	661	579	109	46	26
Women .....	3,199	2,449	471	209	25	35	10
Psychology, total .....	1,014	825	77	67	20	17	8
Men .....	292	233	29	16	6	6	2
Women .....	722	592	48	51	14	11	6
Public affairs, total .....	3,560	2,774	459	141	69	63	54
Men .....	1,548	1,277	129	69	19	14	40
Women .....	2,012	1,497	330	72	50	49	14
Social sciences, total .....	2,584	1,853	304	256	95	52	24
Men .....	1,095	792	155	80	37	18	13
Women .....	1,489	1,061	149	176	58	34	11
Theology, total .....	594	527	34	18	3	1	11
Men .....	355	308	30	11	1	0	5
Women .....	239	219	4	7	2	1	6
Visual and performing arts, total .....	14,161	11,976	784	581	460	185	175
Men .....	8,095	6,811	469	358	306	96	55
Women .....	6,066	5,165	315	223	154	89	120

NOTE: Data for racial/ethnic categories include estimates for 4.5 % of the degree recipients whose race/ethnicity was unknown. Data are preliminary.

Table 1b.—Bachelor's degrees in institutions of higher education, by race/ethnicity, program area, and sex of student: 50 States and D.C., 1986-87

Program area and sex of student	Total	White non-Hispanic	Black non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8
All fields, total.....	991,260	841,820	56,555	26,990	32,618	3,971	29,306
Men .....	480,780	406,751	22,499	12,864	17,249	1,819	19,598
Women .....	510,480	435,069	34,056	14,126	15,369	2,152	9,708
Agriculture and natural resources, total .....	14,991	13,657	299	231	283	58	463
Men .....	10,314	9,406	182	152	161	38	375
Women .....	4,677	4,251	117	79	122	20	88
Architecture and environmental design, total ..	8,950	7,271	277	338	365	26	673
Men .....	5,617	4,501	198	233	208	15	462
Women .....	3,333	2,770	79	105	157	11	211
Area and ethnic studies, total .....	3,307	2,649	201	146	214	29	68
Men .....	1,249	997	85	58	77	9	23
Women .....	2,058	1,652	116	88	137	20	45
Business and management, total .....	241,100	205,118	14,686	6,397	6,002	783	8,114
Men .....	128,920	111,091	6,051	3,251	2,873	400	5,254
Women .....	112,180	94,027	8,635	3,146	3,129	383	2,860
Communications, total .....	45,393	39,493	3,228	1,011	919	132	610
Men .....	18,153	15,941	1,125	402	356	58	271
Women .....	27,240	23,552	2,103	609	563	74	339
Computer and information sciences, total .....	39,590	30,251	2,928	1,077	2,546	116	2,672
Men .....	25,866	20,480	1,329	615	1,542	63	1,837
Women .....	13,724	9,771	1,599	462	1,004	53	835
Education, total .....	87,083	78,216	4,253	2,223	1,092	452	847
Men .....	20,759	18,050	1,348	518	312	124	407
Women .....	66,324	60,166	2,905	1,705	780	328	440
Engineering, total .....	73,839	57,563	2,356	2,007	5,695	214	6,004
Men .....	62,568	48,977	1,638	1,680	4,613	184	5,476
Women .....	11,271	8,586	718	327	1,082	30	528
Engineering technologies, total .....	19,258	15,725	1,145	546	802	75	965
Men .....	17,781	14,631	942	498	734	63	913
Women .....	1,477	1,094	203	48	68	12	52
Foreign languages, total .....	10,197	8,421	321	808	341	24	282
Men .....	2,792	2,287	87	209	140	10	59
Women .....	7,405	6,134	234	599	201	14	223
Health professions, total .....	63,213	55,410	3,822	1,332	1,577	274	798
Men .....	3,177	7,790	481	255	337	46	268
Women .....	60,036	47,620	3,341	1,077	1,240	228	530
Home economics, total .....	13,440	13,072	879	232	423	119	215
Men .....	1,115	909	93	18	46	18	26
Women .....	13,325	12,163	781	214	377	101	189
Law, total .....	1,177	1,074	52	25	22	2	2
Men .....	369	334	14	11	9	1	0
Women .....	808	740	38	14	13	1	2
Letters, total .....	37,132	33,499	1,589	736	780	99	429
Men .....	12,680	11,543	465	242	246	40	144
Women .....	24,452	21,956	1,124	494	534	59	285
Liberal/general studies, total .....	21,366	18,066	1,620	893	356	133	298
Men .....	9,715	7,993	618	305	160	50	189
Women .....	12,051	10,073	1,002	588	196	83	109
Library and archival science, total .....	140	122	9	3	0	0	6
Men .....	20	16	0	0	0	0	4
Women .....	120	106	9	3	0	0	2

**Table 1b.--Bachelor's degrees in institutions of higher education, by race/ethnicity, program area, and sex of student: 50 States and D.C., 1986-87 -- continued**

Program area and sex of student	Total	White non-Hispanic	Black non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8
Life sciences, total .....	38,120	31,279	1,932	1,259	2,620	147	883
Men .....	19,656	16,393	740	657	1,343	79	444
Women .....	18,464	14,886	1,192	602	1,277	68	439
Mathematics, total .....	16,444	13,556	846	269	1,050	53	670
Men .....	8,792	7,216	402	170	540	33	431
Women .....	7,652	6,340	444	99	510	20	239
Military sciences, total .....	384	360	1	13	1	1	8
Men .....	358	336	1	12	1	1	7
Women .....	26	24	0	1	0	0	1
Multi/interdisciplinary studies, total .....	16,399	13,754	1,074	527	625	101	318
Men .....	7,598	6,451	450	212	284	46	155
Women .....	8,801	7,303	624	315	341	55	163
Parks and recreation, total .....	4,106	3,755	186	60	71	19	35
Men .....	1,636	1,449	105	24	32	9	17
Women .....	2,470	2,286	81	36	39	10	18
Philosophy and religion, total .....	5,984	5,324	233	142	163	11	111
Men .....	3,845	3,393	160	101	106	8	77
Women .....	2,139	1,931	73	41	57	3	34
Physical sciences, total .....	20,071	17,159	844	423	918	74	653
Men .....	14,372	12,505	445	287	615	46	474
Women .....	5,699	4,654	399	136	303	28	179
Protective services, total .....	12,930	10,177	1,930	534	140	53	96
Men .....	7,974	6,521	919	333	98	28	75
Women .....	4,956	3,656	1,011	201	42	25	21
Psychology, total .....	42,835	37,014	2,535	1,401	1,188	186	511
Men .....	13,328	11,540	683	459	417	65	164
Women .....	29,507	25,474	1,852	942	771	121	347
Public affairs, total .....	14,178	11,289	1,822	542	197	127	201
Men .....	4,541	3,683	455	166	66	41	130
Women .....	9,637	7,606	1,367	376	131	86	71
Social sciences, total .....	96,172	81,659	5,942	2,883	2,942	464	2,282
Men .....	53,870	46,493	2,676	1,564	1,448	249	1,440
Women .....	42,302	35,166	3,266	1,319	1,494	215	842
Theology, total .....	5,728	5,236	177	81	92	15	127
Men .....	4,330	3,950	142	63	67	13	95
Women .....	1,398	1,286	35	18	25	2	32
Visual and performing arts, total .....	36,233	31,671	1,368	851	1,194	184	965
Men .....	13,785	11,875	660	369	418	82	381
Women .....	22,448	19,796	708	482	776	102	584

NOTE: Data for racial/ethnic categories include estimates for 2.7% of degree recipients whose race/ethnicity was unknown. Data are preliminary.



Table 1c.—Master's degrees in institutions of higher education, by race/ethnicity, program area, and sex of student: 50 States and D.C., 1986-87

Program area and sex of student	Total	White non-Hispanic	Black non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8
All fields, total .....	289,341	228,870	13,867	7,044	8,558	1,104	29,898
Men .....	141,264	105,573	5,151	3,330	5,238	517	21,455
Women .....	148,077	123,297	8,716	3,714	3,320	587	8,443
Agriculture and natural resources, total .....	3,521	2,536	79	44	58	6	798
Men .....	2,460	1,680	63	30	36	4	647
Women .....	1,061	856	16	14	22	2	151
Architecture and environmental design, total .....	3,164	2,250	77	93	92	8	644
Men .....	2,086	1,419	48	68	57	7	487
Women .....	1,078	831	29	25	35	1	157
Area and ethnic studies, total .....	853	585	39	53	38	5	133
Men .....	457	310	10	30	25	4	78
Women .....	396	275	29	23	13	1	55
Business and management, total .....	67,504	53,582	2,810	1,437	2,304	170	7,201
Men .....	45,219	35,505	1,637	954	1,531	112	5,480
Women .....	22,285	18,077	1,173	483	773	58	1,721
Communications, total .....	3,892	3,072	225	70	79	12	434
Men .....	1,589	1,233	83	31	29	5	208
Women .....	2,303	1,839	142	39	50	7	226
Computer and information sciences, total .....	8,481	5,053	222	132	834	23	2,217
Men .....	5,985	3,675	136	98	561	20	1,695
Women .....	2,496	1,578	86	34	273	3	522
Education, total .....	75,473	64,492	5,250	2,232	724	376	2,399
Men .....	19,635	16,431	1,127	601	232	120	1,124
Women .....	55,838	48,061	4,123	1,631	492	256	1,275
Engineering, total .....	22,046	13,343	419	521	1,715	39	6,009
Men .....	19,279	11,399	328	450	1,513	33	5,556
Women .....	2,767	1,944	91	71	202	6	453
Engineering technologies, total .....	612	405	30	8	42	25	102
Men .....	529	343	23	6	39	25	93
Women .....	83	62	7	2	3	0	9
Foreign languages, total .....	1,745	1,179	29	162	36	4	335
Men .....	516	351	9	42	8	3	103
Women .....	1,229	828	20	120	28	1	232
Health professions, total .....	18,421	15,724	856	378	489	62	912
Men .....	3,885	3,048	139	72	152	12	462
Women .....	14,536	12,676	717	306	337	50	450
Home economics, total .....	2,069	1,731	90	25	49	17	157
Men .....	256	206	12	3	5	3	27
Women .....	1,813	1,525	78	22	44	14	130
Law, total .....	1,944	1,100	44	50	78	4	668
Men .....	1,423	809	26	30	53	3	502
Women .....	521	291	18	20	25	1	166
Letters, total .....	6,125	5,149	141	89	130	20	596
Men .....	2,142	1,774	38	37	43	9	241
Women .....	3,983	3,375	103	52	87	11	355
Liberal/general studies, total .....	1,129	1,038	19	10	12	8	42
Men .....	459	428	3	1	5	1	21
Women .....	670	610	16	9	7	7	21
Library and archival science, total .....	3,814	3,318	166	48	93	9	200
Men .....	796	679	25	14	21	1	56
Women .....	3,018	2,639	121	34	72	8	144

Table 1c.--Master's degrees in institutions of higher education, by race/ethnicity, program area, and sex of student: 50 States and D.C., 1986-87 -- continued

Program area and sex of student	Total	White non-Hispanic	Black non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8
Life sciences, total .....	4,950	3,944	175	86	198	11	536
Men .....	2,538	2,038	84	40	89	4	283
Women .....	2,412	1,906	91	46	109	7	253
Mathematics, total .....	3,319	2,113	76	55	193	3	879
Men .....	2,022	1,247	47	39	116	1	572
Women .....	1,297	866	29	16	77	2	307
Military sciences, total .....	119	101	8	5	0	0	5
Men .....	118	101	7	5	0	0	5
Women .....	1	0	1	0	0	0	0
Multi/interdisciplinary studies, total .....	3,035	2,585	114	55	66	31	184
Men .....	1,762	1,491	60	26	34	21	130
Women .....	1,273	1,094	54	29	32	10	54
Parks and recreation, total .....	475	414	25	3	14	1	18
Men .....	212	183	7	2	7	1	12
Women .....	263	231	18	1	7	0	6
Philosophy and religion, total .....	1,109	894	41	29	29	3	113
Men .....	698	541	30	20	25	2	80
Women .....	411	353	11	9	4	1	33
Physical sciences, total .....	5,630	4,062	84	116	241	9	1,118
Men .....	4,220	3,023	48	85	174	7	883
Women .....	1,410	1,039	36	31	67	2	235
Protective services, total .....	1,019	808	140	15	10	8	38
Men .....	719	586	80	10	5	7	31
Women .....	300	222	60	5	5	1	7
Psychology, total .....	8,124	7,093	398	243	120	37	233
Men .....	2,828	2,471	123	91	35	13	95
Women .....	5,296	4,622	275	152	85	24	138
Public affairs, total .....	17,029	13,645	1,553	610	313	135	773
Men .....	6,189	4,696	517	263	146	52	515
Women .....	10,840	8,949	1,036	347	167	83	258
Social sciences, total .....	10,395	7,441	416	245	250	23	2,020
Men .....	6,293	4,316	226	154	152	17	1,428
Women .....	4,102	3,125	190	91	98	6	592
Theology, total .....	4,841	4,108	121	88	112	8	404
Men .....	3,193	2,658	86	63	70	6	310
Women .....	1,648	1,450	35	25	42	2	94
Visual and performing arts, total .....	8,503	7,105	240	142	239	47	730
Men .....	3,756	3,132	129	65	75	24	331
Women .....	4,747	3,973	111	77	164	23	399

NOTE: Data for racial/ethnic categories include estimates for 5.3 % of the degree recipients whose race/ethnicity was unknown. Data are preliminary.

Table 1d.—Doctor's degrees in institutions of higher education, by race/ethnicity, program area, and sex of student: 50 States and D.C., 1986-87

Program area and sex of student	Total	White non-Hispanic	Black non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8
All fields, total .....	34,033	24,435	1,060	750	1,097	104	6,587
Men .....	22,059	14,813	488	439	795	58	5,466
Women .....	11,974	9,622	572	311	302	46	1,121
Agriculture and natural resources, total .....	1,048	650	18	15	32	2	331
Men .....	871	526	13	12	28	2	290
Women .....	177	124	5	3	4	0	41
Architecture and environmental design, total .....	92	45	7	0	1	0	39
Men .....	66	28	4	0	1	0	33
Women .....	26	17	3	0	0	0	6
Area and ethnic studies, total .....	132	99	7	2	1	1	22
Men .....	73	54	2	2	1	1	13
Women .....	59	45	5	0	0	0	9
Business and management, total .....	1,094	688	29	10	50	2	315
Men .....	836	473	21	6	46	1	289
Women .....	258	215	8	4	4	1	26
Communications, total .....	280	209	17	11	1	0	42
Men .....	163	116	7	7	0	0	33
Women .....	117	93	10	4	1	0	9
Computer and information sciences, total .....	374	219	2	6	20	1	126
Men .....	322	178	1	5	16	1	121
Women .....	52	41	1	1	4	0	5
Education, total .....	6,909	5,495	468	207	104	49	586
Men .....	3,117	2,412	177	87	59	25	357
Women .....	3,792	3,083	291	120	45	24	229
Engineering, total .....	3,807	1,672	29	68	258	3	1,777
Men .....	3,546	1,502	26	65	240	3	1,710
Women .....	261	170	3	3	18	0	67
Engineering technologies, total .....	11	5	1	0	0	0	5
Men .....	9	3	1	0	0	0	5
Women .....	2	2	0	0	0	0	0
Foreign languages, total .....	441	300	16	42	4	0	79
Men .....	184	117	7	11	2	0	47
Women .....	257	183	9	31	2	0	32
Health professions, total .....	1,213	932	33	17	40	3	188
Men .....	564	406	8	10	23	1	116
Women .....	649	526	25	7	17	2	72
Home economics, total .....	297	225	23	6	6	0	37
Men .....	65	49	2	1	1	0	12
Women .....	232	176	21	5	5	0	25
Law, total .....	120	71	3	19	0	0	27
Men .....	79	42	1	12	0	0	24
Women .....	41	29	2	7	0	0	3
Letters, total .....	1,181	950	28	26	21	6	150
Men .....	515	405	6	17	5	3	79
Women .....	665	545	22	9	16	3	71
Liberal/general studies, total .....	211	22	2	1	0	0	4
Men .....	14	11	0	0	0	0	3
Women .....	15	11	2	1	0	0	1
Library and archival science, total .....	57	43	1	0	2	1	10
Men .....	19	13	0	0	2	1	3
Women .....	38	30	1	0	0	0	7



Table 1d.--Doctor's degrees in institutions of higher education, by race/ethnicity, program area, and sex of student: 50 States and D.C., 1986-87 - continued

Program area and sex of student	Total	White non-Hispanic	Black non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8
Life sciences, total .....	3,417	2,624	53	59	149	5	527
Men .....	2,223	1,703	30	36	83	4	367
Women .....	1,194	921	23	23	66	1	160
Mathematics, total .....	723	349	9	9	37	1	318
Men .....	598	285	8	7	24	1	273
Women .....	125	64	1	2	13	0	45
Military sciences, total .....	0	0	0	0	0	0	0
Men .....	0	0	0	0	0	0	0
Women .....	0	0	0	0	0	0	0
Multi/interdisciplinary studies, total .....	276	215	2	8	4	1	46
Men .....	174	127	1	5	2	0	39
Women .....	102	88	1	3	2	1	7
Parks and recreation, total .....	33	28	2	0	0	0	3
Men .....	20	17	0	0	0	0	3
Women .....	13	11	2	0	0	0	0
Philosophy and religion, total .....	420	346	7	5	9	0	53
Men .....	329	266	6	5	6	0	46
Women .....	91	80	1	0	3	0	7
Physical sciences, total .....	3,671	2,441	26	60	166	3	975
Men .....	3,038	1,985	22	43	129	3	856
Women .....	633	456	4	17	37	0	119
Protective services, total .....	19	15	0	0	3	0	1
Men .....	16	14	0	0	2	0	0
Women .....	3	1	0	0	1	0	1
Psychology, total .....	3,056	2,725	97	71	51	16	96
Men .....	1,427	1,289	35	23	22	6	52
Women .....	1,629	1,436	62	48	29	10	44
Public affairs, total .....	397	292	34	18	6	2	45
Men .....	215	146	16	16	2	2	33
Women .....	182	146	18	2	4	0	12
Social sciences, total .....	2,915	2,051	95	68	77	4	620
Men .....	2,026	1,328	57	50	59	2	530
Women .....	889	723	38	18	18	2	90
Theology, total .....	1,230	1,040	39	11	37	2	101
Men .....	1,103	931	34	11	36	2	89
Women .....	127	109	5	0	1	0	12
Visual and performing arts, total .....	791	684	12	11	18	2	64
Men .....	447	387	3	8	6	0	43
Women .....	344	297	9	3	12	2	21

NOTE: Data for racial/ethnic categories include estimates for 4.2% of the degree recipients whose race/ethnicity was unknown. Data are preliminary.

Table 1c.--First-professional degrees in institutions of higher education, by race/ethnicity, field of study, and sex of student: 50 States and D.C., 1986-87

Field of study and sex of student	Total	White non-Hispanic	Black non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8
All fields, total .....	71,617	62,688	3,420	2,051	2,270	304	884
Men .....	46,522	41,149	1,835	1,303	1,420	183	632
Women .....	25,095	21,539	1,585	748	850	121	252
Dentistry (D.D.S. or D.M.D.), total .....	4,739	3,856	262	169	319	13	120
Men .....	3,602	3,006	169	120	218	11	78
Women .....	1,137	850	93	49	101	2	42
Medicine (M.D.), total .....	15,429	13,137	786	484	805	66	151
Men .....	10,431	9,003	437	319	534	36	102
Women .....	4,998	4,134	349	165	271	30	49
Optometry (O.D.), total .....	1,082	943	18	29	74	4	14
Men .....	697	625	8	20	33	3	8
Women .....	385	318	10	9	41	1	6
Podiatric medicine (D.O.), total .....	1,618	1,498	26	25	45	13	11
Men .....	1,206	1,132	7	17	31	10	9
Women .....	412	366	19	8	14	3	2
Pharmacy (D.Pharm.), total .....	861	531	112	42	110	6	60
Men .....	351	236	37	16	27	6	29
Women .....	510	295	75	26	83	0	31
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.), total .....	591	521	33	11	12	2	12
Men .....	468	423	18	8	8	2	9
Women .....	123	98	15	3	4	0	3
Veterinary medicine (D.V.M.), total .....	2,230	2,052	29	90	24	31	4
Men .....	1,150	1,035	12	73	11	16	3
Women .....	1,080	1,017	17	17	13	15	1
Chiropractic medicine (D.C. or D.C.M.), total .....	2,493	2,298	26	39	30	4	96
Men .....	1,864	1,723	16	28	25	3	69
Women .....	629	575	10	11	5	1	27
Law, general (LL.B. or J.D.), total .....	36,056	32,242	1,735	1,054	694	152	179
Men .....	21,561	19,528	822	610	393	84	124
Women .....	14,495	12,714	913	444	301	68	55
Theological professions, general (B.D., M.Div., Rabbi), total .....	6,518	5,610	393	108	157	13	237
Men .....	5,192	4,438	309	92	140	12	201
Women .....	1,326	1,172	84	16	17	1	36

NOTE: Data for racial/ethnic categories include estimates for 2.2 % of the degree recipients whose race/ethnicity unknown. Data are preliminary.

Table 2.—Bachelor's and higher degrees and certificates in institutions of higher education, by level of award, control of institution, and sex of student: 50 States and D.C., 1986-87

Control of institution	Total	Bachelor's	Postbac- calaurate certificates	Master's	Post- master's certificates	Doctor's	First- professional
Total.....	1,397,199	991,264	6,661	289,349	4,267	34,041	71,617
Men.....	697,238	480,782	4,852	141,269	1,751	22,061	46,523
Woman.....	699,961	510,482	1,809	148,080	2,516	11,980	25,094
Public.....	882,088	659,260	726	167,797	3,089	21,870	29,346
Men.....	432,708	321,683	274	76,856	1,203	14,082	18,610
Woman.....	449,380	337,577	452	90,941	1,886	7,788	10,736
Private.....	515,111	332,004	5,935	121,552	1,178	12,171	42,271
Men.....	264,530	159,099	4,578	64,413	548	7,979	27,913
Woman.....	250,581	172,905	1,357	57,139	630	4,192	14,358
Nonprofit.....	507,568	326,573	5,735	120,074	1,178	12,135	41,873
Men.....	259,429	155,246	4,398	63,589	548	7,954	27,694
Woman.....	248,139	171,327	1,337	56,485	630	4,181	14,179
For-profit.....	7,543	5,431	200	1,478	0	36	398
Men.....	5,101	3,853	190	824	0	25	219
Woman.....	2,442	1,578	20	654	0	11	179

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

Table 3.-Bachelor's and higher degrees in institutions of higher education, by level of award, sex of student, and State or other area: 1986-87

State or other area	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
50 States and D.C.....	1,314,654	991,264	480,782	510,482	289,349	141,269	148,080	34,041	22,061	11,980
Alabama.....	20,200	15,975	7,525	8,450	3,946	1,641	2,305	279	164	115
Alaska.....	1,225	898	419	479	320	159	161	7	7	0
Arizona.....	17,619	12,887	6,325	5,962	4,826	2,533	2,293	506	332	174
Arkansas.....	9,031	7,036	3,382	3,654	1,883	758	1,125	112	81	31
California.....	126,120	90,013	42,959	46,054	32,020	17,595	14,425	4,087	2,739	1,348
Colorado.....	20,882	16,158	8,455	7,703	4,088	2,042	2,046	636	429	207
Connecticut.....	19,919	13,631	6,509	7,122	5,755	2,687	3,068	533	339	194
Delaware.....	3,928	3,246	1,314	1,932	586	270	316	96	70	26
District of Columbia.....	12,248	6,711	3,010	3,701	5,062	2,683	2,379	475	272	203
Florida.....	41,583	31,430	15,577	15,853	9,044	4,486	4,558	1,109	658	451
Georgia.....	25,409	19,103	8,841	10,262	5,652	2,465	3,187	654	407	247
Hawaii.....	4,771	3,701	1,762	1,939	925	430	495	145	93	52
Idaho.....	3,804	3,035	1,651	1,384	722	384	338	47	39	8
Illinois.....	66,773	47,636	23,671	23,965	17,075	8,595	8,480	2,062	1,381	681
Indiana.....	34,533	26,623	13,678	12,945	6,943	3,247	3,696	967	617	350
Iowa.....	19,833	16,450	8,260	8,190	2,775	1,383	1,392	608	446	162
Kansas.....	15,138	11,714	5,877	5,837	3,035	1,369	1,666	389	246	143
Kentucky.....	15,244	11,707	5,406	6,301	3,256	1,278	1,978	281	212	69
Louisiana.....	20,494	16,221	7,932	8,289	3,972	1,845	2,127	301	185	116
Maine.....	5,650	5,122	2,263	2,859	503	245	258	25	16	9
Maryland.....	23,850	17,803	8,475	9,328	5,347	2,451	2,896	700	422	278
Massachusetts.....	58,544	41,570	19,000	22,570	15,066	7,521	7,545	1,908	1,233	675
Michigan.....	51,036	38,181	18,541	19,640	11,534	5,873	5,661	1,321	861	460
Minnesota.....	24,805	20,669	9,781	10,888	3,607	1,733	1,874	529	316	213
Mississippi.....	11,482	9,173	4,275	4,898	2,037	970	1,067	272	181	91
Missouri.....	31,468	23,250	11,433	11,817	7,673	4,143	3,530	545	358	187
Montana.....	4,954	4,140	2,170	1,970	765	406	359	49	37	12
Nebraska.....	10,234	8,410	4,007	4,403	1,609	705	904	215	135	80
Nevada.....	2,380	1,929	985	944	419	198	221	32	19	13
New Hampshire.....	8,497	6,770	3,257	3,513	1,649	847	802	78	52	26
New Jersey.....	30,452	23,328	10,977	12,351	6,454	3,287	3,167	670	435	235
New Mexico.....	6,486	4,548	2,325	2,223	1,732	762	970	206	139	67
New York.....	124,167	87,895	41,642	46,253	32,905	14,782	18,123	3,367	2,091	1,276
North Carolina.....	31,385	24,919	11,459	13,460	5,678	2,406	3,272	788	503	285
North Dakota.....	4,872	4,209	2,126	2,083	587	263	324	76	55	21
Ohio.....	58,152	43,975	21,962	22,013	12,556	6,072	6,484	1,621	1,010	611
Oklahoma.....	17,822	13,545	6,885	6,660	3,935	1,854	2,081	342	205	137
Oregon.....	14,055	10,922	5,604	5,318	2,784	1,389	1,395	349	243	106
Pennsylvania.....	72,450	57,147	27,746	29,401	13,501	6,798	6,703	1,802	1,165	637
Rhode Island.....	9,669	7,737	3,625	4,112	1,720	892	828	212	144	68
South Carolina.....	16,082	12,547	5,873	6,674	3,269	1,184	2,085	266	177	89
South Dakota.....	4,522	3,738	1,936	1,802	719	404	315	65	40	25
Tennessee.....	21,905	17,329	8,553	8,776	4,000	1,674	2,326	576	333	243
Texas.....	76,681	57,438	27,804	29,634	17,164	8,520	8,644	2,079	1,360	719

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

**Table 3.--Bachelor's and higher degrees in institutions of higher education, by level of award, sex of student, and State or other area: 1986-87 -- continued**

State or other area	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Utah.....	13,849	11,085	6,467	4,618	2,403	1,508	895	361	258	103
Vermont.....	4,928	4,068	1,870	2,198	819	327	492	41	20	21
Virginia.....	30,170	24,010	10,685	13,325	5,473	2,574	2,899	687	440	247
Washington.....	22,432	17,767	8,660	9,107	4,066	2,066	2,000	599	397	202
West Virginia.....	9,379	7,518	3,733	3,785	1,751	711	1,040	110	69	41
Wisconsin.....	31,504	25,322	12,238	13,084	5,394	2,652	2,742	788	572	216
Wyoming.....	2,038	1,625	872	753	345	202	143	68	58	10
Outlying areas.....	13,636	12,268	4,221	8,047	1,183	386	797	185	47	138
American Samoa.....	0	0	0	0	0	0	0	0	0	0
Guam.....	201	171	84	87	30	12	18	0	0	0
Northern Marianas.....	0	0	0	0	0	0	0	0	0	0
Puerto Rico.....	13,257	11,952	4,105	7,847	1,120	369	751	185	47	138
Trust Terr., Pac. Is.....	0	0	0	0	0	0	0	0	0	0
Virgin Islands.....	178	145	32	113	33	5	28	0	0	0

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

Table 4.--Postbaccalaureate and post-master's certificates in institutions of higher education, by sex of student and State or other area: 1986-87

State or other area	Total	Postbaccalaureate			Post-master's		
		Total	Men	Women	Total	Men	Women
50 States and D.C.....	10,928	6,661	4,852	1,809	4,267	1,751	2,516
Alabama.....	122	18	0	18	104	23	81
Alaska.....	12	12	5	7	0	0	0
Arizona.....	7	0	0	0	7	0	7
Arkansas.....	37	14	1	13	23	16	7
California.....	957	426	161	265	531	325	206
Colorado.....	18	5	3	2	13	5	8
Connecticut.....	690	0	0	0	690	288	402
Delaware.....	0	0	0	0	0	0	0
District of Columbia.....	165	99	79	20	66	34	32
Florida.....	168	30	19	11	138	32	106
Georgia.....	776	36	9	27	740	177	563
Hawaii.....	0	0	0	0	0	0	0
Idaho.....	34	0	0	0	34	16	18
Illinois.....	307	0	0	0	307	128	179
Indiana.....	42	13	10	3	29	19	10
Iowa.....	2	0	0	0	2	0	2
Kansas.....	16	0	0	0	16	4	12
Kentucky.....	131	61	42	19	70	23	47
Louisiana.....	57	10	3	7	47	21	26
Maine.....	22	2	2	0	20	7	13
Maryland.....	44	10	5	5	34	10	24
Massachusetts.....	672	507	337	170	165	68	97
Michigan.....	242	81	47	34	161	84	77
Minnesota.....	124	77	28	49	47	19	28
Mississippi.....	120	11	6	5	109	32	77
Missouri.....	288	70	56	14	218	111	107
Montana.....	0	0	0	0	0	0	0
Nebraska.....	112	64	27	37	48	33	15
Nevada.....	9	4	4	0	5	2	3
New Hampshire.....	6	0	0	0	6	0	6
New Jersey.....	48	16	0	16	32	9	23
New Mexico.....	23	0	0	0	23	10	13
New York.....	56	21	21	0	35	35	0
North Carolina.....	156	0	0	0	156	66	90
North Dakota.....	7	0	0	0	7	6	1
Ohio.....	129	78	11	67	51	26	25
Oklahoma.....	0	0	0	0	0	0	0
Oregon.....	170	152	51	101	18	9	9
Pennsylvania.....	4,611	4,581	3,829	752	30	10	20
Rhode Island.....	13	0	0	0	13	6	7
South Carolina.....	0	0	0	0	0	0	0
South Dakota.....	15	15	11	4	0	0	0
Tennessee.....	53	9	5	4	44	18	26
Texas.....	114	114	32	82	0	0	0
Utah.....	2	0	0	0	2	2	0
Vermont.....	37	11	4	7	26	8	18
Virginia.....	305	110	40	70	195	69	126
Washington.....	0	0	0	0	0	0	0
West Virginia.....	5	0	0	0	5	0	5
Wisconsin.....	4	4	4	0	0	0	0
Wyoming.....	0	0	0	0	0	0	0
Outlying areas.....	123	95	10	85	28	6	22
American Samoa.....	0	0	0	0	0	0	0
Guam.....	0	0	0	0	0	0	0
Northern Marianas.....	0	0	0	0	0	0	0
Puerto Rico.....	113	95	10	85	18	2	16
Trust Terr., Pac. Is.....	0	0	0	0	0	0	0
Virgin Islands.....	10	0	0	0	10	4	6

Note.--These institutions were formerly included in HEGIS and are accredited at the college level, an agency recognized by the Secretary of Education.



**Table 5.--First-professional degrees in institutions of higher education, by control of institution, sex of student, and State or other area: 1986-87**

State or other area	Total	Public			Private								
		Total	Men	Women	Total	Men	Women	Nonprofit			For-profit		
								Total	Men	Women	Total	Men	Women
50 States and D.C.....	71,617	29,346	18,610	10,736	42,271	27,913	14,358	41,873	27,694	14,179	398	219	179
Alabama.....	797	538	384	154	259	202	57	259	202	57	0	0	0
Alaska.....													
Arizona.....	352	352	205	147	0	0	0	0	0	0	0	0	0
Arkansas.....	319	319	226	93	0	0	0	0	0	0	0	0	0
California.....	7,850	2,333	1,344	989	5,517	3,376	2,141	5,119	3,157	1,962	398	219	179
Colorado.....	853	440	247	193	413	251	162	413	251	162	0	0	0
Connecticut.....	947	322	190	132	625	407	218	625	407	218	0	0	0
Delaware.....	245	0	0	0	245	158	87	245	158	87	0	0	0
District of Columbia.....	2,681	0	0	0	2,681	1,547	1,134	2,681	1,547	1,134	0	0	0
Florida.....	2,105	946	596	350	1,159	714	445	1,159	714	445	0	0	0
Georgia.....	1,990	621	390	231	1,369	957	412	1,369	957	412	0	0	0
Hawaii.....	137	137	69	68	0	0	0	0	0	0	0	0	0
Idaho.....	68	68	54	14	0	0	0	0	0	0	0	0	0
Illinois.....	4,429	1,028	708	320	3,401	2,321	1,080	3,401	2,321	1,080	0	0	0
Indiana.....	1,518	886	562	324	632	486	146	632	486	146	0	0	0
Iowa.....	1,315	532	367	165	783	599	184	783	599	184	0	0	0
Kansas.....	655	630	409	221	25	17	8	25	17	8	0	0	0
Kentucky.....	1,113	652	411	241	461	383	78	461	383	78	0	0	0
Louisiana.....	1,392	687	471	216	705	471	234	705	471	234	0	0	0
Maine.....	163	67	43	24	96	70	26	96	70	26	0	0	0
Maryland.....	1,122	911	573	338	211	171	40	211	171	40	0	0	0
Massachusetts.....	3,732	103	57	46	3,629	2,172	1,457	3,629	2,172	1,457	0	0	0
Michigan.....	2,504	1,611	1,037	574	893	662	231	893	662	231	0	0	0
Minnesota.....	1,529	697	413	284	832	559	273	832	559	273	0	0	0
Mississippi.....	461	333	230	103	128	108	20	128	108	20	0	0	0
Missouri.....	2,275	679	447	232	1,596	1,236	360	1,596	1,236	360	0	0	0
Montana.....	74	74	50	24	0	0	0	0	0	0	0	0	0
Nebraska.....	752	386	237	149	366	279	87	366	279	87	0	0	0
Nevada.....	42	42	28	14	0	0	0	0	0	0	0	0	0
New Hampshire.....	173	0	0	0	173	107	66	173	107	66	0	0	0
New Jersey.....	1,753	831	514	317	922	696	226	922	696	226	0	0	0
New Mexico.....	170	170	90	80	0	0	0	0	0	0	0	0	0
New York.....	6,943	1,281	743	538	5,662	3,489	2,173	5,662	3,489	2,173	0	0	0
North Carolina.....	1,620	669	391	278	951	651	300	951	651	300	0	0	0
North Dakota.....	117	117	83	34	0	0	0	0	0	0	0	0	0
Ohio.....	3,341	2,099	1,367	732	1,242	888	354	1,242	888	354	0	0	0
Oklahoma.....	999	614	420	194	385	271	114	385	271	114	0	0	0
Oregon.....	899	324	210	114	575	424	151	575	424	151	0	0	0
Pennsylvania.....	3,727	1,153	721	432	2,574	1,658	916	2,574	1,658	916	0	0	0
Rhode Island.....	78	2	2	0	76	46	30	76	46	30	0	0	0
South Carolina.....	738	514	363	151	224	190	34	224	190	34	0	0	0
South Dakota.....	140	125	78	47	15	12	3	15	12	3	0	0	0

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

**Table 5.--First-professional degrees in institutions of higher education, by control of institution, sex of student, and State or other area: 1986-87 -- continued**

State or other area	Total	Public			Private								
		Total	Men	Women	Total	Men	Women	Nonprofit			For-profit		
								Total	Men	Women	Total	Men	Women
Tennessee.....	1,305	660	461	199	645	489	156	645	489	156	0	0	0
Texas.....	4,028	2,576	1,615	961	1,452	938	514	1,452	938	514	0	0	0
Utah.....	365	217	150	67	148	121	27	148	121	27	0	0	0
Vermont.....	77	77	47	30	0	0	0	0	0	0	0	0	0
Virginia.....	1,597	1,153	748	405	444	291	153	444	291	153	0	0	0
Washington.....	901	458	275	183	443	260	183	443	260	183	0	0	0
West Virginia.....	329	329	234	95	0	0	0	0	0	0	0	0	0
Wisconsin.....	838	524	312	212	314	236	78	314	236	78	0	0	0
Wyoming.....	59	59	38	21	0	0	0	0	0	0	0	0	0
Outlying areas.....	503	322	196	126	181	122	59	181	122	59	0	0	0
American Samoa.....													
Guam.....													
Northern Marianas.....													
Puerto Rico.....	503	322	196	126	181	122	59	181	122	59	0	0	0
Trust Terr., Pac. Is.....													
Virgin Islands.....													

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.



Table 6.--Less-than-4-year degrees and other awards in institutions of higher education, by level of award, sex of student, and State or other area: 1986-87

State or other area	Total	Less-than-1-year			1-but-less-than-2-year			Associate's degrees			2-but-less-than-4-year		
		Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
50 States and D.C.....	588,963	43,552	20,883	22,669	99,826	42,049	57,777	436,308	190,842	245,466	9,277	6,021	3,256
Alabama.....	21,233	1,213	826	387	3,963	1,346	2,617	15,396	10,798	4,598	661	602	59
Alaska.....	931	72	32	40	117	72	45	742	282	460	0	0	0
Arizona.....	8,245	1,402	963	439	1,752	952	800	5,040	2,299	2,741	51	2	49
Arkansas.....	3,429	59	1	58	1,099	299	800	2,263	891	1,372	8	6	2
California.....	64,817	2,940	1,752	1,188	13,149	6,170	6,979	46,724	20,420	26,304	2,004	1,237	767
Colorado.....	7,627	659	355	304	1,081	509	572	5,756	3,011	2,745	131	59	72
Connecticut.....	5,221	148	48	100	218	67	151	4,842	1,831	3,011	13	3	10
Delaware.....	1,425	77	71	6	195	43	152	1,153	370	783	0	0	0
District of Columbia.....	520	61	13	48	43	26	17	369	187	182	47	12	35
Florida.....	39,433	4,434	2,358	2,076	5,468	1,978	3,490	29,396	13,408	15,988	135	56	79
Georgia.....	10,490	651	172	479	2,998	1,319	1,679	6,732	2,689	4,043	109	82	27
Hawaii.....	2,784	0	0	0	434	138	296	2,350	1,173	1,177	0	0	0
Idaho.....	3,059	10	9	1	722	374	348	2,297	953	1,344	30	16	14
Illinois.....	37,394	4,792	2,253	2,539	8,614	3,383	5,231	23,961	10,475	13,486	27	27	0
Indiana.....	11,754	615	131	484	2,458	675	1,783	8,681	4,606	4,075	0	0	0
Iowa.....	12,469	1,931	834	1,097	3,252	1,488	1,764	7,236	3,533	3,703	50	26	24
Kansas.....	7,087	889	472	417	653	272	381	5,410	2,309	3,101	135	57	78
Kentucky.....	5,999	186	41	145	600	167	433	5,150	1,892	3,258	63	33	30
Louisiana.....	3,301	299	62	237	311	49	262	2,603	1,121	1,482	88	35	53
Maine.....	2,751	124	24	100	463	236	227	2,030	861	1,169	134	121	13
Maryland.....	8,595	0	0	0	1,392	568	824	7,129	2,618	4,511	74	26	48
Massachusetts.....	15,572	935	128	807	879	238	641	13,616	4,651	8,965	142	72	70
Michigan.....	26,816	1,122	587	535	3,781	1,739	2,042	21,834	8,343	13,491	79	16	63
Minnesota.....	1,956	1,181	323	858	2,589	1,471	1,118	7,527	3,117	4,410	659	349	310
Mississippi.....	6,583	184	96	88	1,729	560	1,169	4,332	1,565	2,767	338	282	56
Missouri.....	9,136	1,339	477	862	1,108	576	532	6,492	2,820	3,672	197	79	118
Montana.....	852	0	0	0	100	63	37	734	286	448	18	6	12
Nebraska.....	4,564	531	279	252	992	329	663	2,918	1,624	1,294	123	58	65
Nevada.....	997	8	2	6	105	19	86	884	396	488	0	0	0
New Hampshire.....	2,661	104	27	77	176	31	145	2,372	1,002	1,370	9	2	7
New Jersey.....	10,558	119	37	82	861	174	687	9,534	3,560	5,974	44	10	34
New Mexico.....	3,479	368	140	228	1,331	709	622	1,766	739	1,027	14	14	0
New York.....	55,188	1,169	566	603	5,740	1,349	4,391	47,956	19,370	28,586	323	71	252
North Carolina.....	17,236	1,981	872	1,109	4,532	2,269	2,263	10,659	3,925	6,734	64	24	40
North Dakota.....	2,776	129	89	40	616	379	237	1,980	1,024	956	51	26	25
Ohio.....	22,161	811	383	428	3,174	2,115	1,059	17,850	7,986	9,864	326	290	36
Oklahoma.....	6,357	0	0	0	1,019	865	154	5,338	2,640	2,698	0	0	0
Oregon.....	6,585	779	331	448	998	321	677	4,673	2,379	2,294	135	78	57
Pennsylvania.....	24,542	3,181	1,928	1,253	2,300	1,240	1,060	18,629	8,384	10,245	432	391	41
Rhode Island.....	4,024	61	2	59	147	14	127	3,822	2,002	1,820	0	0	0
South Carolina.....	6,222	21	0	21	1,233	352	881	4,766	1,868	2,898	202	157	45
South Dakota.....	961	8	1	7	95	14	81	793	169	624	65	28	37
Tennessee.....	6,642	374	43	331	656	289	367	5,568	1,965	3,603	44	21	23
Texas.....	29,891	1,813	1,173	640	6,697	2,788	3,909	20,816	9,581	11,235	565	365	180
Utah.....	4,548	423	188	235	772	345	427	3,151	1,631	1,520	202	138	64

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

**Table 6.--Less-than-4-year degrees and other awards in institutions of higher education, by level of award, sex of student, and State or other area: 1986-87 -- continued**

State or other area	Total	Less-than-1-year			1-but-less-than-2-year			Associate's degrees			2-but-less-than-4-year		
		Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
Connecticut.....	1,192	4	3	1	60	24	36	1,128	439	689	0	0	0
Virginia.....	10,228	1,203	486	717	1,654	642	1,012	7,037	2,832	4,205	334	236	98
Washington.....	16,413	1,403	335	1,068	2,722	945	1,777	12,278	5,612	6,666	10	3	7
West Virginia.....	2,817	4	0	4	250	55	195	2,563	893	1,670	0	0	0
Wisconsin.....	16,798	2,673	928	1,745	4,312	1,906	2,406	8,723	3,689	5,034	1,090	859	231
Wyoming.....	2,644	1,062	1,042	20	222	97	125	1,309	623	686	51	26	25
Outlying areas.....	5,197	128	88	40	523	191	332	4,508	1,385	3,123	38	18	20
American Samoa.....													
Hawaii.....	160	76	71	5	17	10	7	67	32	35	0	0	0
Northern Marianas.....	15	0	0	0	0	0	0	15	6	9	0	0	0
Puerto Rico.....	4,869	47	12	35	434	128	306	4,350	1,331	3,019	38	18	20
Trust Terr., Pac. Is.....	87	5	5	0	72	53	19	10	4	6	0	0	0
Virgin Islands.....	66	0	0	0	0	0	0	66	12	54	0	0	0

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

Table 7.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program area:  
50 States and D.C., 1986-87

Program area	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Total.....	1,314,654	991,264	480,782	510,482	289,349	141,269	148,080	34,041	22,061	11,980
Agriculture and natural resources.....	19,562	14,991	10,314	4,677	3,522	2,460	1,062	1,049	871	178
Architecture and environmental design.....	12,205	8,950	5,617	3,333	3,163	2,086	1,077	92	66	26
Area and ethnic studies.....	4,295	3,308	1,250	2,058	855	458	397	132	73	59
Business and management.....	309,701	241,101	128,921	112,180	67,504	45,219	22,285	1,096	837	259
Communications.....	47,848	43,953	17,386	26,567	3,622	1,441	2,181	273	157	116
Communications technologies..	1,712	1,439	767	672	271	149	122	2	1	1
Computer and information sciences.....	48,444	39,589	25,865	13,724	8,481	5,985	2,496	374	322	52
Education.....	169,467	87,083	20,759	66,324	75,475	19,636	55,839	6,909	3,117	3,792
Engineering.....	99,692	73,839	62,567	11,272	22,046	19,279	2,767	3,807	3,546	261
Engineering technology.....	19,880	19,257	17,780	1,477	612	529	83	11	9	2
Foreign languages.....	12,384	10,197	2,792	7,405	1,746	517	1,229	441	184	257
Health sciences.....	82,846	63,213	9,177	54,036	18,420	3,885	14,535	1,213	564	649
Home economics.....	17,308	14,942	1,116	13,826	2,069	256	1,813	297	65	232
Law.....	3,241	1,178	370	808	1,943	1,423	520	120	79	41
Letters.....	44,437	37,132	12,680	24,452	6,124	2,141	3,983	1,181	515	666
Liberal/general studies.....	22,524	21,366	9,315	12,051	1,129	460	669	29	15	14
Library and archival sciences.....	4,012	140	20	120	3,815	796	3,019	57	18	39
Life sciences.....	46,492	38,121	19,657	18,464	4,952	2,538	2,414	3,419	2,225	1,194
Mathematics.....	20,488	16,444	8,792	7,652	3,319	2,022	1,297	725	599	126
Military sciences.....	503	384	358	26	119	118	1	0	0	0
Multi/interdisciplinary studies.....	19,711	16,399	7,597	8,802	3,036	1,763	1,273	276	174	102
Parks and recreation.....	4,625	4,107	1,636	2,471	476	213	263	32	20	12
Philosophy and religion.....	7,514	5,984	3,845	2,139	1,109	598	411	421	329	92
Theology.....	11,801	5,730	4,331	1,399	4,841	3,193	1,648	1,230	1,103	127
Physical sciences.....	29,372	20,070	14,372	5,698	5,629	4,219	1,410	3,673	3,039	634
Psychology.....	54,018	42,836	13,329	29,507	8,124	2,828	5,296	3,058	1,429	1,629
Protective services.....	13,967	12,930	7,974	4,956	1,019	719	300	18	15	3
Public affairs.....	31,604	14,176	4,840	9,636	17,030	6,189	10,841	398	216	182
Social sciences.....	109,484	95,173	53,870	42,303	10,395	6,293	4,102	2,916	2,026	890
Visual and performing arts...	45,527	36,232	13,785	22,447	8,503	3,756	4,747	792	447	345

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

**Table 8.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category:  
50 States and D.C., 1986-87**

Program category	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
<b>Total.....</b>	<b>1,314,654</b>	<b>991,264</b>	<b>480,762</b>	<b>510,482</b>	<b>289,349</b>	<b>141,269</b>	<b>148,080</b>	<b>34,041</b>	<b>22,061</b>	<b>11,980</b>
Agribusiness and Agricultural Production...	6,250	5,337	4,070	1,267	732	564	168	181	151	30
Agricultural Sciences.....	9,355	6,834	4,216	2,618	1,841	1,216	625	680	549	131
Renewable Natural Resources..	3,957	2,020	2,020	792	949	680	269	188	171	17
Architecture and Environmental Design.....	12,205	8,950	5,617	3,333	3,163	2,086	1,077	92	66	26
Area and Ethnic Studies.....	4,295	3,308	1,250	2,058	855	458	397	132	73	59
Business and Management.....	302,054	233,597	126,662	106,935	67,361	45,145	22,216	1,096	837	259
Business (Administrative Support).....	3,228	3,184	791	2,393	44	28	16	0	0	0
Marketing and Distribution...	4,349	4,250	1,415	2,835	99	46	53	0	0	0
Communications.....	47,848	43,953	17,386	26,567	3,622	1,441	2,181	273	157	116
Communications Technologies..	1,712	1,439	767	672	271	149	122	2	1	1
Computer and Information Sciences.....	48,444	39,589	25,065	13,724	8,481	5,985	2,496	374	322	52
Consumer, Personal and Misc Services.....	70	70	53	17	0	0	0	0	0	0
Education.....	169,467	87,083	20,759	66,324	75,475	19,636	55,839	6,909	3,117	3,792
Engineering.....	99,692	73,839	62,567	11,272	22,046	19,279	2,767	3,807	3,546	261
Engr and Engr Related Technologies.....	19,666	19,043	17,576	1,467	612	529	83	11	9	2
Foreign Languages.....	12,384	10,197	2,792	7,405	1,746	517	1,229	441	184	257
Allied Health.....	15,759	12,722	2,427	10,295	2,977	700	2,277	60	31	29
Health Sciences.....	67,087	50,491	6,750	43,741	15,443	3,185	12,258	1,153	533	620
Home Economics.....	16,117	13,898	865	13,033	1,972	241	1,731	247	57	190
Vocational Home Economics....	1,191	1,044	251	793	97	15	82	50	8	42
Law.....	3,241	1,178	370	808	1,943	1,423	520	120	79	41
Letters.....	44,437	37,132	12,680	24,452	6,124	2,141	3,983	1,181	515	666
Liberal/General Studies.....	22,524	21,366	9,315	12,051	1,129	460	669	29	15	14
Library and Archival Sciences.....	4,012	140	20	120	3,815	796	3,019	57	18	39
Life Sciences.....	46,492	38,121	19,657	18,464	4,952	2,538	2,414	3,419	2,225	1,194
Mathematics.....	20,488	16,444	8,792	7,652	3,319	2,022	1,297	725	599	126
Military Sciences.....	451	383	357	26	68	67	1	0	0	0
Military Technologies.....	52	1	1	0	51	51	0	0	0	0
Multi/Interdisciplinary Studies.....	19,711	16,399	7,597	8,802	3,036	1,763	1,273	276	174	102
Parks and Recreation.....	4,615	4,107	1,636	2,471	476	213	263	32	20	12
Philosophy and Religion.....	7,514	5,984	3,845	2,139	1,109	698	411	421	329	92
Theology.....	11,801	5,730	4,331	1,399	4,841	3,193	1,648	1,230	1,103	127
Physical Sciences.....	29,278	19,981	14,323	5,658	5,625	4,217	1,408	3,672	3,038	634
Science Technologies.....	94	89	49	40	4	2	2	1	1	0
Psychology.....	54,118	42,836	13,329	29,507	8,124	2,828	5,296	3,058	1,429	1,629
Protective Services.....	13,967	12,930	7,974	4,956	1,019	719	300	18	15	3
Public Affairs.....	29,517	12,522	3,069	9,453	16,597	5,769	10,828	398	216	182

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Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.



**Table 8.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category:  
50 States and D.C., 1986-87 -- continued**

Program category	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Social Sciences.....	109,484	96,173	53,870	42,303	10,395	6,293	4,102	2,916	2,026	890
Construction Trades.....	27	27	22	5	0	0	0	0	0	0
Mechanics and Repairers.....	187	187	182	5	0	0	0	0	0	0
Precision Production.....	426	423	199	224	3	2	1	0	0	0
Transportation and Material Moving.....	2,087	1,654	1,471	183	433	420	13	0	0	0
Visual and Performing Arts...	45,101	35,809	13,586	22,223	8,500	3,754	4,746	792	447	345

Note.--These institutions were formerly included in HEOIS and are accredited at the college level by an agency recognized by the Secretary of Education.

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
<b>Total.....</b>	<b>1,314,654</b>	<b>991,264</b>	<b>480,782</b>	<b>510,482</b>	<b>289,349</b>	<b>141,269</b>	<b>148,080</b>	<b>34,041</b>	<b>22,061</b>	<b>11,980</b>
Agribusiness and Agricultural Production...	6,250	5,337	4,070	1,267	732	564	168	181	151	30
Agricultural Business and Mgmt, Gen.....	479	424	310	114	51	37	14	4	4	0
Agricultural Business.....	1,385	1,361	1,076	285	24	21	3	0	0	0
Agricultural Economics.....	2,565	1,978	1,532	446	453	349	104	134	111	23
Farm and Ranch Management..	105	101	96	5	4	4	0	0	0	0
Agricultural Business and Mgmt, Oth.....	54	51	38	13	3	3	0	0	0	0
Agricultural Mechanics, General.....	247	235	232	3	12	12	0	0	0	0
Agricult Mech, Constr, & Maint Skills.....	9	9	9	0	0	0	0	0	0	0
Agricultural Power Machinery.....	3	3	3	0	0	0	0	0	0	0
Agricultural Mechanics, Other.....	33	32	32	0	1	0	1	0	0	0
Agricultural Production, General.....	75	63	50	13	12	10	2	0	0	0
Animal Production.....	74	65	52	13	5	4	1	4	3	1
Aquaculture.....	50	9	9	0	36	34	2	5	5	0
Crop Production.....	16	0	0	0	9	8	1	7	6	1
Agricultural Production, Other.....	9	5	5	0	4	3	1	0	0	0
Agricultural Products & Processing, Gen.....	1	0	0	0	1	1	0	0	0	0
Food Products.....	5	5	3	2	0	0	0	0	0	0
Agricultural Products & Processing, Oth.....	9	9	6	3	0	0	0	0	0	0
Agricultural Serv & Supplies, General.....	2	2	0	2	0	0	0	0	0	0
Agricultural Services.....	5	5	3	2	0	0	0	0	0	0
Animal Training.....	21	21	0	21	0	0	0	0	0	0
Horse Handling and Care....	10	10	0	10	0	0	0	0	0	0
Agricultural Serv & Supplies, Other.....	3	3	1	2	0	0	0	0	0	0
Horticulture, General.....	151	111	65	46	31	20	11	9	7	2
Ornamental Horticulture....	293	273	177	96	18	12	6	2	2	0
Landscaping.....	31	31	26	5	0	0	0	0	0	0
Horticulture, Other.....	1	0	0	0	0	0	0	1	1	0
International Agriculture..	39	26	16	10	13	10	3	0	0	0
Agribusiness & Agricult Prod, Oth.....	575	505	329	176	55	36	19	15	12	3
Agricultural Sciences.....	9,355	6,834	4,216	2,618	1,841	1,216	625	680	549	131

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.



Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's			
		Total	Men	Women	Total	Men	Women	Total	Men	Women	
<b>Agricultural Sciences,</b>											
General.....	1,402	1,185	829	356	216	154	62	1	1	0	
Animal Sciences, General...	3,292	2,718	1,455	1,263	435	269	166	139	113	26	
Animal Breeding and Genetics.....	12	0	0	0	9	5	4	3	3	0	
Animal Health.....	37	16	8	8	13	4	9	2	2	0	
Animal Nutrition.....	2(1)	0	0	0	10	5	5	10	6	4	
Dairy.....	264	197	137	60	53	42	11	14	12	2	
Poultry.....	130	98	75	23	21	13	8	11	8	3	
Animal Sciences, Other.....	211	152	76	76	42	26	16	17	16	1	
Food Sciences.....	646	489	230	259	247	121	126	110	73	37	
Plant Sciences, General....	306	226	161	65	63	45	18	17	15	2	
Agronomy.....	1,269	739	609	130	348	274	74	182	161	21	
Horticulture Science.....	851	624	363	261	158	100	58	69	49	20	
Plant Protection (Pest Management).....	61	36	28	8	24	15	9	1	1	0	
Range Management.....	170	88	65	23	55	38	17	27	24	3	
Plant Sciences, Other.....	24	19	17	2	4	3	1	1	1	0	
Soil Sciences.....	323	140	99	41	116	84	32	67	59	8	
Agricultural Sciences, Other.....	143	107	64	43	27	18	9	9	5	4	
<b>Renewable Natural Resources..</b>	<b>3,957</b>	<b>2,820</b>	<b>2,028</b>	<b>792</b>	<b>949</b>	<b>680</b>	<b>269</b>	<b>188</b>	<b>171</b>	<b>17</b>	
Renewable Natural Resources, General.....	922	686	428	258	197	127	70	39	31	8	
Conservation and Regulation, General.....	105	104	80	24	1	0	1	0	0	0	
Conservation.....	102	82	55	27	20	16	4	0	0	0	
Resources Protection and Regulation.....	12	12	5	7	0	0	0	0	0	0	
Conservation & Regulation, Other.....	8	7	3	4	1	1	0	0	0	0	
Fishing and Fisheries.....	223	127	103	24	77	60	17	19	19	0	
Forestry Prod and Processing, General.....	182	125	100	25	43	36	7	14	14	0	
Forest Products Utilization.....	1	1	1	0	0	0	0	0	0	0	
Forest Products Processing Technology.....	75	70	61	9	5	5	0	0	0	0	
Forestry Prod & Processing, Other.....	7	7	7	0	0	0	0	0	0	0	
Forestry & Related Sciences, General.....	860	466	362	104	310	215	95	84	77	7	
Forestry Science.....	137	85	66	19	48	36	12	4	4	0	
Forest Engineering.....	26	18	17	1	7	6	1	1	1	0	

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 - continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Forest Management.....	254	214	174	40	38	31	7	2	2	0
Wood Science.....	74	44	39	5	27	23	4	3	3	0
Forestry and Related Sciences, Other.....	45	45	34	11	0	0	0	0	0	0
Wildlife Management.....	739	593	396	197	130	91	39	16	14	2
Renewable Natural Resources, Other.....	185	134	97	37	45	33	12	6	6	0
Architecture and Environmental Design.....	12,205	8,950	5,617	3,333	3,163	2,086	1,077	92	66	26
Architecture & Environmental Design, Gen.....	771	742	515	227	26	11	15	3	2	1
Architecture.....	6,045	4,378	3,277	1,101	1,643	1,185	458	24	21	3
City, Community, & Regional Planning.....	1,180	309	221	88	815	532	283	56	35	21
Environmental Design.....	727	690	464	226	36	18	18	1	0	1
Interior Design.....	1,493	1,456	160	1,296	37	4	33	0	0	0
Landscape Architecture.....	1,084	812	544	268	271	125	146	1	1	0
Urban Design.....	85	2	2	0	81	54	27	2	2	0
Architecture & Environmental Design, Oth.....	820	561	434	127	254	157	97	5	5	0
Area and Ethnic Studies.....	4,295	3,308	1,250	2,058	855	458	397	132	73	59
African Studies.....	36	19	7	12	14	7	7	3	0	3
American Studies.....	1,267	1,024	371	653	173	64	109	70	31	39
Asian Studies, General.....	325	266	114	152	58	33	25	1	1	0
East Asian Studies.....	389	295	135	160	78	52	26	16	11	5
Eastern European Studies...	101	96	44	52	5	4	1	0	0	0
European Studies, General..	106	71	9	62	35	33	2	0	0	0
Latin American Studies.....	380	224	73	151	156	78	78	0	0	0
Middle Eastern Studies.....	159	67	28	39	77	54	23	15	11	4
Pacific Area Studies.....	7	0	0	0	7	2	5	0	0	0
Russian and Slavic Studies.	349	251	116	135	97	57	40	1	0	1
Scandinavian Studies.....	16	11	1	10	4	1	3	1	0	1
South Asian Studies.....	21	8	3	5	10	6	4	3	3	0
Southeast Asian Studies....	7	5	2	3	2	1	1	0	0	0
Western European Studies...	51	41	7	34	10	2	8	0	0	0
Canadian Studies.....	7	6	1	5	1	1	0	0	0	0
Area Studies, Other.....	407	386	131	255	15	8	7	6	3	3
Afro-American (Black) Studies.....	167	150	66	84	17	7	10	0	0	0
American Indian Studies....	24	22	10	12	2	0	2	0	0	0
Hispanic-American Studies..	60	47	18	29	13	4	9	0	0	0

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 - continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Islamic Studies.....	2	0	0	0	1	0	1	1	1	0
Jewish Studies.....	157	138	50	88	19	13	6	0	0	0
Ethnic Studies, Other.....	45	29	8	21	9	3	6	7	4	3
Area and Ethnic Studies, Other.....	212	152	56	96	52	28	24	8	8	0
<b>Business and Management.....</b>	<b>302,054</b>	<b>233,597</b>	<b>126,662</b>	<b>106,935</b>	<b>67,361</b>	<b>42,145</b>	<b>22,216</b>	<b>1,096</b>	<b>837</b>	<b>259</b>
Business and Management, General.....	53,832	41,776	22,663	19,113	11,881	8,197	3,684	175	145	30
Accounting.....	46,782	43,801	21,250	22,551	2,928	1,725	1,195	61	44	17
Banking and Finance.....	28,914	24,331	15,815	8,516	4,516	3,166	1,350	67	60	7
Business Administration and Mgmt, Gen.....	100,140	65,978	36,471	29,507	33,652	22,710	10,942	510	369	141
Contract Management & Procurement/Purchasing.....	1,185	854	438	416	331	224	107	0	0	0
Product Management.....	401	306	234	72	94	81	13	1	1	0
Business Administration Management, Oth.....	3,052	1,170	702	476	1,861	1,218	643	13	11	2
Business Economics.....	3,815	3,555	2,346	1,209	201	143	58	59	51	8
Human Resources Development.....	1,664	872	420	452	784	402	382	8	5	3
Hotel/Motel Management.....	3,160	3,062	1,577	1,485	97	54	43	1	1	0
Recreational Enterprises Management.....	227	206	129	77	20	11	9	1	1	0
Resort Management.....	8	8	6	2	0	0	0	0	0	0
Restaurant Management.....	97	90	45	45	7	2	5	0	0	0
Transportation Management, Institutional Management, Other.....	668	595	419	176	72	63	9	1	1	0
Insurance and Risk Management.....	900	852	405	447	48	29	19	0	0	0
International Business Management.....	431	397	254	143	33	25	8	1	1	0
Investments and Securities, Labor/Industrial Relations, Management Information Systems.....	2,859	1,109	487	622	1,734	1,174	560	16	12	4
Operations Res (Quantitative Methods)..	411	269	169	100	142	113	29	0	0	0
Management Science, General.....	1,721	1,062	538	524	644	291	353	15	10	5
Management Science, Other..	4,544	3,436	1,975	1,461	1,099	797	302	9	7	2
Marketing Management.....	1,225	742	437	305	447	333	114	36	30	6
Marketing Research.....	222	185	129	56	37	28	9	0	0	0
Marketing Mgmt and Research, Other.....	1,527	1,280	762	518	236	185	51	11	8	3
	29,808	28,098	13,663	14,435	1,680	893	787	30	21	9
	343	319	183	136	23	11	12	1	1	0
	1,285	1,158	600	558	125	80	45	2	2	0

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Organizational Behavior....	649	479	194	285	150	68	82	20	12	8
Personnel Management.....	2,017	1,752	809	943	265	144	121	0	0	0
Real Estate.....	1,045	838	590	248	206	173	33	1	1	0
Small Business Mgmt & Ownership.....	75	70	51	19	5	3	2	0	0	0
Taxation.....	1,016	0	0	0	1,016	708	308	0	0	0
Trade & Indust Supv & Mgmt. Business and Management, Other.....	7,266	4,243	2,360	1,883	2,966	2,034	932	57	43	14
Business (Administrative Support).....	3,228	3,184	791	2,393	44	28	16	0	0	0
Accountg, Bookkeepg, & Related Progs, Gen.....	167	130	60	70	37	25	12	0	0	0
Accounting and Computing... Bookkeeping.....	136	136	60	76	0	0	0	0	0	0
Banking & Related Financial Progs, Gen....	4	4	2	2	0	0	0	0	0	0
Business Data Progs, & Rel Progs, Gen.....	8	8	5	3	0	0	0	0	0	0
Business Data Programming.. Business Systems Analysis..	653	649	380	269	4	3	1	0	0	0
Business Data Proc & Related Progs, Oth.....	37	37	22	15	0	0	0	0	0	0
Business Systems Analysis.. Business Data Proc & Related Progs, Oth.....	141	141	75	66	0	0	0	0	0	0
Office Supervision and Management.....	41	41	17	24	0	0	0	0	0	0
Personnel & Training Progs, Gen.....	1,302	1,302	104	1,198	0	0	0	0	0	0
Secretarial & Rel Progs, Gen.....	1	1	1	0	0	0	0	0	0	0
Court Reporting.....	486	486	32	454	0	0	0	0	0	0
Executive Secretarial.....	16	16	0	16	0	0	0	0	0	0
Legal Secretarial.....	41	41	1	40	0	0	0	0	0	0
Medical Secretarial.....	5	5	0	5	0	0	0	0	0	0
Secretarial.....	1	1	0	1	0	0	0	0	0	0
Secretarial & Related Programs, Other.....	61	61	2	59	0	0	0	0	0	0
Typing, Gen Office, & Rel Progs, Gen.....	10	10	0	10	0	0	0	0	0	0
Word Processing.....	19	16	6	10	3	0	3	0	0	0
Business & Administrative Support, Oth.....	12	12	0	12	0	0	0	0	0	0
Marketing and Distribution...	87	87	24	63	0	0	0	0	0	0
Apparel & Accessories Marketing, Gen.....	4,349	4,250	1,415	2,835	99	46	53	0	0	0
	417	417	16	401	0	0	0	0	0	0

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.



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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 - continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Fashion Merchandising.....	1,134	1,129	24	1,105	5	1	4	0	0	0
Apparel & Accessories										
Mktg, Other.....	1	1	0	1	0	0	0	0	0	0
Business & Personal Serv										
Marketing, Gen.....	558	558	317	241	0	0	0	0	0	0
Marketing of Business or										
Personal Serv.....	200	200	102	98	0	0	0	0	0	0
Entrepreneurship.....	71	63	45	18	6	6	2	0	0	0
Financial Services										
Marketing.....	35	35	23	12	0	0	0	0	0	0
Food Marketing, General....	13	13	5	8	0	0	0	0	0	0
Industrial Sales.....	171	171	140	31	0	0	0	0	0	0
International Marketing....	89	48	24	24	41	18	23	0	0	0
Retailing.....	215	215	29	186	0	0	0	0	0	0
Sales.....	79	79	61	18	0	0	0	0	0	0
Marketing, General.....	125	117	65	52	8	6	2	0	0	0
General Marketing, Other...	634	634	299	335	0	0	0	0	0	0
Specialty Home Furnishings										
Mktg.....	13	13	9	4	0	0	0	0	0	0
Hospitality & Recreation										
Marketing, Gen.....	17	17	10	7	0	0	0	0	0	0
Marketing of Recreational										
Services.....	46	46	45	1	0	0	0	0	0	0
Hospitality & Recreation										
Mktg, Oth.....	51	51	20	31	0	0	0	0	0	0
Insurance Marketing.....	4	4	2	2	0	0	0	0	0	0
Transportation & Travel										
Marketing, Gen.....	39	39	13	26	0	0	0	0	0	0
Tourism.....	196	159	43	116	37	15	22	0	0	0
Transportation & Travel										
Marketing, Oth.....	11	11	6	5	0	0	0	0	0	0
Vehicles & Petroleum										
Marketing, Gen.....	5	5	0	5	0	0	0	0	0	0
Marketing and										
Distribution, Other.....	225	225	117	108	0	0	0	0	0	0
Communications.....	47,848	43,953	17,386	26,567	3,622	1,441	2,181	273	157	116
Communications, General....	21,854	20,227	7,674	12,553	1,423	551	872	204	113	91
Advertising.....	7,834	2,665	948	1,717	165	70	95	4	2	2
Communications Research....	120	106	20	78	3	2	1	11	7	4
Journalism (Mass										
Communications).....	12,133	10,891	3,963	6,928	1,217	481	736	25	18	7
Public Relations.....	1,436	1,376	405	971	60	13	47	0	0	0
Radio/Television News										
Broadcasting.....	952	942	428	514	10	1	9	0	0	0
Radio/Television, General..	5,860	5,604	3,032	2,572	244	132	112	12	9	3

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Telecommunications.....	382	374	204	170	8	4	4	0	0	0
Communications, Other.....	2,277	1,768	704	1,064	492	187	305	17	8	9
Communications Technologies..	1,712	1,439	767	672	271	149	122	2	1	1
Educational Media										
Technology.....	22	10	9	1	12	6	6	0	0	0
Motion Picture Technology..	55	55	43	12	0	0	0	0	0	0
Photographic Technology....	27	27	14	13	0	0	0	0	0	0
Radio & Tele Prod & Broadcasting Tech.....	1,433	1,233	646	587	198	106	92	2	1	1
Communication Technologies, Other.....	175	114	55	59	61	37	24	0	0	0
Computer and Information Sciences.....	48,444	39,589	25,865	13,724	8,481	5,985	2,496	374	322	52
Computer & Information Sciences, General.....	39,129	31,713	21,078	10,635	7,066	5,109	1,957	350	306	44
Computer Programming.....	386	346	270	76	40	32	8	0	0	0
Data Processing.....	787	754	418	336	33	23	10	0	0	0
Information Sciences and Systems.....	5,659	4,678	2,770	1,908	964	544	420	17	12	5
Systems Analysis.....	603	454	275	179	149	121	28	0	0	0
Computer and Information Sciences, Other.....	1,880	1,644	1,054	590	229	156	73	7	4	3
Consumer, Personal and Misc Services.....	70	70	53	17	0	0	0	0	0	0
Funeral Services.....	66	66	53	13	0	0	0	0	0	0
Cosmetology.....	4	4	0	4	0	0	0	0	0	0
Education.....	169,467	87,083	20,759	66,324	75,475	19,636	55,839	6,909	3,117	3,792
Education, General.....	10,436	1,880	406	1,474	7,530	2,045	5,485	1,026	438	588
Bilingual/Crosscultural Education.....	541	141	12	129	369	103	266	31	18	13
Bilingual/Crosscultural Education, Oth.....	269	218	103	115	40	27	13	11	5	6
Curriculum and Instruction.	4,806	394	21	373	3,699	782	2,917	713	260	453
Education Administration, General.....	7,175	3	0	3	5,670	2,662	3,008	1,502	804	698
Administration of Special Education.....	43	3	0	3	22	9	13	18	6	12
Adult and Continuing Edu Adm.....	163	0	0	0	119	39	80	44	22	22

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Educational Supervision....	867	3	3	0	845	308	537	19	8	11
Elementary & Secondary Edu										
Admin.....	1,492	14	2	12	1,394	664	730	84	49	35
Higher Education										
Administration.....	654	2	2	0	293	102	191	359	165	194
Community College										
Education Admin.....	98	0	0	0	86	30	56	12	7	5
Education Administration,										
Other.....	620	0	0	0	536	223	313	84	36	48
Educational Media.....	825	28	6	22	765	181	584	32	18	14
Evaluation and Research,										
General.....	92	0	0	0	52	18	34	40	16	24
Educational Statistics &										
Research.....	87	1	0	1	36	18	18	50	24	26
Edu Testing, Evaluation, &										
Measurement.....	80	0	0	0	60	15	45	20	7	13
Higher Education Research..	13	0	0	0	6	5	1	7	2	5
Evaluation and Research,										
Other.....	11	0	0	0	4	2	2	7	4	3
International &										
Comparative Education...	67	0	0	0	56	15	41	11	5	6
School Psychology.....	2,098	158	33	125	1,438	344	1,094	502	186	316
Social Foundations.....	306	0	0	0	185	69	116	121	60	61
Special Education, General.	11,376	4,664	346	4,318	6,519	793	5,726	193	50	143
Edu of the Culturally										
Disadvantaged.....	3	0	0	0	3	0	3	0	0	0
Edu of the Deaf & Hearing										
Impaired.....	414	183	5	178	229	26	203	2	1	1
Education of the Gifted										
and Talented.....	157	2	0	2	162	11	151	3	0	3
Education of the										
Emotionally Handicapped.	425	169	15	154	254	44	210	2	1	1
Education of the Mentally										
Handicapped.....	762	554	47	507	206	23	183	2	1	1
Education of the Multiple										
Handicapped.....	160	66	6	60	94	6	88	0	0	0
Education of the										
Physically Handicapped..	96	42	1	41	51	2	49	3	0	3
Education of the Visually										
Handicapped.....	91	26	3	23	65	12	53	0	0	0
Remedial Education.....	42	0	0	0	42	0	42	0	0	0
Specific Learning										
Disabilities.....	933	285	8	277	634	57	577	14	2	12
Speech Correction.....	927	645	31	614	282	7	275	0	0	0
Special Education, Other...	656	360	30	330	285	44	241	11	6	5
Student Counseling &										
Personnel Services.....	9,858	103	23	80	9,314	2,395	6,919	441	213	228

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 - continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Adult and Continuing Education.....	741	79	25	54	553	161	392	109	42	67
Elementary Education.....	46,104	35,762	2,676	33,086	10,238	951	9,287	104	20	84
Junior High/Middle School Education.....	962	549	88	461	413	61	352	0	0	0
Pre-Elementary Education...	5,416	3,975	85	3,890	1,415	36	1,379	26	3	23
Secondary Education.....	6,753	3,482	1,413	2,069	3,174	1,126	2,048	97	55	42
Teacher Education, Gen Programs, Other.....	1,277	274	21	253	911	226	685	92	54	38
Agricultural Education.....	1,069	693	539	154	345	270	75	31	24	7
Art Education.....	1,880	1,211	216	995	620	143	477	49	18	31
Business Education.....	2,567	1,919	389	1,530	622	118	504	26	12	14
Driver and Safety Education.....	126	49	42	7	77	67	10	0	0	0
English Education.....	1,595	1,143	219	924	421	79	342	31	7	24
Foreign Languages Education.....	331	210	39	171	91	16	75	30	16	14
Health Education.....	2,457	1,694	416	1,278	679	134	545	84	29	55
Home Economics Education...	865	650	1	649	202	1	201	13	0	13
Industrial Arts Education..	2,965	2,315	2,087	228	611	488	123	39	22	17
Marketing and Distributive Education.....	272	236	101	135	35	10	25	1	1	0
Mathematics Education.....	1,930	1,419	512	907	478	164	314	33	14	19
Music Education.....	4,156	3,114	1,273	1,841	955	425	530	87	47	40
Nutritional Education.....	24	0	0	0	24	3	21	0	0	0
Physical Education.....	16,008	12,255	6,428	5,827	3,557	1,825	1,732	196	110	86
Reading Education.....	3,319	181	15	166	3,063	176	2,887	75	9	66
Science Education.....	1,743	1,215	505	710	481	212	269	47	32	15
Social Science Education...	742	619	346	273	119	39	80	4	2	2
Social Studies Education...	1,065	948	536	412	112	59	53	5	3	2
Technical Education.....	459	305	215	90	131	73	58	23	12	11
Trade and Industrial Education.....	1,997	1,284	981	303	635	348	287	78	53	25
Computer Education.....	110	7	2	5	103	47	56	0	0	0
Teacher Edu, Specific Subject Areas, Oth.....	1,776	767	253	514	962	331	631	47	25	22
Teach Eng as a Second Lang/Foreign Lang.....	666	16	4	12	649	183	466	1	0	1
Education, Other.....	3,439	768	229	539	2,454	783	1,671	217	93	124
Engineering.....	99,692	73,839	62,567	11,272	22,046	19,279	2,767	3,807	3,546	261
Engineering, General.....	4,020	2,746	2,301	445	1,046	920	126	228	216	12
Aerospace, Aeronautical, & Astron Engr.....	3,855	2,989	2,741	248	737	682	55	129	119	10
Agricultural Engineering...	778	559	498	61	151	138	13	68	63	5
Architectural Engineering..	515	465	380	85	50	45	5	0	0	0

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 - continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's			
		Total	Men	Women	Total	Men	Women	Total	Men	Women	
<b>Bioengineering &amp;</b>											
Biomedical Engineering..	1,008	637	411	226	313	231	82	58	47	11	
Ceramic Engineering.....	442	301	217	84	107	81	26	34	31	3	
Chemical Engineering.....	6,672	4,991	3,607	1,384	1,184	961	223	497	439	58	
Civil Engineering.....	11,499	8,147	7,068	1,079	2,901	2,522	379	451	434	17	
Computer Engineering.....	2,787	2,021	1,666	355	709	595	114	57	51	6	
Electrical, Elec, & Commun Engr.....	31,454	24,547	21,384	3,163	6,183	5,580	603	724	689	35	
Engineering Mechanics.....	443	159	139	20	181	161	20	103	100	3	
Engineering Physics.....	547	393	332	61	117	107	10	37	35	2	
Engineering Science.....	511	266	207	59	204	173	31	41	38	3	
Environmental Health Engineering.....	449	96	70	26	312	221	91	41	35	6	
Geological Engineering.....	324	243	195	48	76	66	10	5	5	0	
Geophysical Engineering....	113	78	65	13	29	24	5	6	6	0	
Industrial Engineering.....	6,057	4,166	2,828	1,338	1,726	1,407	319	165	145	20	
Materials Engineering.....	1,006	409	289	120	387	289	98	210	179	31	
Mechanical Engineering.....	19,176	15,450	13,755	1,695	3,198	2,971	227	528	511	17	
Metallurgical Engineering..	809	440	347	93	258	220	38	111	104	7	
Mining and Mineral Engineering.....	415	298	266	32	89	83	6	28	26	2	
Naval Architecture & Marine Engr.....	482	446	412	34	31	30	1	5	5	0	
Nuclear Engineering.....	674	323	296	27	261	234	27	90	88	2	
Ocean Engineering.....	225	118	105	13	86	75	11	21	21	0	
Petroleum Engineering.....	1,288	1,067	932	135	201	181	20	20	20	0	
Surveying & Mapping Sciences.....	103	70	57	13	27	25	2	6	6	0	
Cartography.....	26	22	14	8	4	4	0	0	0	0	
Systems Engineering.....	563	310	247	63	226	186	40	27	27	0	
Textile Engineering.....	28	26	17	9	2	2	0	0	0	0	
Engineering, Other.....	3,423	2,056	1,721	335	1,250	1,065	185	117	106	11	
<b>Engr and Engr Related Technologies.....</b>	<b>19,666</b>	<b>19,043</b>	<b>17,576</b>	<b>1,467</b>	<b>612</b>	<b>529</b>	<b>83</b>	<b>11</b>	<b>9</b>	<b>2</b>	
Architectural Design & Constr Tech.....	772	772	718	54	0	0	0	0	0	0	
Architectural Technologies, Other.....	137	124	114	10	13	12	1	0	0	0	
Civil Technology.....	461	461	423	38	0	0	0	0	0	0	
Drafting & Design Technology.....	258	258	229	29	0	0	0	0	0	0	
Surveying & Mapping Technology.....	43	43	40	3	0	0	0	0	0	0	
Civil Technologies, Other..	88	88	85	3	0	0	0	0	0	0	
Computer Technology.....	265	261	214	47	4	4	0	0	0	0	

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 - continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Electrical Technology.....	896	896	850	46	0	0	0	0	0	0
Electronic Technology.....	3,530	3,530	3,329	201	0	0	0	0	0	0
Laser Electro-Optic Technology.....	20	17	15	2	3	3	0	0	0	0
Electrical & Electronic Techn, Other.....	458	441	414	27	17	13	4	0	0	0
Biomedical Equipment Technology.....	23	23	17	6	0	0	0	0	0	0
Electromech Technology.....	15	10	10	0	5	5	0	0	0	0
Instrumentation Technology.....	11	5	5	0	6	6	0	0	0	0
Robotics Technology.....	175	175	168	7	0	0	0	0	0	0
Electromech Instru & Maint Techn, Oth.....	1	1	1	0	0	0	0	0	0	0
Air Cond, Heating, & Refrigeration Tech.....	11	11	11	0	0	0	0	0	0	0
Energy Conservation & Use Technology.....	18	18	15	3	0	0	0	0	0	0
Sanitation Technology.....	10	6	4	2	4	1	3	0	0	0
Solar Heating & Cooling Technology.....	9	9	8	1	0	0	0	0	0	0
Water & Wastewater Technology.....	8	6	6	0	2	2	0	0	0	0
Environmental Control Technologies, Oth.....	92	54	40	14	38	27	11	0	0	0
Food Processing Technology.....	26	21	9	12	2	2	0	3	2	1
Industrial Technology.....	4,195	4,032	3,699	333	160	145	15	3	3	0
Plastic Technology.....	31	31	28	3	0	0	0	0	0	0
Textile Technology.....	40	26	21	5	14	11	3	0	0	0
Welding Technology.....	32	32	32	0	0	0	0	0	0	0
Industrial Production Technologies, Oth.....	487	487	427	60	0	0	0	0	0	0
Occupational Safety & Health Technology.....	371	234	187	47	137	114	23	0	0	0
Quality Control & Safety Techn, Other.....	2	1	0	1	1	1	0	0	0	0
Aeronautical Technology.....	802	802	758	44	0	0	0	0	0	0
Automotive Technology.....	86	86	84	2	0	0	0	0	0	0
Mechanical Design Technology.....	608	608	560	48	0	0	0	0	0	0
Mechanical & Related Technologies, Oth.....	925	925	881	44	0	0	0	0	0	0
Coal Mining Technology.....	26	26	26	0	0	0	0	0	0	0
Petroleum Technology.....	36	36	33	3	0	0	0	0	0	0
Mining and Related Technologies, Oth.....	14	4	4	0	5	4	1	5	4	1
Construction Technology....	14	14	13	1	0	0	0	0	0	0

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Man	Woman	Total	Man	Woman	Total	Man	Woman
Engineering & Engr-Rel Technologies, Oth.....	4,670	4,469	4,098	371	201	179	22	0	0	0
Foreign Languages.....	12,384	10,197	2,792	7,405	1,746	517	1,229	441	184	257
Foreign Languages, Multiple Emphasis .....	965	689	196	493	236	59	177	40	18	22
African (Non-Semitic) Languages.....	7	2	2	0	2	1	1	3	3	0
Chinese.....	136	110	54	56	16	7	9	10	7	3
Japanese.....	148	135	70	65	10	2	8	3	2	1
Asiatic Languages, Other...	69	43	28	15	17	10	7	9	7	2
Russian.....	564	502	201	301	54	25	29	8	2	6
Slavic Languages (Other Than Russian).....	133	67	27	40	55	25	30	11	6	5
Balto-Slavic Languages, Other.....	12	8	4	4	1	0	1	3	1	2
German.....	1,670	1,366	537	829	234	87	147	70	33	37
Scandinavian Languages.....	44	35	10	25	8	5	3	1	1	0
Germanic Languages, Other..	31	18	2	16	7	5	2	6	3	3
Greek (Classical).....	59	50	33	17	7	6	1	2	2	0
Indic Languages.....	7	2	0	2	1	0	1	4	1	3
French.....	3,568	3,062	584	2,478	427	94	327	85	22	63
Italian.....	289	219	48	171	53	14	39	17	6	11
Latin.....	97	79	29	50	16	6	10	2	0	2
Portuguese.....	24	16	7	9	5	2	3	3	2	1
Spanish.....	4,058	3,450	854	2,596	504	127	377	104	36	68
Italic Languages, Other....	124	65	16	49	43	13	30	16	5	11
Native American Languages..	5	5	1	4	0	0	0	0	0	0
Arabic.....	10	8	3	5	1	1	0	1	1	0
Hebrew.....	76	55	9	46	16	10	6	5	3	2
Semitic Languages, Other...	25	8	5	3	10	5	5	7	6	1
Foreign Languages, Other...	263	203	72	131	29	13	16	31	17	14
Allied Health.....	15,759	12,722	2,427	10,295	2,977	700	2,277	60	31	29
Dental Assisting.....	14	14	0	14	0	0	0	0	0	0
Dental Hygiene.....	746	717	10	707	29	13	16	0	0	0
Dental Laboratory Technology.....	6	1	1	0	5	5	0	0	0	0
Dental Services, Other.....	9	4	0	4	5	1	4	0	0	0
Cardiovascular Technology..	69	65	37	28	4	4	0	0	0	0
Emergency Medical Technology-Ambulance....	33	30	16	14	3	1	2	0	0	0
Emergency Medical Technology-Paramedic....	9	9	6	3	0	0	0	0	0	0

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's			
		Total	Men	Women	Total	Men	Women	Total	Men	Women	
Medical Radiation											
Dosimetry.....	82	77	24	53	5	4	1	0	0	0	
Nuclear Medical Technology, Radiologic (Medical) Technology.....	120	120	43	77	0	0	0	0	0	0	
Respiratory Therapy Technology.....	278	266	77	189	12	7	5	0	0	0	
Diagnostic Medical Sonography.....	52	52	13	39	0	0	0	0	0	0	
Diagnostic & Treatment Serv, Other.....	22	22	5	17	0	0	0	0	0	0	
Blood Bank Technology.....	82	70	25	45	12	7	5	0	0	0	
Chemistry Technology.....	25	24	7	17	1	0	1	0	0	0	
Clinical Animal Technology.....	3	3	2	1	0	0	0	0	0	0	
Cytotechnology.....	10	10	0	10	0	0	0	0	0	0	
Medical Laboratory Technology.....	46	46	8	38	0	0	0	0	0	0	
Medical Technology.....	219	219	47	172	0	0	0	0	0	0	
Microbiology Technology.....	1,912	1,889	407	1,482	23	6	17	0	0	0	
Medical Laboratory Technologies, Other.....	9	9	1	8	0	0	0	0	0	0	
Alcohol/Drug Abuse Specialty.....	30	26	7	19	4	0	4	0	0	0	
Community Health Work.....	69	33	20	13	36	16	20	0	0	0	
Mental Health/Human Services Assisting.....	433	190	31	159	233	64	169	10	6	4	
Mental Health/Human Services Tech.....	19	19	3	16	0	0	0	0	0	0	
Rehabilitation Counseling..	134	76	11	65	58	13	45	0	0	0	
Population & Family Planning.....	733	168	25	143	549	134	415	16	11	5	
Sign Language Interpreting..	17	0	0	0	16	5	11	1	1	0	
Mental Health/Human Services, Other.....	12	12	0	12	0	0	0	0	0	0	
Medical Assisting.....	480	255	32	223	223	51	172	2	1	1	
Medical Illustrating.....	15	0	0	0	15	6	9	0	0	0	
Medical Records Technology..	68	41	14	27	27	15	12	0	0	0	
Physician Assisting.....	21	21	1	20	0	0	0	0	0	0	
Veterinarian Assisting.....	651	587	233	354	64	18	46	0	0	0	
Miscellaneous Allied Health Serv, Oth.....	16	16	0	16	0	0	0	0	0	0	
Practical Nursing.....	122	121	54	67	1	1	0	0	0	0	
Nursing-Related Services, Other.....	346	283	8	275	63	0	63	0	0	0	
Art Therapy.....	39	8	0	8	31	13	18	0	0	0	
Corrective Therapy.....	200	44	0	44	156	14	142	0	0	0	
Dance Therapy.....	3	3	0	3	0	0	0	0	0	0	
	32	5	1	4	27	2	25	0	0	0	

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Exercise Physiology.....	241	157	54	103	84	31	53	0	0	0
Music Therapy.....	238	216	12	204	22	3	19	0	0	0
Occupational Therapy.....	2,261	1,952	129	1,823	307	27	280	2	0	2
Orthotics/Prosthetics.....	11	11	8	3	0	0	0	0	0	0
Physical Therapy.....	3,764	3,239	668	2,571	522	127	395	3	1	2
Recreational Therapy.....	176	169	25	144	7	1	6	0	0	0
Recreational Therapy Assisting.....	4	4	2	2	0	0	0	0	0	0
Respiratory Therapy.....	234	234	78	156	0	0	0	0	0	0
Speech/Hearing Therapy Aide.....	49	29	1	28	19	0	19	1	1	0
Rehabilitation Services, Other.....	395	257	31	226	130	42	88	8	1	7
Allied Health, Other.....	1,200	899	250	649	284	69	215	17	9	8
<b>Health Sciences.....</b>	<b>67,087</b>	<b>50,491</b>	<b>6,750</b>	<b>43,741</b>	<b>15,443</b>	<b>3,185</b>	<b>12,258</b>	<b>1,153</b>	<b>533</b>	<b>620</b>
Audiology.....	201	44	7	37	149	18	131	8	4	4
Speech Pathology.....	588	217	6	211	371	15	356	0	0	0
Speech-Language Pathology/Audiology.....	4,687	2,206	110	2,096	2,403	130	2,273	78	18	60
Audiology and Speech Pathology, Other.....	161	96	5	91	62	2	60	3	2	1
Clinical Anatomy.....	22	0	0	0	9	7	2	13	7	6
Clinical Biochemistry.....	53	17	12	5	13	10	3	23	13	10
Clinical Microbiology.....	115	59	23	36	34	8	26	22	12	10
Clinical Pathology.....	43	16	2	14	25	12	13	2	2	0
Clinical Physiology.....	35	2	0	2	7	1	6	26	21	5
Clinical Toxicology.....	1	0	0	0	0	0	0	1	0	1
Basic Clinical Health Sciences, Oth.....	151	84	27	57	48	22	26	19	12	7
Dentistry, General.....	168	106	44	62	62	49	13	0	0	0
Dental Public Health.....	18	4	0	4	11	5	6	3	3	0
Endodontics.....	22	0	0	0	20	17	3	2	1	1
Oral/Maxial Facial Surgery.	79	65	48	17	14	11	3	0	0	0
Oral Pathology.....	11	0	0	0	9	5	4	2	1	1
Orthodontics.....	105	0	0	0	103	85	18	2	1	1
Pedodontics.....	27	0	0	0	25	17	8	2	1	1
Periodontics.....	29	0	0	0	29	24	5	0	0	0
Prosthodontics.....	31	0	0	0	31	24	7	0	0	0
Dentistry, Other.....	115	5	4	1	107	78	29	3	3	0
Health Services Admin.....	4,527	2,295	594	1,701	2,216	853	1,363	16	10	6
Health Care Planning.....	156	25	5	20	126	38	88	5	2	3
Medical Records Admin.....	671	671	46	625	0	0	0	0	0	0
Health Services Admin, Other.....	472	219	41	178	251	64	187	2	2	0
Medical Laboratory.....	1,342	1,259	276	983	79	17	62	4	2	2

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Medicine, General.....	80	63	28	35	1	0	1	16	11	5
Anesthesiology.....	12	6	4	2	6	6	0	0	0	0
Dermatology.....	1	0	0	0	1	1	0	0	0	0
Geriatrics.....	45	13	0	13	32	4	28	0	0	0
Immunology.....	15	0	0	0	5	2	3	10	5	5
Nuclear Medicine.....	4	2	1	1	2	1	1	0	0	0
Ophthalmology.....	1	0	0	0	1	1	0	0	0	0
Orthopedic.....	2	0	0	0	2	2	0	0	0	0
Otorhinolaryngology/ Otolaryngology.....	5	0	0	0	3	2	1	2	1	1
Pathology.....	20	0	0	0	5	1	4	15	13	2
Pediatrics.....	1	0	0	0	1	0	1	0	0	0
Physical Medicine & Rehabilitation.....	10	10	7	3	0	0	0	0	0	0
Preventive Medicine.....	30	0	0	0	29	15	14	1	0	1
Neurology.....	1	0	0	0	0	0	0	1	0	1
Radiology.....	11	7	1	6	3	3	0	1	1	0
Surgery.....	6	0	0	0	5	5	0	1	1	0
Urology.....	1	0	0	0	0	0	0	1	1	0
Sports Medicine.....	68	25	6	19	43	26	17	0	0	0
Medicine, Other.....	50	2	1	1	24	14	10	24	16	8
Nursing, General.....	37,718	32,916	1,758	31,158	4,571	160	4,411	231	13	218
Anesthetist.....	215	124	61	63	91	45	46	0	0	0
Maternal/Child Health.....	167	0	0	0	158	17	141	9	0	9
Medical Surgical.....	202	0	0	0	202	12	190	0	0	0
Nursing Administration.....	303	132	2	130	170	15	155	1	0	1
Psychiatric/Mental Health..	131	0	0	0	129	4	125	2	0	2
Public Health.....	523	44	3	41	458	162	296	21	12	9
Nursing, Other.....	1,181	766	26	740	404	13	391	11	2	9
Optometry.....	291	278	171	107	11	10	1	2	0	2
Osteopathic Medicine.....	2	1	0	1	1	0	1	0	0	0
Pharmacy.....	5,486	5,022	2,213	2,809	265	149	116	199	141	8
Podiatry.....	2	2	1	1	0	0	0	0	0	0
Pre-Dentistry.....	110	110	79	31	0	0	0	0	0	0
Pre-Medicine.....	527	527	370	157	0	0	0	0	0	0
Pre-Pharmacy.....	10	10	5	5	0	0	0	0	0	0
Pre-Veterinary.....	34	33	20	13	1	0	1	0	0	0
Public Health Laboratory Science.....	1,460	175	72	103	1,177	402	775	108	48	60
Epidemiology.....	213	0	0	0	166	88	78	47	18	29
Public Health Education....	14	14	4	10	0	0	0	0	0	0
Public Health Practice & Management.....	146	0	0	0	135	59	76	11	7	4
Public Health, Other.....	293	102	26	76	185	74	111	6	2	4
Veterinary Medicine.....	373	194	104	90	117	67	50	62	42	20
Health Sciences, Other.....	3,493	2,523	537	1,986	835	313	522	135	82	53
and Economics.....	16,117	13,898	865	13,033	1,972	241	1,731	247	57	190

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Home Economics, General....	4,527	4,008	162	3,846	464	19	445	55	9	46
Business Home Economics....	176	176	5	171	0	0	0	0	0	0
Family and Community Services.....	198	170	13	157	28	6	22	0	0	0
Family/Consumer Resource Mgmt, Gen.....	443	412	58	354	24	1	23	7	1	6
Consumer Science.....	185	173	46	127	5	1	4	5	0	5
Family/Consumer Resource Mgmt, Other.....	56	38	1	37	12	2	10	6	1	5
Food Sciences & Human Nutrition, Gen.....	2,310	1,801	165	1,636	461	41	420	48	14	34
Food/Food Sciences.....	124	113	19	94	9	2	7	2	0	2
Dietetics/Human Nutritional Serv.....	1,199	1,026	58	968	167	10	157	6	1	5
Food Sciences & Human Nutrition, Oth.....	108	82	10	72	23	4	19	3	2	1
Human Environment & Housing, Gen.....	601	562	54	508	38	17	21	1	0	1
Household Equipment.....	15	15	0	15	0	0	0	0	0	0
Housing.....	37	37	3	34	0	0	0	0	0	0
Human Environment & Housing, Oth.....	73	73	4	69	0	0	0	0	0	0
Individual & Family Development, Gen.....	2,142	1,760	69	1,691	318	44	274	64	15	49
Family Counseling.....	178	13	2	11	145	58	87	20	8	12
Family Relations.....	266	224	32	192	30	6	24	12	5	7
Gerontological Services....	189	101	14	87	87	14	73	1	0	1
Individual & Family Development, Oth.....	124	109	4	105	15	1	14	0	0	0
Textiles & Clothing, General.....	2,215	2,131	107	2,024	71	2	69	13	1	12
Fashion Design.....	531	525	26	499	5	0	5	1	0	1
Textile Science.....	6	4	0	4	2	0	2	0	0	0
Textiles & Clothing, Oth...	222	203	8	195	19	2	17	0	0	0
Home Economics, Other.....	194	142	5	137	49	11	38	3	0	3
Vocational Home Economics....	1,191	1,044	251	793	97	15	82	50	8	42
Comprehensive Consumer & Homemaking Edu.....	8	6	0	6	2	0	2	0	0	0
Child Development, Care, & Guide.....	299	286	4	282	10	0	10	3	1	2
Clothing & Textiles.....	89	89	4	85	0	0	0	0	0	0
Family Living and Parenthood.....	128	109	29	80	16	3	13	3	0	3
Food and Nutrition.....	32	30	1	29	2	0	2	0	0	0

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Table 9.—Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Home Management.....	4	4	0	4	0	0	0	0	0	0
Consumer & Homemaking Edu, Oth.....	13	13	0	13	0	0	0	0	0	0
Child Care & Guide Mgmt & Serv, Gen.....	57	42	2	40	15	2	13	0	0	0
Child Care Management.....	75	3	0	3	30	4	26	42	7	35
Child Care & Guidance Mgmt & Serv, Oth.....	6	6	1	5	0	0	0	0	0	0
Clth, Ap, & Txl Mgmt, Prod & Serv, Gen.....	2	2	0	2	0	0	0	0	0	0
Food Production, Mgmt, & Serv, Gen.....	122	119	53	66	3	0	3	0	0	0
Food Service.....	174	174	122	52	0	0	0	0	0	0
Food Prod, Mgmt, & Serv, Other.....	3	3	0	3	0	0	0	0	0	0
Home Furn & Equip Mgmt, Prod & Serv, Gen.....	8	5	0	5	3	1	2	0	0	0
Home Decorating.....	31	31	2	29	0	0	0	0	0	0
Home Furn & Equip Mgmt, Prod & Serv, Oth.....	17	17	0	17	0	0	0	0	0	0
Inst, Home Mgmt & Supporting Serv, Gen....	109	91	33	58	16	5	11	2	0	2
Vocational Home Economics, Other.....	14	14	0	14	0	0	0	0	0	0
<b>W.....</b>	<b>3,241</b>	<b>1,178</b>	<b>370</b>	<b>808</b>	<b>1,943</b>	<b>1,423</b>	<b>520</b>	<b>120</b>	<b>79</b>	<b>41</b>
Law.....	795	1	0	1	733	542	191	61	40	21
Pre-law.....	251	251	141	110	0	0	0	0	0	0
Legal Assisting.....	427	425	62	363	2	0	2	0	0	0
Law, Other.....	1,768	501	167	334	1,208	861	327	59	39	20
<b>Letters.....</b>	<b>44,437</b>	<b>37,132</b>	<b>12,660</b>	<b>24,452</b>	<b>6,124</b>	<b>2,141</b>	<b>3,983</b>	<b>1,181</b>	<b>515</b>	<b>666</b>
English, General.....	30,296	25,753	8,424	17,329	3,804	1,344	2,540	659	281	378
Classic.....	503	362	184	178	92	54	38	49	26	23
Comparative Literature.....	910	617	220	397	185	72	113	108	48	60
Composition.....	158	147	59	88	10	0	6	1	0	1
Creative Writing.....	882	468	193	275	413	179	234	1	0	1
Linguis (Incl Phonet, Semant, & Phil).....	1,187	475	140	335	541	195	346	171	74	97
Literature, American.....	41	26	9	17	9	0	9	6	2	4
Literature, English.....	1,596	1,318	432	886	206	65	141	72	30	42
Speech, Debate, & Forensics.....	7,472	6,817	2,645	4,172	576	177	399	79	40	39
Technical & Business Writing.....	210	130	51	79	80	26	54	0	0	0

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
English as a Second Language.....	19	11	3	8	8	1	7	0	0	0
Letters, Other.....	1,163	1,008	320	688	120	24	96	35	14	21
Liberal/General Studies.....	22,524	21,366	9,315	12,051	1,129	460	669	29	15	14
Liberal Arts & Sciences....	14,315	13,308	6,049	7,259	990	400	590	17	8	9
General Studies.....	1,550	1,537	723	814	12	5	7	1	1	0
Liberal/General Studies, Other.....	6,659	6,521	2,543	3,978	127	55	72	11	6	5
Library and Archival Sciences.....	4,012	140	20	120	3,815	796	3,019	57	18	39
Library & Archival Sciences, General.....	687	10	1	9	672	131	541	5	4	1
Archival Science.....	5	0	0	0	5	0	5	0	0	0
Library Science.....	3,260	121	19	102	3,092	656	2,436	47	11	36
Museology.....	36	4	0	4	32	8	24	0	0	0
Library & Archival Sciences, Oth.....	24	5	0	5	14	1	13	5	3	2
Life Sciences.....	46,492	38,121	19,657	18,464	4,952	2,538	2,414	3,419	2,225	1,194
Biology, General.....	30,024	27,465	14,060	13,405	2,022	1,050	972	537	339	198
Biochemistry & Biophysics..	2,835	2,111	1,194	917	263	150	113	461	297	164
Botany, General.....	591	237	126	111	195	89	106	159	109	50
Bacteriology.....	81	41	17	24	28	10	18	12	6	6
Plant Genetics.....	78	13	8	5	35	24	11	30	25	5
Plant Pathology.....	187	16	9	7	84	52	32	87	62	25
Plant Physiology.....	32	0	0	0	16	8	8	16	12	4
Botany, Other.....	11	3	1	2	6	2	4	2	1	1
Cell Biology.....	187	90	48	42	40	18	22	57	36	21
Molecular Biology.....	469	329	204	125	53	26	27	37	56	31
Cell & Molecular Biology, Other.....	251	210	127	83	5	4	1	36	26	10
Microbiology.....	2,744	2,057	982	1,075	362	178	184	325	222	103
Anatomy.....	227	87	52	35	53	28	25	87	44	43
Biometrics & Biostatistics.	145	8	6	2	92	38	54	45	28	17
Ecology.....	689	439	245	194	180	108	72	70	51	19
Embryology.....	2	0	0	0	0	0	0	2	1	1
Endocrinology.....	13	0	0	0	3	1	2	10	4	6
Marine Biology.....	360	269	159	110	64	34	30	27	20	7
Neurosciences.....	184	97	58	39	15	9	6	72	52	20
Nutritional Sciences.....	602	225	37	188	264	42	222	113	47	66
Parasitology.....	35	2	1	1	22	13	9	11	8	3
Radiobiology.....	27	0	0	0	16	13	3	11	8	3

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Toxicology.....	199	82	37	45	58	29	29	59	42	17
Misc Specialized Areas, Life Sci, Oth.....	321	205	93	112	68	37	31	48	33	15
Zoology, General.....	2,712	2,299	1,264	1,035	241	144	97	172	121	51
Entomology.....	358	90	63	27	155	103	52	113	92	21
Genetics, Human and Animal.	377	174	78	96	95	29	66	108	59	49
Pathology, Human and Animal.....	191	26	8	18	52	32	20	113	71	42
Pharmacology, Human and Animal.....	316	41	22	19	65	31	34	210	126	84
Physiology, Human and Animal.....	804	402	208	194	227	148	79	175	122	53
Zoology, Other.....	4	0	0	0	0	0	0	4	3	1
Life Sciences, Other.....	1,436	1,103	550	553	173	88	85	160	102	58
Mathematics.....	20,488	16,444	8,792	7,652	3,319	2,022	1,297	725	599	126
Mathematics, General.....	16,673	13,888	7,250	6,638	2,258	1,349	909	527	447	80
Actuarial Sciences.....	225	187	119	68	36	27	9	2	1	1
Applied Mathematics.....	1,379	969	563	406	351	240	111	59	48	11
Pure Mathematics.....	138	108	74	34	18	13	5	12	9	3
Statistics.....	1,155	463	266	197	577	343	234	115	85	30
Mathematics, Other.....	918	829	520	309	79	50	29	10	9	1
Military Sciences.....	451	383	357	26	68	67	1	0	0	0
Aerospace Science (Air Force).....	21	21	19	2	0	0	0	0	0	0
Military Science (Army)....	1	1	1	0	0	0	0	0	0	0
Naval Science (Navy, Marines).....	3	3	3	0	0	0	0	0	0	0
Maritime Science (Merchant Marine).....	256	256	238	18	0	0	0	0	0	0
Military Sciences, Other...	170	102	96	6	68	67	1	0	0	0
Military Technologies.....	52	1	1	0	51	51	0	0	0	0
Military Technologies.....	52	1	1	0	51	51	0	0	0	0
Multi/Interdisciplinary Studies.....	19,711	16,399	7,597	8,802	3,036	1,763	1,273	276	174	102
Biological & Physical Sciences.....	2,285	2,002	1,142	860	261	129	132	22	17	5
Clinical Pastoral Care.....	125	0	0	0	125	56	69	0	0	0
Engineering & Other Disciplines.....	558	282	212	70	224	150	74	52	45	7

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Humanities & Social Sciences.....	2,830	2,351	876	1,475	452	162	290	27	13	14
Peace Studies.....	29	29	14	15	0	0	0	0	0	0
Systems Science.....	922	34	21	13	885	732	153	3	3	0
Women's Studies.....	130	119	3	116	9	0	9	2	0	2
Mathematics & Computer Science.....	111	111	67	44	0	0	0	0	0	0
Multi/Interdisciplinary Stud, Oth.....	12,721	11,471	5,262	6,209	1,080	534	546	170	96	74
Parks and Recreation.....	4,615	4,107	1,636	2,471	476	213	263	32	20	12
Parks and Recreation, General.....	1,739	1,570	575	995	150	62	88	19	10	9
Outdoor Recreation.....	163	139	63	76	24	10	14	0	0	0
Parks and Recreation Management.....	2,429	2,184	884	1,300	236	95	141	9	8	1
Water Resources.....	85	50	45	5	35	29	6	0	0	0
Parks and Recreation, Other.....	199	164	69	95	31	17	14	4	2	2
Philosophy and Religion.....	7,514	5,984	2,845	2,139	1,109	698	411	421	329	92
Philosophy.....	3,890	3,252	2,180	1,072	415	296	119	223	180	43
Religion.....	3,241	2,473	1,490	983	576	348	228	192	144	48
Philosophy and Religion, Other.....	383	259	175	84	118	54	64	6	5	1
Theology.....	11,801	5,730	4,331	1,399	4,841	3,193	1,648	1,230	1,103	127
Biblical Languages.....	53	43	38	5	10	9	1	0	0	0
Bible Studies.....	2,174	1,887	1,515	372	270	231	39	17	17	0
Missionary Studies.....	463	243	163	80	196	147	49	24	22	2
Religious Education.....	1,678	924	547	377	716	367	349	38	28	10
Religious Music.....	336	204	118	86	126	75	51	6	4	2
Theological Studies.....	4,736	1,603	1,291	312	2,303	1,562	741	630	758	72
Theology, Other.....	2,361	826	659	167	1,220	802	418	315	274	41
Physical Sciences.....	29,278	19,981	14,323	5,658	5,625	4,217	1,408	3,672	3,038	634
Physical Sciences, General.....	688	621	478	143	65	45	20	2	2	0
Astronomy.....	212	100	84	16	60	44	16	52	43	9
Astrophysics.....	54	29	22	7	11	11	0	14	11	3
Atmospheric Sciences and Meteorology.....	624	345	284	61	216	187	29	63	53	10
Chemistry, General.....	12,903	9,474	5,934	3,540	1,611	1,093	518	1,818	1,427	391
Analytical Chemistry.....	27	1	1	0	14	8	6	12	9	3

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Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Inorganic Chemistry.....	20	0	0	0	7	5	2	13	10	3
Organic Chemistry.....	48	0	0	0	15	13	2	33	28	5
Pharmaceutical Chemistry...	97	10	7	3	43	26	17	44	35	9
Physical Chemistry.....	73	11	9	2	23	13	10	39	31	8
Chemistry, Other.....	216	174	117	57	25	16	9	17	15	2
Geology.....	4,973	3,367	2,591	776	1,386	1,029	357	220	173	47
Geochemistry.....	30	9	6	3	15	12	3	6	4	2
Geophysics and Seismology..	282	142	110	32	114	87	27	26	23	3
Paleontology.....	11	5	2	3	2	1	1	4	3	1
Geological Sciences, Other.	252	142	105	37	86	59	27	24	20	4
Metallurgy.....	30	2	1	1	13	10	3	15	15	0
Oceanography.....	330	155	127	28	106	72	34	69	58	11
Earth Science.....	699	523	404	119	126	84	42	50	41	9
Miscellaneous Physical Sciences, Other.....	69	18	14	4	49	27	22	2	2	0
Physics, General.....	6,634	4,180	3,515	665	1,455	1,226	229	999	905	94
Atomic/Molecular Physics...	13	9	0	9	0	0	0	4	3	1
Nuclear Physics.....	5	0	0	0	4	3	1	1	1	0
Optics.....	26	4	4	0	7	4	3	15	14	1
Solid State Physics.....	22	0	0	0	5	5	0	17	15	2
Physics, Other.....	235	125	104	21	72	62	10	38	34	4
Planetary Science.....	12	1	1	0	0	0	0	11	10	1
Physical Sciences, Other...	693	534	403	131	95	75	20	64	53	11
Science Technologies.....	94	89	49	40	4	2	2	1	1	0
Biological Laboratory Technology.....	15	15	4	11	0	0	0	0	0	0
Biological Technologies, Other.....	5	5	2	3	0	0	0	0	0	0
Nuclear Power Plant Radiation Cntrl. Tech....	1	1	0	1	0	0	0	0	0	0
Radiologic (Physical) Technology.....	12	11	1	10	0	0	0	1	1	0
Nuclear Technologies, Other.....	1	1	1	0	0	0	0	0	0	0
Chemical Technology.....	15	14	10	4	1	0	1	0	0	0
Oceanographic (Physical) Technology.....	11	8	3	5	3	2	1	0	0	0
Physical Science Technologies, Other.....	7	7	7	0	0	0	0	0	0	0
Science Technologies, Other.....	27	27	21	6	0	0	0	0	0	0
Psychology.....	54,018	42,836	13,329	29,507	8,124	2,828	5,296	3,058	1,429	1,629
Psychology, General.....	45,487	39,981	12,337	27,644	3,873	1,411	2,462	1,633	766	867

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Clinical Psychology.....	1,744	68	20	48	857	264	593	819	371	448
Cognitive Psychology.....	30	17	5	12	4	3	1	9	2	7
Community Psychology.....	136	21	4	17	114	37	77	1	1	0
Counseling Psychology.....	2,260	196	53	143	1,850	532	1,318	214	101	113
Developmental Psychology...	409	250	25	225	108	36	72	51	20	31
Experimental Psychology....	259	165	54	111	37	20	17	57	31	26
Industrial and Organizational Psychology.....	591	113	40	73	441	217	224	37	20	17
Personality Psychology.....	9	9	6	3	0	0	0	0	0	0
Physiological Psychology...	154	121	56	65	9	5	4	24	12	12
Psycholinguistics.....	7	1	1	0	0	0	0	6	1	5
Psychometrics.....	9	0	0	0	9	3	6	0	0	0
Quantitative Psychology....	15	2	0	2	5	2	3	8	6	2
Social Psychology.....	575	487	199	288	40	20	20	48	18	30
Psychology, Other.....	2,333	1,405	529	876	777	278	499	151	80	71
Protective Services.....	13,967	12,930	7,974	4,956	1,019	719	300	18	15	3
Correctional Administration.....	211	184	113	71	27	22	5	0	0	0
Corrections.....	401	336	127	209	65	42	23	0	0	0
Criminal Justice Administration.....	3,578	3,211	2,012	1,199	364	239	125	3	2	1
Criminal Justice Studies...	7,060	6,596	3,966	2,630	449	339	110	15	13	2
Criminal Justice Technology.....	16	16	9	7	0	0	0	0	0	0
Forensic Studies.....	219	182	79	103	37	22	15	0	0	0
Law Enforcement.....	1,338	1,297	928	369	41	30	11	0	0	0
Law Enforcement Administration.....	111	102	77	25	9	8	1	0	0	0
Security Services.....	103	96	79	17	7	5	2	0	0	0
Criminal Justice, Other....	770	757	437	320	13	5	8	0	0	0
Fire Control and Safety Technology.....	47	47	44	3	0	0	0	0	0	0
Fire Protection Administration.....	91	84	83	1	7	7	0	0	0	0
Firefighting.....	12	12	12	0	0	0	0	0	0	0
Fire Protection, Other.....	2	2	2	0	0	0	0	0	0	0
Protective Services, Other.	8	8	6	2	0	0	0	0	0	0
Public Affairs.....	29,517	12,522	3,069	9,453	16,597	5,769	10,828	398	216	182
Public Affairs, General....	1,419	819	455	364	575	320	245	25	21	4
Community Services.....	1,359	998	252	746	353	169	184	8	3	5
International Public Services.....	254	147	65	82	107	76	31	0	0	0

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Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Public Administration.....	6,520	1,462	800	662	4,967	2,917	2,050	91	67	24
Public Policy Studies.....	717	218	96	122	458	264	194	41	21	20
Public Transportation.....	8	0	0	0	8	8	0	0	0	0
Social Work, General.....	16,756	7,770	1,107	6,663	8,795	1,658	7,137	191	82	109
Medical Social Work.....	105	47	11	36	58	20	38	0	0	0
Social Work, Other.....	1,150	557	78	479	589	102	487	12	4	8
Public Affairs, Other.....	1,221	504	205	299	687	235	452	30	18	12
<b>Social Sciences.....</b>	<b>109,484</b>	<b>96,173</b>	<b>53,870</b>	<b>42,303</b>	<b>10,395</b>	<b>6,293</b>	<b>4,102</b>	<b>2,916</b>	<b>2,026</b>	<b>890</b>
Social Sciences, General...	4,945	4,422	1,928	2,494	493	269	224	30	19	11
Anthropology.....	3,786	2,730	981	1,749	710	294	416	346	169	177
Archaeology.....	120	67	21	46	36	11	25	17	7	10
Criminology.....	1,201	1,141	683	458	57	36	21	3	2	1
Demography.....	37	10	7	3	18	10	8	9	7	2
Economics.....	24,983	22,378	14,775	7,603	1,855	1,381	474	750	624	126
Geography.....	3,740	3,055	2,124	931	554	360	194	131	100	31
History.....	19,552	16,997	10,591	6,406	2,021	1,204	817	534	360	174
International Relations....	5,119	3,643	1,654	1,989	1,415	872	543	61	53	8
Political Science and Government.....	28,870	26,817	15,985	10,832	1,618	1,111	507	435	316	119
Sociology.....	13,640	12,239	3,848	8,391	950	414	536	451	271	180
Urban Studies.....	850	559	300	259	261	133	128	30	14	16
Social Sciences, Other.....	2,641	2,115	973	1,142	407	198	209	119	84	35
<b>Construction Trades.....</b>	<b>27</b>	<b>27</b>	<b>22</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Building and Property Maintenance.....	1	1	1	0	0	0	0	0	0	0
Misc. Constr Trades and Prop Maint, Other.....	4	4	4	0	0	0	0	0	0	0
Construction Trades, Other.	22	22	17	5	0	0	0	0	0	0
<b>Mechanics and Repairers.....</b>	<b>187</b>	<b>187</b>	<b>182</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Communication Electronics..	1	1	1	0	0	0	0	0	0	0
Industrial Electronics.....	2	2	2	0	0	0	0	0	0	0
Electrical, Electronic Equip Repair, Oth.....	154	154	149	5	0	0	0	0	0	0
Automotive Body Repair.....	1	1	1	0	0	0	0	0	0	0
Automotive Mechanics.....	1	1	1	0	0	0	0	0	0	0
Aircraft Mechanics, Airframe.....	19	19	19	0	0	0	0	0	0	0
Vehicle & Mb Equip Mech & Repairers, Oth.....	4	4	4	0	0	0	0	0	0	0
Mechanics & Repairers, Other.....	5	5	5	0	0	0	0	0	0	0

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.



Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Precision Production.....	426	423	199	224	3	2	1	0	0	0
Drafting, General.....	2	2	2	0	0	0	0	0	0	0
Graphic & Printing Communications, Gen.....	178	178	90	88	0	0	0	0	0	0
Commercial Art.....	227	224	96	128	3	2	1	0	0	0
Commercial Photography.....	2	2	0	2	0	0	0	0	0	0
Graphic & Printing Commun, Other.....	16	16	10	6	0	0	0	0	0	0
Precision Production, Other.....	1	1	1	0	0	0	0	0	0	0
Transportation and Material Moving.....	2,087	1,654	1,471	183	433	420	13	0	0	0
Air Transportation, General.....	417	417	381	36	0	0	0	0	0	0
Airplane Piloting & Navigation (Comm).....	766	462	415	47	304	297	7	0	0	0
Aviation Management.....	865	736	638	98	129	123	6	0	0	0
Air Traffic Control.....	1	1	1	0	0	0	0	0	0	0
Air Transportation, Other..	19	19	19	0	0	0	0	0	0	0
Transportation and Material Moving, Oth....	19	19	17	2	0	0	0	0	0	0
Visual and Performing Arts...	45,101	35,809	13,586	22,223	8,500	3,754	4,746	792	447	345
Visual and Performing Arts, General.....	1,778	1,549	539	1,010	228	100	128	1	1	0
Crafts, General.....	234	127	32	95	7	1	6	0	0	0
Ceramics.....	114	72	24	48	42	19	23	0	0	0
Fiber/Textiles/Weaving.....	99	80	7	73	19	2	17	0	0	0
Glass.....	20	16	5	11	4	4	0	0	0	0
Metal/Jewelry.....	65	50	13	37	15	4	11	0	0	0
Crafts, Other.....	9	8	4	4	1	1	0	0	0	0
Dance.....	865	676	79	597	185	25	160	4	0	4
Design, General.....	2,203	2,012	686	1,326	191	92	99	0	0	0
Graphic Design.....	1,365	1,336	441	895	29	8	21	0	0	0
Illustration Design.....	484	484	214	270	0	0	0	0	0	0
Industrial Design.....	445	438	323	115	7	4	3	0	0	0
Theater Design.....	66	45	21	24	21	11	10	0	0	0
Design, Other.....	229	198	69	129	31	11	20	0	0	0
Dramatic Arts.....	5,756	4,564	1,871	2,693	1,108	564	544	84	55	29
Film Arts, General.....	365	311	206	105	54	35	19	0	0	0
Cinematography/Film.....	834	615	389	226	213	129	84	6	4	2
Film Animation.....	28	18	14	4	10	7	3	0	0	0

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Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

Table 9.--Bachelor's and higher degrees in institutions of higher education, by level of degree, sex of student, and program category and specialty: 50 States and D.C., 1986-87 -- continued

Program category and specialty	Total	Bachelor's			Master's			Doctor's		
		Total	Men	Women	Total	Men	Women	Total	Men	Women
Photography.....	728	642	335	307	86	46	40	0	0	0
Video.....	3	3	3	0	0	0	0	0	0	0
Film Arts, Other.....	56	51	21	30	5	3	2	0	0	0
Fine Arts, General.....	11,443	9,827	3,259	6,568	1,572	626	946	44	18	26
Art Conservation.....	13	3	1	2	10	1	9	0	0	0
Art History and Appreciation.....	2,286	1,791	351	1,440	385	70	315	110	30	80
Arts Management.....	143	73	12	61	69	24	45	1	0	1
Drawing.....	201	168	51	117	33	19	14	0	0	0
Intermedia.....	83	73	23	50	10	5	5	0	0	0
Painting.....	959	783	278	505	176	80	96	0	0	0
Sculpture.....	169	125	65	60	44	23	21	0	0	0
Printmaking.....	66	48	15	33	18	7	11	0	0	0
Fine Arts, Other.....	2,358	1,919	626	1,293	419	142	277	20	6	14
Music, General.....	5,184	3,698	1,678	2,020	1,250	599	651	236	148	88
Music History and Appreciation.....	137	56	23	33	52	32	20	29	16	13
Music Performance.....	4,106	2,313	1,069	1,244	1,629	761	868	164	96	68
Music Theory and Composition.....	547	276	197	79	218	138	80	53	40	13
Music, Other.....	924	582	287	295	306	140	166	36	29	7
Visual and Performing Arts, Other.....	836	779	355	424	53	21	32	4	4	0

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

Table 10.—Postbaccalaureate and post-master's certificates in institutions of higher education, by program category and sex of student: 50 States and D.C., 1986-87

Program category	Total	Postbaccalaureate			Post-master's		
		Total	Men	Women	Total	Men	Women
Total.....	10,928	6,661	4,852	1,809	4,267	1,751	2,516
Agribusiness and Agricultural Production.....	10	10	10	0	0	0	0
Renewable Natural Resources.....	7	0	0	0	7	4	3
Architecture and Environmental Design.....	12	12	10	2	0	0	0
Area and Ethnic Studies.....	38	20	8	12	18	5	13
Business and Management.....	4,647	4,612	3,964	648	35	25	10
Communications.....	24	24	15	9	0	0	0
Communications Technologies.....	3	3	2	1	0	0	0
Computer and Information Sciences.....	133	108	42	66	25	21	4
Education.....	3,596	517	161	356	3,079	1,067	2,012
Engineering.....	72	14	14	0	58	56	2
Engr and Engr Related Technologies.....	14	14	13	1	0	0	0
Foreign Languages.....	46	5	0	5	41	12	29
Allied Health.....	124	96	16	80	28	6	22
Health Sciences.....	264	226	194	122	38	13	25
Home Economics.....	97	80	9	71	17	5	12
Vocational Home Economics.....	1	0	0	0	1	0	1
Law.....	126	67	11	56	59	41	18
Letters.....	83	0	0	0	83	36	47
Liberal/General Studies.....	205	201	106	95	4	3	1
Library and Archival Sciences.....	13	3	0	3	10	1	9
Life Sciences.....	71	11	5	6	60	30	30
Mathematics.....	70	7	3	4	63	46	17
Multi/Interdisciplinary Studies.....	135	122	79	43	13	2	11
Philosophy and Religion.....	115	96	18	78	19	14	5
Theology.....	504	324	225	99	180	128	52
Physical Sciences.....	80	0	0	0	80	60	20
Psychology.....	135	37	12	25	98	28	70
Protective Services.....	1	1	1	0	0	0	0
Public Affairs.....	20	6	5	1	14	6	8
Social Sciences.....	187	6	1	5	181	116	65
Visual and Performing Arts.....	95	39	18	21	56	26	30

Note.—These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

Table 11.—First-professional degrees in institutions of higher education,  
by field of study and sex of student: 50 States and D.C., 1986-87

Program	Total	Men	Women
Total.....	71,617	46,523	25,094
Chiropractic.....	2,493	1,864	629
Dentistry, General.....	4,741	3,603	1,138
Medicine, General.....	15,428	10,431	4,997
Optometry.....	1,082	697	385
Osteopathic Medicine.....	1,618	1,206	412
Pharmacy.....	861	351	510
Podiatry.....	590	468	122
Veterinary Medicine.....	2,250	1,150	1,080
Law.....	36,056	21,561	14,495
Theological Studies.....	6,518	5,192	1,326

Note.—These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

Table 12.--Less-than-4-year degrees and other awards in institutions of higher education, by level of award, sex of student, and program category: 50 States and D.C., 1986-87

Program category	Total	Less-than-1-year			1-but-less-than-2-year			Associate's degrees			2-but-less-than-4-year		
		Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
Total.....	588,430	43,301	20,811	22,490	99,594	41,979	57,615	436,258	190,794	245,464	9,277	6,021	3,256
Agribusiness and Agricultural Production...	6,426	1,382	1,076	306	1,112	772	340	5,655	2,413	1,182	277	199	78
Agricultural Sciences.....	1,102	187	134	53	73	39	34	808	372	436	34	26	8
Renewable Natural Resources..	1,190	48	42	6	132	101	31	997	847	150	13	12	1
Architecture and Environmental Design.....	2,264	5	0	5	417	38	379	1,666	230	1,436	176	23	153
Area and Ethnic Studies.....	261	39	12	27	71	6	65	14	6	8	137	3	134
Business and Management.....	56,325	2,645	1,238	1,407	3,972	1,413	2,559	49,383	21,143	28,240	325	131	194
Business (Administrative Support).....	76,051	6,599	846	5,753	20,469	1,922	18,547	48,206	10,362	37,844	777	82	695
Marketing and Distribution...	23,236	1,747	449	1,298	4,448	948	3,500	16,935	5,006	11,929	106	37	69
Communications.....	2,301	249	177	72	411	268	143	1,591	896	695	50	47	3
Communications Technologies..	2,263	31	21	10	273	153	120	1,949	1,169	780	10	4	6
Computer and Information Sciences.....	11,953	888	464	424	1,816	784	1,032	9,101	4,791	4,310	148	64	84
Consumer, Personal and Miso Services.....	6,365	773	120	653	4,766	676	4,090	704	411	293	122	31	91
Education.....	8,046	125	16	109	507	52	455	7,333	2,113	5,220	81	11	70
Engineering.....	4,703	51	46	5	65	47	18	4,539	4,061	478	48	40	8
Engr and Engr Related Technologies.....	59,931	2,044	1,844	200	11,445	10,478	967	45,098	40,639	4,459	1,344	1,229	115
Foreign Languages.....	480	45	18	27	10	1	9	422	231	191	3	1	2
Allied Health.....	55,692	11,181	2,989	8,192	20,443	2,820	17,623	23,430	4,152	19,278	638	92	546
Health Sciences.....	40,545	234	31	203	1,028	107	921	39,116	3,061	36,055	167	22	145
Hon. & Economics.....	1,700	78	11	67	480	78	402	1,124	149	975	18	0	18
Vocational Home Economics....	12,641	1,341	468	873	2,888	636	2,252	8,204	2,589	5,615	208	55	153
Law.....	3,725	472	59	413	682	104	578	2,498	287	2,211	73	11	62
Letters.....	575	52	16	36	9	5	4	509	160	349	5	5	0
Liberal/General Studies.....	109,655	650	180	470	711	331	380	108,099	46,338	61,761	195	86	109
Library and Archival Sciences.....	203	23	0	23	50	3	47	117	19	98	13	0	13
Life Sciences.....	1,122	223	182	41	1	0	1	893	398	495	5	0	5
Mathematics.....	691	5	2	3	18	15	3	667	419	248	1	1	0
Multi/Interdisciplinary Studies.....	9,841	10	2	8	34	23	11	9,795	4,563	5,232	2	1	1
Parks and Recreation.....	655	5	2	3	99	48	51	551	278	273	0	0	0
Philosophy and Religion.....	182	2	0	2	7	5	2	100	64	36	73	51	22
Theology.....	1,206	150	75	75	221	96	125	595	355	240	240	129	111
Physical Sciences.....	1,132	3	1	2	3	1	2	1,125	688	437	1	0	1
Science Technologies.....	1,050	10	8	2	94	67	27	936	565	371	10	8	2
Psychology.....	1,073	4	3	1	43	9	34	1,016	294	722	10	4	6
Protective Services.....	17,735	3,685	2,978	707	2,102	1,636	466	11,909	8,710	3,199	39	28	11
Public Affairs.....	2,614	73	30	43	257	62	195	2,265	477	1,788	19	2	17
Social Sciences.....	2,744	35	25	10	88	28	60	2,582	1,093	1,489	39	6	33

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.

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Table 12.--Less-than-4-year degrees and other awards in institutions of higher education, by level of award, sex of student, and program category: 50 States and D.C., 1986-87 -- continued

Program category	Total	Less-than-1-year			1-but-less-than-2-year			Associate's degrees			2-but-less-than-4-year		
		Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
Construction Trades.....	6,255	969	940	29	2,830	2,676	154	2,082	2,007	75	374	367	7
Mechanics and Repairers.....	26,534	3,289	3,043	246	10,498	9,945	553	10,791	10,213	578	1,956	1,898	58
Precision Production.....	17,824	1,604	1,349	255	6,405	5,232	1,173	8,799	6,052	2,747	1,016	933	83
Transportation and Material Moving.....	4,025	2,220	1,906	314	267	209	58	1,294	1,071	223	244	240	4
Visual and Performing Arts...	6,114	125	8	117	349	145	204	5,360	2,042	3,318	280	142	138

Note.--These institutions were formerly included in HEGIS and are accredited at the college level by an agency recognized by the Secretary of Education.



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Address: [

Identification Number:   
Name of Respondent:   
Title:   
Phone Number:

**PART A, SECTION I: PROGRAM COMPLETIONS BELOW THE BACCALAUREATE**

CIP Code (1)	Program Title (2)	Awards of Less Than 1 Academic Year		Awards of At Least 1 But Less Than 2 Academic Years		Associate's Degrees		Awards of At Least 2 But Less Than 4 Academic Years	
		Men (3)	Women (4)	Men (5)	Women (6)	Men (7)	Women (8)	Men (9)	Women (10)


LIST ADDITIONAL PROGRAMS ON THE LINES PROVIDED BELOW

.0000	Total (Sum of 6-digit specialties)								

ON THE LINES IMMEDIATELY BELOW, SHOW THE RACIAL/ETHNIC BREAKDOWN FOR THE TOTALS REPORTED ABOVE

.0000-1	Non-Resident Alien								
.0000-2	Black, Non-Hispanic								
.0000-3	American Indian or Alaskan Native								
.0000-4	Asian or Pacific Islander								
.0000-5	Hispanic								
.0000-6	White, Non-Hispanic								

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**PART B, SECTION I: PROGRAM COMPLETIONS FOR BACCALAUREATE AND ABOVE**

CIP Code (1)	Program Title (2)	Bachelor's Degrees		Post-baccalaureate Certificates		Master's Degrees		Post-Master's Certificates		Doctor's Degrees	
		Men (11)	Women (12)	Men (13)	Women (14)	Men (15)	Women (16)	Men (17)	Women (18)	Men (19)	Women (20)


LIST ADDITIONAL PROGRAMS ON THE LINES PROVIDED BELOW

.0000	Total (Sum of 6-digit specialties)										

ON THE LINES IMMEDIATELY BELOW, SHOW THE RACIAL/ETHNIC BREAKDOWN FOR THE TOTALS REPORTED ABOVE

.0000-1	Non-Resident Alien										
.0000-2	Black, Non-Hispanic										
.0000-3	American Indian or Alaskan Native										
.0000-4	Asian or Pacific Islander										
.0000-5	Hispanic										
.0000-6	White, Non-Hispanic										

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**PART A, SECTION I: PROGRAM COMPLETIONS**

CIP Code (1)	Program Title (2)	Awards of Less Than 1 Academic Year		Awards of At Least 1 But Less than 2 Academic Years	
		Men (3)	Women (4)	Men (5)	Women (6)


LIST ADDITIONAL PROGRAMS ON THE LINES PROVIDED BELOW:

.0000	Total (Sum of 6-digit specialties)				

ON THE LINES IMMEDIATELY BELOW, SHOW THE RACIAL/ETHNIC BREAKDOWN FOR THE TOTALS REPORTED ABOVE:

.0000-1	Non-Resident Alien				
.0000-2	Black, Non-Hispanic				
.0000-3	American Indian or Alaskan Native				
.0000-4	Asian or Pacific Islander				
.0000-5	Hispanic				
.0000-6	White, Non-Hispanic				

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**PART A, SECTION I: PROGRAM COMPLETIONS BELOW THE BACCALAUREATE**

CIP Code (1)	Program Title (2)	Awards of Less Than 1 Academic Year		Awards of At Least 1 But Less Than 2 Academic Years		Associate's Degrees		Awards of At Least 2 But Less Than 4 Academic Years	
		Men (3)	Women (4)	Men (5)	Women (6)	Men (7)	Women (8)	Men (9)	Women (10)


LIST ADDITIONAL PROGRAMS ON THE LINES PROVIDED BELOW

.0000	Total (Sum of G-digit specialties)								

ON THE LINES IMMEDIATELY BELOW, SHOW THE RACIAL/ETHNIC BREAKDOWN FOR THE TOTALS REPORTED ABOVE

.0000-1	Non-Resident Alien								
.0000-2	Black, Non-Hispanic								
.0000-3	American Indian or Alaskan Native								
.0000-4	Asian or Pacific Islander								
.0000-5	Hispanic								
.0000-6	White, Non-Hispanic								

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