



Science and Engineering Degrees: 1966–2012

Detailed Statistical Tables | NSF 15-326 | June 2015

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General Notes

This publication is based on data from two annual federal surveys. Data on bachelor's and master's degrees and data on doctoral degrees in engineering technologies were collected from institutions of higher education by the Integrated Postsecondary Education Data System Completions Survey, conducted by the National Center for Education Statistics, U.S. Department of Education. Data on research doctoral degrees in all fields except engineering technologies were collected by the Survey of Earned Doctorates, a universe survey of individual doctorate recipients sponsored by the National Science Foundation (NSF) and five other federal agencies.

These data cover earned degrees conferred from 1966 to 2012 in the aggregate United States, which comprises the 50 states, the District of Columbia, and the U.S. territories and outlying areas (American Samoa, the former Canal Zone, Guam, the Northern Mariana Islands, Puerto Rico, the U.S. Virgin Islands, and the Trust Territory of the Pacific Islands). Degree data are compiled for a 12-month period, from July of one year through June of the following year. For convenience, degrees in a given July-through-June period are referred to by the year in which the period ended (e.g., 2012 means the 12-month period beginning 1 July 2011 and ending 30 June 2012).

This publication focuses on degrees in science and engineering (S&E) fields. Where appropriate, the bachelor's and master's degree data are reclassified to be consistent with the NSF field of degree taxonomy. For example, in the data tables, engineering technology degrees and degrees in the health and medical sciences are not included in totals for S&E fields but are provided as separate data tables, as are data on first professional degrees.

The time series for degree data may be affected by changes in definitions, instructions, and field classifications, including the introduction of new specialties. In this report, data for earlier years are presented as consistently as possible with the current field classification system, the 2010 Classification of Instructional Programs (CIP). See appendix B, "Classification of Fields of Study," for complete information on the field classifications used in this report. See also the section "Field Classification Schemes" in appendix A, "Technical Notes," for a discussion of the impacts of field classification changes on counts of bachelor's, master's, and doctoral degrees in six engineering fields and two social sciences fields.

Data Tables

Table **Science and Engineering Degrees: 1966–2012**

Degrees awarded

by degree level

1 all fields and science and engineering

by degree level and sex of recipient

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Bachelor's degrees

by major field group

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10 % distribution to women

11 women as % of all recipients

Master's degrees

by major field group

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13 % distribution

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15 % distribution to men

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17 % distribution to women

18 women as % of all recipients

Doctoral degrees

by major field group

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20 % distribution

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22 % distribution to men

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25 women as % of all recipients

Field of degree

by degree level and sex of recipient

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27 agricultural sciences

28 biological sciences

Table Science and Engineering Degrees: 1966–2012

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30	atmospheric sciences
31	earth and ocean sciences
32	mathematics and computer sciences
33	computer sciences
34	mathematics
35	physical sciences
36	astronomy
37	chemistry
38	physics
39	other physical sciences
40	psychology
41	social sciences
42	economics
43	political science
44	sociology
45	other social sciences
46	engineering
47	aeronautical and astronautical engineering
48	chemical engineering
49	civil engineering
50	electrical engineering
51	industrial and manufacturing engineering
52	materials science engineering
53	mechanical engineering
54	other engineering
55	engineering technology
56	health
	First professional degrees
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TABLE 1. Degrees awarded in all fields and in science and engineering fields, by degree level: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All degrees ^a	S&E degrees	% S&E degrees	All degrees ^a	S&E degrees	% S&E degrees	All degrees	S&E degrees	% S&E degrees
1966	524,008	184,313	35.2	140,772	41,049	29.2	17,949	11,570	64.5
1967	562,369	199,832	35.5	157,892	44,988	28.5	20,403	13,109	64.3
1968	636,863	226,597	35.6	177,150	48,760	27.5	22,937	14,645	63.8
1969	734,003	262,189	35.7	194,414	52,382	26.9	25,743	16,288	63.3
1970	798,070	284,230	35.6	209,387	53,695	25.6	29,498	18,052	61.2
1971	846,110	294,357	34.8	231,486	56,454	24.4	31,867	19,381	60.8
1972	894,110	306,459	34.3	252,774	60,049	23.8	33,041	19,342	58.5
1973	930,272	321,085	34.5	264,525	62,046	23.5	33,755	19,373	57.4
1974	954,376	326,230	34.2	278,259	62,239	22.4	33,047	18,714	56.6
1975	931,663	313,555	33.7	293,651	63,198	21.5	32,952	18,799	57.0
1976	934,443	309,491	33.1	313,001	65,007	20.8	32,946	18,472	56.1
1977	928,228	303,798	32.7	318,241	67,397	21.2	31,716	18,008	56.8
1978	930,201	303,555	32.6	312,816	67,264	21.5	30,875	17,653	57.2
1979	931,340	303,162	32.6	302,075	64,226	21.3	31,238	17,872	57.2
1980	940,251	304,695	32.4	299,095	64,089	21.4	31,019	17,775	57.3
1981	946,877	306,792	32.4	296,798	64,366	21.7	31,355	18,257	58.2
1982	964,043	315,023	32.7	296,580	66,568	22.4	31,109	18,274	58.7
1983	980,679	317,571	32.4	290,931	67,733	23.3	31,280	18,634	59.6
1984	986,345	324,284	32.9	285,462	68,582	24.0	31,334	18,745	59.8
1985	990,877	332,273	33.5	287,213	70,578	24.6	31,295	18,934	60.5
1986	1,000,204	335,405	33.5	289,829	71,840	24.8	31,897	19,435	60.9
1987	1,003,532	331,526	33.0	290,532	72,603	25.0	32,365	19,892	61.5
1988	1,006,033	322,482	32.1	300,091	73,655	24.5	33,497	20,930	62.5
1989	1,030,171	322,821	31.3	311,050	76,425	24.6	34,324	21,731	63.3
1990	1,062,151	329,094	31.0	324,947	77,788	23.9	36,066	22,868	63.4
1991	1,107,997	337,675	30.5	338,498	78,368	23.2	37,530	24,019	64.0
1992	1,150,072	355,265	30.9	354,207	81,107	22.9	38,887	24,674	63.5
1993	1,179,278	366,035	31.0	370,973	86,425	23.3	39,799	25,442	63.9
1994	1,183,141	373,261	31.5	389,008	91,411	23.5	41,033	26,203	63.9
1995	1,174,436	378,148	32.2	399,428	94,309	23.6	41,747	26,535	63.6
1996	1,179,815	384,674	32.6	408,932	95,313	23.3	42,437	27,240	64.2
1997	1,186,589	388,482	32.7	420,954	93,485	22.2	42,538	27,228	64.0
1998	1,199,579	390,618	32.6	431,871	93,918	21.7	42,638	27,274	64.0
1999	NA	NA	NA	NA	NA	NA	41,099	25,930	63.1
2000	1,254,618	398,602	31.8	460,142	96,230	20.9	41,372	25,966	62.8
2001	1,260,308	400,435	31.8	471,329	99,528	21.1	40,745	25,530	62.7
2002	1,308,970	415,983	31.8	485,535	99,650	20.5	40,033	24,610	61.5
2003	1,365,694	442,755	32.4	516,098	108,355	21.0	40,766	25,283	62.0
2004	1,417,421	458,658	32.4	562,862	119,296	21.2	42,123	26,275	62.4
2005	1,456,401	470,214	32.3	578,964	120,870	20.9	43,384	27,985	64.5
2006	1,502,922	478,858	31.9	599,365	120,999	20.2	45,624	29,873	65.5
2007	1,541,704	485,772	31.5	610,469	120,278	19.7	48,133	31,836	66.1
2008	1,580,413	496,168	31.4	631,711	126,404	20.0	48,778	32,837	67.3
2009	1,619,028	505,435	31.2	665,473	134,517	20.2	49,553	33,463	67.5

TABLE 1. Degrees awarded in all fields and in science and engineering fields, by degree level: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All degrees ^a	S&E degrees	% S&E degrees	All degrees ^a	S&E degrees	% S&E degrees	All degrees	S&E degrees	% S&E degrees
2010	1,668,227	525,374	31.5	698,528	139,926	20.0	48,032	33,120	69.0
2011	1,734,229	554,365	32.0	736,455	150,653	20.5	48,908	34,474	70.5
2012	1,810,647	589,330	32.5	757,387	161,371	21.3	51,008	35,809	70.2

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTE: See appendix B for specific fields that are included in S&E.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 2. Degrees awarded in all fields, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	Male	Female	% female	Male	Female	% female	Male	Female	% female
1966	301,037	222,971	42.6	93,184	47,588	33.8	15,863	2,086	11.6
1967	324,236	238,133	42.3	103,179	54,713	34.7	17,961	2,442	12.0
1968	359,747	277,116	43.5	113,749	63,401	35.8	20,005	2,932	12.8
1969	412,865	321,138	43.8	121,881	72,533	37.3	22,355	3,388	13.2
1970	453,605	344,465	43.2	126,146	83,241	39.8	25,527	3,971	13.5
1971	478,423	367,687	43.5	138,590	92,896	40.1	27,271	4,596	14.4
1972	503,631	390,479	43.7	150,085	102,689	40.6	27,754	5,287	16.0
1973	521,534	408,738	43.9	155,000	109,525	41.4	27,670	6,085	18.0
1974	530,907	423,469	44.4	158,344	119,915	43.1	26,594	6,453	19.5
1975	508,424	423,239	45.4	162,115	131,536	44.8	25,751	7,201	21.9
1976	508,549	425,894	45.6	167,745	145,256	46.4	25,262	7,684	23.3
1977	499,121	429,107	46.2	168,210	150,031	47.1	23,858	7,858	24.8
1978	491,066	439,135	47.2	161,708	151,108	48.3	22,553	8,322	27.0
1979	481,394	449,946	48.3	153,772	148,303	49.1	22,301	8,937	28.6
1980	477,750	462,501	49.2	151,159	147,936	49.5	21,612	9,407	30.3
1981	474,336	472,541	49.9	147,431	149,367	50.3	21,463	9,892	31.5
1982	477,543	486,500	50.5	145,941	150,639	50.8	21,016	10,093	32.4
1983	483,395	497,284	50.7	145,114	145,817	50.1	20,748	10,532	33.7
1984	486,750	499,595	50.7	143,998	141,464	49.6	20,636	10,698	34.1
1985	486,660	504,217	50.9	143,716	143,497	50.0	20,552	10,743	34.3
1986	490,143	510,061	51.0	143,932	145,897	50.3	20,592	11,305	35.4
1987	485,003	518,529	51.7	141,655	148,877	51.2	20,934	11,431	35.3
1988	481,236	524,797	52.2	145,403	154,688	51.5	21,677	11,819	35.3
1989	487,566	542,605	52.7	149,399	161,651	52.0	21,811	12,513	36.5
1990	495,867	566,284	53.3	154,025	170,922	52.6	22,960	13,105	36.3
1991	508,952	599,045	54.1	156,895	181,603	53.6	23,521	13,873	37.1
1992	525,395	624,677	54.3	162,299	191,908	54.2	24,235	14,436	37.3
1993	537,536	641,742	54.4	169,753	201,220	54.2	24,387	15,121	38.3
1994	537,061	646,080	54.6	176,762	212,246	54.6	25,061	15,824	38.7
1995	531,146	643,290	54.8	179,198	220,230	55.1	25,162	16,416	39.5
1996	528,000	651,815	55.2	180,360	228,572	55.9	25,293	16,957	40.1
1997	525,282	661,307	55.7	181,457	239,497	56.9	24,944	17,243	40.9
1998	525,714	673,865	56.2	185,061	246,810	57.1	24,630	17,849	42.0
1999	NA	NA	NA	NA	NA	NA	23,439	17,488	42.7
2000	536,059	718,559	57.3	192,821	267,321	58.1	23,166	18,133	43.9
2001	537,421	722,887	57.4	195,277	276,052	58.6	22,782	17,888	44.0
2002	555,640	753,330	57.6	200,199	285,336	58.8	21,812	18,141	45.4
2003	578,937	786,757	57.6	212,513	303,585	58.8	22,257	18,509	45.4
2004	601,588	815,833	57.6	230,786	332,076	59.0	22,965	19,156	45.5
2005	618,758	837,643	57.5	234,829	344,135	59.4	23,736	19,582	45.2
2006	636,559	866,363	57.6	239,418	359,947	60.1	25,023	20,560	45.1
2007	655,393	886,311	57.5	239,892	370,577	60.7	26,203	21,904	45.5
2008	673,788	906,625	57.4	248,971	382,740	60.6	26,272	22,495	46.1
2009	691,428	927,600	57.3	263,478	401,995	60.4	26,332	23,187	46.8
2010	713,336	954,891	57.2	277,170	421,358	60.3	25,527	22,489	46.8
2011	740,357	993,872	57.3	293,301	443,154	60.2	26,192	22,694	46.4
2012	772,175	1,038,472	57.4	302,401	454,986	60.1	27,390	23,562	46.2

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: After 1988, a number of doctoral degree holders did not report sex. Percentages of women are calculated based on the total of men plus women, not on the total number of degrees as reported in table 1. Data on first professional degrees are provided in tables 57–59.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 3. Science and engineering degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	Male	Female	% female	Male	Female	% female	Male	Female	% female
1966	138,679	45,634	24.8	35,580	5,469	13.3	10,646	924	8.0
1967	149,045	50,787	25.4	38,682	6,306	14.0	12,013	1,096	8.4
1968	165,200	61,397	27.1	41,551	7,209	14.8	13,328	1,317	9.0
1969	189,272	72,917	27.8	44,182	8,200	15.7	14,781	1,507	9.3
1970	204,528	79,702	28.0	43,973	9,722	18.1	16,404	1,648	9.1
1971	209,318	85,039	28.9	46,116	10,338	18.3	17,385	1,996	10.3
1972	216,422	90,037	29.4	48,721	11,328	18.9	17,191	2,151	11.1
1973	225,090	95,995	29.9	50,233	11,813	19.0	16,853	2,520	13.0
1974	223,652	102,578	31.4	49,528	12,711	20.4	16,043	2,671	14.3
1975	210,741	102,814	32.8	49,410	13,788	21.8	15,870	2,929	15.6
1976	205,570	103,921	33.6	49,992	15,015	23.1	15,375	3,097	16.8
1977	198,805	104,993	34.6	50,899	16,498	24.5	14,775	3,233	18.0
1978	195,888	107,667	35.5	50,034	17,230	25.6	14,199	3,454	19.6
1979	193,247	109,915	36.3	46,614	17,612	27.4	14,128	3,744	20.9
1980	191,215	113,480	37.2	46,004	18,085	28.2	13,814	3,961	22.3
1981	190,977	115,815	37.8	45,505	18,861	29.3	14,056	4,201	23.0
1982	193,624	121,399	38.5	46,557	20,011	30.1	13,924	4,350	23.8
1983	194,380	123,191	38.8	46,734	20,999	31.0	13,920	4,714	25.3
1984	199,150	125,134	38.6	47,049	21,533	31.4	13,954	4,791	25.6
1985	203,402	128,871	38.8	48,247	22,331	31.6	14,043	4,891	25.8
1986	204,743	130,662	39.0	48,621	23,219	32.3	14,268	5,167	26.6
1987	199,981	131,545	39.7	48,759	23,844	32.8	14,580	5,312	26.7
1988	191,549	130,933	40.6	49,820	23,835	32.4	15,267	5,662	27.1
1989	189,338	133,483	41.3	50,845	25,580	33.5	15,622	6,109	28.1
1990	189,082	140,012	42.5	51,230	26,558	34.1	16,498	6,370	27.9
1991	189,328	148,347	43.9	50,441	27,927	35.6	16,982	6,932	29.0
1992	195,779	159,486	44.9	52,157	28,950	35.7	17,423	7,081	28.9
1993	200,315	165,720	45.3	55,454	30,971	35.8	17,571	7,652	30.3
1994	202,284	170,977	45.8	57,970	33,441	36.6	18,167	7,924	30.4
1995	202,217	175,931	46.5	58,518	35,791	38.0	18,119	8,286	31.4
1996	203,341	181,333	47.1	57,860	37,453	39.3	18,461	8,649	31.9
1997	201,471	187,011	48.1	55,223	38,262	40.9	18,084	8,934	33.1
1998	200,221	190,397	48.7	55,335	38,583	41.1	17,810	9,349	34.4
1999	NA	NA	NA	NA	NA	NA	16,735	9,083	35.2
2000	197,650	200,952	50.4	54,560	41,670	43.3	16,518	9,394	36.3
2001	197,771	202,664	50.6	55,884	43,644	43.9	16,189	9,298	36.5
2002	204,675	211,308	50.8	55,939	43,711	43.9	15,392	9,174	37.3
2003	219,815	222,940	50.4	61,183	47,172	43.5	15,761	9,522	37.7
2004	227,861	230,797	50.3	67,215	52,081	43.7	16,417	9,857	37.5
2005	233,924	236,290	50.3	67,244	53,626	44.4	17,405	10,539	37.7
2006	238,029	240,829	50.3	66,249	54,750	45.2	18,375	11,479	38.5
2007	241,697	244,075	50.2	65,353	54,925	45.7	19,542	12,282	38.6
2008	246,719	249,449	50.3	68,810	57,594	45.6	19,857	12,973	39.5
2009	250,742	254,693	50.4	73,489	61,028	45.4	19,840	13,595	40.7
2010	261,091	264,283	50.3	76,266	63,660	45.5	19,570	13,540	40.9
2011	275,258	279,107	50.3	82,451	68,202	45.3	20,380	14,077	40.9
2012	291,791	297,539	50.5	87,810	73,561	45.6	21,233	14,534	40.6

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: After 1988, a number of doctoral degree holders did not report sex. Percentages of women are calculated based on the total of men plus women, not on the total number of degrees as reported in table 1. Data on first professional degrees are provided in tables 57–59.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 4. Degrees awarded in fields other than science and engineering, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	Male	Female	% female	Male	Female	% female	Male	Female	% female
1966	162,358	177,337	52.2	57,604	42,119	42.2	5,217	1,162	18.2
1967	175,191	187,346	51.7	64,497	48,407	42.9	5,948	1,346	18.5
1968	194,547	215,719	52.6	72,198	56,192	43.8	6,677	1,615	19.5
1969	223,593	248,221	52.6	77,699	64,333	45.3	7,574	1,881	19.9
1970	249,077	264,763	51.5	82,173	73,519	47.2	9,123	2,323	20.3
1971	269,105	282,648	51.2	92,474	82,558	47.2	9,886	2,600	20.8
1972	287,209	300,442	51.1	101,364	91,361	47.4	10,563	3,136	22.9
1973	296,444	312,743	51.3	104,767	97,712	48.3	10,817	3,565	24.8
1974	307,255	320,891	51.1	108,816	107,204	49.6	10,551	3,782	26.4
1975	297,683	320,425	51.8	112,705	117,748	51.1	9,881	4,272	30.2
1976	302,979	321,973	51.5	117,753	130,241	52.5	9,887	4,587	31.7
1977	300,316	324,114	51.9	117,311	133,533	53.2	9,083	4,625	33.7
1978	295,178	331,468	52.9	111,674	133,878	54.5	8,354	4,868	36.8
1979	288,147	340,031	54.1	107,158	130,691	54.9	8,173	5,193	38.9
1980	286,535	349,021	54.9	105,155	129,851	55.3	7,798	5,446	41.1
1981	283,359	356,726	55.7	101,926	130,506	56.1	7,407	5,691	43.4
1982	283,919	365,101	56.3	99,384	130,628	56.8	7,092	5,743	44.7
1983	289,015	374,093	56.4	98,380	124,818	55.9	6,828	5,818	46.0
1984	287,600	374,461	56.6	96,949	119,931	55.3	6,682	5,907	46.9
1985	283,258	375,346	57.0	95,469	121,166	55.9	6,509	5,852	47.3
1986	285,400	379,399	57.1	95,311	122,678	56.3	6,324	6,138	49.3
1987	285,022	386,984	57.6	92,896	125,033	57.4	6,354	6,119	49.1
1988	289,687	393,864	57.6	95,583	130,853	57.8	6,410	6,157	49.0
1989	298,228	409,122	57.8	98,554	136,071	58.0	6,189	6,404	50.9
1990	306,785	426,272	58.1	102,795	144,364	58.4	6,462	6,735	51.0
1991	319,624	450,698	58.5	106,454	153,676	59.1	6,539	6,941	51.5
1992	329,616	465,191	58.5	110,142	162,958	59.7	6,812	7,355	51.9
1993	337,221	476,022	58.5	114,299	170,249	59.8	6,816	7,469	52.3
1994	334,777	475,103	58.7	118,792	178,805	60.1	6,894	7,900	53.4
1995	328,929	467,359	58.7	120,680	184,439	60.4	7,043	8,130	53.6
1996	324,659	470,482	59.2	122,500	191,119	60.9	6,832	8,308	54.9
1997	323,811	474,296	59.4	126,234	201,235	61.5	6,860	8,309	54.8
1998	325,493	483,468	59.8	129,726	208,227	61.6	6,820	8,500	55.5
1999	NA	NA	NA	NA	NA	NA	6,704	8,405	55.6
2000	338,409	517,607	60.5	138,261	225,651	62.0	6,648	8,739	56.8
2001	339,650	520,223	60.5	139,393	232,408	62.5	6,593	8,590	56.6
2002	350,965	542,022	60.7	144,260	241,625	62.6	6,420	8,967	58.3
2003	359,122	563,817	61.1	151,330	256,413	62.9	6,496	8,987	58.0
2004	373,727	585,036	61.0	163,571	279,995	63.1	6,548	9,299	58.7
2005	384,834	601,353	61.0	167,585	290,509	63.4	6,331	9,043	58.8
2006	398,530	625,534	61.1	173,169	305,197	63.8	6,648	9,081	57.7
2007	413,696	642,236	60.8	174,539	315,652	64.4	6,661	9,622	59.1
2008	427,069	657,176	60.6	180,161	325,146	64.3	6,415	9,522	59.7
2009	440,686	672,907	60.4	189,989	340,967	64.2	6,492	9,592	59.6
2010	452,245	690,608	60.4	200,904	357,698	64.0	5,957	8,949	60.0
2011	465,099	714,765	60.6	210,850	374,952	64.0	5,812	8,617	59.7
2012	480,384	740,933	60.7	214,591	381,425	64.0	6,157	9,028	59.5

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: After 1988, a number of doctoral degree holders did not report sex. Percentages of women are calculated based on the total of men plus women, not on the total number of degrees as reported in table 1. Data on first professional degrees are provided in tables 57–59.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 5. Bachelor's degrees awarded, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields ^a	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	524,008	184,313	29,804	1,712	20,179	15,462	16,966	64,364	35,826	339,695
1967	562,369	199,832	32,489	1,936	21,530	15,847	19,435	72,398	36,197	362,537
1968	636,863	226,597	36,141	2,339	24,084	17,037	23,921	85,395	37,680	410,266
1969	734,003	262,189	41,280	2,924	28,263	18,623	29,458	100,059	41,582	471,814
1970	798,070	284,230	44,447	3,351	29,109	18,173	33,784	110,596	44,770	513,840
1971	846,110	294,357	45,728	3,562	27,306	17,948	38,154	116,411	45,248	551,753
1972	894,110	306,459	48,291	4,055	27,250	16,814	43,421	120,917	45,711	587,651
1973	930,272	321,085	54,687	4,374	27,528	16,415	48,096	123,206	46,779	609,187
1974	954,376	326,230	61,906	4,823	26,570	16,453	52,256	120,974	43,248	628,146
1975	931,663	313,555	66,321	4,877	23,385	16,001	51,436	111,711	39,824	618,108
1976	934,443	309,491	70,004	5,046	21,749	16,497	50,363	107,042	38,790	624,952
1977	928,228	303,798	70,589	5,653	20,729	16,937	47,794	100,739	41,357	624,430
1978	930,201	303,555	69,215	6,003	19,925	17,143	45,057	98,961	47,251	626,646
1979	931,340	303,162	66,781	6,082	20,670	17,257	43,012	95,891	53,469	628,178
1980	940,251	304,695	63,942	6,155	22,686	17,470	42,513	93,119	58,810	635,556
1981	946,877	306,792	59,922	6,694	26,406	17,446	41,364	91,243	63,717	640,085
1982	964,043	315,023	57,535	7,061	32,139	17,263	41,539	92,026	67,460	649,020
1983	980,679	317,571	55,411	7,298	37,344	16,197	40,825	87,826	72,670	663,108
1984	986,345	324,284	52,351	7,925	45,946	15,831	40,375	85,703	76,153	662,061
1985	990,877	332,273	51,312	7,576	54,510	16,270	40,237	84,796	77,572	658,604
1986	1,000,204	335,405	50,441	6,076	58,726	15,784	40,937	86,621	76,820	664,799
1987	1,003,532	331,526	48,571	4,689	56,442	15,464	43,195	88,740	74,425	672,006
1988	1,006,033	322,482	46,925	3,554	50,877	14,255	45,378	91,339	70,154	683,551
1989	1,030,171	322,821	45,531	3,181	46,277	14,148	48,954	97,783	66,947	707,350
1990	1,062,151	329,094	46,451	2,776	42,369	13,425	54,018	105,350	64,705	733,057
1991	1,107,997	337,675	48,783	2,728	40,194	13,678	58,893	111,212	62,187	770,322
1992	1,150,072	355,265	54,193	3,201	39,889	13,875	64,033	118,133	61,941	794,807
1993	1,179,278	366,035	59,621	3,503	39,433	14,188	67,251	119,334	62,705	813,243
1994	1,183,141	373,261	65,268	3,868	39,185	14,655	69,768	117,505	63,012	809,880
1995	1,174,436	378,148	71,470	4,478	38,620	14,897	72,601	112,711	63,371	796,288
1996	1,179,815	384,674	78,469	4,457	37,621	15,396	73,828	111,789	63,114	795,141
1997	1,186,589	388,482	82,500	4,466	38,116	15,264	74,734	111,050	62,352	798,107
1998	1,199,579	390,618	85,079	4,321	39,768	15,273	74,457	110,806	60,914	808,961
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	1,254,618	398,602	83,132	4,019	49,233	14,578	74,656	113,497	59,487	856,016
2001	1,260,308	400,435	79,475	3,968	55,034	14,146	74,124	114,474	59,214	859,873
2002	1,308,970	415,983	79,034	3,984	61,960	13,997	77,297	119,106	60,605	892,987
2003	1,365,694	442,755	81,220	3,949	70,789	14,110	79,163	129,735	63,789	922,939
2004	1,417,421	458,658	81,808	3,903	73,703	14,219	82,606	137,739	64,680	958,763
2005	1,456,401	470,214	85,092	3,959	69,404	15,005	86,031	144,571	66,152	986,187
2006	1,502,922	478,858	90,279	3,987	63,310	16,390	88,551	148,114	68,227	1,024,064
2007	1,541,704	485,772	97,044	4,077	58,147	17,007	90,498	150,725	68,274	1,055,932
2008	1,580,413	496,168	100,872	4,314	54,763	17,652	92,989	155,670	69,908	1,084,245
2009	1,619,028	505,435	104,726	4,542	54,704	17,942	94,743	158,178	70,600	1,113,593

TABLE 5. Bachelor's degrees awarded, by major field group: 1966–2012

Academic year ending	All fields ^a	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	1,668,227	525,374	110,015	4,802	56,939	18,402	97,746	163,071	74,399	1,142,853
2011	1,734,229	554,365	116,413	5,299	61,607	19,198	101,568	172,181	78,099	1,179,864
2012	1,810,647	589,330	124,960	5,865	67,779	20,421	109,716	177,326	83,263	1,221,317

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/National Center for Science and Engineering Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 6. Percentage distribution of bachelor's degrees awarded, by major field group: 1966–2012

Academic year ending	All fields ^a	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	100.0	35.2	5.7	0.3	3.9	3.0	3.2	12.3	6.8	64.8
1967	100.0	35.5	5.8	0.3	3.8	2.8	3.5	12.9	6.4	64.5
1968	100.0	35.6	5.7	0.4	3.8	2.7	3.8	13.4	5.9	64.4
1969	100.0	35.7	5.6	0.4	3.9	2.5	4.0	13.6	5.7	64.3
1970	100.0	35.6	5.6	0.4	3.6	2.3	4.2	13.9	5.6	64.4
1971	100.0	34.8	5.4	0.4	3.2	2.1	4.5	13.8	5.3	65.2
1972	100.0	34.3	5.4	0.5	3.0	1.9	4.9	13.5	5.1	65.7
1973	100.0	34.5	5.9	0.5	3.0	1.8	5.2	13.2	5.0	65.5
1974	100.0	34.2	6.5	0.5	2.8	1.7	5.5	12.7	4.5	65.8
1975	100.0	33.7	7.1	0.5	2.5	1.7	5.5	12.0	4.3	66.3
1976	100.0	33.1	7.5	0.5	2.3	1.8	5.4	11.5	4.2	66.9
1977	100.0	32.7	7.6	0.6	2.2	1.8	5.1	10.9	4.5	67.3
1978	100.0	32.6	7.4	0.6	2.1	1.8	4.8	10.6	5.1	67.4
1979	100.0	32.6	7.2	0.7	2.2	1.9	4.6	10.3	5.7	67.4
1980	100.0	32.4	6.8	0.7	2.4	1.9	4.5	9.9	6.3	67.6
1981	100.0	32.4	6.3	0.7	2.8	1.8	4.4	9.6	6.7	67.6
1982	100.0	32.7	6.0	0.7	3.3	1.8	4.3	9.5	7.0	67.3
1983	100.0	32.4	5.7	0.7	3.8	1.7	4.2	9.0	7.4	67.6
1984	100.0	32.9	5.3	0.8	4.7	1.6	4.1	8.7	7.7	67.1
1985	100.0	33.5	5.2	0.8	5.5	1.6	4.1	8.6	7.8	66.5
1986	100.0	33.5	5.0	0.6	5.9	1.6	4.1	8.7	7.7	66.5
1987	100.0	33.0	4.8	0.5	5.6	1.5	4.3	8.8	7.4	67.0
1988	100.0	32.1	4.7	0.4	5.1	1.4	4.5	9.1	7.0	67.9
1989	100.0	31.3	4.4	0.3	4.5	1.4	4.8	9.5	6.5	68.7
1990	100.0	31.0	4.4	0.3	4.0	1.3	5.1	9.9	6.1	69.0
1991	100.0	30.5	4.4	0.2	3.6	1.2	5.3	10.0	5.6	69.5
1992	100.0	30.9	4.7	0.3	3.5	1.2	5.6	10.3	5.4	69.1
1993	100.0	31.0	5.1	0.3	3.3	1.2	5.7	10.1	5.3	69.0
1994	100.0	31.5	5.5	0.3	3.3	1.2	5.9	9.9	5.3	68.5
1995	100.0	32.2	6.1	0.4	3.3	1.3	6.2	9.6	5.4	67.8
1996	100.0	32.6	6.7	0.4	3.2	1.3	6.3	9.5	5.3	67.4
1997	100.0	32.7	7.0	0.4	3.2	1.3	6.3	9.4	5.3	67.3
1998	100.0	32.6	7.1	0.4	3.3	1.3	6.2	9.2	5.1	67.4
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	100.0	31.8	6.6	0.3	3.9	1.2	6.0	9.0	4.7	68.2
2001	100.0	31.8	6.3	0.3	4.4	1.1	5.9	9.1	4.7	68.2
2002	100.0	31.8	6.0	0.3	4.7	1.1	5.9	9.1	4.6	68.2
2003	100.0	32.4	5.9	0.3	5.2	1.0	5.8	9.5	4.7	67.6
2004	100.0	32.4	5.8	0.3	5.2	1.0	5.8	9.7	4.6	67.6
2005	100.0	32.3	5.8	0.3	4.8	1.0	5.9	9.9	4.5	67.7
2006	100.0	31.9	6.0	0.3	4.2	1.1	5.9	9.9	4.5	68.1
2007	100.0	31.5	6.3	0.3	3.8	1.1	5.9	9.8	4.4	68.5
2008	100.0	31.4	6.4	0.3	3.5	1.1	5.9	9.8	4.4	68.6
2009	100.0	31.2	6.5	0.3	3.4	1.1	5.9	9.8	4.4	68.8

TABLE 6. Percentage distribution of bachelor's degrees awarded, by major field group: 1966–2012

TABLE 6-1 Percentage distribution of bachelor's degrees awarded, by major field group, 1980-2012										
Academic year ending	All fields ^a	Total	Science and engineering fields							Non-S&E fields
			Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	100.0	31.5	6.6	0.3	3.4	1.1	5.9	9.8	4.5	68.5
2011	100.0	32.0	6.7	0.3	3.6	1.1	5.9	9.9	4.5	68.0
2012	100.0	32.5	6.9	0.3	3.7	1.1	6.1	9.8	4.6	67.5

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 7. Bachelor's degrees awarded to men, by major field group: 1966–2012

Academic year ending	All fields ^a	Total	Science and engineering fields							Non-S&E fields
			Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	301,037	138,679	22,339	1,551	13,477	13,290	10,038	42,304	35,680	162,358
1967	324,236	149,045	24,541	1,739	14,196	13,642	11,657	47,257	36,013	175,191
1968	359,747	165,200	27,175	2,105	15,243	14,602	13,791	54,820	37,464	194,547
1969	412,865	189,272	31,190	2,633	17,915	15,962	16,758	63,544	41,270	223,593
1970	453,605	204,528	33,747	3,008	18,593	15,547	19,067	70,133	44,433	249,077
1971	478,423	209,318	34,712	3,179	17,488	15,317	21,117	72,618	44,887	269,105
1972	503,631	216,422	36,514	3,560	17,466	14,161	23,267	76,235	45,219	287,209
1973	521,534	225,090	40,908	3,842	17,543	13,826	25,110	77,658	46,203	296,444
1974	530,907	223,652	45,174	4,055	16,851	13,686	25,849	75,487	42,550	307,255
1975	508,424	210,741	46,937	4,050	14,729	12,990	24,333	68,723	38,979	297,683
1976	508,549	205,570	48,168	4,124	14,071	13,280	22,987	65,467	37,473	302,979
1977	499,121	198,805	47,339	4,479	13,241	13,560	20,692	60,181	39,313	300,316
1978	491,066	195,888	44,852	4,709	12,815	13,453	18,517	57,773	43,769	295,178
1979	481,394	193,247	41,994	4,695	13,249	13,358	16,649	54,714	48,588	288,147
1980	477,750	191,215	38,931	4,693	14,439	13,285	15,590	51,419	52,858	286,535
1981	474,336	190,977	35,265	5,028	16,672	13,137	14,447	49,774	56,654	283,359
1982	477,543	193,624	33,222	5,254	19,966	12,737	13,756	49,504	59,185	283,919
1983	483,395	194,380	31,132	5,450	22,802	11,586	13,228	47,164	63,018	289,015
1984	486,750	199,150	29,108	5,991	27,893	11,175	12,949	46,610	65,424	287,600
1985	486,660	203,402	28,172	5,715	32,985	11,434	12,815	45,955	66,326	283,258
1986	490,143	204,743	27,488	4,722	35,920	11,088	12,691	47,152	65,682	285,400
1987	485,003	199,981	26,168	3,629	34,871	10,792	13,399	48,101	63,021	285,022
1988	481,236	191,549	24,550	2,707	32,112	9,673	13,584	49,548	59,375	289,687
1989	487,566	189,338	23,852	2,380	29,682	9,777	14,291	52,597	56,759	298,228
1990	495,867	189,082	24,050	2,001	27,184	9,106	15,399	56,610	54,732	306,785
1991	508,952	189,328	25,007	1,946	25,700	9,253	16,155	58,745	52,522	319,624
1992	525,395	195,779	27,473	2,177	25,693	9,289	17,130	61,712	52,305	329,616
1993	537,536	200,315	30,439	2,453	25,483	9,424	18,029	61,763	52,724	337,221
1994	537,061	202,284	33,347	2,665	25,397	9,588	18,749	59,929	52,609	334,777
1995	531,146	202,217	35,915	2,954	25,066	9,605	19,638	56,618	52,421	328,929
1996	528,000	203,341	39,100	2,972	24,857	9,694	19,965	54,955	51,798	324,659
1997	525,282	201,471	39,967	2,924	25,324	9,382	19,491	53,501	50,882	323,811
1998	525,714	200,221	40,235	2,722	26,670	9,279	19,057	52,683	49,575	325,493
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	536,059	197,650	36,716	2,413	33,113	8,590	17,542	51,995	47,281	338,409
2001	537,421	197,771	33,947	2,346	37,500	8,237	16,694	51,745	47,302	339,650
2002	555,640	204,675	32,755	2,282	42,518	8,023	17,389	53,785	47,923	350,965
2003	578,937	219,815	32,763	2,298	49,251	8,231	17,629	58,834	50,809	359,122
2004	601,588	227,861	32,655	2,256	52,330	8,221	18,322	62,660	51,417	373,727
2005	618,758	233,924	34,081	2,299	50,636	8,590	19,099	66,270	52,949	384,834
2006	636,559	238,029	36,315	2,341	46,496	9,437	19,975	68,576	54,889	398,530
2007	655,393	241,697	40,128	2,399	43,376	10,021	20,446	69,706	55,621	413,696
2008	673,788	246,719	42,153	2,559	40,922	10,368	21,307	72,423	56,987	427,069
2009	691,428	250,742	43,811	2,774	40,839	10,491	21,579	73,398	57,850	440,686

TABLE 7. Bachelor's degrees awarded to men, by major field group: 1966–2012

Academic year ending	All fields ^a	Total	Science and engineering fields							Non-S&E fields
			Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	713,336	261,091	46,428	2,913	42,385	10,804	22,410	75,445	60,706	452,245
2011	740,357	275,258	48,764	3,219	46,162	11,404	23,401	78,867	63,441	465,099
2012	772,175	291,791	52,299	3,570	50,513	12,137	25,590	80,400	67,282	480,384

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 8. Percentage distribution of bachelor's degrees awarded to men, by major field group: 1966–2012

Academic year ending	All fields ^a	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	100.0	46.1	7.4	0.5	4.5	4.4	3.3	14.1	11.9	53.9
1967	100.0	46.0	7.6	0.5	4.4	4.2	3.6	14.6	11.1	54.0
1968	100.0	45.9	7.6	0.6	4.2	4.1	3.8	15.2	10.4	54.1
1969	100.0	45.8	7.6	0.6	4.3	3.9	4.1	15.4	10.0	54.2
1970	100.0	45.1	7.4	0.7	4.1	3.4	4.2	15.5	9.8	54.9
1971	100.0	43.8	7.3	0.7	3.7	3.2	4.4	15.2	9.4	56.2
1972	100.0	43.0	7.3	0.7	3.5	2.8	4.6	15.1	9.0	57.0
1973	100.0	43.2	7.8	0.7	3.4	2.7	4.8	14.9	8.9	56.8
1974	100.0	42.1	8.5	0.8	3.2	2.6	4.9	14.2	8.0	57.9
1975	100.0	41.4	9.2	0.8	2.9	2.6	4.8	13.5	7.7	58.6
1976	100.0	40.4	9.5	0.8	2.8	2.6	4.5	12.9	7.4	59.6
1977	100.0	39.8	9.5	0.9	2.7	2.7	4.1	12.1	7.9	60.2
1978	100.0	39.9	9.1	1.0	2.6	2.7	3.8	11.8	8.9	60.1
1979	100.0	40.1	8.7	1.0	2.8	2.8	3.5	11.4	10.1	59.9
1980	100.0	40.0	8.1	1.0	3.0	2.8	3.3	10.8	11.1	60.0
1981	100.0	40.3	7.4	1.1	3.5	2.8	3.0	10.5	11.9	59.7
1982	100.0	40.5	7.0	1.1	4.2	2.7	2.9	10.4	12.4	59.5
1983	100.0	40.2	6.4	1.1	4.7	2.4	2.7	9.8	13.0	59.8
1984	100.0	40.9	6.0	1.2	5.7	2.3	2.7	9.6	13.4	59.1
1985	100.0	41.8	5.8	1.2	6.8	2.3	2.6	9.4	13.6	58.2
1986	100.0	41.8	5.6	1.0	7.3	2.3	2.6	9.6	13.4	58.2
1987	100.0	41.2	5.4	0.7	7.2	2.2	2.8	9.9	13.0	58.8
1988	100.0	39.8	5.1	0.6	6.7	2.0	2.8	10.3	12.3	60.2
1989	100.0	38.8	4.9	0.5	6.1	2.0	2.9	10.8	11.6	61.2
1990	100.0	38.1	4.9	0.4	5.5	1.8	3.1	11.4	11.0	61.9
1991	100.0	37.2	4.9	0.4	5.0	1.8	3.2	11.5	10.3	62.8
1992	100.0	37.3	5.2	0.4	4.9	1.8	3.3	11.7	10.0	62.7
1993	100.0	37.3	5.7	0.5	4.7	1.8	3.4	11.5	9.8	62.7
1994	100.0	37.7	6.2	0.5	4.7	1.8	3.5	11.2	9.8	62.3
1995	100.0	38.1	6.8	0.6	4.7	1.8	3.7	10.7	9.9	61.9
1996	100.0	38.5	7.4	0.6	4.7	1.8	3.8	10.4	9.8	61.5
1997	100.0	38.4	7.6	0.6	4.8	1.8	3.7	10.2	9.7	61.6
1998	100.0	38.1	7.7	0.5	5.1	1.8	3.6	10.0	9.4	61.9
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	100.0	36.9	6.8	0.5	6.2	1.6	3.3	9.7	8.8	63.1
2001	100.0	36.8	6.3	0.4	7.0	1.5	3.1	9.6	8.8	63.2
2002	100.0	36.8	5.9	0.4	7.7	1.4	3.1	9.7	8.6	63.2
2003	100.0	38.0	5.7	0.4	8.5	1.4	3.0	10.2	8.8	62.0
2004	100.0	37.9	5.4	0.4	8.7	1.4	3.0	10.4	8.5	62.1
2005	100.0	37.8	5.5	0.4	8.2	1.4	3.1	10.7	8.6	62.2
2006	100.0	37.4	5.7	0.4	7.3	1.5	3.1	10.8	8.6	62.6
2007	100.0	36.9	6.1	0.4	6.6	1.5	3.1	10.6	8.5	63.1
2008	100.0	36.6	6.3	0.4	6.1	1.5	3.2	10.7	8.5	63.4
2009	100.0	36.3	6.3	0.4	5.9	1.5	3.1	10.6	8.4	63.7

TABLE 8. Percentage distribution of bachelor's degrees awarded to men, by major field group: 1966–2012

Academic year ending	All fields ^a	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	100.0	36.6	6.5	0.4	5.9	1.5	3.1	10.6	8.5	63.4
2011	100.0	37.2	6.6	0.4	6.2	1.5	3.2	10.7	8.6	62.8
2012	100.0	37.8	6.8	0.5	6.5	1.6	3.3	10.4	8.7	62.2

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 9. Bachelor's degrees awarded to women, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields ^a	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	222,971	45,634	7,465	161	6,702	2,172	6,928	22,060	146	177,337
1967	238,133	50,787	7,948	197	7,334	2,205	7,778	25,141	184	187,346
1968	277,116	61,397	8,966	234	8,841	2,435	10,130	30,575	216	215,719
1969	321,138	72,917	10,090	291	10,348	2,661	12,700	36,515	312	248,221
1970	344,465	79,702	10,700	343	10,516	2,626	14,717	40,463	337	264,763
1971	367,687	85,039	11,016	383	9,818	2,631	17,037	43,793	361	282,648
1972	390,479	90,037	11,777	495	9,784	2,653	20,154	44,682	492	300,442
1973	408,738	95,995	13,779	532	9,985	2,589	22,986	45,548	576	312,743
1974	423,469	102,578	16,732	768	9,719	2,767	26,407	45,487	698	320,891
1975	423,239	102,814	19,384	827	8,656	3,011	27,103	42,988	845	320,425
1976	425,894	103,921	21,836	922	7,678	3,217	27,376	41,575	1,317	321,973
1977	429,107	104,993	23,250	1,174	7,488	3,377	27,102	40,558	2,044	324,114
1978	439,135	107,667	24,363	1,294	7,110	3,690	26,540	41,188	3,482	331,468
1979	449,946	109,915	24,787	1,387	7,421	3,899	26,363	41,177	4,881	340,031
1980	462,501	113,480	25,011	1,462	8,247	4,185	26,923	41,700	5,952	349,021
1981	472,541	115,815	24,657	1,666	9,734	4,309	26,917	41,469	7,063	356,726
1982	486,500	121,399	24,313	1,807	12,173	4,526	27,783	42,522	8,275	365,101
1983	497,284	123,191	24,279	1,848	14,542	4,611	27,597	40,662	9,652	374,093
1984	499,595	125,134	23,243	1,934	18,053	4,656	27,426	39,093	10,729	374,461
1985	504,217	128,871	23,140	1,861	21,525	4,836	27,422	38,841	11,246	375,346
1986	510,061	130,662	22,953	1,354	22,806	4,696	28,246	39,469	11,138	379,399
1987	518,529	131,545	22,403	1,060	21,571	4,672	29,796	40,639	11,404	386,984
1988	524,797	130,933	22,375	847	18,765	4,582	31,794	41,791	10,779	393,864
1989	542,605	133,483	21,679	801	16,595	4,371	34,663	45,186	10,188	409,122
1990	566,284	140,012	22,401	775	15,185	4,319	38,619	48,740	9,973	426,272
1991	599,045	148,347	23,776	782	14,494	4,425	42,738	52,467	9,665	450,698
1992	624,677	159,486	26,720	1,024	14,196	4,586	46,903	56,421	9,636	465,191
1993	641,742	165,720	29,182	1,050	13,950	4,764	49,222	57,571	9,981	476,022
1994	646,080	170,977	31,921	1,203	13,788	5,067	51,019	57,576	10,403	475,103
1995	643,290	175,931	35,555	1,524	13,554	5,292	52,963	56,093	10,950	467,359
1996	651,815	181,333	39,369	1,485	12,764	5,702	53,863	56,834	11,316	470,482
1997	661,307	187,011	42,533	1,542	12,792	5,882	55,243	57,549	11,470	474,296
1998	673,865	190,397	44,844	1,599	13,098	5,994	55,400	58,123	11,339	483,468
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	718,559	200,952	46,416	1,606	16,120	5,988	57,114	61,502	12,206	517,607
2001	722,887	202,664	45,528	1,622	17,534	5,909	57,430	62,729	11,912	520,223
2002	753,330	211,308	46,279	1,702	19,442	5,974	59,908	65,321	12,682	542,022
2003	786,757	222,940	48,457	1,651	21,538	5,879	61,534	70,901	12,980	563,817
2004	815,833	230,797	49,153	1,647	21,373	5,998	64,284	75,079	13,263	585,036
2005	837,643	236,290	51,011	1,660	18,768	6,415	66,932	78,301	13,203	601,353
2006	866,363	240,829	53,964	1,646	16,814	6,953	68,576	79,538	13,338	625,534
2007	886,311	244,075	56,916	1,678	14,771	6,986	70,052	81,019	12,653	642,236
2008	906,625	249,449	58,719	1,755	13,841	7,284	71,682	83,247	12,921	657,176
2009	927,600	254,693	60,915	1,768	13,865	7,451	73,164	84,780	12,750	672,907

TABLE 9. Bachelor's degrees awarded to women, by major field group: 1966–2012

Academic year ending	All fields ^a	Total	Science and engineering fields							Non-S&E fields
			Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	954,891	264,283	63,587	1,889	14,554	7,598	75,336	87,626	13,693	690,608
2011	993,872	279,107	67,649	2,080	15,445	7,794	78,167	93,314	14,658	714,765
2012	1,038,472	297,539	72,661	2,295	17,266	8,284	84,126	96,926	15,981	740,933

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 10. Percentage distribution of bachelor's degrees awarded to women, by major field group: 1966–2012

Academic year ending	All fields ^a	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	100.0	20.5	3.3	0.1	3.0	1.0	3.1	9.9	0.1	79.5
1967	100.0	21.3	3.3	0.1	3.1	0.9	3.3	10.6	0.1	78.7
1968	100.0	22.2	3.2	0.1	3.2	0.9	3.7	11.0	0.1	77.8
1969	100.0	22.7	3.1	0.1	3.2	0.8	4.0	11.4	0.1	77.3
1970	100.0	23.1	3.1	0.1	3.1	0.8	4.3	11.7	0.1	76.9
1971	100.0	23.1	3.0	0.1	2.7	0.7	4.6	11.9	0.1	76.9
1972	100.0	23.1	3.0	0.1	2.5	0.7	5.2	11.4	0.1	76.9
1973	100.0	23.5	3.4	0.1	2.4	0.6	5.6	11.1	0.1	76.5
1974	100.0	24.2	4.0	0.2	2.3	0.7	6.2	10.7	0.2	75.8
1975	100.0	24.3	4.6	0.2	2.0	0.7	6.4	10.2	0.2	75.7
1976	100.0	24.4	5.1	0.2	1.8	0.8	6.4	9.8	0.3	75.6
1977	100.0	24.5	5.4	0.3	1.7	0.8	6.3	9.5	0.5	75.5
1978	100.0	24.5	5.5	0.3	1.6	0.8	6.0	9.4	0.8	75.5
1979	100.0	24.4	5.5	0.3	1.6	0.9	5.9	9.2	1.1	75.6
1980	100.0	24.5	5.4	0.3	1.8	0.9	5.8	9.0	1.3	75.5
1981	100.0	24.5	5.2	0.4	2.1	0.9	5.7	8.8	1.5	75.5
1982	100.0	25.0	5.0	0.4	2.5	0.9	5.7	8.7	1.7	75.0
1983	100.0	24.8	4.9	0.4	2.9	0.9	5.5	8.2	1.9	75.2
1984	100.0	25.0	4.7	0.4	3.6	0.9	5.5	7.8	2.1	75.0
1985	100.0	25.6	4.6	0.4	4.3	1.0	5.4	7.7	2.2	74.4
1986	100.0	25.6	4.5	0.3	4.5	0.9	5.5	7.7	2.2	74.4
1987	100.0	25.4	4.3	0.2	4.2	0.9	5.7	7.8	2.2	74.6
1988	100.0	24.9	4.3	0.2	3.6	0.9	6.1	8.0	2.1	75.1
1989	100.0	24.6	4.0	0.1	3.1	0.8	6.4	8.3	1.9	75.4
1990	100.0	24.7	4.0	0.1	2.7	0.8	6.8	8.6	1.8	75.3
1991	100.0	24.8	4.0	0.1	2.4	0.7	7.1	8.8	1.6	75.2
1992	100.0	25.5	4.3	0.2	2.3	0.7	7.5	9.0	1.5	74.5
1993	100.0	25.8	4.5	0.2	2.2	0.7	7.7	9.0	1.6	74.2
1994	100.0	26.5	4.9	0.2	2.1	0.8	7.9	8.9	1.6	73.5
1995	100.0	27.3	5.5	0.2	2.1	0.8	8.2	8.7	1.7	72.7
1996	100.0	27.8	6.0	0.2	2.0	0.9	8.3	8.7	1.7	72.2
1997	100.0	28.3	6.4	0.2	1.9	0.9	8.4	8.7	1.7	71.7
1998	100.0	28.3	6.7	0.2	1.9	0.9	8.2	8.6	1.7	71.7
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	100.0	28.0	6.5	0.2	2.2	0.8	7.9	8.6	1.7	72.0
2001	100.0	28.0	6.3	0.2	2.4	0.8	7.9	8.7	1.6	72.0
2002	100.0	28.0	6.1	0.2	2.6	0.8	8.0	8.7	1.7	72.0
2003	100.0	28.3	6.2	0.2	2.7	0.7	7.8	9.0	1.6	71.7
2004	100.0	28.3	6.0	0.2	2.6	0.7	7.9	9.2	1.6	71.7
2005	100.0	28.2	6.1	0.2	2.2	0.8	8.0	9.3	1.6	71.8
2006	100.0	27.8	6.2	0.2	1.9	0.8	7.9	9.2	1.5	72.2
2007	100.0	27.5	6.4	0.2	1.7	0.8	7.9	9.1	1.4	72.5
2008	100.0	27.5	6.5	0.2	1.5	0.8	7.9	9.2	1.4	72.5
2009	100.0	27.5	6.6	0.2	1.5	0.8	7.9	9.1	1.4	72.5

TABLE 10. Percentage distribution of bachelor's degrees awarded to women, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields ^a	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	100.0	27.7	6.7	0.2	1.5	0.8	7.9	9.2	1.4	72.3
2011	100.0	28.1	6.8	0.2	1.6	0.8	7.9	9.4	1.5	71.9
2012	100.0	28.7	7.0	0.2	1.7	0.8	8.1	9.3	1.5	71.3

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 11. Women as a percentage of all bachelor's recipients, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields ^a	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	42.6	24.8	25.0	9.4	33.2	14.0	40.8	34.3	0.4	52.2
1967	42.3	25.4	24.5	10.2	34.1	13.9	40.0	34.7	0.5	51.7
1968	43.5	27.1	24.8	10.0	36.7	14.3	42.3	35.8	0.6	52.6
1969	43.8	27.8	24.4	10.0	36.6	14.3	43.1	36.5	0.8	52.6
1970	43.2	28.0	24.1	10.2	36.1	14.5	43.6	36.6	0.8	51.5
1971	43.5	28.9	24.1	10.8	36.0	14.7	44.7	37.6	0.8	51.2
1972	43.7	29.4	24.4	12.2	35.9	15.8	46.4	37.0	1.1	51.1
1973	43.9	29.9	25.2	12.2	36.3	15.8	47.8	37.0	1.2	51.3
1974	44.4	31.4	27.0	15.9	36.6	16.8	50.5	37.6	1.6	51.1
1975	45.4	32.8	29.2	17.0	37.0	18.8	52.7	38.5	2.1	51.8
1976	45.6	33.6	31.2	18.3	35.3	19.5	54.4	38.8	3.4	51.5
1977	46.2	34.6	32.9	20.8	36.1	19.9	56.7	40.3	4.9	51.9
1978	47.2	35.5	35.2	21.6	35.7	21.5	58.9	41.6	7.4	52.9
1979	48.3	36.3	37.1	22.8	35.9	22.6	61.3	42.9	9.1	54.1
1980	49.2	37.2	39.1	23.8	36.4	24.0	63.3	44.8	10.1	54.9
1981	49.9	37.8	41.1	24.9	36.9	24.7	65.1	45.4	11.1	55.7
1982	50.5	38.5	42.3	25.6	37.9	26.2	66.9	46.2	12.3	56.3
1983	50.7	38.8	43.8	25.3	38.9	28.5	67.6	46.3	13.3	56.4
1984	50.7	38.6	44.4	24.4	39.3	29.4	67.9	45.6	14.1	56.6
1985	50.9	38.8	45.1	24.6	39.5	29.7	68.2	45.8	14.5	57.0
1986	51.0	39.0	45.5	22.3	38.8	29.8	69.0	45.6	14.5	57.1
1987	51.7	39.7	46.1	22.6	38.2	30.2	69.0	45.8	15.3	57.6
1988	52.2	40.6	47.7	23.8	36.9	32.1	70.1	45.8	15.4	57.6
1989	52.7	41.3	47.6	25.2	35.9	30.9	70.8	46.2	15.2	57.8
1990	53.3	42.5	48.2	27.9	35.8	32.2	71.5	46.3	15.4	58.1
1991	54.1	43.9	48.7	28.7	36.1	32.4	72.6	47.2	15.5	58.5
1992	54.3	44.9	49.3	32.0	35.6	33.1	73.2	47.8	15.6	58.5
1993	54.4	45.3	48.9	30.0	35.4	33.6	73.2	48.2	15.9	58.5
1994	54.6	45.8	48.9	31.1	35.2	34.6	73.1	49.0	16.5	58.7
1995	54.8	46.5	49.7	34.0	35.1	35.5	73.0	49.8	17.3	58.7
1996	55.2	47.1	50.2	33.3	33.9	37.0	73.0	50.8	17.9	59.2
1997	55.7	48.1	51.6	34.5	33.6	38.5	73.9	51.8	18.4	59.4
1998	56.2	48.7	52.7	37.0	32.9	39.2	74.4	52.5	18.6	59.8
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	57.3	50.4	55.8	40.0	32.7	41.1	76.5	54.2	20.5	60.5
2001	57.4	50.6	57.3	40.9	31.9	41.8	77.5	54.8	20.1	60.5
2002	57.6	50.8	58.6	42.7	31.4	42.7	77.5	54.8	20.9	60.7
2003	57.6	50.4	59.7	41.8	30.4	41.7	77.7	54.7	20.3	61.1
2004	57.6	50.3	60.1	42.2	29.0	42.2	77.8	54.5	20.5	61.0
2005	57.5	50.3	59.9	41.9	27.0	42.8	77.8	54.2	20.0	61.0
2006	57.6	50.3	59.8	41.3	26.6	42.4	77.4	53.7	19.5	61.1
2007	57.5	50.2	58.6	41.2	25.4	41.1	77.4	53.8	18.5	60.8
2008	57.4	50.3	58.2	40.7	25.3	41.3	77.1	53.5	18.5	60.6
2009	57.3	50.4	58.2	38.9	25.3	41.5	77.2	53.6	18.1	60.4

TABLE 11. Women as a percentage of all bachelor's recipients, by major field group: 1966–2012

TABLE 1.1. Women as a percentage of all bachelor's recipients, by major field group, 1980-2012										
Academic year ending	All fields ^a	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	57.2	50.3	57.8	39.3	25.6	41.3	77.1	53.7	18.4	60.4
2011	57.3	50.3	58.1	39.3	25.1	40.6	77.0	54.2	18.8	60.6
2012	57.4	50.5	58.1	39.1	25.5	40.6	76.7	54.7	19.2	60.7

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 12. Master's degrees awarded, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields ^a	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	140,772	41,049	5,865	759	5,010	4,206	2,423	9,081	13,705	99,723
1967	157,892	44,988	6,712	971	5,733	4,405	2,898	10,348	13,921	112,904
1968	177,150	48,760	7,309	1,008	6,081	4,456	3,240	11,434	15,232	128,390
1969	194,414	52,382	7,799	1,124	6,735	4,755	3,738	12,983	15,248	142,032
1970	209,387	53,695	7,619	1,124	7,107	4,796	3,962	13,490	15,597	155,692
1971	231,486	56,454	7,604	1,227	6,789	5,115	4,438	14,914	16,367	175,032
1972	252,774	60,049	8,200	1,408	7,186	4,864	5,293	16,334	16,764	192,725
1973	264,525	62,046	8,514	1,470	7,146	4,769	5,882	17,720	16,545	202,479
1974	278,259	62,239	8,866	1,679	7,116	4,379	6,616	18,378	15,205	216,020
1975	293,651	63,198	9,030	1,503	6,637	4,298	7,104	19,459	15,167	230,453
1976	313,001	65,007	9,223	1,581	6,466	3,880	7,859	19,953	16,045	247,994
1977	318,241	67,397	10,060	1,659	6,496	3,641	8,320	21,209	16,012	250,844
1978	312,816	67,264	10,001	1,832	6,421	3,713	8,194	21,023	16,080	245,552
1979	302,075	64,226	10,016	1,777	6,101	3,650	8,031	19,372	15,279	237,849
1980	299,095	64,089	9,631	1,793	6,515	3,408	7,861	18,938	15,943	235,006
1981	296,798	64,366	9,107	1,876	6,787	3,366	8,039	18,740	16,451	232,432
1982	296,580	66,568	9,199	2,012	7,666	3,491	7,849	18,794	17,557	230,012
1983	290,931	67,733	9,136	1,959	8,177	3,285	8,439	17,851	18,886	223,198
1984	285,462	68,582	8,702	1,982	8,960	3,544	8,073	17,176	20,145	216,880
1985	287,213	70,578	8,208	2,160	10,004	3,605	8,481	17,148	20,972	216,635
1986	289,829	71,840	8,023	2,234	11,254	3,649	8,363	17,221	21,096	217,989
1987	290,532	72,603	7,775	2,051	11,808	3,574	8,165	17,160	22,070	217,929
1988	300,091	73,655	7,556	1,920	12,600	3,708	7,925	17,220	22,726	226,436
1989	311,050	76,425	7,523	1,819	12,829	3,876	8,652	17,983	23,743	234,625
1990	324,947	77,788	7,527	1,596	13,327	3,805	9,308	18,230	23,995	247,159
1991	338,498	78,368	7,406	1,499	12,956	3,777	9,802	18,915	24,013	260,130
1992	354,207	81,107	7,885	1,425	13,320	3,922	9,852	19,685	25,018	273,100
1993	370,973	86,425	8,112	1,397	14,100	3,965	10,412	20,775	27,664	284,548
1994	389,008	91,411	8,686	1,418	14,350	4,263	11,572	22,405	28,717	297,597
1995	399,428	94,309	9,069	1,483	14,495	4,241	13,132	23,259	28,630	305,119
1996	408,932	95,313	10,307	1,487	14,355	4,364	13,043	23,996	27,761	313,619
1997	420,954	93,485	10,521	1,435	14,088	4,141	13,633	23,793	25,874	327,469
1998	431,871	93,918	10,230	1,426	15,277	3,969	13,146	23,732	26,138	337,953
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	460,142	96,230	10,187	1,345	18,281	3,513	13,806	23,360	25,738	363,912
2001	471,329	99,528	10,239	1,363	20,132	3,737	14,449	23,172	26,436	371,801
2002	485,535	99,650	10,360	1,406	20,389	3,625	14,204	23,486	26,180	385,885
2003	516,098	108,355	10,838	1,491	23,311	3,660	14,885	24,698	29,472	407,743
2004	562,862	119,296	11,865	1,570	24,505	4,030	15,700	27,704	33,922	443,566
2005	578,964	120,870	12,291	1,637	23,086	4,064	16,478	29,415	33,899	458,094
2006	599,365	120,999	12,818	1,684	22,028	4,278	17,302	30,626	32,263	478,366
2007	610,469	120,278	12,920	1,632	21,349	4,243	18,594	30,604	30,936	490,191
2008	631,711	126,404	13,685	1,552	22,303	4,374	18,836	32,477	33,177	505,307
2009	665,473	134,517	14,270	1,579	23,447	4,101	20,744	33,866	36,510	530,956

TABLE 12. Master's degrees awarded, by major field group: 1966–2012

Academic year ending	All fields ^a	Total	Science and engineering fields							Non-S&E fields
			Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	698,528	139,926	15,352	1,677	23,979	4,323	21,032	35,949	37,614	558,602
2011	736,455	150,653	16,362	1,789	25,722	4,473	22,363	38,662	41,282	585,802
2012	757,387	161,371	18,156	2,043	27,675	4,709	24,215	41,423	43,150	596,016

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 13. Percentage distribution of master's degrees awarded, by major field group: 1966–2012

Academic year ending	All fields ^a	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	100.0	29.2	4.2	0.5	3.6	3.0	1.7	6.5	9.7	70.8
1967	100.0	28.5	4.3	0.6	3.6	2.8	1.8	6.6	8.8	71.5
1968	100.0	27.5	4.1	0.6	3.4	2.5	1.8	6.5	8.6	72.5
1969	100.0	26.9	4.0	0.6	3.5	2.4	1.9	6.7	7.8	73.1
1970	100.0	25.6	3.6	0.5	3.4	2.3	1.9	6.4	7.4	74.4
1971	100.0	24.4	3.3	0.5	2.9	2.2	1.9	6.4	7.1	75.6
1972	100.0	23.8	3.2	0.6	2.8	1.9	2.1	6.5	6.6	76.2
1973	100.0	23.5	3.2	0.6	2.7	1.8	2.2	6.7	6.3	76.5
1974	100.0	22.4	3.2	0.6	2.6	1.6	2.4	6.6	5.5	77.6
1975	100.0	21.5	3.1	0.5	2.3	1.5	2.4	6.6	5.2	78.5
1976	100.0	20.8	2.9	0.5	2.1	1.2	2.5	6.4	5.1	79.2
1977	100.0	21.2	3.2	0.5	2.0	1.1	2.6	6.7	5.0	78.8
1978	100.0	21.5	3.2	0.6	2.1	1.2	2.6	6.7	5.1	78.5
1979	100.0	21.3	3.3	0.6	2.0	1.2	2.7	6.4	5.1	78.7
1980	100.0	21.4	3.2	0.6	2.2	1.1	2.6	6.3	5.3	78.6
1981	100.0	21.7	3.1	0.6	2.3	1.1	2.7	6.3	5.5	78.3
1982	100.0	22.4	3.1	0.7	2.6	1.2	2.6	6.3	5.9	77.6
1983	100.0	23.3	3.1	0.7	2.8	1.1	2.9	6.1	6.5	76.7
1984	100.0	24.0	3.0	0.7	3.1	1.2	2.8	6.0	7.1	76.0
1985	100.0	24.6	2.9	0.8	3.5	1.3	3.0	6.0	7.3	75.4
1986	100.0	24.8	2.8	0.8	3.9	1.3	2.9	5.9	7.3	75.2
1987	100.0	25.0	2.7	0.7	4.1	1.2	2.8	5.9	7.6	75.0
1988	100.0	24.5	2.5	0.6	4.2	1.2	2.6	5.7	7.6	75.5
1989	100.0	24.6	2.4	0.6	4.1	1.2	2.8	5.8	7.6	75.4
1990	100.0	23.9	2.3	0.5	4.1	1.2	2.9	5.6	7.4	76.1
1991	100.0	23.2	2.2	0.4	3.8	1.1	2.9	5.6	7.1	76.8
1992	100.0	22.9	2.2	0.4	3.8	1.1	2.8	5.6	7.1	77.1
1993	100.0	23.3	2.2	0.4	3.8	1.1	2.8	5.6	7.5	76.7
1994	100.0	23.5	2.2	0.4	3.7	1.1	3.0	5.8	7.4	76.5
1995	100.0	23.6	2.3	0.4	3.6	1.1	3.3	5.8	7.2	76.4
1996	100.0	23.3	2.5	0.4	3.5	1.1	3.2	5.9	6.8	76.7
1997	100.0	22.2	2.5	0.3	3.3	1.0	3.2	5.7	6.1	77.8
1998	100.0	21.7	2.4	0.3	3.5	0.9	3.0	5.5	6.1	78.3
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	100.0	20.9	2.2	0.3	4.0	0.8	3.0	5.1	5.6	79.1
2001	100.0	21.1	2.2	0.3	4.3	0.8	3.1	4.9	5.6	78.9
2002	100.0	20.5	2.1	0.3	4.2	0.7	2.9	4.8	5.4	79.5
2003	100.0	21.0	2.1	0.3	4.5	0.7	2.9	4.8	5.7	79.0
2004	100.0	21.2	2.1	0.3	4.4	0.7	2.8	4.9	6.0	78.8
2005	100.0	20.9	2.1	0.3	4.0	0.7	2.8	5.1	5.9	79.1
2006	100.0	20.2	2.1	0.3	3.7	0.7	2.9	5.1	5.4	79.8
2007	100.0	19.7	2.1	0.3	3.5	0.7	3.0	5.0	5.1	80.3
2008	100.0	20.0	2.2	0.2	3.5	0.7	3.0	5.1	5.3	80.0
2009	100.0	20.2	2.1	0.2	3.5	0.6	3.1	5.1	5.5	79.8

TABLE 13. Percentage distribution of master's degrees awarded, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields ^a	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	100.0	20.0	2.2	0.2	3.4	0.6	3.0	5.1	5.4	80.0
2011	100.0	20.5	2.2	0.2	3.5	0.6	3.0	5.2	5.6	79.5
2012	100.0	21.3	2.4	0.3	3.7	0.6	3.2	5.5	5.7	78.7

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 14. Master's degrees awarded to men, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields ^a	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	93,184	35,580	4,646	714	3,992	3,723	1,625	7,251	13,629	57,604
1967	103,179	38,682	5,359	916	4,423	3,907	1,971	8,263	13,843	64,497
1968	113,749	41,551	5,678	937	4,720	3,892	2,229	8,962	15,133	72,198
1969	121,881	44,182	6,033	1,035	5,169	4,176	2,584	10,050	15,135	77,699
1970	126,146	43,973	5,655	999	5,298	4,074	2,484	10,035	15,428	82,173
1971	138,590	46,116	5,546	1,111	5,101	4,379	2,787	11,011	16,181	92,474
1972	150,085	48,721	6,014	1,256	5,409	4,128	3,260	12,161	16,493	101,364
1973	155,000	50,233	6,406	1,294	5,416	4,100	3,515	13,235	16,267	104,767
1974	158,344	49,528	6,633	1,482	5,323	3,689	3,986	13,557	14,858	108,816
1975	162,115	49,410	6,755	1,309	4,871	3,645	4,059	13,976	14,795	112,705
1976	167,745	49,992	6,752	1,361	4,776	3,275	4,188	14,163	15,477	117,753
1977	168,210	50,899	7,219	1,433	4,730	2,981	4,316	14,906	15,314	117,311
1978	161,708	50,034	6,981	1,542	4,704	3,060	3,931	14,579	15,237	111,674
1979	153,772	46,614	6,785	1,467	4,469	2,971	3,688	12,892	14,342	107,158
1980	151,159	46,004	6,502	1,457	4,715	2,770	3,397	12,343	14,820	105,155
1981	147,431	45,505	6,061	1,470	4,939	2,691	3,371	11,851	15,122	101,926
1982	145,941	46,557	5,896	1,560	5,446	2,744	3,228	11,701	15,982	99,384
1983	145,114	46,734	5,703	1,515	5,684	2,600	3,254	10,847	17,131	98,380
1984	143,998	47,049	5,303	1,517	6,185	2,698	2,980	10,321	18,045	96,949
1985	143,716	48,247	4,881	1,639	6,951	2,775	3,064	10,209	18,728	95,469
1986	143,932	48,621	4,679	1,717	7,724	2,736	2,937	10,132	18,696	95,311
1987	141,655	48,759	4,437	1,531	8,011	2,684	2,838	9,958	19,300	92,896
1988	145,403	49,820	4,312	1,433	8,759	2,817	2,599	9,982	19,918	95,583
1989	149,399	50,845	4,210	1,337	8,833	2,836	2,814	10,154	20,661	98,554
1990	154,025	51,230	4,080	1,218	9,176	2,754	3,025	10,251	20,726	102,795
1991	156,895	50,441	3,975	1,116	8,709	2,703	2,994	10,288	20,656	106,454
1992	162,299	52,157	4,227	1,057	9,199	2,834	2,929	10,562	21,349	110,142
1993	169,753	55,454	4,381	1,006	9,773	2,794	2,928	11,002	23,570	114,299
1994	176,762	57,970	4,515	994	10,128	3,030	3,287	11,722	24,294	118,792
1995	179,198	58,518	4,740	1,032	10,130	2,958	3,735	11,925	23,998	120,680
1996	180,360	57,860	5,259	1,051	9,999	2,914	3,670	11,958	23,009	122,500
1997	181,457	55,223	5,308	948	9,620	2,808	3,715	11,645	21,179	126,234
1998	185,061	55,335	5,167	932	10,393	2,529	3,606	11,733	20,975	129,726
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	192,821	54,560	4,855	832	11,780	2,298	3,443	10,956	20,396	138,261
2001	195,277	55,884	4,647	799	13,052	2,436	3,510	10,621	20,819	139,393
2002	200,199	55,939	4,690	834	13,274	2,299	3,426	10,799	20,617	144,260
2003	212,513	61,192	4,760	879	15,375	2,342	3,478	11,048	23,301	151,330
2004	230,786	67,215	5,125	869	16,257	2,517	3,465	12,208	26,774	163,571
2005	234,829	67,244	5,184	927	15,766	2,540	3,560	12,980	26,287	167,585
2006	239,418	66,249	5,559	923	15,323	2,652	3,665	13,343	24,784	173,169
2007	239,892	65,353	5,400	891	14,975	2,680	3,915	13,535	23,957	174,539
2008	248,971	68,810	5,826	847	15,500	2,809	3,920	14,368	25,540	180,161
2009	263,478	73,489	6,177	848	16,332	2,587	4,382	14,892	28,271	189,989

TABLE 14. Master's degrees awarded to men, by major field group: 1966–2012

Academic year ending	All fields ^a	Total	Science and engineering fields							Non-S&E fields
			Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	277,170	76,266	6,722	888	16,640	2,702	4,386	15,716	29,212	200,904
2011	293,301	82,451	7,181	994	17,697	2,816	4,719	17,101	31,943	210,850
2012	302,401	87,810	7,925	1,170	19,128	3,020	5,062	18,251	33,254	214,591

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 15. Percentage distribution of master's degrees awarded to men, by major field group: 1966–2012

Academic year ending	All fields ^a	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	100.0	38.2	5.0	0.8	4.3	4.0	1.7	7.8	14.6	61.8
1967	100.0	37.5	5.2	0.9	4.3	3.8	1.9	8.0	13.4	62.5
1968	100.0	36.5	5.0	0.8	4.1	3.4	2.0	7.9	13.3	63.5
1969	100.0	36.3	4.9	0.8	4.2	3.4	2.1	8.2	12.4	63.7
1970	100.0	34.9	4.5	0.8	4.2	3.2	2.0	8.0	12.2	65.1
1971	100.0	33.3	4.0	0.8	3.7	3.2	2.0	7.9	11.7	66.7
1972	100.0	32.5	4.0	0.8	3.6	2.8	2.2	8.1	11.0	67.5
1973	100.0	32.4	4.1	0.8	3.5	2.6	2.3	8.5	10.5	67.6
1974	100.0	31.3	4.2	0.9	3.4	2.3	2.5	8.6	9.4	68.7
1975	100.0	30.5	4.2	0.8	3.0	2.2	2.5	8.6	9.1	69.5
1976	100.0	29.8	4.0	0.8	2.8	2.0	2.5	8.4	9.2	70.2
1977	100.0	30.3	4.3	0.9	2.8	1.8	2.6	8.9	9.1	69.7
1978	100.0	30.9	4.3	1.0	2.9	1.9	2.4	9.0	9.4	69.1
1979	100.0	30.3	4.4	1.0	2.9	1.9	2.4	8.4	9.3	69.7
1980	100.0	30.4	4.3	1.0	3.1	1.8	2.2	8.2	9.8	69.6
1981	100.0	30.9	4.1	1.0	3.4	1.8	2.3	8.0	10.3	69.1
1982	100.0	31.9	4.0	1.1	3.7	1.9	2.2	8.0	11.0	68.1
1983	100.0	32.2	3.9	1.0	3.9	1.8	2.2	7.5	11.8	67.8
1984	100.0	32.7	3.7	1.1	4.3	1.9	2.1	7.2	12.5	67.3
1985	100.0	33.6	3.4	1.1	4.8	1.9	2.1	7.1	13.0	66.4
1986	100.0	33.8	3.3	1.2	5.4	1.9	2.0	7.0	13.0	66.2
1987	100.0	34.4	3.1	1.1	5.7	1.9	2.0	7.0	13.6	65.6
1988	100.0	34.3	3.0	1.0	6.0	1.9	1.8	6.9	13.7	65.7
1989	100.0	34.0	2.8	0.9	5.9	1.9	1.9	6.8	13.8	66.0
1990	100.0	33.3	2.6	0.8	6.0	1.8	2.0	6.7	13.5	66.7
1991	100.0	32.1	2.5	0.7	5.6	1.7	1.9	6.6	13.2	67.9
1992	100.0	32.1	2.6	0.7	5.7	1.7	1.8	6.5	13.2	67.9
1993	100.0	32.7	2.6	0.6	5.8	1.6	1.7	6.5	13.9	67.3
1994	100.0	32.8	2.6	0.6	5.7	1.7	1.9	6.6	13.7	67.2
1995	100.0	32.7	2.6	0.6	5.7	1.7	2.1	6.7	13.4	67.3
1996	100.0	32.1	2.9	0.6	5.5	1.6	2.0	6.6	12.8	67.9
1997	100.0	30.4	2.9	0.5	5.3	1.5	2.0	6.4	11.7	69.6
1998	100.0	29.9	2.8	0.5	5.6	1.4	1.9	6.3	11.3	70.1
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	100.0	28.3	2.5	0.4	6.1	1.2	1.8	5.7	10.6	71.7
2001	100.0	28.6	2.4	0.4	6.7	1.2	1.8	5.4	10.7	71.4
2002	100.0	27.9	2.3	0.4	6.6	1.1	1.7	5.4	10.3	72.1
2003	100.0	28.8	2.2	0.4	7.2	1.1	1.6	5.2	11.0	71.2
2004	100.0	29.1	2.2	0.4	7.0	1.1	1.5	5.3	11.6	70.9
2005	100.0	28.6	2.2	0.4	6.7	1.1	1.5	5.5	11.2	71.4
2006	100.0	27.7	2.3	0.4	6.4	1.1	1.5	5.6	10.4	72.3
2007	100.0	27.2	2.3	0.4	6.2	1.1	1.6	5.6	10.0	72.8
2008	100.0	27.6	2.3	0.3	6.2	1.1	1.6	5.8	10.3	72.4
2009	100.0	27.9	2.3	0.3	6.2	1.0	1.7	5.7	10.7	72.1

TABLE 15. Percentage distribution of master's degrees awarded to men, by major field group: 1966–2012

TABLE 10.4 Percentage distribution of master's degrees awarded to women, by major field group, 1969-2012										
Academic year ending	All fields ^a	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	100.0	27.5	2.4	0.3	6.0	1.0	1.6	5.7	10.5	72.5
2011	100.0	28.1	2.4	0.3	6.0	1.0	1.6	5.8	10.9	71.9
2012	100.0	29.0	2.6	0.4	6.3	1.0	1.7	6.0	11.0	71.0

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 16. Master's degrees awarded to women, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields ^a	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	47,588	5,469	1,219	45	1,018	483	798	1,830	76	42,119
1967	54,713	6,306	1,353	55	1,310	498	927	2,085	78	48,407
1968	63,401	7,209	1,631	71	1,361	564	1,011	2,472	99	56,192
1969	72,533	8,200	1,766	89	1,566	579	1,154	2,933	113	64,333
1970	83,241	9,722	1,964	125	1,809	722	1,478	3,455	169	73,519
1971	92,896	10,338	2,058	116	1,688	736	1,651	3,903	186	82,558
1972	102,689	11,328	2,186	152	1,777	736	2,033	4,173	271	91,361
1973	109,525	11,813	2,108	176	1,730	669	2,367	4,485	278	97,712
1974	119,915	12,711	2,233	197	1,793	690	2,630	4,821	347	107,204
1975	131,536	13,788	2,275	194	1,766	653	3,045	5,483	372	117,748
1976	145,256	15,015	2,471	220	1,690	605	3,671	5,790	568	130,241
1977	150,031	16,498	2,841	226	1,766	660	4,004	6,303	698	133,533
1978	151,108	17,230	3,020	290	1,717	653	4,263	6,444	843	133,878
1979	148,303	17,612	3,231	310	1,632	679	4,343	6,480	937	130,691
1980	147,936	18,085	3,129	336	1,800	638	4,464	6,595	1,123	129,851
1981	149,367	18,861	3,046	406	1,848	675	4,668	6,889	1,329	130,506
1982	150,639	20,011	3,303	452	2,220	747	4,621	7,093	1,575	130,628
1983	145,817	20,999	3,433	444	2,493	685	5,185	7,004	1,755	124,818
1984	141,464	21,533	3,399	465	2,775	846	5,093	6,855	2,100	119,931
1985	143,497	22,331	3,327	521	3,053	830	5,417	6,939	2,244	121,166
1986	145,897	23,219	3,344	517	3,530	913	5,426	7,089	2,400	122,678
1987	148,877	23,844	3,338	520	3,797	890	5,327	7,202	2,770	125,033
1988	154,688	23,835	3,244	487	3,841	891	5,326	7,238	2,808	130,853
1989	161,651	25,580	3,313	482	3,996	1,040	5,838	7,829	3,082	136,071
1990	170,922	26,558	3,447	378	4,151	1,051	6,283	7,979	3,269	144,364
1991	181,603	27,927	3,431	383	4,247	1,074	6,808	8,627	3,357	153,676
1992	191,908	28,950	3,658	368	4,121	1,088	6,923	9,123	3,669	162,958
1993	201,220	30,971	3,731	391	4,327	1,171	7,484	9,773	4,094	170,249
1994	212,246	33,441	4,171	424	4,222	1,233	8,285	10,683	4,423	178,805
1995	220,230	35,791	4,329	451	4,365	1,283	9,397	11,334	4,632	184,439
1996	228,572	37,453	5,048	436	4,356	1,450	9,373	12,038	4,752	191,119
1997	239,497	38,262	5,213	487	4,468	1,333	9,918	12,148	4,695	201,235
1998	246,810	38,583	5,063	494	4,884	1,440	9,540	11,999	5,163	208,227
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	267,321	41,670	5,332	513	6,501	1,215	10,363	12,404	5,342	225,651
2001	276,052	43,644	5,592	564	7,080	1,301	10,939	12,551	5,617	232,408
2002	285,336	43,711	5,670	572	7,115	1,326	10,778	12,687	5,563	241,625
2003	303,585	47,172	6,078	612	7,936	1,318	11,407	13,650	6,171	256,413
2004	332,076	52,081	6,740	701	8,248	1,513	12,235	15,496	7,148	279,995
2005	344,135	53,626	7,107	710	7,320	1,524	12,918	16,435	7,612	290,509
2006	359,947	54,750	7,259	761	6,705	1,626	13,637	17,283	7,479	305,197
2007	370,577	54,925	7,520	741	6,374	1,563	14,679	17,069	6,979	315,652
2008	382,740	57,594	7,859	705	6,803	1,565	14,916	18,109	7,637	325,146
2009	401,995	61,028	8,093	731	7,115	1,514	16,362	18,974	8,239	340,967

TABLE 16. Master's degrees awarded to women, by major field group: 1966–2012

Academic year ending	All fields ^a	Total	Science and engineering fields							Non-S&E fields
			Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	421,358	63,660	8,630	789	7,339	1,621	16,646	20,233	8,402	357,698
2011	443,154	68,202	9,181	795	8,025	1,657	17,644	21,561	9,339	374,952
2012	454,986	73,561	10,231	873	8,547	1,689	19,153	23,172	9,896	381,425

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 17. Percentage distribution of master's degrees awarded to women, by major field group: 1966–2012

Academic year ending	All fields ^a	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	100.0	11.5	2.6	0.1	2.1	1.0	1.7	3.8	0.2	88.5
1967	100.0	11.5	2.5	0.1	2.4	0.9	1.7	3.8	0.1	88.5
1968	100.0	11.4	2.6	0.1	2.1	0.9	1.6	3.9	0.2	88.6
1969	100.0	11.3	2.4	0.1	2.2	0.8	1.6	4.0	0.2	88.7
1970	100.0	11.7	2.4	0.2	2.2	0.9	1.8	4.2	0.2	88.3
1971	100.0	11.1	2.2	0.1	1.8	0.8	1.8	4.2	0.2	88.9
1972	100.0	11.0	2.1	0.1	1.7	0.7	2.0	4.1	0.3	89.0
1973	100.0	10.8	1.9	0.2	1.6	0.6	2.2	4.1	0.3	89.2
1974	100.0	10.6	1.9	0.2	1.5	0.6	2.2	4.0	0.3	89.4
1975	100.0	10.5	1.7	0.1	1.3	0.5	2.3	4.2	0.3	89.5
1976	100.0	10.3	1.7	0.2	1.2	0.4	2.5	4.0	0.4	89.7
1977	100.0	11.0	1.9	0.2	1.2	0.4	2.7	4.2	0.5	89.0
1978	100.0	11.4	2.0	0.2	1.1	0.4	2.8	4.3	0.6	88.6
1979	100.0	11.9	2.2	0.2	1.1	0.5	2.9	4.4	0.6	88.1
1980	100.0	12.2	2.1	0.2	1.2	0.4	3.0	4.5	0.8	87.8
1981	100.0	12.6	2.0	0.3	1.2	0.5	3.1	4.6	0.9	87.4
1982	100.0	13.3	2.2	0.3	1.5	0.5	3.1	4.7	1.0	86.7
1983	100.0	14.4	2.4	0.3	1.7	0.5	3.6	4.8	1.2	85.6
1984	100.0	15.2	2.4	0.3	2.0	0.6	3.6	4.8	1.5	84.8
1985	100.0	15.6	2.3	0.4	2.1	0.6	3.8	4.8	1.6	84.4
1986	100.0	15.9	2.3	0.4	2.4	0.6	3.7	4.9	1.6	84.1
1987	100.0	16.0	2.2	0.3	2.6	0.6	3.6	4.8	1.9	84.0
1988	100.0	15.4	2.1	0.3	2.5	0.6	3.4	4.7	1.8	84.6
1989	100.0	15.8	2.0	0.3	2.5	0.6	3.6	4.8	1.9	84.2
1990	100.0	15.5	2.0	0.2	2.4	0.6	3.7	4.7	1.9	84.5
1991	100.0	15.4	1.9	0.2	2.3	0.6	3.7	4.8	1.8	84.6
1992	100.0	15.1	1.9	0.2	2.1	0.6	3.6	4.8	1.9	84.9
1993	100.0	15.4	1.9	0.2	2.2	0.6	3.7	4.9	2.0	84.6
1994	100.0	15.8	2.0	0.2	2.0	0.6	3.9	5.0	2.1	84.2
1995	100.0	16.3	2.0	0.2	2.0	0.6	4.3	5.1	2.1	83.7
1996	100.0	16.4	2.2	0.2	1.9	0.6	4.1	5.3	2.1	83.6
1997	100.0	16.0	2.2	0.2	1.9	0.6	4.1	5.1	2.0	84.0
1998	100.0	15.6	2.1	0.2	2.0	0.6	3.9	4.9	2.1	84.4
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	100.0	15.6	2.0	0.2	2.4	0.5	3.9	4.6	2.0	84.4
2001	100.0	15.8	2.0	0.2	2.6	0.5	4.0	4.5	2.0	84.2
2002	100.0	15.3	2.0	0.2	2.5	0.5	3.8	4.4	1.9	84.7
2003	100.0	15.5	2.0	0.2	2.6	0.4	3.8	4.5	2.0	84.5
2004	100.0	15.7	2.0	0.2	2.5	0.5	3.7	4.7	2.2	84.3
2005	100.0	15.6	2.1	0.2	2.1	0.4	3.8	4.8	2.2	84.4
2006	100.0	15.2	2.0	0.2	1.9	0.5	3.8	4.8	2.1	84.8
2007	100.0	14.8	2.0	0.2	1.7	0.4	4.0	4.6	1.9	85.2
2008	100.0	15.0	2.1	0.2	1.8	0.4	3.9	4.7	2.0	85.0
2009	100.0	15.2	2.0	0.2	1.8	0.4	4.1	4.7	2.0	84.8

TABLE 17. Percentage distribution of master's degrees awarded to women, by major field group: 1966–2012

Academic year ending	All fields ^a	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	100.0	15.1	2.0	0.2	1.7	0.4	4.0	4.8	2.0	84.9
2011	100.0	15.4	2.1	0.2	1.8	0.4	4.0	4.9	2.1	84.6
2012	100.0	16.2	2.2	0.2	1.9	0.4	4.2	5.1	2.2	83.8

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 18. Women as a percentage of all master's degree recipients, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields ^a	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	33.8	13.3	20.8	5.9	20.3	11.5	32.9	20.2	0.6	42.2
1967	34.7	14.0	20.2	5.7	22.9	11.3	32.0	20.1	0.6	42.9
1968	35.8	14.8	22.3	7.0	22.4	12.7	31.2	21.6	0.6	43.8
1969	37.3	15.7	22.6	7.9	23.3	12.2	30.9	22.6	0.7	45.3
1970	39.8	18.1	25.8	11.1	25.5	15.1	37.3	25.6	1.1	47.2
1971	40.1	18.3	27.1	9.5	24.9	14.4	37.2	26.2	1.1	47.2
1972	40.6	18.9	26.7	10.8	24.7	15.1	38.4	25.5	1.6	47.4
1973	41.4	19.0	24.8	12.0	24.2	14.0	40.2	25.3	1.7	48.3
1974	43.1	20.4	25.2	11.7	25.2	15.8	39.8	26.2	2.3	49.6
1975	44.8	21.8	25.2	12.9	26.6	15.2	42.9	28.2	2.5	51.1
1976	46.4	23.1	26.8	13.9	26.1	15.6	46.7	29.0	3.5	52.5
1977	47.1	24.5	28.2	13.6	27.2	18.1	48.1	29.7	4.4	53.2
1978	48.3	25.6	30.2	15.8	26.7	17.6	52.0	30.7	5.2	54.5
1979	49.1	27.4	32.3	17.4	26.7	18.6	54.1	33.5	6.1	54.9
1980	49.5	28.2	32.5	18.7	27.6	18.7	56.8	34.8	7.0	55.3
1981	50.3	29.3	33.4	21.6	27.2	20.1	58.1	36.8	8.1	56.1
1982	50.8	30.1	35.9	22.5	29.0	21.4	58.9	37.7	9.0	56.8
1983	50.1	31.0	37.6	22.7	30.5	20.9	61.4	39.2	9.3	55.9
1984	49.6	31.4	39.1	23.5	31.0	23.9	63.1	39.9	10.4	55.3
1985	50.0	31.6	40.5	24.1	30.5	23.0	63.9	40.5	10.7	55.9
1986	50.3	32.3	41.7	23.1	31.4	25.0	64.9	41.2	11.4	56.3
1987	51.2	32.8	42.9	25.4	32.2	24.9	65.2	42.0	12.6	57.4
1988	51.5	32.4	42.9	25.4	30.5	24.0	67.2	42.0	12.4	57.8
1989	52.0	33.5	44.0	26.5	31.1	26.8	67.5	43.5	13.0	58.0
1990	52.6	34.1	45.8	23.7	31.1	27.6	67.5	43.8	13.6	58.4
1991	53.6	35.6	46.3	25.6	32.8	28.4	69.5	45.6	14.0	59.1
1992	54.2	35.7	46.4	25.8	30.9	27.7	70.3	46.3	14.7	59.7
1993	54.2	35.8	46.0	28.0	30.7	29.5	71.9	47.0	14.8	59.8
1994	54.6	36.6	48.0	29.9	29.4	28.9	71.6	47.7	15.4	60.1
1995	55.1	38.0	47.7	30.4	30.1	30.3	71.6	48.7	16.2	60.4
1996	55.9	39.3	49.0	29.3	30.3	33.2	71.9	50.2	17.1	60.9
1997	56.9	40.9	49.5	33.9	31.7	32.2	72.7	51.1	18.1	61.5
1998	57.1	41.1	49.5	34.6	32.0	36.3	72.6	50.6	19.8	61.6
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	58.1	43.3	52.3	38.1	35.6	34.6	75.1	53.1	20.8	62.0
2001	58.6	43.9	54.6	41.4	35.2	34.8	75.7	54.2	21.2	62.5
2002	58.8	43.9	54.7	40.7	34.9	36.6	75.9	54.0	21.2	62.6
2003	58.8	43.5	56.1	41.0	34.0	36.0	76.6	55.2	20.9	62.9
2004	59.0	43.7	56.8	44.6	33.7	37.5	77.9	55.9	21.1	63.1
2005	59.4	44.4	57.8	43.4	31.7	37.5	78.4	55.9	22.5	63.4
2006	60.1	45.2	56.6	45.2	30.4	38.0	78.8	56.4	23.2	63.8
2007	60.7	45.7	58.2	45.4	29.9	36.8	78.9	55.8	22.6	64.4
2008	60.6	45.6	57.4	45.4	30.5	35.8	79.2	55.8	23.0	64.3
2009	60.4	45.4	56.7	46.3	30.3	36.9	78.9	56.0	22.6	64.2

TABLE 18. Women as a percentage of all master's degree recipients, by major field group: 1966–2012

Academic year ending	All fields ^a	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
2010	60.3	45.5	56.2	47.0	30.6	37.5	79.1	56.3	22.3	64.0
2011	60.2	45.3	56.1	44.4	31.2	37.0	78.9	55.8	22.6	64.0
2012	60.1	45.6	56.4	42.7	30.9	35.9	79.1	55.9	22.9	64.0

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

^a Total excludes cases where field of study was not reported.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 19. Doctoral degrees awarded, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	17,949	11,570	2,711	404	769	2,655	1,139	1,591	2,301	6,379
1967	20,403	13,109	2,966	418	830	3,085	1,295	1,911	2,604	7,294
1968	22,937	14,645	3,511	443	971	3,239	1,464	2,162	2,855	8,292
1969	25,743	16,288	3,816	507	1,069	3,427	1,766	2,437	3,266	9,455
1970	29,498	18,052	4,165	509	1,225	3,893	1,890	2,935	3,435	11,446
1971	31,867	19,381	4,557	552	1,238	3,949	2,145	3,442	3,498	12,486
1972	33,041	19,342	4,476	582	1,281	3,653	2,279	3,568	3,503	13,699
1973	33,755	19,373	4,559	579	1,233	3,444	2,458	3,736	3,364	14,382
1974	33,047	18,714	4,357	576	1,211	3,136	2,598	3,689	3,147	14,333
1975	32,952	18,799	4,480	557	1,147	3,075	2,751	3,787	3,002	14,153
1976	32,946	18,472	4,422	584	1,003	2,861	2,883	3,885	2,834	14,474
1977	31,716	18,008	4,320	640	964	2,721	2,990	3,730	2,643	13,708
1978	30,875	17,653	4,414	578	959	2,611	3,055	3,613	2,423	13,222
1979	31,238	17,872	4,554	593	979	2,673	3,091	3,491	2,491	13,366
1980	31,019	17,775	4,755	588	962	2,521	3,098	3,372	2,479	13,244
1981	31,355	18,257	4,839	529	960	2,627	3,358	3,416	2,528	13,098
1982	31,109	18,274	4,897	604	940	2,694	3,158	3,335	2,646	12,835
1983	31,280	18,634	4,806	587	987	2,801	3,346	3,326	2,781	12,646
1984	31,334	18,745	4,922	569	993	2,845	3,255	3,249	2,912	12,589
1985	31,295	18,934	4,945	575	998	2,916	3,117	3,217	3,166	12,361
1986	31,897	19,435	4,838	554	1,128	3,090	3,126	3,324	3,375	12,462
1987	32,365	19,892	4,844	599	1,189	3,212	3,172	3,164	3,712	12,473
1988	33,497	20,930	5,184	670	1,264	3,316	3,074	3,236	4,186	12,567
1989	34,324	21,731	5,271	671	1,472	3,244	3,208	3,323	4,542	12,593
1990	36,066	22,868	5,552	719	1,597	3,493	3,281	3,332	4,894	13,198
1991	37,530	24,019	5,757	801	1,838	3,605	3,250	3,555	5,213	13,511
1992	38,887	24,674	5,919	767	1,927	3,751	3,262	3,610	5,438	14,213
1993	39,799	25,442	6,128	721	2,026	3,681	3,420	3,768	5,698	14,357
1994	41,033	26,203	6,342	791	2,021	3,949	3,380	3,901	5,819	14,830
1995	41,747	26,535	6,493	726	2,187	3,814	3,429	3,878	6,008	15,212
1996	42,437	27,240	6,842	724	2,042	3,826	3,495	4,003	6,308	15,197
1997	42,538	27,228	6,866	803	2,032	3,746	3,557	4,110	6,114	15,310
1998	42,638	27,274	6,955	766	2,104	3,800	3,673	4,054	5,922	15,364
1999	41,099	25,930	6,646	723	1,939	3,561	3,668	4,063	5,330	15,169
2000	41,372	25,966	6,890	694	1,911	3,378	3,615	4,155	5,323	15,406
2001	40,745	25,530	6,671	660	1,840	3,366	3,401	4,081	5,511	15,215
2002	40,033	24,610	6,704	689	1,728	3,187	3,206	4,013	5,083	15,423
2003	40,766	25,283	6,756	683	1,860	3,287	3,277	4,139	5,281	15,483
2004	42,123	26,275	6,987	686	2,024	3,336	3,327	4,139	5,776	15,848
2005	43,384	27,985	7,406	714	2,334	3,643	3,322	4,139	6,427	15,399
2006	45,624	29,873	7,685	757	2,778	3,929	3,260	4,278	7,186	15,751
2007	48,133	31,836	8,377	875	3,043	4,081	3,276	4,435	7,749	16,297
2008	48,778	32,837	8,884	865	3,187	4,081	3,358	4,598	7,864	15,941
2009	49,553	33,463	9,192	877	3,163	4,284	3,472	4,832	7,643	16,090
2010	48,032	33,120	9,028	862	3,254	4,194	3,422	4,812	7,548	14,912
2011	48,908	34,474	9,241	852	3,319	4,494	3,578	5,005	7,985	14,434
2012	51,008	35,809	9,608	841	3,547	4,564	3,614	5,208	8,427	15,199

S&E = science and engineering.

NOTES: See appendix B for specific fields that are included in each category. Totals include doctorate recipients who did not report sex.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

TABLE 20. Percentage distribution of doctoral degrees awarded, by major field group: 1966–2012

Academic year ending	All fields	Science and engineering fields								Non-S&E fields
		Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	100.0	64.5	15.1	2.3	4.3	14.8	6.3	8.9	12.8	35.5
1967	100.0	64.3	14.5	2.0	4.1	15.1	6.3	9.4	12.8	35.7
1968	100.0	63.8	15.3	1.9	4.2	14.1	6.4	9.4	12.4	36.2
1969	100.0	63.3	14.8	2.0	4.2	13.3	6.9	9.5	12.7	36.7
1970	100.0	61.2	14.1	1.7	4.2	13.2	6.4	9.9	11.6	38.8
1971	100.0	60.8	14.3	1.7	3.9	12.4	6.7	10.8	11.0	39.2
1972	100.0	58.5	13.5	1.8	3.9	11.1	6.9	10.8	10.6	41.5
1973	100.0	57.4	13.5	1.7	3.7	10.2	7.3	11.1	10.0	42.6
1974	100.0	56.6	13.2	1.7	3.7	9.5	7.9	11.2	9.5	43.4
1975	100.0	57.0	13.6	1.7	3.5	9.3	8.3	11.5	9.1	43.0
1976	100.0	56.1	13.4	1.8	3.0	8.7	8.8	11.8	8.6	43.9
1977	100.0	56.8	13.6	2.0	3.0	8.6	9.4	11.8	8.3	43.2
1978	100.0	57.2	14.3	1.9	3.1	8.5	9.9	11.7	7.8	42.8
1979	100.0	57.2	14.6	1.9	3.1	8.6	9.9	11.2	8.0	42.8
1980	100.0	57.3	15.3	1.9	3.1	8.1	10.0	10.9	8.0	42.7
1981	100.0	58.2	15.4	1.7	3.1	8.4	10.7	10.9	8.1	41.8
1982	100.0	58.7	15.7	1.9	3.0	8.7	10.2	10.7	8.5	41.3
1983	100.0	59.6	15.4	1.9	3.2	9.0	10.7	10.6	8.9	40.4
1984	100.0	59.8	15.7	1.8	3.2	9.1	10.4	10.4	9.3	40.2
1985	100.0	60.5	15.8	1.8	3.2	9.3	10.0	10.3	10.1	39.5
1986	100.0	60.9	15.2	1.7	3.5	9.7	9.8	10.4	10.6	39.1
1987	100.0	61.5	15.0	1.9	3.7	9.9	9.8	9.8	11.5	38.5
1988	100.0	62.5	15.5	2.0	3.8	9.9	9.2	9.7	12.5	37.5
1989	100.0	63.3	15.4	2.0	4.3	9.5	9.3	9.7	13.2	36.7
1990	100.0	63.4	15.4	2.0	4.4	9.7	9.1	9.2	13.6	36.6
1991	100.0	64.0	15.3	2.1	4.9	9.6	8.7	9.5	13.9	36.0
1992	100.0	63.5	15.2	2.0	5.0	9.6	8.4	9.3	14.0	36.5
1993	100.0	63.9	15.4	1.8	5.1	9.2	8.6	9.5	14.3	36.1
1994	100.0	63.9	15.5	1.9	4.9	9.6	8.2	9.5	14.2	36.1
1995	100.0	63.6	15.6	1.7	5.2	9.1	8.2	9.3	14.4	36.4
1996	100.0	64.2	16.1	1.7	4.8	9.0	8.2	9.4	14.9	35.8
1997	100.0	64.0	16.1	1.9	4.8	8.8	8.4	9.7	14.4	36.0
1998	100.0	64.0	16.3	1.8	4.9	8.9	8.6	9.5	13.9	36.0
1999	100.0	63.1	16.2	1.8	4.7	8.7	8.9	9.9	13.0	36.9
2000	100.0	62.8	16.7	1.7	4.6	8.2	8.7	10.0	12.9	37.2
2001	100.0	62.7	16.4	1.6	4.5	8.3	8.3	10.0	13.5	37.3
2002	100.0	61.5	16.7	1.7	4.3	8.0	8.0	10.0	12.7	38.5
2003	100.0	62.0	16.6	1.7	4.6	8.1	8.0	10.2	13.0	38.0
2004	100.0	62.4	16.6	1.6	4.8	7.9	7.9	9.8	13.7	37.6
2005	100.0	64.5	17.1	1.6	5.4	8.4	7.7	9.5	14.8	35.5
2006	100.0	65.5	16.8	1.7	6.1	8.6	7.1	9.4	15.8	34.5
2007	100.0	66.1	17.4	1.8	6.3	8.5	6.8	9.2	16.1	33.9
2008	100.0	67.3	18.2	1.8	6.5	8.4	6.9	9.4	16.1	32.7
2009	100.0	67.5	18.5	1.8	6.4	8.6	7.0	9.8	15.4	32.5
2010	100.0	69.0	18.8	1.8	6.8	8.7	7.1	10.0	15.7	31.0
2011	100.0	70.5	18.9	1.7	6.8	9.2	7.3	10.2	16.3	29.5
2012	100.0	70.2	18.8	1.6	7.0	8.9	7.1	10.2	16.5	29.8

S&E = science and engineering.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

TABLE 21. Doctoral degrees awarded to men, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	15,863	10,646	2,386	392	722	2,535	894	1,424	2,293	5,217
1967	17,961	12,013	2,565	412	782	2,930	1,030	1,699	2,595	5,948
1968	20,005	13,328	3,028	432	924	3,064	1,131	1,906	2,843	6,677
1969	22,355	14,781	3,278	487	1,013	3,241	1,350	2,156	3,256	7,574
1970	25,527	16,404	3,627	493	1,148	3,666	1,446	2,604	3,420	9,123
1971	27,271	17,385	3,897	538	1,142	3,718	1,615	2,992	3,483	9,886
1972	27,754	17,191	3,802	561	1,185	3,404	1,670	3,088	3,481	10,563
1973	27,670	16,853	3,764	557	1,113	3,209	1,741	3,151	3,318	10,817
1974	26,594	16,043	3,571	547	1,096	2,902	1,797	3,016	3,114	10,551
1975	25,751	15,870	3,623	535	1,038	2,811	1,878	3,035	2,950	9,881
1976	25,262	15,375	3,559	531	890	2,617	1,937	3,061	2,780	9,887
1977	23,858	14,775	3,470	588	837	2,477	1,902	2,932	2,569	9,083
1978	22,553	14,199	3,449	524	828	2,364	1,928	2,736	2,370	8,354
1979	22,301	14,128	3,516	542	833	2,381	1,831	2,596	2,429	8,173
1980	21,612	13,814	3,599	530	846	2,199	1,787	2,464	2,389	7,798
1981	21,463	14,056	3,607	484	822	2,318	1,885	2,511	2,429	7,407
1982	21,016	13,924	3,594	512	824	2,337	1,720	2,415	2,522	7,092
1983	20,748	13,920	3,429	501	838	2,430	1,750	2,315	2,657	6,828
1984	20,636	13,954	3,565	472	841	2,446	1,625	2,244	2,761	6,682
1985	20,552	14,043	3,530	470	859	2,452	1,576	2,188	2,968	6,509
1986	20,592	14,268	3,378	462	959	2,585	1,527	2,207	3,150	6,324
1987	20,934	14,580	3,307	491	999	2,686	1,474	2,153	3,470	6,354
1988	21,677	15,267	3,477	541	1,087	2,759	1,392	2,111	3,900	6,410
1989	21,811	15,622	3,481	542	1,209	2,627	1,408	2,188	4,167	6,189
1990	22,960	16,498	3,680	581	1,329	2,840	1,368	2,221	4,479	6,462
1991	23,521	16,982	3,743	626	1,514	2,919	1,249	2,229	4,702	6,539
1992	24,235	17,423	3,816	585	1,588	2,961	1,327	2,285	4,861	6,812
1993	24,387	17,571	3,800	566	1,602	2,868	1,322	2,315	5,098	6,816
1994	25,061	18,167	3,940	622	1,641	3,104	1,273	2,435	5,152	6,894
1995	25,162	18,119	3,989	577	1,727	2,922	1,245	2,388	5,271	7,043
1996	25,293	18,461	4,101	565	1,656	2,961	1,163	2,523	5,492	6,832
1997	24,944	18,084	4,046	608	1,594	2,880	1,162	2,478	5,316	6,860
1998	24,630	17,810	4,075	564	1,638	2,865	1,205	2,352	5,111	6,820
1999	23,439	16,735	3,919	535	1,495	2,722	1,209	2,350	4,505	6,704
2000	23,166	16,518	3,943	495	1,507	2,546	1,203	2,365	4,459	6,648
2001	22,782	16,189	3,766	461	1,407	2,531	1,128	2,324	4,572	6,593
2002	21,812	15,392	3,830	477	1,291	2,335	1,065	2,217	4,177	6,420
2003	22,257	15,761	3,777	470	1,419	2,396	1,043	2,286	4,370	6,496
2004	22,965	16,417	3,830	448	1,520	2,470	1,081	2,313	4,755	6,548
2005	23,736	17,405	3,913	470	1,782	2,670	1,058	2,285	5,227	6,331
2006	25,023	18,375	3,998	490	2,074	2,831	936	2,317	5,729	6,648
2007	26,203	19,542	4,388	542	2,308	2,905	941	2,317	6,141	6,661
2008	26,272	19,857	4,489	548	2,353	2,957	999	2,343	6,168	6,415
2009	26,332	19,840	4,495	539	2,327	2,995	991	2,487	6,006	6,492
2010	25,527	19,570	4,355	496	2,435	2,924	1,033	2,523	5,804	5,957
2011	26,192	20,380	4,464	522	2,494	3,167	1,003	2,527	6,203	5,812
2012	27,390	21,233	4,578	496	2,683	3,214	1,047	2,688	6,527	6,157

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

TABLE 22. Percentage distribution of doctoral degrees awarded to men, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	100.0	67.1	15.0	2.5	4.6	16.0	5.6	9.0	14.5	32.9
1967	100.0	66.9	14.3	2.3	4.4	16.3	5.7	9.5	14.4	33.1
1968	100.0	66.6	15.1	2.2	4.6	15.3	5.7	9.5	14.2	33.4
1969	100.0	66.1	14.7	2.2	4.5	14.5	6.0	9.6	14.6	33.9
1970	100.0	64.3	14.2	1.9	4.5	14.4	5.7	10.2	13.4	35.7
1971	100.0	63.7	14.3	2.0	4.2	13.6	5.9	11.0	12.8	36.3
1972	100.0	61.9	13.7	2.0	4.3	12.3	6.0	11.1	12.5	38.1
1973	100.0	60.9	13.6	2.0	4.0	11.6	6.3	11.4	12.0	39.1
1974	100.0	60.3	13.4	2.1	4.1	10.9	6.8	11.3	11.7	39.7
1975	100.0	61.6	14.1	2.1	4.0	10.9	7.3	11.8	11.5	38.4
1976	100.0	60.9	14.1	2.1	3.5	10.4	7.7	12.1	11.0	39.1
1977	100.0	61.9	14.5	2.5	3.5	10.4	8.0	12.3	10.8	38.1
1978	100.0	63.0	15.3	2.3	3.7	10.5	8.5	12.1	10.5	37.0
1979	100.0	63.4	15.8	2.4	3.7	10.7	8.2	11.6	10.9	36.6
1980	100.0	63.9	16.7	2.5	3.9	10.2	8.3	11.4	11.1	36.1
1981	100.0	65.5	16.8	2.3	3.8	10.8	8.8	11.7	11.3	34.5
1982	100.0	66.3	17.1	2.4	3.9	11.1	8.2	11.5	12.0	33.7
1983	100.0	67.1	16.5	2.4	4.0	11.7	8.4	11.2	12.8	32.9
1984	100.0	67.6	17.3	2.3	4.1	11.9	7.9	10.9	13.4	32.4
1985	100.0	68.3	17.2	2.3	4.2	11.9	7.7	10.6	14.4	31.7
1986	100.0	69.3	16.4	2.2	4.7	12.6	7.4	10.7	15.3	30.7
1987	100.0	69.6	15.8	2.3	4.8	12.8	7.0	10.3	16.6	30.4
1988	100.0	70.4	16.0	2.5	5.0	12.7	6.4	9.7	18.0	29.6
1989	100.0	71.6	16.0	2.5	5.5	12.0	6.5	10.0	19.1	28.4
1990	100.0	71.9	16.0	2.5	5.8	12.4	6.0	9.7	19.5	28.1
1991	100.0	72.2	15.9	2.7	6.4	12.4	5.3	9.5	20.0	27.8
1992	100.0	71.9	15.7	2.4	6.6	12.2	5.5	9.4	20.1	28.1
1993	100.0	72.1	15.6	2.3	6.6	11.8	5.4	9.5	20.9	27.9
1994	100.0	72.5	15.7	2.5	6.5	12.4	5.1	9.7	20.6	27.5
1995	100.0	72.0	15.9	2.3	6.9	11.6	4.9	9.5	20.9	28.0
1996	100.0	73.0	16.2	2.2	6.5	11.7	4.6	10.0	21.7	27.0
1997	100.0	72.5	16.2	2.4	6.4	11.5	4.7	9.9	21.3	27.5
1998	100.0	72.3	16.5	2.3	6.7	11.6	4.9	9.5	20.8	27.7
1999	100.0	71.4	16.7	2.3	6.4	11.6	5.2	10.0	19.2	28.6
2000	100.0	71.3	17.0	2.1	6.5	11.0	5.2	10.2	19.2	28.7
2001	100.0	71.1	16.5	2.0	6.2	11.1	5.0	10.2	20.1	28.9
2002	100.0	70.6	17.6	2.2	5.9	10.7	4.9	10.2	19.2	29.4
2003	100.0	70.8	17.0	2.1	6.4	10.8	4.7	10.3	19.6	29.2
2004	100.0	71.5	16.7	2.0	6.6	10.8	4.7	10.1	20.7	28.5
2005	100.0	73.3	16.5	2.0	7.5	11.2	4.5	9.6	22.0	26.7
2006	100.0	73.4	16.0	2.0	8.3	11.3	3.7	9.3	22.9	26.6
2007	100.0	74.6	16.7	2.1	8.8	11.1	3.6	8.8	23.4	25.4
2008	100.0	75.6	17.1	2.1	9.0	11.3	3.8	8.9	23.5	24.4
2009	100.0	75.3	17.1	2.0	8.8	11.4	3.8	9.4	22.8	24.7
2010	100.0	76.7	17.1	1.9	9.5	11.5	4.0	9.9	22.7	23.3
2011	100.0	77.8	17.0	2.0	9.5	12.1	3.8	9.6	23.7	22.2
2012	100.0	77.5	16.7	1.8	9.8	11.7	3.8	9.8	23.8	22.5

S&E = science and engineering.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

TABLE 23. Doctoral degrees awarded to women, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	2,086	924	325	12	47	120	245	167	8	1,162
1967	2,442	1,096	401	6	48	155	265	212	9	1,346
1968	2,932	1,317	483	11	47	175	333	256	12	1,615
1969	3,388	1,507	538	20	56	186	416	281	10	1,881
1970	3,971	1,648	538	16	77	227	444	331	15	2,323
1971	4,596	1,996	660	14	96	231	530	450	15	2,600
1972	5,287	2,151	674	21	96	249	609	480	22	3,136
1973	6,085	2,520	795	22	120	235	717	585	46	3,565
1974	6,453	2,671	786	29	115	234	801	673	33	3,782
1975	7,201	2,929	857	22	109	264	873	752	52	4,272
1976	7,684	3,097	863	53	113	244	946	824	54	4,587
1977	7,858	3,233	850	52	127	244	1,088	798	74	4,625
1978	8,322	3,454	965	54	131	247	1,127	877	53	4,868
1979	8,937	3,744	1,038	51	146	292	1,260	895	62	5,193
1980	9,407	3,961	1,156	58	116	322	1,311	908	90	5,446
1981	9,892	4,201	1,232	45	138	309	1,473	905	99	5,691
1982	10,093	4,350	1,303	92	116	357	1,438	920	124	5,743
1983	10,532	4,714	1,377	86	149	371	1,596	1,011	124	5,818
1984	10,698	4,791	1,357	97	152	399	1,630	1,005	151	5,907
1985	10,743	4,891	1,415	105	139	464	1,541	1,029	198	5,852
1986	11,305	5,167	1,460	92	169	505	1,599	1,117	225	6,138
1987	11,431	5,312	1,537	108	190	526	1,698	1,011	242	6,119
1988	11,819	5,662	1,707	129	177	557	1,681	1,125	286	6,157
1989	12,513	6,109	1,790	129	263	617	1,800	1,135	375	6,404
1990	13,105	6,370	1,872	138	268	653	1,913	1,111	415	6,735
1991	13,873	6,932	1,995	172	316	673	1,996	1,313	467	6,941
1992	14,436	7,081	2,081	176	325	765	1,928	1,299	507	7,355
1993	15,121	7,652	2,296	146	402	776	2,088	1,421	523	7,469
1994	15,824	7,924	2,382	162	373	826	2,102	1,444	635	7,900
1995	16,416	8,286	2,473	147	451	873	2,181	1,465	696	8,130
1996	16,957	8,649	2,719	152	370	839	2,329	1,463	777	8,308
1997	17,243	8,934	2,783	190	413	843	2,363	1,592	750	8,309
1998	17,849	9,349	2,865	198	456	917	2,456	1,684	773	8,500
1999	17,488	9,083	2,705	185	434	824	2,450	1,696	789	8,405
2000	18,133	9,394	2,939	196	401	827	2,409	1,784	838	8,739
2001	17,888	9,298	2,889	198	431	830	2,270	1,751	929	8,590
2002	18,141	9,174	2,866	212	432	848	2,137	1,785	894	8,967
2003	18,509	9,522	2,979	213	441	891	2,234	1,853	911	8,987
2004	19,156	9,857	3,157	238	504	865	2,246	1,826	1,021	9,299
2005	19,582	10,539	3,482	244	547	971	2,263	1,850	1,182	9,043
2006	20,560	11,479	3,683	266	704	1,094	2,322	1,958	1,452	9,081
2007	21,904	12,282	3,985	333	734	1,175	2,335	2,115	1,605	9,622
2008	22,495	12,973	4,393	316	833	1,124	2,359	2,255	1,693	9,522
2009	23,187	13,595	4,689	338	832	1,280	2,481	2,343	1,632	9,592
2010	22,489	13,540	4,668	366	819	1,269	2,389	2,288	1,741	8,949
2011	22,694	14,077	4,775	330	821	1,325	2,575	2,477	1,774	8,617
2012	23,562	14,534	5,017	345	861	1,345	2,566	2,517	1,883	9,028

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

TABLE 24. Percentage distribution of doctoral degrees awarded to women, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	100.0	44.3	15.6	0.6	2.3	5.8	11.7	8.0	0.4	55.7
1967	100.0	44.9	16.4	0.2	2.0	6.3	10.9	8.7	0.4	55.1
1968	100.0	44.9	16.5	0.4	1.6	6.0	11.4	8.7	0.4	55.1
1969	100.0	44.5	15.9	0.6	1.7	5.5	12.3	8.3	0.3	55.5
1970	100.0	41.5	13.5	0.4	1.9	5.7	11.2	8.3	0.4	58.5
1971	100.0	43.4	14.4	0.3	2.1	5.0	11.5	9.8	0.3	56.6
1972	100.0	40.7	12.7	0.4	1.8	4.7	11.5	9.1	0.4	59.3
1973	100.0	41.4	13.1	0.4	2.0	3.9	11.8	9.6	0.8	58.6
1974	100.0	41.4	12.2	0.4	1.8	3.6	12.4	10.4	0.5	58.6
1975	100.0	40.7	11.9	0.3	1.5	3.7	12.1	10.4	0.7	59.3
1976	100.0	40.3	11.2	0.7	1.5	3.2	12.3	10.7	0.7	59.7
1977	100.0	41.1	10.8	0.7	1.6	3.1	13.8	10.2	0.9	58.9
1978	100.0	41.5	11.6	0.6	1.6	3.0	13.5	10.5	0.6	58.5
1979	100.0	41.9	11.6	0.6	1.6	3.3	14.1	10.0	0.7	58.1
1980	100.0	42.1	12.3	0.6	1.2	3.4	13.9	9.7	1.0	57.9
1981	100.0	42.5	12.5	0.5	1.4	3.1	14.9	9.1	1.0	57.5
1982	100.0	43.1	12.9	0.9	1.1	3.5	14.2	9.1	1.2	56.9
1983	100.0	44.8	13.1	0.8	1.4	3.5	15.2	9.6	1.2	55.2
1984	100.0	44.8	12.7	0.9	1.4	3.7	15.2	9.4	1.4	55.2
1985	100.0	45.5	13.2	1.0	1.3	4.3	14.3	9.6	1.8	54.5
1986	100.0	45.7	12.9	0.8	1.5	4.5	14.1	9.9	2.0	54.3
1987	100.0	46.5	13.4	0.9	1.7	4.6	14.9	8.8	2.1	53.5
1988	100.0	47.9	14.4	1.1	1.5	4.7	14.2	9.5	2.4	52.1
1989	100.0	48.8	14.3	1.0	2.1	4.9	14.4	9.1	3.0	51.2
1990	100.0	48.6	14.3	1.1	2.0	5.0	14.6	8.5	3.2	51.4
1991	100.0	50.0	14.4	1.2	2.3	4.9	14.4	9.5	3.4	50.0
1992	100.0	49.1	14.4	1.2	2.3	5.3	13.4	9.0	3.5	50.9
1993	100.0	50.6	15.2	1.0	2.7	5.1	13.8	9.4	3.5	49.4
1994	100.0	50.1	15.1	1.0	2.4	5.2	13.3	9.1	4.0	49.9
1995	100.0	50.5	15.1	0.9	2.7	5.3	13.3	8.9	4.2	49.5
1996	100.0	51.0	16.0	0.9	2.2	4.9	13.7	8.6	4.6	49.0
1997	100.0	51.8	16.1	1.1	2.4	4.9	13.7	9.2	4.3	48.2
1998	100.0	52.4	16.1	1.1	2.6	5.1	13.8	9.4	4.3	47.6
1999	100.0	51.9	15.5	1.1	2.5	4.7	14.0	9.7	4.5	48.1
2000	100.0	51.8	16.2	1.1	2.2	4.6	13.3	9.8	4.6	48.2
2001	100.0	52.0	16.2	1.1	2.4	4.6	12.7	9.8	5.2	48.0
2002	100.0	50.6	15.8	1.2	2.4	4.7	11.8	9.8	4.9	49.4
2003	100.0	51.4	16.1	1.2	2.4	4.8	12.1	10.0	4.9	48.6
2004	100.0	51.5	16.5	1.2	2.6	4.5	11.7	9.5	5.3	48.5
2005	100.0	53.8	17.8	1.2	2.8	5.0	11.6	9.4	6.0	46.2
2006	100.0	55.8	17.9	1.3	3.4	5.3	11.3	9.5	7.1	44.2
2007	100.0	56.1	18.2	1.5	3.4	5.4	10.7	9.7	7.3	43.9
2008	100.0	57.7	19.5	1.4	3.7	5.0	10.5	10.0	7.5	42.3
2009	100.0	58.6	20.2	1.5	3.6	5.5	10.7	10.1	7.0	41.4
2010	100.0	60.2	20.8	1.6	3.6	5.6	10.6	10.2	7.7	39.8
2011	100.0	62.0	21.0	1.5	3.6	5.8	11.3	10.9	7.8	38.0
2012	100.0	61.7	21.3	1.5	3.7	5.7	10.9	10.7	8.0	38.3

S&E = science and engineering.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

TABLE 25. Women as a percentage of all doctoral degree recipients, by major field group: 1966–2012

Academic year ending	Science and engineering fields									Non-S&E fields
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	
1966	11.6	8.0	12.0	3.0	6.1	4.5	21.5	10.5	0.3	18.2
1967	12.0	8.4	13.5	1.4	5.8	5.0	20.5	11.1	0.3	18.5
1968	12.8	9.0	13.8	2.5	4.8	5.4	22.7	11.8	0.4	19.5
1969	13.2	9.3	14.1	3.9	5.2	5.4	23.6	11.5	0.3	19.9
1970	13.5	9.1	12.9	3.1	6.3	5.8	23.5	11.3	0.4	20.3
1971	14.4	10.3	14.5	2.5	7.8	5.8	24.7	13.1	0.4	20.8
1972	16.0	11.1	15.1	3.6	7.5	6.8	26.7	13.5	0.6	22.9
1973	18.0	13.0	17.4	3.8	9.7	6.8	29.2	15.7	1.4	24.8
1974	19.5	14.3	18.0	5.0	9.5	7.5	30.8	18.2	1.0	26.4
1975	21.9	15.6	19.1	3.9	9.5	8.6	31.7	19.9	1.7	30.2
1976	23.3	16.8	19.5	9.1	11.3	8.5	32.8	21.2	1.9	31.7
1977	24.8	18.0	19.7	8.1	13.2	9.0	36.4	21.4	2.8	33.7
1978	27.0	19.6	21.9	9.3	13.7	9.5	36.9	24.3	2.2	36.8
1979	28.6	20.9	22.8	8.6	14.9	10.9	40.8	25.6	2.5	38.9
1980	30.3	22.3	24.3	9.9	12.1	12.8	42.3	26.9	3.6	41.1
1981	31.5	23.0	25.5	8.5	14.4	11.8	43.9	26.5	3.9	43.4
1982	32.4	23.8	26.6	15.2	12.3	13.3	45.5	27.6	4.7	44.7
1983	33.7	25.3	28.7	14.7	15.1	13.2	47.7	30.4	4.5	46.0
1984	34.1	25.6	27.6	17.0	15.3	14.0	50.1	30.9	5.2	46.9
1985	34.3	25.8	28.6	18.3	13.9	15.9	49.4	32.0	6.3	47.3
1986	35.4	26.6	30.2	16.6	15.0	16.3	51.2	33.6	6.7	49.3
1987	35.3	26.7	31.7	18.0	16.0	16.4	53.5	32.0	6.5	49.1
1988	35.3	27.1	32.9	19.3	14.0	16.8	54.7	34.8	6.8	49.0
1989	36.5	28.1	34.0	19.2	17.9	19.0	56.1	34.2	8.3	50.9
1990	36.3	27.9	33.7	19.2	16.8	18.7	58.3	33.3	8.5	51.0
1991	37.0	28.9	34.7	21.5	17.2	18.7	61.4	36.9	9.0	51.4
1992	37.1	28.7	35.2	22.9	16.9	20.4	59.1	36.0	9.3	51.7
1993	38.0	30.1	37.5	20.2	19.8	21.1	61.1	37.7	9.2	52.0
1994	38.6	30.2	37.6	20.5	18.5	20.9	62.2	37.0	10.9	53.3
1995	39.3	31.2	38.1	20.2	20.6	22.9	63.6	37.8	11.6	53.4
1996	40.0	31.8	39.7	21.0	18.1	21.9	66.6	36.5	12.3	54.7
1997	40.5	32.8	40.5	23.7	20.3	22.5	66.4	38.7	12.3	54.3
1998	41.9	34.3	41.2	25.8	21.7	24.1	66.9	41.5	13.1	55.3
1999	42.6	35.0	40.7	25.6	22.4	23.1	66.8	41.7	14.8	55.4
2000	43.8	36.2	42.7	28.2	21.0	24.5	66.6	42.9	15.7	56.7
2001	43.9	36.4	43.3	30.0	23.4	24.7	66.7	42.9	16.9	56.5
2002	45.3	37.3	42.8	30.8	25.0	26.6	66.7	44.5	17.6	58.1
2003	45.4	37.7	44.1	31.2	23.7	27.1	68.2	44.8	17.3	58.0
2004	45.5	37.5	45.2	34.7	24.9	25.9	67.5	44.1	17.7	58.7
2005	45.1	37.7	47.0	34.2	23.4	26.7	68.1	44.7	18.4	58.7
2006	45.1	38.4	47.9	35.1	25.3	27.8	71.2	45.8	20.2	57.7
2007	45.5	38.6	47.6	38.1	24.1	28.8	71.3	47.7	20.7	59.0
2008	46.1	39.5	49.4	36.5	26.1	27.5	70.3	49.0	21.5	59.7
2009	46.8	40.6	51.0	38.5	26.3	29.9	71.5	48.5	21.4	59.6
2010	46.8	40.9	51.7	42.5	25.2	30.3	69.8	47.5	23.1	60.0
2011	46.4	40.8	51.7	38.7	24.7	29.5	72.0	49.5	22.2	59.7
2012	46.2	40.6	52.2	41.0	24.3	29.5	71.0	48.3	22.3	59.4

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates.

TABLE 26. Biological and agricultural sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	29,804	22,339	7,465	5,865	4,646	1,219	2,711	2,386	325
1967	32,489	24,541	7,948	6,712	5,359	1,353	2,966	2,565	401
1968	36,141	27,175	8,966	7,309	5,678	1,631	3,511	3,028	483
1969	41,280	31,190	10,090	7,799	6,033	1,766	3,816	3,278	538
1970	44,447	33,747	10,700	7,619	5,655	1,964	4,165	3,627	538
1971	45,728	34,712	11,016	7,604	5,546	2,058	4,557	3,897	660
1972	48,291	36,514	11,777	8,200	6,014	2,186	4,476	3,802	674
1973	54,687	40,908	13,779	8,514	6,406	2,108	4,559	3,764	795
1974	61,906	45,174	16,732	8,866	6,633	2,233	4,357	3,571	786
1975	66,321	46,937	19,384	9,030	6,755	2,275	4,480	3,623	857
1976	70,004	48,168	21,836	9,223	6,752	2,471	4,422	3,559	863
1977	70,589	47,339	23,250	10,060	7,219	2,841	4,320	3,470	850
1978	69,215	44,852	24,363	10,001	6,981	3,020	4,414	3,449	965
1979	66,781	41,994	24,787	10,016	6,785	3,231	4,554	3,516	1,038
1980	63,942	38,931	25,011	9,631	6,502	3,129	4,755	3,599	1,156
1981	59,922	35,265	24,657	9,107	6,061	3,046	4,839	3,607	1,232
1982	57,535	33,222	24,313	9,199	5,896	3,303	4,897	3,594	1,303
1983	55,411	31,132	24,279	9,136	5,703	3,433	4,806	3,429	1,377
1984	52,351	29,108	23,243	8,702	5,303	3,399	4,922	3,565	1,357
1985	51,312	28,172	23,140	8,208	4,881	3,327	4,945	3,530	1,415
1986	50,441	27,488	22,953	8,023	4,679	3,344	4,838	3,378	1,460
1987	48,571	26,168	22,403	7,775	4,437	3,338	4,844	3,307	1,537
1988	46,925	24,550	22,375	7,556	4,312	3,244	5,184	3,477	1,707
1989	45,531	23,852	21,679	7,523	4,210	3,313	5,271	3,481	1,790
1990	46,451	24,050	22,401	7,527	4,080	3,447	5,552	3,680	1,872
1991	48,783	25,007	23,776	7,406	3,975	3,431	5,757	3,743	1,995
1992	54,193	27,473	26,720	7,885	4,227	3,658	5,919	3,816	2,081
1993	59,621	30,439	29,182	8,112	4,381	3,731	6,128	3,800	2,296
1994	65,268	33,347	31,921	8,686	4,515	4,171	6,342	3,940	2,382
1995	71,470	35,915	35,555	9,069	4,740	4,329	6,493	3,989	2,473
1996	78,469	39,100	39,369	10,307	5,259	5,048	6,842	4,101	2,719
1997	82,500	39,967	42,533	10,521	5,308	5,213	6,866	4,046	2,783
1998	85,079	40,235	44,844	10,230	5,167	5,063	6,955	4,075	2,865
1999	NA	NA	NA	NA	NA	NA	6,646	3,919	2,705
2000	83,132	36,716	46,416	10,187	4,855	5,332	6,890	3,943	2,939
2001	79,475	33,947	45,528	10,239	4,647	5,592	6,671	3,766	2,889
2002	79,034	32,755	46,279	10,360	4,690	5,670	6,704	3,830	2,866
2003	81,220	32,763	48,457	10,838	4,760	6,078	6,756	3,777	2,979
2004	81,808	32,655	49,153	11,865	5,125	6,740	6,987	3,830	3,157
2005	85,092	34,081	51,011	12,291	5,184	7,107	7,406	3,913	3,482
2006	90,279	36,315	53,964	12,818	5,559	7,259	7,685	3,998	3,683
2007	97,044	40,128	56,916	12,920	5,400	7,520	8,377	4,388	3,985
2008	100,872	42,153	58,719	13,685	5,826	7,859	8,884	4,489	4,393
2009	104,726	43,811	60,915	14,270	6,177	8,093	9,192	4,495	4,689
2010	110,015	46,428	63,587	15,352	6,722	8,630	9,028	4,355	4,668
2011	116,413	48,764	67,649	16,362	7,181	9,181	9,241	4,464	4,775
2012	124,960	52,299	72,661	18,156	7,925	10,231	9,608	4,578	5,017

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 27. Agricultural sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	6,327	6,196	131	1,641	1,569	72	576	568	8
1967	7,013	6,855	158	1,724	1,652	72	606	594	12
1968	7,431	7,182	249	1,792	1,715	77	684	677	7
1969	8,892	8,527	365	2,034	1,937	97	724	712	12
1970	10,144	9,686	458	1,784	1,664	120	804	781	23
1971	9,695	9,250	445	1,848	1,733	115	903	874	29
1972	10,653	10,023	630	2,074	1,915	159	876	845	31
1973	12,015	11,060	955	2,220	2,036	184	910	874	36
1974	13,050	11,696	1,354	2,285	2,066	219	873	826	47
1975	14,085	12,117	1,968	2,439	2,140	299	982	931	51
1976	15,091	12,374	2,717	2,602	2,234	368	849	789	60
1977	16,396	12,865	3,531	2,906	2,481	425	836	773	63
1978	17,002	12,862	4,140	3,150	2,560	590	898	826	72
1979	17,205	12,523	4,682	3,137	2,498	639	908	821	87
1980	16,831	11,796	5,035	3,095	2,391	704	952	849	103
1981	15,876	10,805	5,071	3,092	2,386	706	1,036	891	145
1982	15,108	10,158	4,950	3,268	2,446	822	1,004	842	162
1983	14,528	9,206	5,322	3,395	2,467	928	1,065	921	144
1984	12,712	8,160	4,552	3,262	2,293	969	1,042	900	142
1985	11,907	7,737	4,170	3,113	2,215	898	1,152	975	177
1986	10,932	7,092	3,840	2,975	2,050	925	1,031	851	180
1987	9,524	6,129	3,395	2,776	1,882	894	1,005	828	177
1988	9,237	5,942	3,295	2,746	1,873	873	1,073	871	202
1989	8,582	5,557	3,025	2,570	1,719	851	1,154	907	247
1990	8,411	5,419	2,992	2,634	1,687	947	1,224	967	257
1991	8,432	5,292	3,140	2,600	1,660	940	1,108	880	222
1992	10,301	6,352	3,949	3,037	1,909	1,128	1,120	864	250
1993	11,632	7,294	4,338	3,272	2,007	1,265	1,036	786	246
1994	12,947	8,006	4,941	3,410	2,019	1,391	1,139	864	273
1995	14,580	8,943	5,637	3,574	2,103	1,471	1,117	857	256
1996	16,388	9,884	6,504	4,021	2,314	1,707	1,118	813	304
1997	17,361	10,094	7,267	3,927	2,232	1,695	1,078	783	287
1998	17,967	10,224	7,743	3,862	2,153	1,709	1,109	780	328
1999	NA	NA	NA	NA	NA	NA	1,065	749	311
2000	18,245	9,780	8,465	3,858	2,039	1,819	1,037	718	317
2001	17,465	8,975	8,490	3,752	1,915	1,837	977	630	340
2002	17,359	8,725	8,634	4,019	2,022	1,997	1,009	684	319
2003	17,703	8,740	8,963	3,955	1,896	2,059	1,060	686	374
2004	17,058	8,336	8,722	4,221	1,965	2,256	1,045	646	399
2005	17,120	8,383	8,737	4,171	1,951	2,220	1,039	660	376
2006	17,307	8,398	8,909	4,100	1,947	2,153	1,033	621	412
2007	17,696	8,781	8,915	4,126	1,859	2,267	1,139	680	456
2008	18,474	9,017	9,457	4,120	1,872	2,248	1,087	628	459
2009	19,152	9,334	9,818	4,349	2,031	2,318	1,167	661	504
2010	20,400	9,691	10,709	4,684	2,237	2,447	982	532	449
2011	22,759	10,904	11,855	5,148	2,399	2,749	1,101	590	511
2012	25,060	11,616	13,444	5,843	2,690	3,153	1,168	642	523

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 28. Biological sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	23,477	16,143	7,334	4,224	3,077	1,147	2,135	1,818	317
1967	25,476	17,686	7,790	4,988	3,707	1,281	2,360	1,971	389
1968	28,710	19,993	8,717	5,517	3,963	1,554	2,827	2,351	476
1969	32,388	22,663	9,725	5,765	4,096	1,669	3,092	2,566	526
1970	34,303	24,061	10,242	5,835	3,991	1,844	3,361	2,846	515
1971	36,033	25,462	10,571	5,756	3,813	1,943	3,654	3,023	631
1972	37,638	26,491	11,147	6,126	4,099	2,027	3,600	2,957	643
1973	42,672	29,848	12,824	6,294	4,370	1,924	3,649	2,890	759
1974	48,856	33,478	15,378	6,581	4,567	2,014	3,484	2,745	739
1975	52,236	34,820	17,416	6,591	4,615	1,976	3,498	2,692	806
1976	54,913	35,794	19,119	6,621	4,518	2,103	3,573	2,770	803
1977	54,193	34,474	19,719	7,154	4,738	2,416	3,484	2,697	787
1978	52,213	31,990	20,223	6,851	4,421	2,430	3,516	2,623	893
1979	49,576	29,471	20,105	6,879	4,287	2,592	3,646	2,695	951
1980	47,111	27,135	19,976	6,536	4,111	2,425	3,803	2,750	1,053
1981	44,046	24,460	19,586	6,015	3,675	2,340	3,803	2,716	1,087
1982	42,427	23,064	19,363	5,931	3,450	2,481	3,893	2,752	1,141
1983	40,883	21,926	18,957	5,741	3,236	2,505	3,741	2,508	1,233
1984	39,639	20,948	18,691	5,440	3,010	2,430	3,880	2,665	1,215
1985	39,405	20,435	18,970	5,095	2,666	2,429	3,793	2,555	1,238
1986	39,509	20,396	19,113	5,048	2,629	2,419	3,807	2,527	1,280
1987	39,047	20,039	19,008	4,999	2,555	2,444	3,839	2,479	1,360
1988	37,688	18,608	19,080	4,810	2,439	2,371	4,111	2,606	1,505
1989	36,949	18,295	18,654	4,953	2,491	2,462	4,117	2,574	1,543
1990	38,040	18,631	19,409	4,893	2,393	2,500	4,328	2,713	1,615
1991	40,351	19,715	20,636	4,806	2,315	2,491	4,649	2,863	1,773
1992	43,892	21,121	22,771	4,848	2,318	2,530	4,799	2,952	1,831
1993	47,989	23,145	24,844	4,840	2,374	2,466	5,092	3,014	2,050
1994	52,321	25,341	26,980	5,276	2,496	2,780	5,203	3,076	2,109
1995	56,890	26,972	29,918	5,495	2,637	2,858	5,376	3,132	2,217
1996	62,081	29,216	32,865	6,286	2,945	3,341	5,724	3,288	2,415
1997	65,139	29,873	35,266	6,594	3,076	3,518	5,788	3,263	2,496
1998	67,112	30,011	37,101	6,368	3,014	3,354	5,846	3,295	2,537
1999	NA	NA	NA	NA	NA	NA	5,581	3,170	2,394
2000	64,887	26,936	37,951	6,329	2,816	3,513	5,853	3,225	2,622
2001	62,010	24,972	37,038	6,487	2,732	3,755	5,694	3,136	2,549
2002	61,675	24,030	37,645	6,341	2,668	3,673	5,695	3,146	2,547
2003	63,517	24,023	39,494	6,883	2,864	4,019	5,696	3,091	2,605
2004	64,750	24,319	40,431	7,644	3,160	4,484	5,942	3,184	2,758
2005	67,972	25,698	42,274	8,120	3,233	4,887	6,367	3,253	3,106
2006	72,972	27,917	45,055	8,718	3,612	5,106	6,652	3,377	3,271
2007	79,348	31,347	48,001	8,794	3,541	5,253	7,238	3,708	3,529
2008	82,398	33,136	49,262	9,565	3,954	5,611	7,797	3,861	3,934
2009	85,574	34,477	51,097	9,921	4,146	5,775	8,025	3,834	4,185
2010	89,615	36,737	52,878	10,668	4,485	6,183	8,046	3,823	4,219
2011	93,654	37,860	55,794	11,214	4,782	6,432	8,140	3,874	4,264
2012	99,900	40,683	59,217	12,313	5,235	7,078	8,440	3,936	4,494

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 29. Earth, atmospheric, and ocean sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	1,712	1,551	161	759	714	45	404	392	12
1967	1,936	1,739	197	971	916	55	418	412	6
1968	2,339	2,105	234	1,008	937	71	443	432	11
1969	2,924	2,633	291	1,124	1,035	89	507	487	20
1970	3,351	3,008	343	1,124	999	125	509	493	16
1971	3,562	3,179	383	1,227	1,111	116	552	538	14
1972	4,055	3,560	495	1,408	1,256	152	582	561	21
1973	4,374	3,842	532	1,470	1,294	176	579	557	22
1974	4,823	4,055	768	1,679	1,482	197	576	547	29
1975	4,877	4,050	827	1,503	1,309	194	557	535	22
1976	5,046	4,124	922	1,581	1,361	220	584	531	53
1977	5,653	4,479	1,174	1,659	1,433	226	640	588	52
1978	6,003	4,709	1,294	1,832	1,542	290	578	524	54
1979	6,082	4,695	1,387	1,777	1,467	310	593	542	51
1980	6,155	4,693	1,462	1,793	1,457	336	588	530	58
1981	6,694	5,028	1,666	1,876	1,470	406	529	484	45
1982	7,061	5,254	1,807	2,012	1,560	452	604	512	92
1983	7,298	5,450	1,848	1,959	1,515	444	587	501	86
1984	7,925	5,991	1,934	1,982	1,517	465	569	472	97
1985	7,576	5,715	1,861	2,160	1,639	521	575	470	105
1986	6,076	4,722	1,354	2,234	1,717	517	554	462	92
1987	4,689	3,629	1,060	2,051	1,531	520	599	491	108
1988	3,554	2,707	847	1,920	1,433	487	670	541	129
1989	3,181	2,380	801	1,819	1,337	482	671	542	129
1990	2,776	2,001	775	1,596	1,218	378	719	581	138
1991	2,728	1,946	782	1,499	1,116	383	801	626	172
1992	3,201	2,177	1,024	1,425	1,057	368	767	585	176
1993	3,503	2,453	1,050	1,397	1,006	391	721	566	146
1994	3,868	2,665	1,203	1,418	994	424	791	622	162
1995	4,478	2,954	1,524	1,483	1,032	451	726	577	147
1996	4,457	2,972	1,485	1,487	1,051	436	724	565	152
1997	4,466	2,924	1,542	1,435	948	487	803	608	190
1998	4,321	2,722	1,599	1,426	932	494	766	564	198
1999	NA	NA	NA	NA	NA	NA	723	535	185
2000	4,019	2,413	1,606	1,345	832	513	694	495	196
2001	3,968	2,346	1,622	1,363	799	564	660	461	198
2002	3,984	2,282	1,702	1,406	834	572	689	477	212
2003	3,949	2,298	1,651	1,491	879	612	683	470	213
2004	3,903	2,256	1,647	1,570	869	701	686	448	238
2005	3,959	2,299	1,660	1,637	927	710	714	470	244
2006	3,987	2,341	1,646	1,684	923	761	757	490	266
2007	4,077	2,399	1,678	1,632	891	741	875	542	333
2008	4,314	2,559	1,755	1,552	847	705	865	548	316
2009	4,542	2,774	1,768	1,579	848	731	877	539	338
2010	4,802	2,913	1,889	1,677	888	789	862	496	366
2011	5,299	3,219	2,080	1,789	994	795	852	522	330
2012	5,865	3,570	2,295	2,043	1,170	873	841	496	345

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 30. Atmospheric sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	184	181	3	97	95	2	34	33	1
1967	212	208	4	169	164	5	40	39	1
1968	222	217	5	112	110	2	47	46	1
1969	228	215	13	140	135	5	48	48	0
1970	232	231	1	134	131	3	55	52	3
1971	249	245	4	153	149	4	59	59	0
1972	289	273	16	168	164	4	78	76	2
1973	251	242	9	174	165	9	58	57	1
1974	294	279	15	195	188	7	57	55	2
1975	306	285	21	183	173	10	45	43	2
1976	365	329	36	197	180	17	76	68	8
1977	373	338	35	213	201	12	93	84	9
1978	353	318	35	199	187	12	77	74	3
1979	326	289	37	181	165	16	84	81	3
1980	367	325	42	170	156	14	90	82	8
1981	359	302	57	174	154	20	75	72	3
1982	412	346	66	164	140	24	65	61	4
1983	396	330	66	183	159	24	97	91	6
1984	478	380	98	246	213	33	81	73	8
1985	414	346	68	236	196	40	80	76	4
1986	355	296	59	204	172	32	78	70	8
1987	345	284	61	216	187	29	87	73	14
1988	348	291	57	191	155	36	103	92	11
1989	330	278	52	206	174	32	87	77	10
1990	360	286	74	198	174	24	83	69	14
1991	360	303	57	172	138	34	108	89	16
1992	412	331	81	180	147	33	120	92	27
1993	369	305	64	202	161	41	99	79	18
1994	405	329	76	197	150	47	129	101	26
1995	444	362	82	203	152	51	130	106	23
1996	434	348	86	199	164	35	125	100	22
1997	431	348	83	177	135	42	149	124	25
1998	443	339	104	199	147	52	125	93	30
1999	NA	NA	NA	NA	NA	NA	124	101	22
2000	490	376	114	156	119	37	143	108	33
2001	456	324	132	140	100	40	116	87	28
2002	525	374	151	141	95	46	117	86	31
2003	562	386	176	167	112	55	139	100	39
2004	572	369	203	179	112	67	126	80	46
2005	677	436	241	212	143	69	145	93	52
2006	651	432	219	206	135	71	146	99	46
2007	745	483	262	193	124	69	167	104	63
2008	736	473	263	199	126	73	188	134	54
2009	721	486	235	225	134	91	167	117	50
2010	691	455	236	227	133	94	170	106	64
2011	678	461	217	221	135	86	178	123	55
2012	735	472	263	240	147	93	205	125	80

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 31. Earth and ocean sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	1,528	1,370	158	662	619	43	370	359	11
1967	1,724	1,531	193	802	752	50	378	373	5
1968	2,117	1,888	229	896	827	69	396	386	10
1969	2,696	2,418	278	984	900	84	459	439	20
1970	3,119	2,777	342	990	868	122	454	441	13
1971	3,313	2,934	379	1,074	962	112	493	479	14
1972	3,766	3,287	479	1,240	1,092	148	504	485	19
1973	4,123	3,600	523	1,296	1,129	167	521	500	21
1974	4,529	3,776	753	1,484	1,294	190	519	492	27
1975	4,571	3,765	806	1,320	1,136	184	512	492	20
1976	4,681	3,795	886	1,384	1,181	203	508	463	45
1977	5,280	4,141	1,139	1,446	1,232	214	547	504	43
1978	5,650	4,391	1,259	1,633	1,355	278	501	450	51
1979	5,756	4,406	1,350	1,596	1,302	294	509	461	48
1980	5,788	4,368	1,420	1,623	1,301	322	498	448	50
1981	6,335	4,726	1,609	1,702	1,316	386	454	412	42
1982	6,649	4,908	1,741	1,848	1,420	428	539	451	88
1983	6,902	5,120	1,782	1,776	1,356	420	490	410	80
1984	7,447	5,611	1,836	1,736	1,304	432	488	399	89
1985	7,162	5,369	1,793	1,924	1,443	481	495	394	101
1986	5,721	4,426	1,295	2,030	1,545	485	476	392	84
1987	4,344	3,345	999	1,835	1,344	491	512	418	94
1988	3,206	2,416	790	1,729	1,278	451	567	449	118
1989	2,851	2,102	749	1,613	1,163	450	584	465	119
1990	2,416	1,715	701	1,398	1,044	354	636	512	124
1991	2,368	1,643	725	1,327	978	349	693	537	156
1992	2,789	1,846	943	1,245	910	335	647	493	149
1993	3,134	2,148	986	1,195	845	350	622	487	128
1994	3,463	2,336	1,127	1,221	844	377	662	521	136
1995	4,034	2,592	1,442	1,280	880	400	596	471	124
1996	4,023	2,624	1,399	1,288	887	401	599	465	130
1997	4,035	2,576	1,459	1,258	813	445	654	484	165
1998	3,878	2,383	1,495	1,227	785	442	641	471	168
1999	NA	NA	NA	NA	NA	NA	599	434	163
2000	3,529	2,037	1,492	1,189	713	476	551	387	163
2001	3,512	2,022	1,490	1,223	699	524	544	374	170
2002	3,459	1,908	1,551	1,265	739	526	572	391	181
2003	3,387	1,912	1,475	1,324	767	557	544	370	174
2004	3,331	1,887	1,444	1,391	757	634	560	368	192
2005	3,282	1,863	1,419	1,425	784	641	569	377	192
2006	3,336	1,909	1,427	1,478	788	690	611	391	220
2007	3,332	1,916	1,416	1,439	767	672	708	438	270
2008	3,578	2,086	1,492	1,353	721	632	677	414	262
2009	3,821	2,288	1,533	1,354	714	640	710	422	288
2010	4,111	2,458	1,653	1,450	755	695	692	390	302
2011	4,621	2,758	1,863	1,568	859	709	674	399	275
2012	5,130	3,098	2,032	1,803	1,023	780	636	371	265

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 32. Mathematics and computer sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate ^a		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	20,179	13,477	6,702	5,010	3,992	1,018	769	722	47
1967	21,530	14,196	7,334	5,733	4,423	1,310	830	782	48
1968	24,084	15,243	8,841	6,081	4,720	1,361	971	924	47
1969	28,263	17,915	10,348	6,735	5,169	1,566	1,069	1,013	56
1970	29,109	18,593	10,516	7,107	5,298	1,809	1,225	1,148	77
1971	27,306	17,488	9,818	6,789	5,101	1,688	1,238	1,142	96
1972	27,250	17,466	9,784	7,186	5,409	1,777	1,281	1,185	96
1973	27,528	17,543	9,985	7,146	5,416	1,730	1,233	1,113	120
1974	26,570	16,851	9,719	7,116	5,323	1,793	1,211	1,096	115
1975	23,385	14,729	8,656	6,637	4,871	1,766	1,147	1,038	109
1976	21,749	14,071	7,678	6,466	4,776	1,690	1,003	890	113
1977	20,729	13,241	7,488	6,496	4,730	1,766	964	837	127
1978	19,925	12,815	7,110	6,421	4,704	1,717	959	828	131
1979	20,670	13,249	7,421	6,101	4,469	1,632	979	833	146
1980	22,686	14,439	8,247	6,515	4,715	1,800	962	846	116
1981	26,406	16,672	9,734	6,787	4,939	1,848	960	822	138
1982	32,139	19,966	12,173	7,666	5,446	2,220	940	824	116
1983	37,344	22,802	14,542	8,177	5,684	2,493	987	838	149
1984	45,946	27,893	18,053	8,960	6,185	2,775	993	841	152
1985	54,510	32,985	21,525	10,004	6,951	3,053	998	859	139
1986	58,726	35,920	22,806	11,254	7,724	3,530	1,128	959	169
1987	56,442	34,871	21,571	11,808	8,011	3,797	1,189	999	190
1988	50,877	32,112	18,765	12,600	8,759	3,841	1,264	1,087	177
1989	46,277	29,682	16,595	12,829	8,833	3,996	1,472	1,209	263
1990	42,369	27,184	15,185	13,327	9,176	4,151	1,597	1,329	268
1991	40,194	25,700	14,494	12,956	8,709	4,247	1,838	1,514	316
1992	39,889	25,693	14,196	13,320	9,199	4,121	1,927	1,588	325
1993	39,433	25,483	13,950	14,100	9,773	4,327	2,026	1,602	402
1994	39,185	25,397	13,788	14,350	10,128	4,222	2,021	1,641	373
1995	38,620	25,066	13,554	14,495	10,130	4,365	2,187	1,727	451
1996	37,621	24,857	12,764	14,355	9,999	4,356	2,042	1,656	370
1997	38,116	25,324	12,792	14,088	9,620	4,468	2,032	1,594	413
1998	39,768	26,670	13,098	15,277	10,393	4,884	2,104	1,638	456
1999	NA	NA	NA	NA	NA	NA	1,939	1,495	434
2000	49,233	33,113	16,120	18,281	11,780	6,501	1,911	1,507	401
2001	55,034	37,500	17,534	20,132	13,052	7,080	1,840	1,407	431
2002	61,960	42,518	19,442	20,389	13,274	7,115	1,728	1,291	432
2003	70,789	49,251	21,538	23,311	15,375	7,936	1,860	1,419	441
2004	73,703	52,330	21,373	24,505	16,257	8,248	2,024	1,520	504
2005	69,404	50,636	18,768	23,086	15,766	7,320	2,334	1,782	547
2006	63,310	46,496	16,814	22,028	15,323	6,705	2,778	2,074	704
2007	58,147	43,376	14,771	21,349	14,975	6,374	3,043	2,308	734
2008	54,763	40,922	13,841	22,303	15,500	6,803	3,187	2,353	833
2009	54,704	40,839	13,865	23,447	16,332	7,115	3,163	2,327	832

TABLE 32. Mathematics and computer sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate ^a		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
2010	56,939	42,385	14,554	23,979	16,640	7,339	3,254	2,435	819
2011	61,607	46,162	15,445	25,722	17,697	8,025	3,319	2,494	821
2012	67,779	50,513	17,266	27,675	19,128	8,547	3,547	2,683	861

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

^a In the Survey of Earned Doctorates (SED), data on computer sciences were not collected separately from mathematics until 1978, and complete data on computer sciences are not available from the SED until 1979. Data shown for 1966–78 are from the Integrated Postsecondary Education Data System Completions Survey.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 33. Computer sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate ^a		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	89	76	13	238	221	17	0	0	0
1967	222	198	24	449	423	26	0	0	0
1968	459	404	55	548	518	30	0	0	0
1969	933	812	121	1,012	939	73	0	0	0
1970	1,544	1,345	199	1,459	1,324	135	0	0	0
1971	2,388	2,064	324	1,588	1,424	164	0	0	0
1972	3,402	2,941	461	1,977	1,752	225	0	0	0
1973	4,305	3,665	640	2,113	1,888	225	1	0	1
1974	4,757	3,977	780	2,276	1,983	293	0	0	0
1975	5,039	4,083	956	2,299	1,961	338	0	0	0
1976	5,664	4,540	1,124	2,603	2,226	377	0	0	0
1977	6,426	4,887	1,539	2,798	2,332	466	32	27	5
1978	7,224	5,360	1,864	3,038	2,471	567	121	110	11
1979	8,769	6,306	2,463	3,055	2,480	575	210	183	27
1980	11,213	7,814	3,399	3,647	2,883	764	218	197	21
1981	15,233	10,280	4,953	4,218	3,247	971	232	206	26
1982	20,431	13,316	7,115	4,935	3,625	1,310	220	200	20
1983	24,682	15,690	8,992	5,321	3,813	1,508	286	250	36
1984	32,435	20,369	12,066	6,190	4,379	1,811	295	258	37
1985	39,121	24,690	14,431	7,101	5,064	2,037	310	277	33
1986	42,195	27,069	15,126	8,070	5,658	2,412	399	351	48
1987	39,927	26,038	13,889	8,481	5,985	2,496	450	385	65
1988	34,896	23,543	11,353	9,166	6,702	2,464	515	459	56
1989	30,963	21,418	9,545	9,399	6,773	2,626	613	505	108
1990	27,695	19,321	8,374	9,643	6,968	2,675	705	595	110
1991	25,410	17,896	7,514	9,324	6,563	2,761	800	679	117
1992	24,958	17,748	7,210	9,655	6,980	2,675	869	747	120
1993	24,580	17,629	6,951	10,349	7,554	2,795	880	737	138
1994	24,553	17,533	7,020	10,546	7,817	2,729	903	762	137
1995	24,769	17,706	7,063	10,563	7,777	2,786	997	808	186
1996	24,545	17,773	6,772	10,613	7,763	2,850	920	775	139
1997	25,393	18,490	6,903	10,489	7,510	2,979	909	743	150
1998	27,674	20,235	7,439	11,752	8,338	3,414	927	765	159
1999	NA	NA	NA	NA	NA	NA	856	692	157
2000	37,519	26,997	10,522	14,986	9,983	5,003	861	717	142
2001	43,597	31,549	12,048	16,852	11,161	5,691	830	673	155
2002	49,706	36,016	13,690	16,965	11,325	5,640	809	639	167
2003	57,926	42,258	15,668	19,590	13,335	6,255	867	690	177
2004	59,968	44,902	15,066	20,208	13,910	6,298	948	749	199
2005	54,588	42,429	12,159	18,489	13,180	5,309	1,129	905	221
2006	48,000	38,061	9,939	17,138	12,520	4,618	1,453	1,142	311
2007	42,596	34,652	7,944	16,314	12,038	4,276	1,655	1,323	332
2008	38,922	32,038	6,884	17,151	12,555	4,596	1,787	1,387	400
2009	38,496	31,602	6,894	17,988	13,119	4,869	1,610	1,260	349

TABLE 33. Computer sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate ^a		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
2010	40,107	32,801	7,306	18,021	13,058	4,963	1,664	1,312	352
2011	43,586	35,886	7,700	19,519	14,011	5,508	1,713	1,350	361
2012	47,960	39,230	8,730	21,001	15,161	5,840	1,845	1,465	380

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

^a In the Survey of Earned Doctorates (SED), data on computer sciences were not collected separately from mathematics until 1978, and complete data on computer sciences are not available from the SED until 1979. Data shown for 1966–78 are from the Integrated Postsecondary Education Data System Completions Survey.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 34. Mathematics degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate ^a		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	20,090	13,401	6,689	4,772	3,771	1,001	769	722	47
1967	21,308	13,998	7,310	5,284	4,000	1,284	830	782	48
1968	23,625	14,839	8,786	5,533	4,202	1,331	971	924	47
1969	27,330	17,103	10,227	5,723	4,230	1,493	1,069	1,013	56
1970	27,565	17,248	10,317	5,648	3,974	1,674	1,225	1,148	77
1971	24,918	15,424	9,494	5,201	3,677	1,524	1,238	1,142	96
1972	23,848	14,525	9,323	5,209	3,657	1,552	1,281	1,185	96
1973	23,223	13,878	9,345	5,033	3,528	1,505	1,232	1,113	119
1974	21,813	12,874	8,939	4,840	3,340	1,500	1,211	1,096	115
1975	18,346	10,646	7,700	4,338	2,910	1,428	1,147	1,038	109
1976	16,085	9,531	6,554	3,863	2,550	1,313	1,003	890	113
1977	14,303	8,354	5,949	3,698	2,398	1,300	932	810	122
1978	12,701	7,455	5,246	3,383	2,233	1,150	838	718	120
1979	11,901	6,943	4,958	3,046	1,989	1,057	769	650	119
1980	11,473	6,625	4,848	2,868	1,832	1,036	744	649	95
1981	11,173	6,392	4,781	2,569	1,692	877	728	616	112
1982	11,708	6,650	5,058	2,731	1,821	910	720	624	96
1983	12,662	7,112	5,550	2,856	1,871	985	701	588	113
1984	13,511	7,524	5,987	2,770	1,806	964	698	583	115
1985	15,389	8,295	7,094	2,903	1,887	1,016	688	582	106
1986	16,531	8,851	7,680	3,184	2,066	1,118	729	608	121
1987	16,515	8,833	7,682	3,327	2,026	1,301	739	614	125
1988	15,981	8,569	7,412	3,434	2,057	1,377	749	628	121
1989	15,314	8,264	7,050	3,430	2,060	1,370	859	704	155
1990	14,674	7,863	6,811	3,684	2,208	1,476	892	734	158
1991	14,784	7,804	6,980	3,632	2,146	1,486	1,038	835	199
1992	14,931	7,945	6,986	3,665	2,219	1,446	1,058	841	205
1993	14,853	7,854	6,999	3,751	2,219	1,532	1,146	865	264
1994	14,632	7,864	6,768	3,804	2,311	1,493	1,118	879	236
1995	13,851	7,360	6,491	3,932	2,353	1,579	1,190	919	265
1996	13,076	7,084	5,992	3,742	2,236	1,506	1,122	881	231
1997	12,723	6,834	5,889	3,599	2,110	1,489	1,123	851	263
1998	12,094	6,435	5,659	3,525	2,055	1,470	1,177	873	297
1999	NA	NA	NA	NA	NA	NA	1,083	803	277
2000	11,714	6,116	5,598	3,295	1,797	1,498	1,050	790	259
2001	11,437	5,951	5,486	3,280	1,891	1,389	1,010	734	276
2002	12,254	6,502	5,752	3,424	1,949	1,475	919	652	265
2003	12,863	6,993	5,870	3,721	2,040	1,681	993	729	264
2004	13,735	7,428	6,307	4,297	2,347	1,950	1,076	771	305
2005	14,816	8,207	6,609	4,597	2,586	2,011	1,205	877	326
2006	15,310	8,435	6,875	4,890	2,803	2,087	1,325	932	393
2007	15,551	8,724	6,827	5,035	2,937	2,098	1,388	985	402
2008	15,841	8,884	6,957	5,152	2,945	2,207	1,400	966	433
2009	16,208	9,237	6,971	5,459	3,213	2,246	1,553	1,067	483

TABLE 34. Mathematics degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate ^a		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
2010	16,832	9,584	7,248	5,958	3,582	2,376	1,590	1,123	467
2011	18,021	10,276	7,745	6,203	3,686	2,517	1,606	1,144	460
2012	19,819	11,283	8,536	6,674	3,967	2,707	1,702	1,218	481

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

^a Doctorates in computer sciences may have been reported in mathematics until 1978, when computer sciences was added to the Survey of Earned Doctorates questionnaire.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 35. Physical sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	15,462	13,290	2,172	4,206	3,723	483	2,655	2,535	120
1967	15,847	13,642	2,205	4,405	3,907	498	3,085	2,930	155
1968	17,037	14,602	2,435	4,456	3,892	564	3,239	3,064	175
1969	18,623	15,962	2,661	4,755	4,176	579	3,427	3,241	186
1970	18,173	15,547	2,626	4,796	4,074	722	3,893	3,666	227
1971	17,948	15,317	2,631	5,115	4,379	736	3,949	3,718	231
1972	16,814	14,161	2,653	4,864	4,128	736	3,653	3,404	249
1973	16,415	13,826	2,589	4,769	4,100	669	3,444	3,209	235
1974	16,453	13,686	2,767	4,379	3,689	690	3,136	2,902	234
1975	16,001	12,990	3,011	4,298	3,645	653	3,075	2,811	264
1976	16,497	13,280	3,217	3,880	3,275	605	2,861	2,617	244
1977	16,937	13,560	3,377	3,641	2,981	660	2,721	2,477	244
1978	17,143	13,453	3,690	3,713	3,060	653	2,611	2,364	247
1979	17,257	13,358	3,899	3,650	2,971	679	2,673	2,381	292
1980	17,470	13,285	4,185	3,408	2,770	638	2,521	2,199	322
1981	17,446	13,137	4,309	3,366	2,691	675	2,627	2,318	309
1982	17,263	12,737	4,526	3,491	2,744	747	2,694	2,337	357
1983	16,197	11,586	4,611	3,285	2,600	685	2,801	2,430	371
1984	15,831	11,175	4,656	3,544	2,698	846	2,845	2,446	399
1985	16,270	11,434	4,836	3,605	2,775	830	2,916	2,452	464
1986	15,784	11,088	4,696	3,649	2,736	913	3,090	2,585	505
1987	15,464	10,792	4,672	3,574	2,684	890	3,212	2,686	526
1988	14,255	9,673	4,582	3,708	2,817	891	3,316	2,759	557
1989	14,148	9,777	4,371	3,876	2,836	1,040	3,244	2,627	617
1990	13,425	9,106	4,319	3,805	2,754	1,051	3,493	2,840	653
1991	13,678	9,253	4,425	3,777	2,703	1,074	3,605	2,919	673
1992	13,875	9,289	4,586	3,922	2,834	1,088	3,751	2,961	765
1993	14,188	9,424	4,764	3,965	2,794	1,171	3,681	2,868	776
1994	14,655	9,588	5,067	4,263	3,030	1,233	3,949	3,104	826
1995	14,897	9,605	5,292	4,241	2,958	1,283	3,814	2,922	873
1996	15,396	9,694	5,702	4,364	2,914	1,450	3,826	2,961	839
1997	15,264	9,382	5,882	4,141	2,808	1,333	3,746	2,880	843
1998	15,273	9,279	5,994	3,969	2,529	1,440	3,800	2,865	917
1999	NA	NA	NA	NA	NA	NA	3,561	2,722	824
2000	14,578	8,590	5,988	3,513	2,298	1,215	3,378	2,546	827
2001	14,146	8,237	5,909	3,737	2,436	1,301	3,366	2,531	830
2002	13,997	8,023	5,974	3,625	2,299	1,326	3,187	2,335	848
2003	14,110	8,231	5,879	3,660	2,342	1,318	3,287	2,396	891
2004	14,219	8,221	5,998	4,030	2,517	1,513	3,336	2,470	865
2005	15,005	8,590	6,415	4,064	2,540	1,524	3,643	2,670	971
2006	16,390	9,437	6,953	4,278	2,652	1,626	3,929	2,831	1,094
2007	17,007	10,021	6,986	4,243	2,680	1,563	4,081	2,905	1,175
2008	17,652	10,368	7,284	4,374	2,809	1,565	4,081	2,957	1,124
2009	17,942	10,491	7,451	4,101	2,587	1,514	4,284	2,995	1,280
2010	18,402	10,804	7,598	4,323	2,702	1,621	4,194	2,924	1,269
2011	19,198	11,404	7,794	4,473	2,816	1,657	4,494	3,167	1,325
2012	20,421	12,137	8,284	4,709	3,020	1,689	4,564	3,214	1,345

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 36. Astronomy degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	86	76	10	59	50	9	66	63	3
1967	100	89	11	69	58	11	64	59	5
1968	115	93	22	80	68	12	98	89	9
1969	118	107	11	107	100	7	112	105	7
1970	139	120	19	92	83	9	111	103	8
1971	136	127	9	108	94	14	113	105	8
1972	159	135	24	167	155	12	129	121	8
1973	143	117	26	92	80	12	131	125	6
1974	179	144	35	89	77	12	133	127	6
1975	143	115	28	113	98	15	131	119	12
1976	166	149	17	89	81	8	151	140	11
1977	152	131	21	81	67	14	120	111	9
1978	128	102	26	95	83	12	138	131	7
1979	120	100	20	116	101	15	115	107	8
1980	122	98	24	79	70	9	121	108	13
1981	129	103	26	58	49	9	109	98	11
1982	113	92	21	80	69	11	102	86	16
1983	96	72	24	68	56	12	115	100	15
1984	95	75	20	67	57	10	98	86	12
1985	119	89	30	91	76	15	100	89	11
1986	149	126	23	83	72	11	109	100	9
1987	130	107	23	71	55	16	100	87	13
1988	126	107	19	88	71	17	130	114	16
1989	164	127	37	100	85	15	113	96	17
1990	140	97	43	105	83	22	128	108	20
1991	151	112	39	98	79	19	125	110	14
1992	138	97	41	113	81	32	134	114	19
1993	167	120	47	135	106	29	145	120	25
1994	163	117	46	129	98	31	144	119	25
1995	169	117	52	119	88	31	173	143	30
1996	148	93	55	115	88	27	192	151	41
1997	140	94	46	93	61	32	198	161	37
1998	168	110	58	101	71	30	206	161	45
1999	NA	NA	NA	NA	NA	NA	159	126	33
2000	160	106	54	102	77	25	185	145	40
2001	240	145	95	93	57	36	186	145	41
2002	276	160	116	112	85	27	141	114	27
2003	271	161	110	123	81	42	167	127	40
2004	292	169	123	150	97	53	165	119	46
2005	331	188	143	159	97	62	186	137	49
2006	366	235	131	146	80	66	197	141	56
2007	332	200	132	152	93	59	223	163	59
2008	346	226	120	166	104	62	249	187	62
2009	335	189	146	139	82	57	262	178	84
2010	388	248	140	149	94	55	266	178	88
2011	364	228	136	185	115	70	288	204	84
2012	392	239	153	127	77	50	275	190	85

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 37. Chemistry degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	9,735	7,934	1,801	1,839	1,484	355	1,594	1,496	98
1967	9,872	8,101	1,771	1,831	1,484	347	1,773	1,655	118
1968	10,847	8,882	1,965	2,014	1,596	418	1,803	1,662	141
1969	11,807	9,651	2,156	2,070	1,689	381	1,966	1,819	147
1970	11,617	9,501	2,116	2,146	1,666	480	2,238	2,056	182
1971	11,183	9,088	2,095	2,284	1,792	492	2,211	2,036	175
1972	10,721	8,601	2,120	2,259	1,754	505	2,019	1,816	203
1973	10,226	8,259	1,967	2,230	1,763	467	1,855	1,676	179
1974	10,525	8,413	2,112	2,138	1,664	474	1,797	1,620	177
1975	10,649	8,264	2,385	2,006	1,590	416	1,775	1,581	194
1976	11,107	8,610	2,497	1,796	1,413	383	1,623	1,434	189
1977	11,322	8,720	2,602	1,775	1,327	448	1,571	1,391	180
1978	11,474	8,593	2,881	1,892	1,447	445	1,544	1,349	195
1979	11,643	8,530	3,113	1,765	1,318	447	1,565	1,346	219
1980	11,446	8,169	3,277	1,733	1,286	447	1,538	1,283	255
1981	11,540	8,065	3,475	1,667	1,194	473	1,612	1,376	236
1982	11,316	7,703	3,613	1,758	1,261	497	1,680	1,407	273
1983	11,039	7,303	3,736	1,632	1,167	465	1,758	1,461	297
1984	10,912	7,087	3,825	1,677	1,139	538	1,765	1,445	320
1985	10,701	6,807	3,894	1,734	1,166	568	1,836	1,474	362
1986	10,317	6,573	3,744	1,764	1,165	599	1,903	1,507	396
1987	9,830	6,156	3,674	1,750	1,181	569	1,975	1,569	406
1988	9,158	5,506	3,652	1,702	1,148	554	2,013	1,587	426
1989	8,822	5,391	3,431	1,800	1,131	669	1,970	1,471	499
1990	8,289	4,965	3,324	1,711	1,038	673	2,100	1,597	503
1991	8,461	5,046	3,415	1,676	993	683	2,194	1,672	517
1992	8,829	5,236	3,593	1,791	1,090	701	2,214	1,621	579
1993	9,109	5,365	3,744	1,853	1,110	743	2,137	1,531	582
1994	9,641	5,672	3,969	2,010	1,183	827	2,256	1,620	626
1995	10,016	5,783	4,233	2,105	1,220	885	2,162	1,488	661
1996	10,713	6,091	4,622	2,273	1,275	998	2,149	1,527	605
1997	10,926	6,043	4,883	2,268	1,341	927	2,148	1,523	613
1998	10,873	5,900	4,973	2,173	1,175	998	2,216	1,509	695
1999	NA	NA	NA	NA	NA	NA	2,131	1,493	631
2000	10,388	5,483	4,905	1,909	1,086	823	1,989	1,361	624
2001	9,815	5,041	4,774	2,009	1,184	825	1,982	1,350	628
2002	9,439	4,716	4,723	1,867	1,015	852	1,923	1,277	645
2003	9,329	4,649	4,680	1,830	1,001	829	2,040	1,384	656
2004	9,300	4,548	4,752	2,056	1,106	950	1,987	1,350	636
2005	9,923	4,779	5,144	1,912	973	939	2,126	1,403	723
2006	10,887	5,253	5,634	2,097	1,073	1,024	2,364	1,551	810
2007	11,250	5,636	5,614	2,144	1,139	1,005	2,318	1,486	832
2008	11,832	5,923	5,909	2,236	1,201	1,035	2,246	1,479	767
2009	12,144	6,038	6,106	2,131	1,134	997	2,392	1,491	895
2010	12,338	6,176	6,162	2,175	1,120	1,055	2,304	1,440	864
2011	12,888	6,560	6,328	2,324	1,243	1,081	2,432	1,508	922
2012	13,714	6,984	6,730	2,493	1,361	1,132	2,418	1,520	897

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 38. Physics degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	4,608	4,384	224	1,949	1,869	80	995	976	19
1967	4,733	4,466	267	2,111	2,015	96	1,248	1,216	32
1968	5,045	4,749	296	2,088	1,993	95	1,338	1,313	25
1969	5,535	5,213	322	2,259	2,139	120	1,349	1,317	32
1970	5,333	5,004	329	2,205	2,047	158	1,544	1,507	37
1971	5,076	4,733	343	2,194	2,042	152	1,625	1,577	48
1972	4,645	4,322	323	2,035	1,876	159	1,505	1,467	38
1973	4,268	3,955	313	1,755	1,642	113	1,458	1,408	50
1974	3,962	3,625	337	1,662	1,526	136	1,206	1,155	51
1975	3,716	3,354	362	1,577	1,453	124	1,169	1,111	58
1976	3,544	3,156	388	1,451	1,319	132	1,087	1,043	44
1977	3,420	3,062	358	1,319	1,193	126	1,030	975	55
1978	3,330	2,961	369	1,294	1,171	123	929	884	45
1979	3,338	2,939	399	1,319	1,184	135	993	928	65
1980	3,397	2,963	434	1,192	1,074	118	862	808	54
1981	3,441	3,009	432	1,294	1,179	115	906	844	62
1982	3,475	3,014	461	1,284	1,128	156	912	844	68
1983	3,800	3,317	483	1,370	1,208	162	928	869	59
1984	3,921	3,361	560	1,535	1,341	194	982	915	67
1985	4,111	3,550	561	1,523	1,333	190	980	889	91
1986	4,189	3,578	611	1,501	1,277	224	1,078	978	100
1987	4,324	3,629	695	1,543	1,300	243	1,137	1,030	107
1988	4,103	3,492	611	1,681	1,428	253	1,173	1,058	115
1989	4,347	3,705	642	1,739	1,448	291	1,161	1,060	101
1990	4,193	3,514	679	1,819	1,523	296	1,265	1,135	130
1991	4,245	3,575	670	1,725	1,441	284	1,286	1,137	142
1992	4,107	3,435	672	1,834	1,539	295	1,403	1,226	167
1993	4,080	3,403	677	1,781	1,463	318	1,399	1,217	169
1994	4,005	3,295	710	1,952	1,655	297	1,549	1,365	175
1995	3,836	3,161	675	1,826	1,535	291	1,479	1,291	182
1996	3,703	3,019	684	1,686	1,385	301	1,485	1,283	193
1997	3,393	2,741	652	1,497	1,242	255	1,400	1,196	193
1998	3,455	2,789	666	1,401	1,146	255	1,378	1,195	177
1999	NA	NA	NA	NA	NA	NA	1,271	1,103	160
2000	3,362	2,638	724	1,244	1,000	244	1,204	1,040	163
2001	3,447	2,692	755	1,376	1,090	286	1,198	1,036	161
2002	3,641	2,817	824	1,353	1,067	286	1,123	944	176
2003	3,913	3,076	837	1,453	1,140	313	1,080	885	195
2004	4,140	3,233	907	1,637	1,224	413	1,184	1,001	183
2005	4,199	3,299	900	1,794	1,372	422	1,331	1,130	199
2006	4,566	3,621	945	1,853	1,414	439	1,368	1,139	228
2007	4,870	3,846	1,024	1,792	1,375	417	1,540	1,256	284
2008	4,876	3,888	988	1,799	1,421	378	1,586	1,291	295
2009	4,842	3,917	925	1,657	1,286	371	1,630	1,326	301
2010	5,000	3,985	1,015	1,810	1,400	410	1,624	1,306	317
2011	5,221	4,220	1,001	1,771	1,367	404	1,774	1,455	319
2012	5,557	4,495	1,062	1,879	1,470	409	1,871	1,504	363

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 39. Other physical sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	1,033	896	137	359	320	39	NA	NA	NA
1967	1,142	986	156	394	350	44	NA	NA	NA
1968	1,030	878	152	274	235	39	NA	NA	NA
1969	1,163	991	172	319	248	71	NA	NA	NA
1970	1,084	922	162	353	278	75	NA	NA	NA
1971	1,553	1,369	184	529	451	78	NA	NA	NA
1972	1,289	1,103	186	403	343	60	NA	NA	NA
1973	1,778	1,495	283	692	615	77	NA	NA	NA
1974	1,787	1,504	283	490	422	68	NA	NA	NA
1975	1,493	1,257	236	602	504	98	NA	NA	NA
1976	1,680	1,365	315	544	462	82	NA	NA	NA
1977	2,043	1,647	396	466	394	72	NA	NA	NA
1978	2,211	1,797	414	432	359	73	NA	NA	NA
1979	2,156	1,789	367	450	368	82	NA	NA	NA
1980	2,505	2,055	450	404	340	64	NA	NA	NA
1981	2,336	1,960	376	347	269	78	NA	NA	NA
1982	2,359	1,928	431	369	286	83	NA	NA	NA
1983	1,262	894	368	215	169	46	NA	NA	NA
1984	903	652	251	265	161	104	NA	NA	NA
1985	1,339	988	351	257	200	57	NA	NA	NA
1986	1,129	811	318	301	222	79	NA	NA	NA
1987	1,180	900	280	210	148	62	NA	NA	NA
1988	868	568	300	237	170	67	NA	NA	NA
1989	815	554	261	237	172	65	NA	NA	NA
1990	803	530	273	170	110	60	NA	NA	NA
1991	821	520	301	278	190	88	NA	NA	NA
1992	801	521	280	184	124	60	NA	NA	NA
1993	832	536	296	196	115	81	NA	NA	NA
1994	846	504	342	172	94	78	NA	NA	NA
1995	876	544	332	191	115	76	NA	NA	NA
1996	832	491	341	290	166	124	NA	NA	NA
1997	805	504	301	283	164	119	NA	NA	NA
1998	777	480	297	294	137	157	NA	NA	NA
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	668	363	305	258	135	123	NA	NA	NA
2001	644	359	285	259	105	154	NA	NA	NA
2002	641	330	311	293	132	161	NA	NA	NA
2003	597	345	252	254	120	134	NA	NA	NA
2004	487	271	216	187	90	97	NA	NA	NA
2005	552	324	228	199	98	101	NA	NA	NA
2006	571	328	243	182	85	97	NA	NA	NA
2007	555	339	216	155	73	82	NA	NA	NA
2008	598	331	267	173	83	90	NA	NA	NA
2009	621	347	274	174	85	89	NA	NA	NA
2010	676	395	281	189	88	101	NA	NA	NA
2011	725	396	329	193	91	102	NA	NA	NA
2012	758	419	339	210	112	98	NA	NA	NA

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: In the Survey of Earned Doctorates, data on other physical sciences are included in physical sciences tables. Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 40. Psychology degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	16,966	10,038	6,928	2,423	1,625	798	1,139	894	245
1967	19,435	11,657	7,778	2,898	1,971	927	1,295	1,030	265
1968	23,921	13,791	10,130	3,240	2,229	1,011	1,464	1,131	333
1969	29,458	16,758	12,700	3,738	2,584	1,154	1,766	1,350	416
1970	33,784	19,067	14,717	3,962	2,484	1,478	1,890	1,446	444
1971	38,154	21,117	17,037	4,438	2,787	1,651	2,145	1,615	530
1972	43,421	23,267	20,154	5,293	3,260	2,033	2,279	1,670	609
1973	48,096	25,110	22,986	5,882	3,515	2,367	2,458	1,741	717
1974	52,256	25,849	26,407	6,616	3,986	2,630	2,598	1,797	801
1975	51,436	24,333	27,103	7,104	4,059	3,045	2,751	1,878	873
1976	50,363	22,987	27,376	7,859	4,188	3,671	2,883	1,937	946
1977	47,794	20,692	27,102	8,320	4,316	4,004	2,990	1,902	1,088
1978	45,057	18,517	26,540	8,194	3,931	4,263	3,055	1,928	1,127
1979	43,012	16,649	26,363	8,031	3,688	4,343	3,091	1,831	1,260
1980	42,513	15,590	26,923	7,861	3,397	4,464	3,098	1,787	1,311
1981	41,364	14,447	26,917	8,039	3,371	4,668	3,358	1,885	1,473
1982	41,539	13,756	27,783	7,849	3,228	4,621	3,158	1,720	1,438
1983	40,825	13,228	27,597	8,439	3,254	5,185	3,346	1,750	1,596
1984	40,375	12,949	27,426	8,073	2,980	5,093	3,255	1,625	1,630
1985	40,237	12,815	27,422	8,481	3,064	5,417	3,117	1,576	1,541
1986	40,937	12,691	28,246	8,363	2,937	5,426	3,126	1,527	1,599
1987	43,195	13,399	29,796	8,165	2,838	5,327	3,172	1,474	1,698
1988	45,378	13,584	31,794	7,925	2,599	5,326	3,074	1,392	1,681
1989	48,954	14,291	34,663	8,652	2,814	5,838	3,208	1,408	1,800
1990	54,018	15,399	38,619	9,308	3,025	6,283	3,281	1,368	1,913
1991	58,893	16,155	42,738	9,802	2,994	6,808	3,250	1,249	1,996
1992	64,033	17,130	46,903	9,852	2,929	6,923	3,262	1,327	1,928
1993	67,251	18,029	49,222	10,412	2,928	7,484	3,420	1,322	2,088
1994	69,768	18,749	51,019	11,572	3,287	8,285	3,380	1,273	2,102
1995	72,601	19,638	52,963	13,132	3,735	9,397	3,429	1,245	2,181
1996	73,828	19,965	53,863	13,043	3,670	9,373	3,495	1,163	2,329
1997	74,734	19,491	55,243	13,633	3,715	9,918	3,557	1,162	2,363
1998	74,457	19,057	55,400	13,146	3,606	9,540	3,673	1,205	2,456
1999	NA	NA	NA	NA	NA	NA	3,668	1,209	2,450
2000	74,656	17,542	57,114	13,806	3,443	10,363	3,615	1,203	2,409
2001	74,124	16,694	57,430	14,449	3,510	10,939	3,401	1,128	2,270
2002	77,297	17,389	59,908	14,204	3,426	10,778	3,206	1,065	2,137
2003	79,163	17,629	61,534	14,885	3,478	11,407	3,277	1,043	2,234
2004	82,606	18,322	64,284	15,700	3,465	12,235	3,327	1,081	2,246
2005	86,031	19,099	66,932	16,478	3,560	12,918	3,322	1,058	2,263
2006	88,551	19,975	68,576	17,302	3,665	13,637	3,260	936	2,322
2007	90,498	20,446	70,052	18,594	3,915	14,679	3,276	941	2,335
2008	92,989	21,307	71,682	18,836	3,920	14,916	3,358	999	2,359
2009	94,743	21,579	73,164	20,744	4,382	16,362	3,472	991	2,481
2010	97,746	22,410	75,336	21,032	4,386	16,646	3,422	1,033	2,389
2011	101,568	23,401	78,167	22,363	4,719	17,644	3,578	1,003	2,575
2012	109,716	25,590	84,126	24,215	5,062	19,153	3,614	1,047	2,566

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 41. Social sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	64,364	42,304	22,060	9,081	7,251	1,830	1,591	1,424	167
1967	72,398	47,257	25,141	10,348	8,263	2,085	1,911	1,699	212
1968	85,395	54,820	30,575	11,434	8,962	2,472	2,162	1,906	256
1969	100,059	63,544	36,515	12,983	10,050	2,933	2,437	2,156	281
1970	110,596	70,133	40,463	13,490	10,035	3,455	2,935	2,604	331
1971	116,411	72,618	43,793	14,914	11,011	3,903	3,442	2,992	450
1972	120,917	76,235	44,682	16,334	12,161	4,173	3,568	3,088	480
1973	123,206	77,658	45,548	17,720	13,235	4,485	3,736	3,151	585
1974	120,974	75,487	45,487	18,378	13,557	4,821	3,689	3,016	673
1975	111,711	68,723	42,988	19,459	13,976	5,483	3,787	3,035	752
1976	107,042	65,467	41,575	19,953	14,163	5,790	3,885	3,061	824
1977	100,739	60,181	40,558	21,209	14,906	6,303	3,730	2,932	798
1978	98,961	57,773	41,188	21,023	14,579	6,444	3,613	2,736	877
1979	95,891	54,714	41,177	19,372	12,892	6,480	3,491	2,596	895
1980	93,119	51,419	41,700	18,938	12,343	6,595	3,372	2,464	908
1981	91,243	49,774	41,469	18,740	11,851	6,889	3,416	2,511	905
1982	92,026	49,504	42,522	18,794	11,701	7,093	3,335	2,415	920
1983	87,826	47,164	40,662	17,851	10,847	7,004	3,326	2,315	1,011
1984	85,703	46,610	39,093	17,176	10,321	6,855	3,249	2,244	1,005
1985	84,796	45,955	38,841	17,148	10,209	6,939	3,217	2,188	1,029
1986	86,621	47,152	39,469	17,221	10,132	7,089	3,324	2,207	1,117
1987	88,740	48,101	40,639	17,160	9,958	7,202	3,164	2,153	1,011
1988	91,339	49,548	41,791	17,220	9,982	7,238	3,236	2,111	1,125
1989	97,783	52,597	45,186	17,983	10,154	7,829	3,323	2,188	1,135
1990	105,350	56,610	48,740	18,230	10,251	7,979	3,332	2,221	1,111
1991	111,212	58,745	52,467	18,915	10,288	8,627	3,555	2,229	1,313
1992	118,133	61,712	56,421	19,685	10,562	9,123	3,610	2,285	1,299
1993	119,334	61,763	57,571	20,775	11,002	9,773	3,768	2,315	1,421
1994	117,505	59,929	57,576	22,405	11,722	10,683	3,901	2,435	1,444
1995	112,711	56,618	56,093	23,259	11,925	11,334	3,878	2,388	1,465
1996	111,789	54,955	56,834	23,996	11,958	12,038	4,003	2,523	1,463
1997	111,050	53,501	57,549	23,793	11,645	12,148	4,110	2,478	1,592
1998	110,806	52,683	58,123	23,732	11,733	11,999	4,054	2,352	1,684
1999	NA	NA	NA	NA	NA	NA	4,063	2,350	1,696
2000	113,497	51,995	61,502	23,360	10,956	12,404	4,155	2,365	1,784
2001	114,474	51,745	62,729	23,172	10,621	12,551	4,081	2,324	1,751
2002	119,106	53,785	65,321	23,486	10,799	12,687	4,013	2,217	1,785
2003	129,735	58,834	70,901	24,698	11,048	13,650	4,139	2,286	1,853
2004	137,739	62,660	75,079	27,704	12,208	15,496	4,139	2,313	1,826
2005	144,571	66,270	78,301	29,415	12,980	16,435	4,139	2,285	1,850
2006	148,114	68,576	79,538	30,626	13,343	17,283	4,278	2,317	1,958
2007	150,725	69,706	81,019	30,604	13,535	17,069	4,435	2,317	2,115
2008	155,670	72,423	83,247	32,477	14,368	18,109	4,598	2,343	2,255
2009	158,178	73,398	84,780	33,866	14,892	18,974	4,832	2,487	2,343
2010	163,071	75,445	87,626	35,949	15,716	20,233	4,812	2,523	2,288
2011	172,181	78,867	93,314	38,662	17,101	21,561	5,005	2,527	2,477
2012	177,326	80,400	96,926	41,423	18,251	23,172	5,208	2,688	2,517

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 42. Economics degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Female	Women	All recipients	Male	Female
1966	12,274	11,130	1,144	1,901	1,722	179	627	600	27
1967	13,829	12,491	1,338	2,147	1,967	180	691	655	36
1968	16,207	14,569	1,638	2,358	2,148	210	747	712	35
1969	17,909	16,095	1,814	2,537	2,282	255	800	756	44
1970	18,325	16,436	1,889	2,396	2,131	265	967	915	52
1971	17,137	15,214	1,923	2,415	2,139	276	990	933	57
1972	16,408	14,578	1,830	2,636	2,340	296	1,056	995	61
1973	15,848	13,772	2,076	2,662	2,360	302	1,121	1,058	63
1974	15,596	13,438	2,158	2,560	2,234	326	1,035	955	80
1975	15,160	12,677	2,483	2,522	2,171	351	1,057	968	89
1976	16,025	13,032	2,993	2,560	2,174	386	1,047	950	97
1977	16,674	13,027	3,647	2,662	2,231	431	983	904	79
1978	17,443	13,333	4,110	2,549	2,091	458	960	862	98
1979	18,150	13,383	4,767	2,468	2,018	450	956	840	116
1980	19,736	14,024	5,712	2,386	1,907	479	927	811	116
1981	20,700	14,650	6,050	2,498	1,941	557	993	879	114
1982	21,880	15,037	6,843	2,506	1,913	593	941	821	120
1983	22,410	15,163	7,247	2,568	1,957	611	971	820	151
1984	22,874	15,359	7,515	2,482	1,891	591	952	799	153
1985	23,073	15,400	7,673	2,532	1,920	612	959	814	145
1986	23,796	15,842	7,954	2,496	1,880	616	1,019	838	181
1987	24,402	16,335	8,067	2,321	1,739	582	960	797	163
1988	24,757	16,793	7,964	2,314	1,736	578	1,008	810	198
1989	25,301	17,224	8,077	2,333	1,699	634	1,061	863	198
1990	25,587	17,706	7,881	2,456	1,831	625	1,007	807	200
1991	25,302	17,725	7,577	2,411	1,711	700	1,053	833	217
1992	24,976	17,556	7,420	2,564	1,852	712	1,051	821	219
1993	22,973	16,161	6,812	2,725	1,909	816	1,067	808	246
1994	20,945	14,810	6,135	2,989	2,030	959	1,101	845	249
1995	19,083	13,235	5,848	2,838	1,944	894	1,152	864	279
1996	17,896	12,524	5,372	2,964	1,962	1,002	1,177	905	264
1997	17,701	12,253	5,448	2,804	1,851	953	1,163	876	266
1998	18,244	12,453	5,791	2,843	1,899	944	1,157	841	312
1999	NA	NA	NA	NA	NA	NA	1,075	781	291
2000	19,400	13,016	6,384	2,515	1,563	952	1,086	790	293
2001	20,371	13,450	6,921	2,492	1,519	973	1,081	773	306
2002	21,823	14,436	7,387	2,651	1,601	1,050	1,027	739	281
2003	23,866	15,773	8,093	2,951	1,790	1,161	1,050	747	303
2004	24,927	16,650	8,277	3,201	1,949	1,252	1,069	755	314
2005	25,160	17,021	8,139	3,504	2,113	1,391	1,182	825	355
2006	24,707	17,043	7,664	3,330	2,011	1,319	1,142	794	346
2007	24,825	17,195	7,630	3,351	2,045	1,306	1,186	806	379
2008	26,281	18,237	8,044	3,576	2,192	1,384	1,202	789	413
2009	27,628	19,282	8,346	3,651	2,145	1,506	1,234	796	437
2010	29,090	20,195	8,895	3,732	2,240	1,492	1,191	780	410
2011	30,013	20,826	9,187	4,173	2,445	1,728	1,229	798	431
2012	29,457	20,677	8,780	4,331	2,596	1,735	1,331	897	433

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 43. Political science degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	16,842	13,113	3,729	3,065	2,643	422	79	69	10
1967	19,332	15,063	4,269	3,326	2,782	544	81	78	3
1968	22,330	17,466	4,864	3,678	3,112	566	108	97	11
1969	25,782	20,369	5,413	3,964	3,333	631	103	95	8
1970	27,553	22,002	5,551	4,106	3,397	709	102	96	6
1971	29,562	23,516	6,046	4,875	3,977	898	146	132	14
1972	30,677	24,769	5,908	5,573	4,634	939	112	102	10
1973	33,519	26,771	6,748	6,751	5,512	1,239	128	102	26
1974	33,465	26,607	6,858	6,766	5,653	1,113	134	125	9
1975	32,500	24,864	7,636	7,724	6,139	1,585	115	94	21
1976	32,626	24,175	8,451	8,694	6,863	1,831	847	718	129
1977	30,972	22,170	8,802	10,162	7,874	2,288	879	737	142
1978	30,440	20,788	9,652	10,346	7,695	2,651	851	701	150
1979	30,292	20,014	10,278	10,096	7,122	2,974	767	627	140
1980	30,164	19,108	11,056	10,006	6,917	3,089	730	586	144
1981	30,091	18,655	11,436	9,952	6,632	3,320	679	544	135
1982	31,630	19,069	12,561	10,210	6,565	3,645	709	555	154
1983	31,871	18,679	13,192	9,715	6,109	3,606	655	505	150
1984	31,888	18,725	13,163	9,401	5,805	3,596	695	530	165
1985	32,378	18,799	13,579	9,481	5,785	3,696	666	491	175
1986	33,176	19,167	14,009	9,660	5,839	3,821	659	463	196
1987	33,876	19,365	14,511	9,933	5,830	4,103	647	472	175
1988	34,689	19,837	14,852	9,880	5,807	4,073	634	470	164
1989	38,246	21,622	16,624	10,314	5,917	4,397	700	499	201
1990	41,618	23,563	18,055	9,941	5,663	4,278	735	564	171
1991	44,257	24,648	19,609	10,392	5,752	4,640	740	527	211
1992	47,214	26,319	20,895	10,767	5,834	4,933	804	565	235
1993	47,936	26,701	21,235	11,310	6,069	5,241	823	569	245
1994	45,610	25,136	20,474	12,041	6,417	5,624	929	643	282
1995	41,978	23,010	18,968	12,802	6,678	6,124	894	620	265
1996	39,928	21,578	18,350	13,370	6,716	6,654	928	620	305
1997	37,807	19,953	17,854	13,368	6,677	6,691	975	674	298
1998	36,654	19,334	17,320	13,151	6,585	6,566	958	593	364
1999	NA	NA	NA	NA	NA	NA	1,016	655	356
2000	36,384	18,063	18,321	13,038	6,317	6,721	986	620	364
2001	36,650	17,999	18,651	12,937	6,094	6,843	985	651	330
2002	38,565	18,822	19,743	13,200	6,213	6,987	938	541	394
2003	43,796	21,274	22,522	14,135	6,399	7,736	1,025	627	398
2004	47,509	23,101	24,408	15,780	6,947	8,833	947	601	346
2005	51,540	25,130	26,410	17,421	7,614	9,807	989	580	409
2006	53,589	26,462	27,127	18,073	7,850	10,223	1,001	591	410
2007	54,598	27,053	27,545	18,525	8,209	10,316	1,036	571	464
2008	55,889	27,734	28,155	19,933	8,694	11,239	1,020	560	460
2009	55,319	27,184	28,135	20,575	8,979	11,596	1,140	648	491
2010	57,649	27,850	29,799	22,083	9,550	12,533	1,205	688	517
2011	59,752	28,975	30,777	24,128	10,580	13,548	1,139	640	499
2012	60,760	29,267	31,493	26,085	11,178	14,907	1,246	696	549

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 44. Sociology degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	15,203	6,139	9,064	981	680	301	260	220	40
1967	17,751	7,163	10,588	1,193	837	356	331	271	60
1968	22,062	8,577	13,485	1,193	790	403	370	297	73
1969	26,555	10,342	16,213	1,656	1,125	531	413	331	82
1970	30,848	12,445	18,403	1,816	1,139	677	505	412	93
1971	33,667	13,706	19,961	1,815	1,136	679	587	471	116
1972	35,630	15,334	20,296	1,987	1,218	769	639	501	138
1973	35,996	15,747	20,249	1,950	1,167	783	599	445	154
1974	35,915	15,325	20,590	2,236	1,346	890	645	460	185
1975	31,858	13,347	18,511	2,135	1,319	816	680	470	210
1976	27,992	11,391	16,601	2,035	1,177	858	734	511	223
1977	25,008	9,814	15,194	1,851	1,024	827	725	488	237
1978	23,073	8,461	14,612	1,650	898	752	610	386	224
1979	20,546	7,156	13,390	1,451	757	694	632	400	232
1980	19,181	6,391	12,790	1,372	683	689	600	369	231
1981	17,592	5,361	12,231	1,255	598	657	605	363	242
1982	16,333	4,889	11,444	1,183	541	642	568	354	214
1983	14,347	4,363	9,984	1,157	515	642	525	309	216
1984	13,347	4,293	9,054	1,015	461	554	515	289	226
1985	12,165	3,767	8,398	1,045	470	575	461	227	234
1986	12,397	3,862	8,535	986	440	546	491	276	215
1987	12,359	3,897	8,462	970	425	545	423	255	168
1988	13,085	4,086	8,999	1,013	437	576	449	211	238
1989	14,393	4,488	9,905	1,169	507	662	436	214	222
1990	15,993	5,047	10,946	1,213	501	712	428	221	207
1991	17,632	5,427	12,205	1,293	514	779	465	235	230
1992	19,644	6,124	13,520	1,379	561	818	495	250	245
1993	21,007	6,638	14,369	1,564	604	960	513	269	243
1994	22,468	7,155	15,313	1,675	652	1,023	525	250	271
1995	22,974	7,435	15,539	1,790	678	1,112	540	249	288
1996	24,169	7,794	16,375	1,822	642	1,180	517	238	274
1997	24,750	7,846	16,904	1,752	610	1,142	577	257	318
1998	24,884	7,762	17,122	1,774	656	1,118	549	243	304
1999	NA	NA	NA	NA	NA	NA	544	218	325
2000	25,683	7,656	18,027	2,000	637	1,363	617	249	367
2001	25,354	7,436	17,918	1,848	624	1,224	566	236	330
2002	25,295	7,299	17,996	1,931	634	1,297	547	214	333
2003	26,198	7,557	18,641	1,900	623	1,277	597	245	352
2004	27,020	7,718	19,302	2,009	666	1,343	580	240	340
2005	28,556	8,430	20,126	1,500	477	1,023	536	201	335
2006	28,541	8,548	19,993	1,549	455	1,094	579	216	363
2007	29,050	8,698	20,352	1,547	474	1,073	576	216	360
2008	28,908	8,787	20,121	1,560	508	1,052	601	235	366
2009	28,836	8,707	20,129	1,582	529	1,053	662	263	399
2010	29,000	8,858	20,142	1,430	468	962	639	250	389
2011	29,614	8,988	20,626	1,569	529	1,040	657	254	403
2012	30,602	9,433	21,169	1,710	579	1,131	631	230	400

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. Counts of doctorates in this field of study include sociology degrees only. Counts of bachelor's and master's degrees in this field include degrees in demography and population studies through 1997. For 1998 and later years, counts of bachelor's and master's degrees are of sociology degrees only, and degrees awarded in demography and population studies are counted in Other social sciences. See appendix A for more information on the fields of study reported in the affected tables.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 45. Other social sciences degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	20,045	11,922	8,123	3,134	2,206	928	625	535	90
1967	21,486	12,540	8,946	3,682	2,677	1,005	808	695	113
1968	24,796	14,208	10,588	4,205	2,912	1,293	937	800	137
1969	29,813	16,738	13,075	4,826	3,310	1,516	1,121	974	147
1970	33,870	19,250	14,620	5,172	3,368	1,804	1,361	1,181	180
1971	36,045	20,182	15,863	5,809	3,759	2,050	1,719	1,456	263
1972	38,202	21,554	16,648	6,138	3,969	2,169	1,761	1,490	271
1973	37,843	21,368	16,475	6,357	4,196	2,161	1,888	1,546	342
1974	35,998	20,117	15,881	6,816	4,324	2,492	1,875	1,476	399
1975	32,193	17,835	14,358	7,078	4,347	2,731	1,935	1,503	432
1976	30,399	16,869	13,530	6,664	3,949	2,715	1,257	882	375
1977	28,085	15,170	12,915	6,534	3,777	2,757	1,143	803	340
1978	28,005	15,191	12,814	6,478	3,895	2,583	1,192	787	405
1979	26,903	14,161	12,742	5,357	2,995	2,362	1,136	729	407
1980	24,038	11,896	12,142	5,174	2,836	2,338	1,115	698	417
1981	22,860	11,108	11,752	5,035	2,680	2,355	1,139	725	414
1982	22,183	10,509	11,674	4,895	2,682	2,213	1,117	685	432
1983	19,198	8,959	10,239	4,411	2,266	2,145	1,175	681	494
1984	17,594	8,233	9,361	4,278	2,164	2,114	1,087	626	461
1985	17,180	7,989	9,191	4,090	2,034	2,056	1,131	656	475
1986	17,252	8,281	8,971	4,079	1,973	2,106	1,155	630	525
1987	18,103	8,504	9,599	3,936	1,964	1,972	1,134	629	505
1988	18,808	8,832	9,976	4,013	2,002	2,011	1,145	620	525
1989	19,843	9,263	10,580	4,167	2,031	2,136	1,126	612	514
1990	22,152	10,294	11,858	4,620	2,256	2,364	1,162	629	533
1991	24,021	10,945	13,076	4,819	2,311	2,508	1,297	634	655
1992	26,299	11,713	14,586	4,975	2,315	2,660	1,260	649	600
1993	27,418	12,263	15,155	5,176	2,420	2,756	1,365	669	687
1994	28,482	12,828	15,654	5,700	2,623	3,077	1,346	697	642
1995	28,676	12,938	15,738	5,829	2,625	3,204	1,292	655	633
1996	29,796	13,059	16,737	5,840	2,638	3,202	1,381	760	620
1997	30,792	13,449	17,343	5,869	2,507	3,362	1,395	671	710
1998	31,024	13,134	17,890	5,964	2,593	3,371	1,390	675	704
1999	NA	NA	NA	NA	NA	NA	1,428	696	724
2000	32,030	13,260	18,770	5,807	2,439	3,368	1,466	706	760
2001	32,099	12,860	19,239	5,895	2,384	3,511	1,449	664	785
2002	33,423	13,228	20,195	5,704	2,351	3,353	1,501	723	777
2003	35,875	14,230	21,645	5,712	2,236	3,476	1,467	667	800
2004	38,283	15,191	23,092	6,714	2,646	4,068	1,543	717	826
2005	39,315	15,689	23,626	6,990	2,776	4,214	1,432	679	751
2006	41,277	16,523	24,754	7,674	3,027	4,647	1,556	716	839
2007	42,252	16,760	25,492	7,181	2,807	4,374	1,637	724	912
2008	44,592	17,665	26,927	7,408	2,974	4,434	1,775	759	1,016
2009	46,395	18,225	28,170	8,058	3,239	4,819	1,796	780	1,016
2010	47,332	18,542	28,790	8,704	3,458	5,246	1,777	805	972
2011	52,802	20,078	32,724	8,792	3,547	5,245	1,980	835	1,144
2012	56,507	21,023	35,484	9,297	3,898	5,399	2,000	865	1,135

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. For 1998 and later years, counts of bachelor's and master's degrees in this field include degrees in demography and population studies. For 1997 and earlier years, counts of bachelor's and master's degrees awarded in demography and population studies are included in sociology degrees. See appendix A for more information on the fields of study reported in the affected tables.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 46. Engineering degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	35,826	35,680	146	13,705	13,629	76	2,301	2,293	8
1967	36,197	36,013	184	13,921	13,843	78	2,604	2,595	9
1968	37,680	37,464	216	15,232	15,133	99	2,855	2,843	12
1969	41,582	41,270	312	15,248	15,135	113	3,266	3,256	10
1970	44,770	44,433	337	15,597	15,428	169	3,435	3,420	15
1971	45,248	44,887	361	16,367	16,181	186	3,498	3,483	15
1972	45,711	45,219	492	16,764	16,493	271	3,503	3,481	22
1973	46,779	46,203	576	16,545	16,267	278	3,364	3,318	46
1974	43,248	42,550	698	15,205	14,858	347	3,147	3,114	33
1975	39,824	38,979	845	15,167	14,795	372	3,002	2,950	52
1976	38,790	37,473	1,317	16,045	15,477	568	2,834	2,780	54
1977	41,357	39,313	2,044	16,012	15,314	698	2,643	2,569	74
1978	47,251	43,769	3,482	16,080	15,237	843	2,423	2,370	53
1979	53,469	48,588	4,881	15,279	14,342	937	2,491	2,429	62
1980	58,810	52,858	5,952	15,943	14,820	1,123	2,479	2,389	90
1981	63,717	56,654	7,063	16,451	15,122	1,329	2,528	2,429	99
1982	67,460	59,185	8,275	17,557	15,982	1,575	2,646	2,522	124
1983	72,670	63,018	9,652	18,886	17,131	1,755	2,781	2,657	124
1984	76,153	65,424	10,729	20,145	18,045	2,100	2,912	2,761	151
1985	77,572	66,326	11,246	20,972	18,728	2,244	3,166	2,968	198
1986	76,820	65,682	11,138	21,096	18,696	2,400	3,375	3,150	225
1987	74,425	63,021	11,404	22,070	19,300	2,770	3,712	3,470	242
1988	70,154	59,375	10,779	22,726	19,918	2,808	4,186	3,900	286
1989	66,947	56,759	10,188	23,743	20,661	3,082	4,542	4,167	375
1990	64,705	54,732	9,973	23,995	20,726	3,269	4,894	4,479	415
1991	62,187	52,522	9,665	24,013	20,656	3,357	5,213	4,702	467
1992	61,941	52,305	9,636	25,018	21,349	3,669	5,438	4,861	507
1993	62,705	52,724	9,981	27,664	23,570	4,094	5,698	5,098	523
1994	63,012	52,609	10,403	28,717	24,294	4,423	5,819	5,152	635
1995	63,371	52,421	10,950	28,630	23,998	4,632	6,008	5,271	696
1996	63,114	51,798	11,316	27,761	23,009	4,752	6,308	5,492	777
1997	62,352	50,882	11,470	25,874	21,179	4,695	6,114	5,316	750
1998	60,914	49,575	11,339	26,138	20,975	5,163	5,922	5,111	773
1999	NA	NA	NA	NA	NA	NA	5,330	4,505	789
2000	59,487	47,281	12,206	25,738	20,396	5,342	5,323	4,459	838
2001	59,214	47,302	11,912	26,436	20,819	5,617	5,511	4,572	929
2002	60,605	47,923	12,682	26,180	20,617	5,563	5,083	4,177	894
2003	63,789	50,809	12,980	29,472	23,301	6,171	5,281	4,370	911
2004	64,680	51,417	13,263	33,922	26,774	7,148	5,776	4,755	1,021
2005	66,152	52,949	13,203	33,899	26,287	7,612	6,427	5,227	1,182
2006	68,227	54,889	13,338	32,263	24,784	7,479	7,186	5,729	1,452
2007	68,274	55,621	12,653	30,936	23,957	6,979	7,749	6,141	1,605
2008	69,908	56,987	12,921	33,177	25,540	7,637	7,864	6,168	1,693
2009	70,600	57,850	12,750	36,510	28,271	8,239	7,643	6,006	1,632
2010	74,399	60,706	13,693	37,614	29,212	8,402	7,548	5,804	1,741
2011	78,099	63,441	14,658	41,282	31,943	9,339	7,985	6,203	1,774
2012	83,263	67,282	15,981	43,150	33,254	9,896	8,427	6,527	1,883

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study. For data on engineering technology degrees, see table 55.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 47. Aeronautical and astronautical engineering degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	1,683	1,678	5	798	792	6	109	109	0
1967	1,914	1,900	14	802	800	2	142	142	0
1968	2,072	2,060	12	841	835	6	166	165	1
1969	2,625	2,606	19	835	828	7	197	197	0
1970	2,756	2,736	20	749	746	3	204	202	2
1971	2,443	2,426	17	717	711	6	198	195	3
1972	2,180	2,160	20	687	680	7	181	181	0
1973	1,738	1,720	18	563	561	2	167	165	2
1974	1,210	1,192	18	557	548	9	148	145	3
1975	1,174	1,150	24	477	470	7	141	139	2
1976	1,009	980	29	479	469	10	122	122	0
1977	1,078	1,050	28	385	377	8	115	112	3
1978	1,186	1,125	61	411	400	11	103	102	1
1979	1,386	1,320	66	372	355	17	81	81	0
1980	1,424	1,342	82	382	373	9	81	80	1
1981	1,809	1,680	129	408	388	20	97	97	0
1982	2,120	1,949	171	521	482	39	86	85	1
1983	2,127	1,955	172	491	454	37	106	104	2
1984	2,534	2,359	175	562	535	27	119	117	2
1985	2,854	2,613	241	605	574	31	124	119	5
1986	2,902	2,654	248	621	578	43	118	117	1
1987	2,989	2,741	248	737	682	55	142	132	10
1988	3,092	2,794	298	797	734	63	150	141	9
1989	2,944	2,643	301	855	791	64	178	170	8
1990	3,048	2,705	343	1,029	947	82	192	188	4
1991	2,869	2,545	324	941	855	86	206	197	7
1992	2,996	2,658	338	933	850	83	234	217	9
1993	2,735	2,419	316	1,047	941	106	228	218	8
1994	2,330	2,035	295	1,038	938	100	230	219	11
1995	1,771	1,541	230	821	722	99	252	237	14
1996	1,642	1,395	247	774	682	92	287	262	24
1997	1,290	1,088	202	625	550	75	274	255	16
1998	1,247	1,050	197	584	503	81	241	225	15
1999	NA	NA	NA	NA	NA	NA	206	188	17
2000	1,267	1,029	238	560	484	76	214	191	21
2001	1,498	1,194	304	611	521	90	202	174	27
2002	1,747	1,435	312	682	557	125	209	185	24
2003	2,017	1,633	384	702	596	106	200	173	27
2004	2,318	1,905	413	870	721	149	201	177	24
2005	2,384	1,980	404	935	771	164	219	190	29
2006	2,753	2,252	501	936	781	155	238	212	25
2007	2,828	2,376	452	912	742	170	267	236	31
2008	2,934	2,493	441	1,036	864	172	266	238	28
2009	3,037	2,600	437	1,075	906	169	297	255	41
2010	3,207	2,744	463	1,098	941	157	252	215	37
2011	3,342	2,903	439	1,306	1,110	196	261	227	34
2012	3,545	3,082	463	1,408	1,217	191	307	268	39

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study. Values for years prior to 2008 will differ from previously published reports due to a change in the specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 48. Chemical engineering degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	2,981	2,958	23	1,072	1,065	7	367	365	2
1967	2,997	2,969	28	1,028	1,021	7	327	324	3
1968	3,395	3,365	30	1,251	1,237	14	368	365	3
1969	3,768	3,715	53	1,227	1,216	11	411	408	3
1970	3,995	3,938	57	1,127	1,109	18	445	443	2
1971	3,907	3,843	64	1,200	1,173	27	391	388	3
1972	3,967	3,887	80	1,259	1,230	29	385	383	2
1973	3,968	3,874	94	1,139	1,117	22	408	404	4
1974	3,826	3,706	120	1,111	1,080	31	388	380	8
1975	3,420	3,273	147	1,078	1,051	27	370	366	4
1976	3,543	3,254	289	1,129	1,088	41	314	307	7
1977	3,986	3,534	452	1,179	1,110	69	306	297	9
1978	5,205	4,453	752	1,335	1,245	90	261	256	5
1979	6,442	5,387	1,055	1,276	1,156	120	287	279	8
1980	7,276	5,989	1,287	1,393	1,249	144	285	271	14
1981	7,639	6,274	1,365	1,406	1,230	176	296	285	11
1982	8,059	6,447	1,612	1,409	1,222	187	306	289	17
1983	8,550	6,761	1,789	1,545	1,369	176	349	327	22
1984	9,192	7,115	2,077	1,798	1,590	208	361	336	25
1985	8,941	6,848	2,093	1,814	1,529	285	440	405	35
1986	7,411	5,805	1,606	1,641	1,401	240	476	423	53
1987	6,114	4,574	1,540	1,386	1,143	243	527	471	56
1988	4,654	3,522	1,132	1,322	1,107	215	623	563	60
1989	4,187	3,017	1,170	1,321	1,092	229	625	551	74
1990	3,834	2,745	1,089	1,205	1,013	192	561	490	71
1991	3,728	2,564	1,164	1,025	852	173	621	543	75
1992	4,123	2,854	1,269	1,145	914	231	607	503	101
1993	4,899	3,335	1,564	1,220	996	224	624	537	83
1994	5,636	3,953	1,683	1,287	1,008	279	630	527	101
1995	6,391	4,367	2,024	1,369	1,063	306	602	505	96
1996	6,708	4,537	2,171	1,416	1,110	306	681	553	126
1997	6,977	4,701	2,276	1,345	1,013	332	662	552	106
1998	6,721	4,525	2,196	1,372	1,028	344	670	545	119
1999	NA	NA	NA	NA	NA	NA	576	474	101
2000	5,922	3,782	2,140	1,092	789	303	619	486	131
2001	5,699	3,702	1,997	1,095	787	308	636	478	156
2002	5,564	3,510	2,054	984	692	292	607	457	150
2003	5,222	3,263	1,959	1,073	762	311	568	427	141
2004	4,832	3,071	1,761	1,172	812	360	638	488	150
2005	4,487	2,781	1,706	1,188	815	373	774	590	183
2006	4,455	2,850	1,605	1,124	799	325	799	583	216
2007	4,571	2,914	1,657	959	637	322	817	620	197
2008	4,919	3,189	1,730	937	624	313	873	641	232
2009	5,137	3,332	1,805	996	653	343	807	591	216
2010	5,838	3,824	2,014	1,051	700	351	822	574	248
2011	6,416	4,288	2,128	1,284	878	406	823	566	256
2012	7,176	4,821	2,355	1,395	888	507	840	583	256

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. Counts of doctorates in this field of study include chemical engineering degrees only. Counts of bachelor's and master's degrees in this field include degrees in polymer and plastics engineering and petroleum engineering through 1997. For 1998 and later years, counts of bachelor's and master's degrees are of chemical engineering degrees only, and degrees awarded in polymer and plastics engineering and petroleum engineering are counted in Other engineering. See appendix A for more information on the fields of study reported among the affected tables.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 49. Civil engineering degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	5,611	5,588	23	2,218	2,209	9	237	237	0
1967	5,439	5,411	28	2,225	2,204	21	270	269	1
1968	5,796	5,765	31	2,435	2,418	17	301	301	0
1969	6,282	6,235	47	2,426	2,406	20	309	309	0
1970	6,800	6,747	53	2,503	2,473	30	312	311	1
1971	6,939	6,879	60	2,700	2,656	44	379	378	1
1972	7,258	7,181	77	2,869	2,821	48	362	361	1
1973	8,013	7,924	89	3,195	3,135	60	357	351	6
1974	8,633	8,488	145	3,247	3,164	83	324	321	3
1975	8,289	8,116	173	3,268	3,161	107	290	287	3
1976	8,493	8,214	279	3,605	3,454	151	314	310	4
1977	8,898	8,413	485	3,606	3,421	185	269	262	7
1978	9,900	9,141	759	3,226	3,030	196	236	230	6
1979	10,583	9,534	1,049	3,165	2,951	214	236	234	2
1980	11,046	9,959	1,087	3,198	2,933	265	240	234	6
1981	11,331	10,100	1,231	3,428	3,112	316	287	281	6
1982	11,280	9,962	1,318	3,456	3,104	352	308	296	12
1983	10,747	9,263	1,484	3,504	3,122	382	354	342	12
1984	10,351	8,928	1,423	3,551	3,136	415	351	332	19
1985	9,730	8,388	1,342	3,542	3,128	414	358	340	18
1986	9,223	7,994	1,229	3,281	2,908	373	387	368	19
1987	8,746	7,550	1,196	3,267	2,792	475	441	424	17
1988	8,131	6,960	1,171	3,134	2,721	413	488	463	25
1989	8,015	6,841	1,174	3,296	2,851	445	498	453	45
1990	7,992	6,730	1,262	3,213	2,693	520	505	466	39
1991	8,083	6,803	1,280	3,404	2,864	540	509	476	31
1992	8,920	7,395	1,525	3,755	3,120	635	540	496	36
1993	9,788	8,009	1,779	4,438	3,607	831	563	508	45
1994	10,603	8,619	1,984	4,918	3,965	953	601	542	56
1995	11,329	9,031	2,298	5,168	4,123	1,045	572	512	55
1996	12,053	9,629	2,424	5,002	3,938	1,064	600	533	64
1997	12,010	9,441	2,569	4,880	3,781	1,099	592	518	70
1998	11,522	8,946	2,576	4,736	3,582	1,154	587	498	83
1999	NA	NA	NA	NA	NA	NA	506	430	76
2000	8,341	6,418	1,923	3,452	2,613	839	480	402	78
2001	7,854	6,155	1,699	3,330	2,531	799	501	418	82
2002	7,916	6,023	1,893	3,319	2,479	840	540	442	97
2003	8,107	6,247	1,860	3,614	2,699	915	552	465	87
2004	8,078	6,183	1,895	3,807	2,846	961	547	461	86
2005	8,458	6,506	1,952	3,863	2,862	1,001	622	503	118
2006	9,324	7,279	2,045	3,791	2,734	1,057	655	538	117
2007	9,929	7,801	2,128	3,505	2,580	925	703	538	165
2008	10,675	8,356	2,319	3,614	2,647	967	713	568	145
2009	11,041	8,787	2,254	3,833	2,797	1,036	707	559	148
2010	11,607	9,230	2,377	4,122	3,032	1,090	643	473	169
2011	12,816	10,095	2,721	4,892	3,628	1,264	634	486	147
2012	12,990	10,259	2,731	5,385	3,963	1,422	496	389	106

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. Counts of doctorates in this field of study include civil engineering degrees only. Counts of bachelor's and master's degrees in this field include degrees in environmental health engineering through 1997. For 1998 and later years, counts of bachelor's and master's degrees are of civil engineering degrees only, and degrees awarded in environmental health engineering are counted in Other engineering. See appendix A for more information on the fields of study reported among the affected tables.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 50. Electrical engineering degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	11,007	10,978	29	3,872	3,850	22	569	567	2
1967	10,843	10,801	42	3,953	3,942	11	675	675	0
1968	10,725	10,682	43	4,226	4,204	22	741	741	0
1969	11,695	11,629	66	4,033	4,011	22	829	826	3
1970	12,288	12,220	68	4,138	4,109	29	857	854	3
1971	12,288	12,212	76	4,282	4,252	30	862	858	4
1972	12,181	12,099	82	4,209	4,157	52	815	810	5
1973	12,377	12,219	158	3,899	3,850	49	787	780	7
1974	11,419	11,302	117	3,499	3,444	55	678	675	3
1975	10,246	10,116	130	3,471	3,413	58	612	603	9
1976	9,874	9,681	193	3,774	3,670	104	592	585	7
1977	10,018	9,750	268	3,788	3,654	134	544	532	12
1978	11,213	10,778	435	3,742	3,600	142	463	451	12
1979	12,440	11,781	659	3,596	3,453	143	533	525	8
1980	13,902	13,000	902	3,842	3,658	184	478	466	12
1981	15,040	13,940	1,100	3,902	3,681	221	478	464	14
1982	16,553	15,142	1,411	4,465	4,177	288	544	525	19
1983	19,205	17,283	1,922	4,819	4,484	335	517	510	7
1984	21,541	19,252	2,289	5,519	5,081	438	593	579	14
1985	23,668	20,936	2,732	5,649	5,154	495	631	603	28
1986	26,112	22,885	3,227	6,147	5,508	639	705	672	33
1987	26,791	23,227	3,564	6,895	6,178	717	691	661	30
1988	25,942	22,418	3,524	7,455	6,642	813	886	848	38
1989	24,318	21,130	3,188	7,849	6,933	916	994	940	54
1990	23,015	20,148	2,867	8,009	7,018	991	1,110	1,039	71
1991	21,520	18,757	2,763	7,942	7,008	934	1,206	1,125	68
1992	20,256	17,801	2,455	8,274	7,229	1,045	1,278	1,163	101
1993	19,598	17,339	2,259	8,828	7,777	1,051	1,354	1,232	108
1994	18,241	15,990	2,251	8,870	7,721	1,149	1,438	1,311	118
1995	17,579	15,409	2,170	8,743	7,539	1,204	1,513	1,350	150
1996	16,667	14,695	1,972	8,156	6,960	1,196	1,501	1,344	144
1997	16,434	14,416	2,018	7,341	6,197	1,144	1,460	1,324	126
1998	16,322	14,310	2,012	7,971	6,595	1,376	1,345	1,207	128
1999	NA	NA	NA	NA	NA	NA	1,236	1,108	117
2000	13,132	11,340	1,792	6,936	5,760	1,176	1,330	1,163	157
2001	13,313	11,411	1,902	6,824	5,638	1,186	1,346	1,186	159
2002	13,338	11,346	1,992	6,591	5,435	1,156	1,213	1,064	143
2003	13,874	11,854	2,020	7,635	6,324	1,311	1,238	1,091	147
2004	14,436	12,286	2,150	9,536	7,777	1,759	1,388	1,194	194
2005	14,442	12,421	2,021	9,071	7,272	1,799	1,547	1,338	205
2006	14,237	12,274	1,963	8,151	6,530	1,621	1,786	1,535	250
2007	13,385	11,770	1,615	7,795	6,319	1,476	1,967	1,662	304
2008	12,634	11,131	1,503	8,657	6,932	1,725	1,888	1,568	319
2009	11,883	10,595	1,288	9,204	7,479	1,725	1,693	1,433	260
2010	11,693	10,357	1,336	9,086	7,380	1,706	1,778	1,462	315
2011	11,779	10,446	1,333	9,714	7,919	1,795	1,886	1,579	301
2012	12,355	10,876	1,479	9,727	7,871	1,856	1,943	1,598	337

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. Counts of doctorates in this field of study include electrical engineering degrees only. Counts of bachelor's and master's degrees in this field include degrees in communications engineering and computer engineering through 1997. For 1998 and later years, counts of bachelor's and master's degrees are of electrical engineering degrees only, and degrees awarded in communications engineering and computer engineering are counted in Other engineering. See appendix A for more information on the fields of study reported among the affected tables.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 51. Industrial and manufacturing engineering degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	2,335	2,325	10	1,200	1,194	6	46	46	0
1967	2,366	2,357	9	1,341	1,331	10	61	59	2
1968	2,727	2,712	15	1,512	1,503	9	74	73	1
1969	3,000	2,984	16	1,453	1,445	8	111	110	1
1970	3,199	3,178	21	1,763	1,746	17	117	117	0
1971	3,210	3,190	20	1,921	1,898	23	134	132	2
1972	3,713	3,673	40	1,731	1,706	25	142	142	0
1973	3,508	3,477	31	1,595	1,566	29	109	107	2
1974	2,921	2,877	44	1,734	1,689	45	92	91	1
1975	2,583	2,524	59	1,687	1,631	56	92	90	2
1976	2,241	2,154	87	1,751	1,670	81	67	65	2
1977	2,264	2,115	149	1,609	1,534	75	73	68	5
1978	2,712	2,389	323	1,722	1,584	138	51	49	2
1979	2,804	2,376	428	1,502	1,374	128	82	77	5
1980	3,217	2,672	545	1,313	1,180	133	77	70	7
1981	3,878	3,111	767	1,631	1,465	166	66	60	6
1982	4,044	3,092	952	1,656	1,446	210	79	73	6
1983	3,824	2,824	1,000	1,432	1,226	206	86	80	6
1984	4,020	2,949	1,071	1,557	1,279	278	84	68	16
1985	4,009	2,842	1,167	1,463	1,236	227	92	86	6
1986	4,255	2,974	1,281	1,653	1,374	279	101	87	14
1987	4,313	2,929	1,384	1,728	1,409	319	120	107	13
1988	4,259	3,014	1,245	1,816	1,492	324	127	108	19
1989	4,121	2,860	1,261	1,823	1,465	358	162	144	18
1990	4,041	2,835	1,206	1,834	1,493	341	151	126	25
1991	3,820	2,723	1,097	2,039	1,603	436	165	146	17
1992	4,029	2,890	1,139	2,370	1,898	472	196	169	25
1993	3,584	2,547	1,037	2,745	2,190	555	236	207	27
1994	3,453	2,439	1,014	2,882	2,346	536	228	195	33
1995	3,519	2,493	1,026	2,873	2,361	512	284	231	50
1996	3,727	2,630	1,097	3,027	2,403	624	259	208	51
1997	3,997	2,918	1,079	2,935	2,331	604	245	204	40
1998	3,988	2,968	1,020	3,109	2,433	676	229	188	40
1999	NA	NA	NA	NA	NA	NA	211	169	42
2000	3,937	2,630	1,307	3,048	2,400	648	176	140	35
2001	3,812	2,589	1,223	3,375	2,591	784	207	161	45
2002	3,977	2,636	1,341	3,375	2,583	792	230	162	68
2003	3,937	2,625	1,312	3,842	2,999	843	214	159	55
2004	3,808	2,543	1,265	4,247	3,341	906	217	174	43
2005	3,936	2,666	1,270	3,937	3,018	919	221	177	41
2006	3,890	2,716	1,174	3,558	2,640	918	234	167	67
2007	3,529	2,473	1,056	3,505	2,628	877	279	201	78
2008	3,566	2,557	1,009	3,659	2,734	925	280	201	79
2009	3,879	2,823	1,056	4,313	3,247	1,066	251	186	65
2010	4,174	3,041	1,133	4,856	3,676	1,180	215	159	55
2011	4,283	3,121	1,162	5,076	3,731	1,345	258	180	78
2012	4,672	3,399	1,273	5,345	3,906	1,439	227	165	62

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. See appendix B for specific fields that are included in this field of study. Values for years prior to 2008 will differ from previously published reports due to a change in the specific fields that are included in this field of study.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 52. Materials science engineering degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	792	785	7	400	397	3	NA	NA	NA
1967	836	828	8	444	443	1	NA	NA	NA
1968	881	863	18	460	458	2	NA	NA	NA
1969	952	942	10	441	435	6	22	22	0
1970	977	967	10	429	423	6	35	35	0
1971	916	903	13	480	472	8	52	52	0
1972	909	893	16	524	513	11	88	88	0
1973	885	870	15	582	569	13	132	129	3
1974	821	789	32	521	508	13	116	116	0
1975	711	676	35	500	483	17	132	127	5
1976	704	661	43	475	447	28	117	111	6
1977	738	679	59	504	481	23	125	119	6
1978	835	728	107	506	468	38	125	122	3
1979	1,045	862	183	529	475	54	126	119	7
1980	1,303	1,076	227	598	539	59	143	138	5
1981	1,434	1,164	270	666	587	79	113	102	11
1982	1,696	1,372	324	632	560	72	147	134	13
1983	1,392	1,104	288	672	567	105	157	135	22
1984	1,355	1,033	322	726	605	121	168	151	17
1985	1,276	990	286	713	600	113	188	165	23
1986	1,259	924	335	810	673	137	187	169	18
1987	1,152	854	298	765	600	165	238	202	36
1988	1,211	891	320	749	597	152	252	227	25
1989	1,114	853	261	815	634	181	257	222	35
1990	1,166	895	271	802	650	152	307	276	31
1991	1,166	912	254	787	607	180	361	302	59
1992	1,091	846	245	796	653	143	365	313	50
1993	1,216	956	260	849	682	167	416	345	67
1994	1,106	866	240	910	723	187	433	361	69
1995	1,046	799	247	852	668	184	476	389	84
1996	1,004	781	223	774	599	175	472	395	72
1997	1,063	804	259	724	550	174	483	384	96
1998	1,007	772	235	698	528	170	482	404	75
1999	NA	NA	NA	NA	NA	NA	393	315	75
2000	621	434	187	633	458	175	404	330	73
2001	615	426	189	581	438	143	448	349	99
2002	599	402	197	531	388	143	364	286	78
2003	675	471	204	612	456	156	438	339	99
2004	674	459	215	726	540	186	474	389	85
2005	758	515	243	704	520	184	493	380	112
2006	814	592	222	683	504	179	583	430	152
2007	800	586	214	715	520	195	646	482	164
2008	916	702	214	699	496	203	636	482	154
2009	901	677	224	776	549	227	625	466	159

TABLE 52. Materials science engineering degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
2010	985	743	242	767	552	215	670	495	175
2011	973	697	276	841	612	229	662	496	166
2012	1,132	818	314	942	631	311	743	556	184

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Materials science engineering first appeared as a field of study in the Survey of Earned Doctorates in 1969. Detail may not sum to total because of missing information on sex for some recipients. Counts of doctorates in this field of study include materials science engineering degrees only. Counts of bachelor's and master's degrees in this field include degrees in ceramic sciences engineering and metallurgical engineering through 1997. For 1998 and later years, counts of bachelor's and master's degrees are of materials science engineering degrees only, and degrees awarded in ceramic sciences engineering and metallurgical engineering are counted in Other engineering. See appendix A for more information on the fields of study reported among the affected tables.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 53. Mechanical engineering degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	7,811	7,792	19	2,154	2,147	7	271	271	0
1967	7,890	7,870	20	2,176	2,169	7	316	315	1
1968	7,930	7,898	32	2,136	2,130	6	369	369	0
1969	8,514	8,474	40	2,299	2,295	4	403	403	0
1970	9,310	9,271	39	2,298	2,286	12	400	399	1
1971	9,177	9,134	43	2,502	2,495	7	398	398	0
1972	8,784	8,735	49	2,552	2,527	25	408	406	2
1973	8,795	8,732	63	2,396	2,374	22	364	361	3
1974	7,883	7,817	66	2,058	2,031	27	377	372	5
1975	7,089	7,005	84	2,032	2,012	20	325	323	2
1976	6,984	6,834	150	2,088	2,056	32	304	301	3
1977	7,927	7,685	242	2,094	2,039	55	270	267	3
1978	9,100	8,628	472	2,095	2,029	66	282	280	2
1979	10,360	9,740	620	2,012	1,939	73	281	277	4
1980	12,020	11,127	893	2,194	2,087	107	293	289	4
1981	13,573	12,422	1,151	2,419	2,292	127	282	277	5
1982	14,315	13,049	1,266	2,539	2,388	151	334	322	12
1983	16,031	14,546	1,485	2,683	2,517	166	311	305	6
1984	17,040	15,228	1,812	2,964	2,765	199	336	330	6
1985	17,200	15,399	1,801	3,272	3,044	228	424	402	22
1986	16,586	14,876	1,710	3,256	3,002	254	442	428	14
1987	15,723	13,996	1,727	3,380	3,133	247	544	530	14
1988	15,331	13,567	1,764	3,513	3,218	295	610	584	26
1989	15,217	13,537	1,680	3,703	3,377	326	650	628	22
1990	14,693	12,978	1,715	3,630	3,276	354	773	744	29
1991	14,263	12,673	1,590	3,680	3,320	360	762	704	50
1992	14,352	12,791	1,561	3,826	3,455	371	855	815	33
1993	14,708	13,076	1,632	4,169	3,769	400	902	840	46
1994	15,297	13,554	1,743	4,277	3,860	417	883	818	60
1995	15,141	13,441	1,700	4,368	3,918	450	917	854	56
1996	14,509	12,773	1,736	4,009	3,555	454	947	871	68
1997	13,806	12,171	1,635	3,756	3,337	419	929	842	82
1998	13,363	11,727	1,636	3,551	3,090	461	936	850	80
1999	NA	NA	NA	NA	NA	NA	786	695	85
2000	13,021	11,259	1,762	3,279	2,838	441	807	717	89
2001	13,032	11,317	1,715	3,383	2,950	433	878	790	86
2002	13,222	11,470	1,752	3,395	2,945	450	771	681	88
2003	13,902	12,067	1,835	3,712	3,271	441	752	674	78
2004	14,229	12,294	1,935	4,436	3,889	547	754	670	84
2005	14,811	12,873	1,938	4,647	4,063	584	892	778	114
2006	16,048	13,961	2,087	4,454	3,832	622	1,045	901	144
2007	16,809	14,813	1,996	4,303	3,729	574	1,071	940	131
2008	17,586	15,513	2,073	4,508	3,854	654	1,082	930	152
2009	17,551	15,592	1,959	4,633	3,941	692	1,095	942	152
2010	18,779	16,634	2,145	4,837	4,152	685	983	858	125
2011	19,388	17,197	2,191	5,817	5,047	770	1,084	934	150
2012	20,782	18,259	2,523	5,858	5,118	740	1,221	1,042	178

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. Counts of doctorates in this field of study include mechanical engineering degrees only. Counts of bachelor's and master's degrees in this field include degrees in engineering mechanics through 1997. For 1998 and later years, counts of bachelor's and master's degrees are of mechanical engineering degrees only, and degrees awarded in engineering mechanics are counted in Other engineering. See appendix A for more information on the fields of study reported among the affected tables.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 54. Other engineering degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	3,606	3,576	30	1,991	1,975	16	702	698	4
1967	3,912	3,877	35	1,952	1,933	19	813	811	2
1968	4,154	4,119	35	2,371	2,348	23	836	829	7
1969	4,746	4,685	61	2,534	2,499	35	984	981	3
1970	5,445	5,376	69	2,590	2,536	54	1,065	1,059	6
1971	6,368	6,300	68	2,565	2,524	41	1,084	1,082	2
1972	6,719	6,591	128	2,933	2,859	74	1,122	1,110	12
1973	7,495	7,387	108	3,176	3,095	81	1,040	1,021	19
1974	6,535	6,379	156	2,478	2,394	84	1,024	1,014	10
1975	6,312	6,119	193	2,654	2,574	80	1,040	1,015	25
1976	5,942	5,695	247	2,744	2,623	121	1,004	979	25
1977	6,448	6,087	361	2,847	2,698	149	941	912	29
1978	7,100	6,527	573	3,043	2,881	162	902	880	22
1979	8,409	7,588	821	2,827	2,639	188	865	837	28
1980	8,622	7,693	929	3,023	2,801	222	882	841	41
1981	9,013	7,963	1,050	2,591	2,367	224	909	863	46
1982	9,393	8,172	1,221	2,879	2,603	276	842	798	44
1983	10,794	9,282	1,512	3,740	3,392	348	901	854	47
1984	10,120	8,560	1,560	3,468	3,054	414	900	848	52
1985	9,894	8,310	1,584	3,914	3,463	451	909	848	61
1986	9,072	7,570	1,502	3,687	3,252	435	959	886	73
1987	8,597	7,150	1,447	3,912	3,363	549	1,009	943	66
1988	7,534	6,209	1,325	3,940	3,407	533	1,050	966	84
1989	7,031	5,878	1,153	4,081	3,518	563	1,178	1,059	119
1990	6,916	5,696	1,220	4,273	3,636	637	1,295	1,150	145
1991	6,738	5,545	1,193	4,195	3,547	648	1,383	1,209	160
1992	6,174	5,070	1,104	3,919	3,230	689	1,363	1,185	152
1993	6,177	5,043	1,134	4,368	3,608	760	1,375	1,211	139
1994	6,346	5,153	1,193	4,535	3,733	802	1,376	1,179	187
1995	6,595	5,340	1,255	4,436	3,604	832	1,392	1,193	191
1996	6,804	5,358	1,446	4,603	3,762	841	1,561	1,326	228
1997	6,775	5,343	1,432	4,268	3,420	848	1,469	1,237	214
1998	6,744	5,277	1,467	4,117	3,216	901	1,432	1,194	233
1999	NA	NA	NA	NA	NA	NA	1,416	1,126	276
2000	13,246	10,389	2,857	6,738	5,054	1,684	1,293	1,030	254
2001	13,391	10,508	2,883	7,237	5,363	1,874	1,293	1,016	275
2002	14,242	11,101	3,141	7,303	5,538	1,765	1,149	900	246
2003	16,055	12,649	3,406	8,282	6,194	2,088	1,319	1,042	277
2004	16,305	12,676	3,629	9,128	6,848	2,280	1,557	1,202	355
2005	16,876	13,207	3,669	9,554	6,966	2,588	1,659	1,271	380
2006	16,706	12,965	3,741	9,566	6,964	2,602	1,846	1,363	481
2007	16,423	12,888	3,535	9,242	6,802	2,440	1,999	1,462	535
2008	16,678	13,046	3,632	10,067	7,389	2,678	2,126	1,540	584
2009	17,171	13,444	3,727	11,680	8,699	2,981	2,168	1,574	591

TABLE 54. Other engineering degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
2010	18,116	14,133	3,983	11,797	8,779	3,018	2,185	1,568	617
2011	19,102	14,694	4,408	12,352	9,018	3,334	2,377	1,735	642
2012	20,611	15,768	4,843	13,090	9,660	3,430	2,650	1,926	721

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. For 1998 and later years, counts of bachelor's and master's degrees in this field include degrees in polymer and plastics engineering, petroleum engineering, environmental health engineering, computer engineering, communications engineering, ceramic sciences engineering, metallurgical engineering, and engineering mechanics. For 1997 and earlier years, counts of bachelor's and master's degrees awarded in polymer and plastics engineering and petroleum engineering are included in chemical engineering degrees, degrees awarded in environmental health engineering are included in civil engineering degrees, degrees awarded in computer engineering and communications engineering are included in electrical engineering degrees, degrees awarded in ceramic sciences engineering and metallurgical engineering are included in materials science engineering, and degrees in engineering mechanics are included in mechanical engineering degrees. See appendix A for more information on the fields of study reported in the affected tables.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 55. Engineering technology degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	2,357	2,334	23	44	42	2	11	11	0
1967	2,741	2,714	27	107	106	1	5	5	0
1968	3,173	3,151	22	65	65	0	1	1	0
1969	4,284	4,263	21	156	156	0	32	32	0
1970	5,228	5,175	53	158	151	7	27	26	1
1971	5,626	5,436	190	220	190	30	1	1	0
1972	6,252	6,065	187	394	337	57	21	21	0
1973	5,212	5,061	151	220	177	43	19	19	0
1974	8,302	7,935	367	346	286	60	11	11	0
1975	8,589	8,054	535	371	281	90	5	3	2
1976	9,180	8,656	524	493	424	69	10	9	1
1977	9,864	9,173	691	505	389	116	12	9	3
1978	10,314	9,495	819	579	480	99	15	13	2
1979	10,906	9,942	964	496	371	125	16	14	2
1980	12,180	10,930	1,250	510	424	86	16	14	2
1981	13,567	12,034	1,533	532	380	152	21	19	2
1982	14,778	13,079	1,699	636	486	150	33	25	8
1983	18,602	16,473	2,129	622	519	103	18	15	3
1984	20,181	18,012	2,169	694	580	114	6	5	1
1985	20,476	18,224	2,252	816	674	142	15	13	2
1986	20,900	18,706	2,194	925	710	215	21	14	7
1987	20,577	18,429	2,148	883	678	205	13	10	3
1988	20,447	18,337	2,110	980	738	242	14	12	2
1989	20,098	17,999	2,099	1,135	892	243	18	14	4
1990	19,150	17,113	2,037	1,194	888	306	18	15	3
1991	18,294	16,329	1,965	1,188	888	300	25	20	5
1992	17,118	15,314	1,804	1,278	971	307	14	12	2
1993	17,022	15,114	1,908	1,555	1,172	383	28	21	7
1994	16,703	14,877	1,826	1,547	1,164	383	24	18	6
1995	16,607	14,704	1,903	1,577	1,136	441	19	16	3
1996	16,228	14,382	1,846	1,651	1,179	472	18	16	2
1997	14,631	12,925	1,706	1,414	1,012	402	9	8	1
1998	14,825	12,993	1,832	1,700	1,158	542	14	14	0
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	15,410	13,448	1,962	1,350	902	448	16	11	5
2001	15,366	13,286	2,080	1,384	874	510	21	17	4
2002	15,637	13,480	2,157	1,445	942	503	24	11	13
2003	15,591	13,276	2,315	1,475	1,013	462	16	12	4
2004	15,341	13,195	2,146	1,477	983	494	22	17	5
2005	15,649	13,425	2,224	1,447	995	452	15	8	7
2006	15,327	13,274	2,053	1,481	1,014	467	30	18	12
2007	15,894	13,989	1,905	1,412	995	417	13	11	2
2008	16,164	14,160	2,004	1,698	1,145	553	36	29	7
2009	16,454	14,487	1,967	1,883	1,314	569	29	23	6
2010	16,843	14,788	2,055	2,000	1,427	573	31	21	10
2011	17,790	15,590	2,200	2,235	1,600	635	32	20	12
2012	18,231	16,062	2,169	2,159	1,528	631	81	34	47

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. Engineering technology is defined as instructional programs that prepare individuals to support and assist engineering and related professionals or to provide such services independently. Programs stress specialized, practical knowledge related to the mathematical, scientific, or technical aspects of engineering and related sciences.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 56. Health degrees awarded, by degree level and sex of recipient: 1966–2012

Academic year ending	Bachelor's			Master's			Doctorate		
	All recipients	Male	Female	All recipients	Male	Female	All recipients	Male	Female
1966	18,373	6,709	11,664	2,862	1,615	1,247	174	155	19
1967	19,268	6,898	12,370	3,437	1,789	1,648	177	160	17
1968	20,624	6,986	13,638	3,749	1,879	1,870	196	169	27
1969	22,856	7,349	15,507	4,082	2,023	2,059	297	253	44
1970	24,871	7,878	16,993	4,640	2,216	2,424	414	343	71
1971	21,662	5,297	16,365	5,465	2,419	3,046	541	438	103
1972	24,713	6,394	18,319	6,871	2,993	3,878	467	370	97
1973	29,175	7,022	22,153	7,861	3,314	4,547	486	359	127
1974	35,885	8,314	27,571	9,000	3,476	5,524	476	355	121
1975	42,865	9,672	33,193	9,793	3,633	6,160	462	319	143
1976	47,312	10,200	37,112	11,700	3,839	7,861	503	347	156
1977	50,752	10,691	40,061	11,964	3,751	8,213	511	332	179
1978	52,829	10,329	42,500	13,361	3,863	9,498	512	316	196
1979	55,484	9,890	45,594	14,546	4,076	10,470	568	339	229
1980	57,402	10,140	47,262	14,863	4,036	10,827	586	334	252
1981	57,762	9,466	48,296	15,829	4,059	11,770	657	356	301
1982	57,997	9,105	48,892	15,783	3,754	12,029	686	362	324
1983	55,662	8,365	47,297	14,056	3,230	10,826	639	302	337
1984	55,398	8,153	47,245	14,334	3,173	11,161	722	306	416
1985	55,351	7,892	47,459	14,346	3,139	11,207	729	289	440
1986	56,297	7,923	48,374	15,529	3,469	12,060	769	290	479
1987	55,658	7,479	48,179	15,236	2,979	12,257	800	325	475
1988	53,552	7,333	46,219	15,767	3,180	12,587	882	333	549
1989	52,485	7,392	45,093	16,041	3,233	12,808	974	345	629
1990	52,271	7,675	44,596	16,960	3,491	13,469	956	364	592
1991	52,784	7,995	44,789	17,671	3,393	14,278	1,041	369	668
1992	56,047	8,607	47,440	21,053	4,094	16,959	1,112	394	710
1993	60,699	9,671	51,028	23,646	4,639	19,007	1,197	408	777
1994	67,359	11,049	56,310	25,868	5,192	20,676	1,296	444	843
1995	72,326	12,499	59,827	28,716	6,027	22,689	1,329	477	843
1996	76,267	13,467	62,800	30,990	6,399	24,591	1,324	457	860
1997	77,769	13,940	63,829	33,177	6,882	26,295	1,421	469	936
1998	76,959	13,378	63,581	35,894	7,611	28,283	1,499	490	1,005
1999	NA	NA	NA	NA	NA	NA	1,407	499	900
2000	71,774	11,456	60,318	38,685	8,490	30,195	1,591	522	1,066
2001	67,183	10,779	56,404	39,898	8,795	31,103	1,540	542	989
2002	64,935	9,661	55,274	39,365	8,619	30,746	1,656	528	1,126
2003	63,875	9,171	54,704	37,051	7,959	29,092	1,633	543	1,090
2004	68,192	9,692	58,500	38,962	8,336	30,626	1,718	541	1,177
2005	74,553	10,364	64,189	40,487	8,463	32,024	1,783	563	1,217
2006	85,526	12,565	72,961	44,271	9,169	35,102	1,906	615	1,288
2007	95,435	14,309	81,126	46,802	9,156	37,646	2,143	687	1,452
2008	105,667	16,358	89,309	49,442	9,417	40,025	2,091	662	1,427
2009	114,558	17,912	96,646	53,634	10,269	43,365	2,096	627	1,467
2010	125,988	20,747	105,241	57,393	10,730	46,663	2,112	628	1,484
2011	142,219	24,187	118,032	63,142	11,865	51,277	2,103	655	1,447
2012	162,420	28,314	134,106	69,778	13,043	56,735	2,349	696	1,650

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Detail may not sum to total because of missing information on sex for some recipients. Health fields include chiropractic, dentistry, medicine, optometry, osteopathic medicine, pharmacy, podiatry, and veterinary medicine.

SOURCES: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

TABLE 57. First professional degrees awarded, by sex of recipient: 1966–2012

Academic year ending	All recipients ^a	Male	Female	% female
1966	31,496	30,071	1,425	4.5
1967	32,493	31,064	1,429	4.4
1968	34,728	33,083	1,645	4.7
1969	35,681	34,069	1,612	4.5
1970	35,252	33,344	1,908	5.4
1971	38,276	35,797	2,479	6.5
1972	43,774	41,021	2,753	6.3
1973	50,435	46,827	3,608	7.2
1974	54,278	48,904	5,374	9.9
1975	56,259	49,230	7,029	12.5
1976	63,061	53,210	9,851	15.6
1977	64,780	52,668	12,112	18.7
1978	66,964	52,553	14,411	21.5
1979	69,222	52,909	16,313	23.6
1980	70,526	52,988	17,538	24.9
1981	72,369	53,070	19,299	26.7
1982	72,554	52,551	20,003	27.6
1983	73,569	51,591	21,978	29.9
1984	74,900	51,644	23,256	31.0
1985	75,562	50,780	24,782	32.8
1986	74,581	49,661	24,920	33.4
1987	72,120	46,841	25,279	35.1
1988	71,144	45,716	25,428	35.7
1989	71,318	45,399	25,919	36.3
1990	71,551	44,309	27,242	38.1
1991	72,636	44,226	28,410	39.1
1992	74,801	45,459	29,342	39.2
1993	76,068	45,565	30,503	40.1
1994	76,000	45,068	30,932	40.7
1995	76,457	45,193	31,264	40.9
1996	77,505	45,182	32,323	41.7
1997	79,463	45,944	33,519	42.2
1998	80,021	45,800	34,221	42.8
1999	NA	NA	NA	NA
2000	80,112	44,227	35,885	44.8
2001	80,499	43,198	37,301	46.3
2002	81,491	42,908	38,583	47.3
2003	81,666	42,226	39,440	48.3
2004	83,915	42,573	41,342	49.3
2005	88,172	44,215	43,957	49.9
2006	88,527	44,401	44,126	49.8
2007	90,966	45,434	45,532	50.1
2008	93,028	45,937	47,091	50.6
2009	95,989	47,239	48,750	50.8

TABLE 57. First professional degrees awarded, by sex of recipient: 1966–2012

Academic year ending	All recipients ^a	Male	Female	% female
2010	100,772	47,438	53,334	52.9
2011	104,023	49,296	54,727	52.6
2012	107,886	51,295	56,591	52.5

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

^a Total excludes cases where field of study was not reported.

NOTES: First professional degrees are defined as those that require at least 6 years of college work for completion and 2 years of preprofessional training. First professional degrees include chiropractic, dentistry, medicine, optometry, osteopathic medicine, pharmacy, podiatry, veterinary medicine, law, divinity/ministry, and rabbinical and Talmudic studies.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 58. First professional degrees awarded in health fields, by sex of recipient: 1966–2012

Academic year ending	All recipients	Male	Female	% female
1966	13,291	12,599	692	5.2
1967	13,373	12,639	734	5.5
1968	13,815	12,974	841	6.1
1969	13,759	13,018	741	5.4
1970	14,454	13,578	876	6.1
1971	15,258	14,256	1,002	6.6
1972	15,905	14,864	1,041	6.5
1973	17,355	16,189	1,166	6.7
1974	19,156	17,577	1,579	8.2
1975	20,582	18,475	2,107	10.2
1976	24,787	21,639	3,148	12.7
1977	24,533	20,731	3,802	15.5
1978	25,981	21,286	4,695	18.1
1979	27,228	21,865	5,363	19.7
1980	27,576	21,841	5,735	20.8
1981	28,971	22,456	6,515	22.5
1982	29,494	22,657	6,837	23.2
1983	30,087	22,562	7,525	25.0
1984	30,785	22,452	8,333	27.1
1985	30,601	21,675	8,926	29.2
1986	31,051	21,696	9,355	30.1
1987	29,400	20,011	9,389	31.9
1988	28,833	19,304	9,529	33.0
1989	29,518	19,596	9,922	33.6
1990	28,787	18,562	10,225	35.5
1991	28,183	17,777	10,406	36.9
1992	28,303	17,694	10,609	37.5
1993	29,475	17,704	11,771	39.9
1994	29,680	17,565	12,115	40.8
1995	30,757	17,975	12,782	41.6
1996	31,250	17,927	13,323	42.6
1997	32,151	18,335	13,816	43.0
1998	33,657	18,845	14,812	44.0
1999	NA	NA	NA	NA
2000	35,894	19,318	16,576	46.2
2001	37,022	19,556	17,466	47.2
2002	36,856	18,936	17,920	48.6
2003	36,736	18,589	18,147	49.4
2004	37,844	18,497	19,347	51.1
2005	38,667	18,130	20,537	53.1
2006	38,889	17,823	21,066	54.2
2007	40,948	18,431	22,517	55.0
2008	43,989	19,582	24,407	55.5
2009	46,790	20,594	26,196	56.0

TABLE 58. First professional degrees awarded in health fields, by sex of recipient: 1966–2012

Academic year ending	All recipients	Male	Female	% female
2010	53,266	22,786	30,480	57.2
2011	55,782	24,209	31,573	56.6
2012	57,305	24,797	32,508	56.7

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: First professional degrees are defined as those that require at least 6 years of college work for completion and 2 years of preprofessional training. Health fields include chiropractic, dentistry, medicine, optometry, osteopathic medicine, pharmacy, podiatry, and veterinary medicine.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics; data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 59. First professional degrees awarded in non-health fields, by sex of recipient: 1966–2012

Academic year ending	All recipients	Male	Female	% female
1966	18,205	17,472	733	4.0
1967	19,120	18,425	695	3.6
1968	20,913	20,109	804	3.8
1969	21,922	21,051	871	4.0
1970	20,798	19,766	1,032	5.0
1971	23,018	21,541	1,477	6.4
1972	27,869	26,157	1,712	6.1
1973	33,080	30,638	2,442	7.4
1974	35,122	31,327	3,795	10.8
1975	35,677	30,755	4,922	13.8
1976	38,274	31,571	6,703	17.5
1977	40,247	31,937	8,310	20.6
1978	40,983	31,267	9,716	23.7
1979	41,994	31,044	10,950	26.1
1980	42,950	31,147	11,803	27.5
1981	43,398	30,614	12,784	29.5
1982	43,060	29,894	13,166	30.6
1983	43,482	29,029	14,453	33.2
1984	44,115	29,192	14,923	33.8
1985	44,961	29,105	15,856	35.3
1986	43,530	27,965	15,565	35.8
1987	42,720	26,830	15,890	37.2
1988	42,311	26,412	15,899	37.6
1989	41,800	25,803	15,997	38.3
1990	42,764	25,747	17,017	39.8
1991	44,453	26,449	18,004	40.5
1992	46,498	27,765	18,733	40.3
1993	46,593	27,861	18,732	40.2
1994	46,320	27,503	18,817	40.6
1995	45,700	27,218	18,482	40.4
1996	46,255	27,255	19,000	41.1
1997	47,312	27,609	19,703	41.6
1998	46,364	26,955	19,409	41.9
1999	NA	NA	NA	NA
2000	44,218	24,909	19,309	43.7
2001	43,477	23,642	19,835	45.6
2002	44,635	23,972	20,663	46.3
2003	44,930	23,637	21,293	47.4
2004	46,071	24,076	21,995	47.7
2005	49,505	26,085	23,420	47.3
2006	49,638	26,578	23,060	46.5
2007	50,018	27,003	23,015	46.0
2008	49,039	26,355	22,684	46.3
2009	49,199	26,645	22,554	45.8

TABLE 59. First professional degrees awarded in non-health fields, by sex of recipient: 1966–2012

Academic year ending	All recipients	Male	Female	% female
2010	47,506	24,652	22,854	48.1
2011	48,241	25,087	23,154	48.0
2012	50,581	26,498	24,083	47.6

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: First professional degrees are defined as those that require at least 6 years of college work for completion and 2 years of preprofessional training. Non-health fields include law, divinity/ministry, and rabbinical and Talmudic studies. Total excludes cases where field of study was not reported.

SOURCE: Tabulated by the National Science Foundation, National Center for Science and Engineering Statistics (NSF/NCSES); data from the Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/NCSES: Survey of Earned Doctorates.

Appendix A. Technical Notes

Bachelor's and Master's Degree Data

This publication uses data from the Integrated Postsecondary Education Data System (IPEDS) Completions Survey to report numbers of bachelor's and master's degrees. The Completions Survey, conducted by the National Center for Education Statistics (NCES), U.S. Department of Education, collects data annually on all degrees conferred between 1 July of one year and 30 June of the following year from the universe of accredited institutions of higher education in the 50 states, the District of Columbia, and the U.S. territories and outlying areas. Institutional representatives submit data to the IPEDS online collection system. The survey is mandatory for all institutions that participate in or are applicants for participation in any federal financial assistance program authorized by Title IV of the Higher Education Act of 1965, as amended. Data are collected according to sex of recipient and field of study. For more information on IPEDS, see <http://nces.ed.gov/IPEDS/about/>.

For each year from 1966 to 2012, institutional response rates to the IPEDS Completions Survey have exceeded 99%. Imputations for nonresponse were based on the previous year's response for an institution. The percentage of bachelor's and master's degrees imputed rounds to zero.

Because the data in this report include those for institutions in the U.S. territories, they may differ from numbers published by NCES that relate to the 50 states and the District of Columbia and their field-of-study groupings. Data on degrees by field of study were collected according to the NCES Classification of Instructional Programs (CIP) (see appendix B). Information on CIP is available at <http://nces.ed.gov/ipeds/cipcode/default.aspx?y=55>.

Through 1995, IPEDS reports were concerned primarily with the subset of postsecondary institutions that were accredited at the college level by an agency recognized by the U.S. Department of Education. The National Science Foundation (NSF) presented counts of bachelor's and master's degrees from this same subset of institutions in its reports on science and engineering (S&E) degrees (*S&E Degrees*). Beginning with 1996 data, NCES categorized the postsecondary institutional universe on the basis of degree-granting status as well as eligibility for Title IV federal financial aid (based on a list of eligible institutions maintained by the Department of Education's Office of Postsecondary Education). This change expanded the types of institutions whose data appear in NCES reports to include for-profit and online institutions. NSF chose to retain the earlier, less inclusive institutional coverage criterion for the data in its *S&E Degrees* report. As a result, beginning with the 1966–96 edition, the counts of bachelor's and master's degrees presented in *S&E Degrees* reports diverged from the degree counts reported by IPEDS. Beginning with the 1966–2008 edition, the *S&E Degrees* report adopted the more inclusive institutional coverage of the IPEDS reports, and the counts of bachelor's and master's degrees from 2000 forward are now based on the larger set of institutions. (Given field classification issues, the change in institutional coverage was not extended all the way back to the original divergence in 1996.) Consequently, the counts of bachelor's and master's degrees for 2000–06 appearing in the present edition of the *S&E Degrees* report differ from the degree counts for those years reported in the 1966–2000, 1966–2001, 1966–2004, and 1966–2006 editions of the *S&E Degrees* report. Also, due to given concerns about data quality, detailed national data were not released by NCES for the academic year ending 1999, and so bachelor's and master's degree data for those years are missing from all tables.

Doctoral Degree Data

Data on doctoral degrees were derived from the Survey of Earned Doctorates (SED), funded jointly by NSF, the National Institutes of Health, the U.S. Department of Education, the U.S. Department of Agriculture, the National Aeronautics and Space Administration, and the National Endowment for the Humanities.

The SED is a voluntary survey that collects information annually for the period from 1 July of one year through 30 June of the following year from all persons who have fulfilled the requirements for a research doctorate at an accredited U.S. institution. A research doctorate is a doctoral degree that (1) requires the completion of an original intellectual contribution in the form of a dissertation or an equivalent project of work (e.g., musical composition), and (2) is not primarily intended for the practice of a profession. Doctoral degrees (e.g., the PhD, DSc, and research EdD) are included in this survey; professional doctoral degrees (e.g., the MD, JD, DDS, PsyD, and DMin) are not. The Completions Survey collects data on professional doctoral degrees (called “doctorate degree–professional practice”) as well as research doctoral degrees. The Completions Survey reported that nearly 108,000 professional doctoral degrees were awarded in 2012, of which only 1,455 were awarded in S&E fields.

SED data were preferred over Completions Survey data for doctoral degrees because the self-reported data provided by individual doctorate recipients are more specific with respect to the field of specialization. SED field-of-study data are not collected using the CIP field classification scheme. See appendix B for a crosswalk between the CIP codes used to classify bachelor’s and master’s degree fields and for the corresponding SED field codes used by SED respondents to self-report their doctoral degree field.

The SED survey forms are sent to all accredited U.S. doctorate-granting institutions for distribution by the graduate deans (or institutional contacts) to all research doctorate recipients as they complete degree requirements. The survey collects demographic data, such as the student’s sex, citizenship, and racial or ethnic group; educational history, including field of degree; sources of graduate student support; employment status during the year preceding receipt of the doctorate; postgraduation plans; and background on parents’ education.

Approximately 92% of doctorate recipients complete the survey each year. For nonrespondents, commencement programs, graduation lists, and other similar public records allow construction of partial records—limited to field of study, year of doctorate, doctoral institution, and sex—which then are added to the data file. Consequently, for the variables used in this report, there is complete coverage of doctoral field of study and almost complete coverage of sex. (Item response rates annually exceed 99%.) Data are updated annually from completed survey forms submitted after the completion of the survey round; therefore, data on doctorates are subject to revision and may differ slightly from reports published earlier. For more information on the SED, see <http://www.nsf.gov/statistics/doctorates/>.

Field Classification Schemes

Four field classification systems were used during the 1966–2012 period covered by this report: CIP 1985, 1990, 2000, and 2010. The current classification scheme, CIP 2010, is used for the Completions Survey; it and corresponding fields for the SED are provided in appendix B, “Classification of Fields of Study.” Data for earlier years are presented as consistently as possible with the current classification scheme.

Note that the data in this report are grouped into the S&E field of degree categories of the NSF taxonomy. Data on engineering technology degrees and degrees in health and medical fields are not included in the S&E totals here. Therefore, data in this report may differ from those in reports published by the U.S. Department of Education which use a slightly different field of degree taxonomy. However, separate tables for engineering technology and for health and medical fields, as well as for first professional degrees, are included in this report.

Beginning with the 1966–2008 edition of the *S&E Degrees* report, the constituent fields of study reported in two social sciences fields and six engineering fields were changed. Consequently, the counts of

degrees in the eight affected data tables differ from the counts reported in pre-2008 editions of this report, as explained in the following paragraphs.

- In pre-2008 editions of this report, counts of bachelor's, master's, and doctoral degrees in sociology included degrees in the fields of demography and population studies and sociology. Beginning with the 1966–2008 edition, doctoral degrees in demography and population studies are included within the other social sciences category of fields (table 45), and the counts of sociology doctoral degrees (table 44) reflect only degrees awarded in the single field of sociology. These adjustments were applied to all years reported in the two tables. The counts of bachelor's and master's degrees in the field of demography and population studies are also included within other social sciences, but only for 2000 and later years. That is, counts of bachelor's and master's degrees reported in table 44 (sociology) include demography and population studies degrees and sociology degrees for 1998 and earlier years but exclude the demography and population studies degrees from 2000 onward; counts of bachelor's and master's degrees reported in table 45 (other social sciences) include demography and population studies degrees for 2000 and later years but exclude those degrees for years 1998 and earlier.
- In pre-2008 editions of this report, counts of bachelor's, master's, and doctoral degrees in each of the following five engineering field categories included degrees in multiple subfields of engineering: chemical engineering (table 48), civil engineering (table 49), electrical engineering (table 50), materials science engineering (table 52), and mechanical engineering (table 53). Beginning with the 1966–2008 edition, counts of doctoral degrees in these five engineering tables reflect only single engineering subfields, and the remaining doctoral degrees from the subfields formerly included in these five engineering field categories are counted within the other engineering category (table 54). These adjustments were applied to all years reported in the six tables. The same adjustments are made to the counts of bachelor's and master's degrees, but only for 2000 and later years. For 1998 and earlier years, the counts of bachelor's and master's degrees in the five noted engineering tables include degrees in multiple engineering subfields, and the counts of degrees in the other engineering table exclude degrees awarded in these subfields. To summarize the changes in the eight affected data tables: (1) counts of doctoral degrees reported in 1966–2008 and later editions of the *S&E Degrees* report differ from the counts reported in pre-2008 editions, and the differences occur in all years reported in the eight data tables; and (2) counts of bachelor's and master's degrees reported in 1966–2008 and later editions of the *S&E Degrees* report differ from the counts reported in pre-2008 editions, but the differences occur only in the data for 2000 and later years.

Appendix B. Classification of Fields of Study

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Science and engineering		Science and engineering
	Science		Science
	Biological and agricultural sciences		Biological and agricultural sciences
	Agricultural sciences		Agricultural sciences
01.0508	Taxidermy/Taxidermist	003	Natural resources/environmental economics (see also 665) ^a
01.0801	Agricultural and Extension Education Services	005	Agricultural animal breeding
01.0802	Agricultural Communication/Journalism	010	Animal nutrition
01.0899	Agricultural Public Services, Other	012	Dairy science ^b
01.0901	Animal Sciences, General	014	Animal science, poultry (or avian)
01.0902	Agricultural Animal Breeding	019	Animal science, other
01.0903	Animal Health	020	Agronomy and crop science
01.0904	Animal Nutrition	025	Agricultural and horticultural plant breeding
01.0905	Dairy Science	030	Plant pathology/phytopathology (see also 120)
01.0906	Livestock Management	039	Plant sciences, other
01.0907	Poultry Science	043	Food science
01.0999	Animal Sciences, Other	044	Food science and technology, other
01.1001	Food Science	046	Soil chemistry/microbiology
01.1002	Food Technology and Processing	049	Soil sciences, other
01.1099	Food Science and Technology, Other	050	Horticulture science
01.1101	Plant Sciences, General	055	Fishing and fisheries sciences/management
01.1102	Agronomy and Crop Science	066	Forest sciences and biology
01.1103	Horticultural Science	068	Forest engineering ^b
01.1104	Agricultural and Horticultural Plant Breeding	070	Forest/resources management
01.1105	Plant Protection and Integrated Pest Management	072	Wood science and pulp/paper technology
01.1106	Range Science and Management	074	Natural resources/conservation
01.1199	Plant Sciences, Other	079	Forestry and related sciences, other
01.1201	Soil Science and Agronomy, General	080	Wildlife/range management
01.1202	Soil Chemistry and Physics	081	Environmental science
01.1299	Soil Sciences, Other	098	Agriculture, general
01.9999	Agriculture, Agriculture Operations, and Related Sciences, Other	099	Agricultural science, other
02.0406	Agricultural Plant Pathology		
02.0407	Agricultural Plant Physiology		
03.0101	Natural Resources/Conservation, General		
03.0103	Environmental Studies		
03.0104	Environmental Science		
03.0188	Environmental Science/Studies		
03.0199	Natural Resources Conservation and Research, Other		
03.0201	Natural Resources Management and Policy		
03.0204	Natural Resource Economics		
03.0205	Water, Wetlands, and Marine Resources Management		
03.0206	Land Use Planning and Management/Development		
03.0299	Natural Resources Management and Policy, Other		
03.0301	Fishing and Fisheries Sciences and Management		
03.0501	Forestry, General		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Agricultural sciences (continued)		
03.0502	Forest Sciences and Biology		
03.0506	Forest Management/Forest Resources Management		
03.0508	Urban Forestry		
03.0509	Wood Science and Wood Products/Pulp and Paper Technology		
03.0510	Forest Resources Production and Management		
03.0599	Forestry, Other		
03.0601	Wildlife and Wildlands Science and Management		
03.9999	Natural Resources and Conservation, Other		
26.0706	Animal Physiology		
	Biological sciences		Biological sciences
19.0505	Foodservice Systems Administration/Management	100	Biochemistry (see also 539)
26.0101	Biology/Biological Sciences, General	102	Bioinformatics ^c
26.0102	Biomedical Sciences, General	103	Biomedical sciences
26.0202	Biochemistry	104	Computational biology ^d
26.0203	Biophysics	105	Biophysics (see also 565)
26.0204	Molecular Biology	107	Biotechnology
26.0205	Molecular Biochemistry	110	Bacteriology
26.0206	Molecular Biophysics	115	Plant genetics
26.0207	Structural Biology	120	Plant pathology/phytopathology (see also 030)
26.0208	Photobiology	125	Plant physiology
26.0209	Radiation Biology/Radiobiology	129	Botany/plant biology
26.0210	Biochemistry/Biophysics and Molecular Biology	130	Anatomy
26.0299	Biochemistry, Biophysics, and Molecular Biology, Other	133	Biometrics and biostatistics
26.0301	Botany/Plant Biology	136	Cell/cellular biology and histology
26.0305	Plant Pathology/Phytopathology	137	Evolutionary biology ^c
26.0307	Plant Physiology	139	Ecology
26.0308	Plant Molecular Biology	142	Developmental biology/embryology
26.0399	Botany/Plant Biology, Other	145	Endocrinology
26.0401	Cell/Cellular Biology and Histology	148	Entomology
26.0403	Anatomy	151	Immunology
26.0404	Developmental Biology and Embryology	152	Marine biology and biological oceanography ^a
26.0405	Neuroanatomy	154	Molecular biology
26.0406	Cell/Cellular and Molecular Biology	155	Structural biology ^d
26.0407	Cell Biology and Anatomy	157	Microbiology
26.0499	Cell/Cellular Biology and Anatomical Sciences, Other	158	Cancer biology ^c
26.0502	Microbiology, General	160	Neurosciences
26.0503	Medical Microbiology and Bacteriology	163	Nutrition sciences
26.0504	Virology	166	Parasitology
26.0505	Parasitology	167	Environmental toxicology ^e
26.0506	Mycology	168	Virology ^d
26.0507	Immunology	169	Toxicology
26.0599	Microbiological Sciences and Immunology, Other	170	Genetics/genomics, human and animal
26.0701	Zoology/Animal Biology	175	Pathology, human and animal

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Biological sciences (continued)		Biological sciences (continued)
26.0702	Entomology	180	Pharmacology, human and animal
26.0707	Animal Physiology	185	Physiology, human and animal
26.0708	Animal Behavior and Ethology	189	Zoology, other
26.0709	Wildlife Biology	198	Biology/biomedical sciences, general
26.0788	Physiology, Human and Animal	199	Biology/biomedical sciences, other
26.0799	Zoology/Animal Biology, Other		
26.0801	Genetics, General		
26.0802	Molecular Genetics		
26.0803	Microbial and Eukaryotic Genetics		
26.0804	Animal Genetics		
26.0805	Plant Genetics		
26.0806	Human/Medical Genetics		
26.0888	Genetics, Plant and Animal		
26.0899	Genetics, Other		
26.0901	Physiology, General		
26.0902	Molecular Physiology		
26.0903	Cell Physiology		
26.0904	Endocrinology		
26.0905	Reproductive Biology		
26.0906	Neurobiology and Neurophysiology		
26.0907	Cardiovascular Science		
26.0908	Exercise Physiology		
26.0909	Vision Science/Physiological Optics		
26.0910	Pathology/Experimental Pathology		
26.0911	Oncology and Cancer Biology		
26.0999	Physiology, Pathology, and Related Sciences, Other		
26.1001	Pharmacology		
26.1002	Molecular Pharmacology		
26.1003	Neuropharmacology		
26.1004	Toxicology		
26.1005	Molecular Toxicology		
26.1006	Environmental Toxicology		
26.1007	Pharmacology and Toxicology		
26.1099	Pharmacology and Toxicology, Other		
26.1101	Biometry/Biometrics		
26.1102	Biostatistics		
26.1103	Bioinformatics		
26.1199	Biomathematics and Bioinformatics, Other		
26.1201	Biotechnology		
26.1301	Ecology		
26.1302	Marine Biology and Biological Oceanography		
26.1303	Evolutionary Biology		
26.1304	Aquatic Biology/Limnology		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Biological sciences (continued)		
26.1305	Environmental Biology		
26.1306	Population Biology		
26.1307	Conservation Biology		
26.1308	Systematic Biology/Biological Systematics		
26.1310	Ecology and Evolutionary Biology		
26.1399	Ecology, Evolution, Systematics, and Population Biology, Other		
26.9999	Biological and Biomedical Sciences, Other		
30.1001	Biopsychology		
30.1901	Nutrition Sciences		
30.2401	Neuroscience		
	Earth, atmospheric, and ocean sciences		Earth, atmospheric, and ocean sciences
	Atmospheric sciences		Atmospheric sciences
40.0401	Atmospheric Sciences and Meteorology, General	510	Atmospheric chemistry and climatology
40.0402	Atmospheric Chemistry and Climatology	512	Atmospheric physics and dynamics
40.0403	Atmospheric Physics and Dynamics	514	Meteorology
40.0404	Meteorology	518	Atmospheric science/meteorology, general
40.0499	Atmospheric Sciences and Meteorology, Other	519	Atmospheric science/meteorology, other
	Earth and ocean sciences		Earth and ocean sciences
40.0601	Geology/Earth Science, General	540	Geology
40.0602	Geochemistry	542	Geochemistry
40.0603	Geophysics and Seismology	544	Geophysics and seismology
40.0604	Paleontology	546	Paleontology
40.0605	Hydrology and Water Resources Science	548	Mineralogy and petrology
40.0606	Geochemistry and Petrology	550	Stratigraphy and sedimentation
40.0699	Geological and Earth Sciences/Geosciences, Other	552	Geomorphology and glacial geology
40.0607	Oceanography, Chemical and Physical	558	Geological and earth sciences, general
		559	Geological and earth sciences, other
		585	Hydrology and water resources
		590	Oceanography, chemical and physical
		595	Marine sciences
		599	Ocean/marine, other
	Mathematics and computer sciences		Mathematics and computer sciences
	Computer sciences		Computer sciences
11.0101	Computer and Information Sciences, General	400	Computer science
11.0102	Artificial Intelligence and Robotics	410	Information science and systems
11.0103	Information Technology	415	Robotics ^d
11.0199	Computer Science, Other	419	Computer and information science, other ^f
11.0201	Computer Programming/Programmer, General		
11.0202	Computer Programming Special Applications		
11.0203	Computer Programming, Vendor/Product Certification		
11.0299	Computer Programming, Other		
11.0301	Data Processing and Data Processing Technology/Technician		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Mathematics and computer sciences (continued)		
11.0401	Information Science/Studies		
11.0501	Computer Systems Analysis/Analyst		
11.0701	Computer Science		
11.0801	Web Page, Digital/Multimedia, and Information Resources Design		
11.0802	Data Modeling/Warehousing and Database Administration		
11.0803	Computer Graphics		
11.0899	Computer Software and Media Applications, Other		
11.0901	Computer Systems Networking and Telecommunications		
11.1001	System Administration/Administrator		
11.1002	System, Networking, and LAN/WAN Management/Manager		
11.1003	Computer and Information Systems Security		
11.1004	Web/Multimedia Management and Webmaster		
11.1099	Computer/Information Technology Services Administration and Management, Other		
11.9999	Computer and Information Sciences and Support Services, Other		
	Mathematics		Mathematics
27.0101	Mathematics, General	420	Applied mathematics
27.0102	Algebra and Number Theory	425	Algebra
27.0103	Analysis and Functional Analysis	430	Analysis and functional analysis
27.0104	Geometry/Geometric Analysis	435	Geometry/geometric analysis
27.0105	Topology and Foundations	440	Logic
27.0199	Mathematics, Other	445	Number theory
27.0301	Applied Mathematics	450	Statistics (see also 690)
27.0303	Computational Mathematics	455	Topology/foundations
27.0399	Applied Mathematics, Other	460	Computing theory and practice
27.0501	Statistics, General	465	Operations research (see also 393, 930)
27.0502	Mathematical Statistics and Probability	498	Mathematics/statistics, general
27.0599	Statistics, Other	499	Mathematics/statistics, other
27.9999	Mathematics and Statistics, Other		
52.1302	Business Statistics		
52.1304	Actuarial Science		
	Physical sciences		Physical sciences
	Astronomy		Astronomy
40.0201	Astronomy	500	Astronomy
40.0202	Astrophysics	505	Astrophysics
40.0203	Planetary Astronomy and Science	509	Astronomy, other ^d
40.0299	Astronomy and Astrophysics, Other		
	Chemistry		Chemistry
40.0501	Chemistry, General	520	Analytical chemistry
40.0502	Analytical Chemistry	522	Inorganic chemistry
40.0503	Inorganic Chemistry	524	Nuclear chemistry ^b
40.0504	Organic Chemistry	526	Organic chemistry

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Chemistry (continued)		Chemistry (continued)
40.0506	Physical and Theoretical Chemistry	528	Medicinal/pharmaceutical chemistry ^g
40.0507	Polymer Chemistry	530	Physical chemistry
40.0508	Chemical Physics	532	Polymer chemistry
40.0599	Chemistry, Other	534	Theoretical chemistry
51.2004	Medicinal and Pharmaceutical Chemistry	538	Chemistry, general
		539	Chemistry, other (see also 100)
	Physics		Physics
40.0801	Physics, General	560	Acoustics
40.0802	Atomic/Molecular Physics	561	Atomic/molecular/chemical physics
40.0804	Elementary Particle Physics	564	Particle (elementary) physics
40.0805	Plasma and High-Temperature Physics	565	Biophysics (see also 105) ^h
40.0806	Nuclear Physics	566	Fluids physics ^b
40.0807	Optics/Optical Sciences	568	Nuclear physics
40.0808	Solid State and Low-Temperature Physics	569	Optics/phototonics
40.0809	Acoustics	570	Plasma/fusion physics
40.0810	Theoretical and Mathematical Physics	572	Polymer physics
40.0899	Physics, Other	574	Condensed matter/low-temperature physics
		576	Applied physics ^h
		577	Medical physics/radiological science ^d
		578	Physics, general
		579	Physics, other
	Other physical sciences		
40.0101	Physical Sciences		
40.9999	Physical Sciences, Other		
	Psychology		Psychology
42.0101	Psychology, General	600	Clinical psychology
42.0201	Clinical Psychology	602	Behavioral analysis ^a
42.0301	Cognitive Psychology and Psycholinguistics	603	Cognitive psychology and psycholinguistics
42.0401	Community Psychology	606	Comparative psychology ⁱ
42.0501	Comparative Psychology	609	Counseling
42.0601	Counseling Psychology	612	Developmental and child psychology
42.0701	Developmental and Child Psychology	613	Human development and family studies
42.0801	Experimental Psychology	614	Health and medical psychology ^a
42.0901	Industrial and Organizational Psychology	615	Experimental psychology
42.1001	Personality Psychology	618	Educational psychology (see also 822)
42.1101	Physiological Psychology/Psychobiology	620	Family psychology
42.1601	Social Psychology	621	Industrial and organizational psychology (see also 935)
42.1901	Psychometrics and Quantitative Psychology	624	Personality psychology
42.2001	Clinical Child Psychology	627	Physiological/psychobiology psychology
42.2101	Environmental Psychology	630	Psychometrics ^b
42.2201	Geropsychology	633	Psychometrics and quantitative psychology
42.2301	Health/Medical Psychology	636	School psychology (see also 825)

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Psychology (continued)		Psychology (continued)
42.2401	Psychopharmacology	639	Social psychology
42.2501	Family Psychology	648	Psychology, general
42.2601	Forensic Psychology	649	Psychology, other
42.9999	Psychology, Other		
51.1507	Psychoanalysis and Psychotherapy		
51.3603	Hypnotherapy/Hypnotherapist		
	Social sciences		Social sciences
	Economics		Economics
01.0103	Agricultural Economics	000	Agricultural economics
45.0601	Economics, General	665	Natural resource/environmental economics (see also 003) ^a
45.0602	Applied Economics	667	Economics
45.0603	Econometrics and Quantitative Economics	668	Econometrics
45.0604	Development Economics and International Development		
45.0605	International Economics		
45.0699	Economics, Other		
	Political science		Political science
44.0401	Public Administration	674	International relations/affairs
44.0501	Public Policy Analysis	678	Political science and government
44.9999	Public Administration and Social Service Professions, Other	682	Public policy analysis
45.0901	International Relations and Affairs	976	Public administration
45.1001	Political Science and Government, General		
45.1002	American Government and Politics (United States)		
45.1099	Political Science and Government, Other		
	Sociology		Sociology
45.1101	Sociology	686	Sociology
	Other social sciences		Other social sciences
05.0101	African Studies	652	Area/ethnic/cultural/gender studies
05.0102	American/United States Studies/Civilization	657	Criminal justice and corrections ^c
05.0103	Asian Studies/Civilization	658	Criminology
05.0104	East Asian Studies	662	Demography/population studies
05.0105	Central/Middle and Eastern European Studies	670	Geography
05.0106	European Studies/Civilization	674	International relations/affairs
05.0107	Latin American Studies	676	Linguistics
05.0108	Near and Middle Eastern Studies	682	Public policy analysis
05.0109	Pacific Area/Pacific Rim Studies	684	Gerontology (see also 227) ^d
05.0110	Russian Studies	690	Statistics (see also 450)
05.0111	Scandinavian Studies	694	Urban affairs/studies
05.0112	South Asian Studies	695	Urban/city, community, and regional planning ^c
05.0113	Southeast Asian Studies	698	Social sciences, general
05.0114	Western European Studies	699	Social sciences, other
05.0115	Canadian Studies	710	History, science and technology, and society

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Other social sciences (continued)		Other social sciences (continued)
05.0116	Balkans Studies	770	American/U.S. studies
05.0117	Baltic Studies	773	Archaeology
05.0118	Slavic Studies		
05.0119	Caribbean Studies		
05.0120	Ural-Altaic and Central Asian Studies		
05.0121	Commonwealth Studies		
05.0122	Regional Studies (U.S., Canadian, Foreign)		
05.0123	Chinese Studies		
05.0124	French Studies		
05.0125	German Studies		
05.0126	Italian Studies		
05.0127	Japanese Studies		
05.0128	Korean Studies		
05.0129	Polish Studies		
05.0130	Spanish and Iberian Studies		
05.0131	Tibetan Studies		
05.0132	Ukraine Studies		
05.0199	Area Studies, Other		
05.0201	African-American/Black Studies		
05.0202	American Indian/Native American Studies		
05.0203	Hispanic-American, Puerto Rican, and Mexican-American/Chicano Studies		
05.0204	Islamic Studies		
05.0205	Jewish/Judaic Studies		
05.0206	Asian-American Studies		
05.0208	Gay/Lesbian Studies		
05.0299	Ethnic, Cultural Minority, and Gender Studies, Other		
05.9999	Area, Ethnic, Cultural, and Gender Studies, Other		
16.0102	Linguistics		
16.0199	Linguistic, Comparative, and Related Language Studies and Services, Other		
16.1602	Linguistics of American Sign Language and Other Sign Languages		
30.1101	Gerontology		
30.1501	Science, Technology and Society		
30.1701	Behavioral Sciences		
30.2001	International/Global Studies		
30.2301	Intercultural/Multicultural and Diversity Studies		
45.0101	Social Sciences, General		
45.0201	Anthropology		
45.0202	Physical Anthropology		
45.0299	Anthropology, Other		
45.0301	Archeology		
45.0401	Criminology		
45.0501	Demography and Population Studies		
45.0701	Geography		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Other social sciences (continued)		
45.0799	Geography, Other		
45.1003	Canadian Government and Politics		
45.1201	Urban Studies/Affairs		
45.9999	Social Sciences, Other		
51.3201	Bioethics/Medical Ethics		
54.0104	History and Philosophy of Science and Technology		
	Engineering		Engineering
14.0201	Aerospace, Aeronautical, and Astronautical Engineering	300	Aerospace, aeronautical, and astronautical engineering
14.0701	Chemical Engineering	312	Chemical engineering
	Civil Engineering	315	Civil engineering
14.0801	Civil Engineering, General		
14.0802	Geotechnical Engineering		
14.0803	Structural Engineering		
14.0804	Transportation and Highway Engineering		
14.0805	Water Resources Engineering		
14.0899	Civil Engineering, Other		
14.1001	Electrical, Electronics, and Communications Engineering	324	Electrical, electronics, and communications engineering
	Industrial and Manufacturing Engineering	339	Industrial and manufacturing engineering
14.1701	Industrial/Manufacturing Engineering		
14.3501	Industrial Engineering		
14.3588	Industrial/Manufacturing Engineering		
14.3601	Manufacturing Engineering		
15.1501	Engineering/Industrial Management		
	Materials Science Engineering	342	Materials science engineering
14.1801	Materials Engineering		
40.1001	Materials Science		
14.1901	Mechanical Engineering	345	Mechanical engineering
	Other engineering		Other engineering
14.0101	Engineering, General	303	Agricultural engineering
14.0301	Agricultural/Biological Engineering and Bioengineering	306	Bioengineering and biomedical engineering
14.0401	Architectural Engineering	309	Ceramic sciences
14.0501	Biomedical/Medical Engineering	316	Structural engineering ^d
14.0601	Ceramic Sciences and Engineering	318	Communications engineering
14.0901	Computer Engineering, General	321	Computer engineering
14.0902	Computer Hardware Engineering	327	Engineering mechanics
14.0903	Computer Software Engineering	330	Engineering physics
14.0999	Computer Engineering, Other	333	Engineering science
14.1101	Engineering Mechanics	336	Environmental health engineering
14.1201	Engineering Physics	337	Geotechnical and geoenvironmental engineering ^a
14.1301	Engineering Science	348	Metallurgical engineering
14.1401	Environmental/Environmental Health Engineering	351	Mining and mineral engineering

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Other engineering (continued)		Other engineering (continued)
14.1601	Geophysical Engineering	357	Nuclear engineering
14.2001	Metallurgical Engineering	360	Ocean engineering
14.2101	Mining and Mineral Engineering	363	Operations research
14.2201	Naval Architecture and Marine Engineering	366	Petroleum engineering
14.2301	Nuclear Engineering	369	Polymer and plastics engineering
14.2401	Ocean Engineering	372	Systems engineering
14.2501	Petroleum Engineering	373	Transportation and highway engineering ^a
14.2701	Systems Engineering	376	Engineering management and administration ^c
14.2801	Textile Sciences and Engineering	398	Engineering, general
14.3201	Polymer/Plastics Engineering	399	Engineering, other
14.3301	Construction Engineering		
14.3401	Forest Engineering		
14.3801	Surveying Engineering		
14.3901	Geological/Geophysical Engineering		
14.9999	Engineering, Other		
40.0701	Metallurgy		
45.0702	Cartography		
	Non-science and engineering		Non-science and engineering
	Engineering technology		
10.0101	Educational/Instruction Media Tech		
10.0105	Communications Technology/Technician		
10.0201	Photographic and Film/Video Technology/Technician and Assistant		
10.0202	Radio and Television Broadcasting Technology/Technician		
10.0203	Recording Arts Technology/Technician		
10.0299	Audiovisual Communications Technologies/Technicians, Other		
10.9999	Communications Technologies/Technicians and Support Services, Other		
15.0101	Architectural Engineering Technology/Technician		
15.0201	Civil Engineering Technology/Technician		
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician		
15.0304	Laser and Optical Technology/Technician		
15.0305	Telecommunications Technology/Technician		
15.0399	Electrical and Electronic Engineering Technologies/Technicians, Other		
15.0401	Biomedical Technology/Technician		
15.0403	Electromechanical Technology/Electromechanical Engineering Technology		
15.0404	Instrumentation Technology/Technician		
15.0405	Robotics Technology/Technician		
15.0499	Electromechanical and Instrumentation and Maintenance Technologies/Technicians		
	Heating, Air Conditioning, and Refrigeration Technology/Technician		
15.0501	(ACH/ACR/ACHR/HR)		
15.0503	Energy Management and Systems Technology/Technician		
15.0505	Solar Energy Technology/Technician		
	Water Quality and Wastewater Treatment Management and Recycling		
15.0506	Technology		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Engineering technology (continued)		
15.0507	Environmental Engineering Technology/Environmental Technology		
15.0508	Hazardous Materials Management and Waste Technology/Technician		
15.0599	Environmental Control Technologies/Technicians, Other		
15.0607	Plastics Engineering Technology/Technician		
15.0612	Industrial Technology/Technician		
15.0613	Manufacturing Technology/Technician		
15.0688	Industrial/Manufacturing Technology/Technician		
15.0699	Industrial Production Technologies/Technicians, Other		
15.0701	Occupational Safety and Health Technology/Technician		
15.0702	Quality Control Technology/Technician		
15.0703	Industrial Safety Technology/Technician		
15.0704	Hazardous Materials Information Systems Technology/Technician		
15.0799	Quality Control and Safety Technologies/Technicians, Other		
15.0801	Aeronautical/Aerospace Engineering Technology/Technician		
15.0803	Automotive Engineering Technology/Technician		
15.0805	Mechanical Engineering/Mechanical Technology/Technician		
15.0899	Mechanical Engineering–Related Technologies/Technicians, Other		
15.0901	Mining Technology/Technician		
15.0903	Petroleum Technology/Technician		
15.0999	Mining and Petroleum Technologies/Technicians, Other		
15.1001	Construction Engineering Technology/Technician		
15.1102	Survey Technology/Surveying		
15.1103	Hydraulics and Fluid Power Technology/Technician		
15.1199	Engineering-Related Technologies, Other		
15.1201	Computer Engineering Technology/Technician		
15.1202	Computer Technology/Computer Systems Technology		
15.1203	Computer Hardware Technology/Technician		
15.1204	Computer Software Technology/Technician		
15.1299	Computer Engineering Technologies/Technicians, Other		
15.1302	CAD/CADD Drafting and/or Design Technology/Technician		
15.1303	Architectural Drafting and Architectural CAD/CADD		
15.1304	Civil Drafting and Civil Engineering CAD/CADD		
15.1305	Electrical/Electronics Drafting and Electrical/Electronics CAD/CADD		
15.1306	Mechanical Drafting and Mechanical Drafting CAD/CADD		
15.1401	Nuclear Engineering Technology/Technician		
15.1599	Engineering-Related Fields, Other		
15.9999	Engineering Technologies/Technicians, Other		
48.0508	Welding Technology/Welder		
	Health		Health
26.0988	Medical Physiology	200	Speech-language pathology and audiology
26.1309	Epidemiology	207	Oral biology/oral pathology ^d
31.0505	Kinesiology and Exercise Science	210	Environmental health
51.0101	Chiropractic (DC)	211	Environmental toxicology ^{e,h}

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Health (continued)		Health (continued)
51.0201	Communication Disorders, General	212	Health systems/services administration
51.0202	Audiology/Audiologist and Hearing Sciences	215	Public health
51.0203	Speech-Language Pathology/Pathologist	217	Health policy analysis ^a
51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist	220	Epidemiology
51.0299	Communication Disorders Sciences and Services, Other	222	Kinesiology/exercise science
51.0401	Dentistry (DDS, DMD)	227	Gerontology ^d (see also 684)
51.0501	Dental Clinical Sciences, General (MS, PhD)	230	Nursing science
51.0502	Advanced General Dentistry (Cert, MS, PhD)	240	Medicinal/pharmaceutical sciences
51.0503	Oral Biology and Oral Pathology (MS, PhD)	245	Rehabilitation/therapeutic services
51.0504	Dental Public Health and Education (Cert, MS/MPH, PhD/DPH)	250	Veterinary sciences
51.0505	Dental Materials (MS, PhD)	298	Health sciences, general
51.0506	Endodontics/Endodontology (Cert, MS, PhD)	299	Health sciences, other
51.0507	Oral/Maxillofacial Surgery (Cert, MS, PhD)		
51.0508	Orthodontics/Orthodontology (Cert, MS, PhD)		
51.0509	Pediatric Dentistry/Pedodontics (Cert, MS, PhD)		
51.0510	Periodontics/Periodontology (Cert, MS, PhD)		
51.0511	Prosthodontics/Prosthodontology (Cert, MS, PhD)		
51.0599	Advanced/Graduate Dentistry and Oral Sciences, Other		
51.0701	Health/Health Care Administration/Management		
51.0702	Hospital and Health Care Facilities Administration/Management		
51.0706	Health Information/Medical Records Administration/Administrator		
51.0799	Health and Medical Administrative Services, Other		
51.0717	Medical Staff Services Technology/Technician		
51.0809	Anesthesiologist Assistant		
51.0914	Gene/Genetic Therapy		
51.0915	Cardiopulmonary Technology/Technologist		
51.0916	Radiation Protection/Health Physics Technician		
51.1101	Pre-Dentistry Studies		
51.1102	Pre-Medicine/Pre-Medical Studies		
51.1103	Pre-Pharmacy Studies		
51.1104	Pre-Veterinary Studies		
51.1105	Pre-Nursing Studies		
51.1201	Medicine (MD)		
51.1301	Medical Anatomy		
51.1302	Medical Biochemistry		
51.1307	Medical Immunology		
51.1308	Medical Microbiology		
51.1312	Medical Pathology		
51.1314	Medical Toxicology		
51.1399	Basic Medical Sciences, Other		
51.1401	Medical Scientist (MS, PhD)		
51.1601	Nursing—Registered Nurse Training (RN, ASN, BSN, MSN)		
51.1602	Nursing Administration (MSN, MS, PhD)		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Health (continued)		
51.1603	Adult Health Nurse/Nursing		
51.1604	Nurse Anesthetist		
51.1605	Family Practice Nurse/Nurse Practitioner		
51.1606	Maternal/Child Health and Neonatal Nurse/Nursing		
51.1607	Nurse Midwife/Nursing Midwifery		
51.1608	Nursing Science (MS, PhD)		
51.1609	Pediatric Nurse/Nursing		
51.1610	Psychiatric/Mental Health Nurse/Nursing		
51.1611	Public Health/Community Nurse/Nursing		
51.1612	Perioperative/Operating Room and Surgical Nurse/Nursing		
51.1616	Clinical Nurse Specialist		
51.1617	Critical Care Nursing		
51.1618	Occupational and Environmental Health Nursing		
51.1699	Nursing, Other		
51.1701	Optometry (OD)		
51.1901	Osteopathic Medicine/Osteopathy (DO)		
51.2001	Pharmacy (PharmD [United States] PharmD, BS/BPharm [Canada])		
51.2002	Pharmacy Administration and Pharmacy Policy and Regulatory Affairs (MS, PhD)		
51.2003	Pharmaceutics and Drug Design (MS, PhD)		
51.2005	Natural Products Chemistry and Pharmacognosy (MS, PhD)		
51.2006	Clinical and Industrial Drug Development (MS, PhD)		
51.2007	Pharmacoeconomics/Pharmaceutical Economics (MS, PhD)		
51.2008	Clinical, Hospital, and Managed Care Pharmacy (MS, PhD)		
51.2009	Industrial and Physical Pharmacy and Cosmetic Sciences (MS, PhD)		
51.2099	Pharmacy, Pharmaceutical Sciences, and Administration, Other		
51.2101	Podiatric Medicine/Podiatry (DPM)		
51.2201	Public Health, General (MPH, DPH)		
51.2202	Environmental Health		
51.2204	Health and Medical Biostatistics		
51.2205	Health/Medical Physics		
51.2206	Occupational Health and Industrial Hygiene		
51.2207	Public Health Education and Promotion		
51.2208	Community Health and Preventive Medicine		
51.2209	Maternal and Child Health		
51.2210	International Public Health/International Health		
51.2211	Health Services Administration		
51.2299	Public Health, Other		
51.2306	Occupational Therapy/Therapist		
51.2308	Physical Therapy/Therapist		
51.2311	Kinesiotherapy/Kinesiotherapist		
51.2312	Assistive/Augmentative Technology and Rehabilitation Engineering		
51.2401	Veterinary Medicine (DVM)		
51.2501	Veterinary Sciences/Veterinary Clinical Sciences, General (Cert, MS, PhD)		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Health (continued)		
51.2502	Veterinary Anatomy (Cert, MS, PhD)		
51.2503	Veterinary Physiology (Cert, MS, PhD)		
51.2504	Veterinary Microbiology and Immunobiology (Cert, MS, PhD)		
51.2505	Veterinary Pathology and Pathobiology (Cert, MS, PhD)		
51.2506	Veterinary Toxicology and Pharmacology (Cert, MS, PhD)		
51.2507	Large Animal/Food Animal and Equine Surgery and Medicine (Cert, MS, PhD)		
51.2508	Small/Companion Animal Surgery and Medicine (Cert, MS, PhD)		
51.2509	Comparative and Laboratory Animal Medicine (Cert, MS, PhD)		
51.2510	Veterinary Preventive Medicine Epidemiology and Public Health (Cert, MS, PhD)		
51.2511	Veterinary Infectious Diseases (Cert, MS, PhD)		
51.2599	Veterinary Biomedical and Clinical Sciences, Other (Cert, MS, PhD)		
51.3101	Dietetics/Dietitian (RD)		
51.3102	Clinical Nutrition/Nutritionist		
51.3199	Dietetics and Clinical Nutrition Services, Other		
51.3301	Acupuncture		
51.3302	Traditional Chinese/Asian Medicine and Chinese Herbology		
51.3303	Naturopathic Medicine/Naturopathy (ND)		
51.3304	Homeopathic Medicine/Homeopathy		
51.3305	Ayurvedic Medicine/Ayurveda		
51.3388	Acupuncture and Oriental Medicine		
51.3399	Alternative and Complementary Medicine and Medical Systems, Other		
51.3401	Direct Entry Midwifery (LM, CPM)		
51.3499	Alternative and Complementary Medical Support Services, Other		
51.3502	Asian Bodywork Therapy		
51.3503	Somatic Bodywork		
51.3599	Somatic Bodywork and Related Therapeutic Services, Other		
51.3602	Yoga Teacher Training/Yoga Therapy		
51.3699	Movement and Mind-Body Therapies and Education, Other		
51.3701	Aromatherapy		
51.3702	Herbalism/Herbalist		
51.3703	Polarity Therapy		
51.3704	Reiki		
51.3799	Energy and Biologically Based Therapies, Other		
51.9999	Health Professions and Related Clinical Sciences, Other		
60.0101	Dental/Oral Surgery Specialty		
60.0102	Dental Public Health Specialty		
60.0103	Endodontics Specialty		
60.0104	Oral Pathology Specialty		
60.0105	Orthodontics Specialty		
60.0106	Pedodontics Specialty		
60.0107	Periodontics Specialty		
60.0108	Prosthodontics Specialty		
60.0199	Dental Residency Program, Other		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Health (continued)		
60.0201	Aerospace Medicine		
60.0202	Allergies and Immunology		
60.0203	Anesthesiology		
60.0204	Blood Banking		
60.0205	Cardiology		
60.0206	Chemical Pathology		
60.0207	Child/Pediatric Neurology		
60.0208	Child Psychiatry		
60.0209	Colon and Rectal Surgery		
60.0210	Critical Care Anesthesiology		
60.0211	Critical Care Medicine		
60.0212	Critical Care Surgery		
60.0213	Dermatology		
60.0214	Dermatopathology		
60.0215	Diagnostic Radiology		
60.0216	Emergency Medicine		
60.0217	Endocrinology and Metabolism		
60.0218	Family Medicine		
60.0219	Forensic Pathology		
60.0220	Gastroenterology		
60.0221	General Surgery		
60.0222	Geriatric Medicine		
60.0223	Hand Surgery		
60.0224	Hematology		
60.0225	Hematological Pathology		
60.0226	Immunopathology		
60.0227	Infectious Disease		
60.0228	Internal Medicine		
60.0229	Laboratory Medicine		
60.0230	Musculoskeletal Oncology		
60.0231	Neonatal-Perinatal Medicine		
60.0232	Nephrology		
60.0233	Neurological Surgery/Neurosurgery		
60.0234	Neurology		
60.0235	Neuropathology		
60.0236	Nuclear Medicine		
60.0237	Nuclear Radiology		
60.0238	Obstetrics and Gynecology		
60.0239	Occupational Medicine		
60.0240	Oncology		
60.0241	Ophthalmology		
60.0242	Orthopedics/Orthopedic Surgery		
60.0243	Otolaryngology		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Health (continued)		
60.0244	Pathology		
60.0245	Pediatric Cardiology		
60.0246	Pediatric Endocrinology		
60.0247	Pediatric Hemato-Oncology		
60.0248	Pediatric Nephrology		
60.0249	Pediatric Orthopedics		
60.0250	Pediatric Surgery		
60.0251	Pediatrics		
60.0252	Physical and Rehabilitation Medicine		
60.0253	Plastic Surgery		
60.0254	Preventive Medicine		
60.0255	Psychiatry		
60.0256	Public Health Medicine		
60.0257	Pulmonary Disease		
60.0258	Radiation Oncology		
60.0259	Radioisotopic Pathology		
60.0260	Rheumatology		
60.0261	Sports Medicine		
60.0262	Thoracic Surgery		
60.0263	Urology		
60.0264	Vascular Surgery		
60.0265	Adult Reconstructive Orthopedics (Orthopedic Surgery)		
60.0266	Child Neurology		
60.0267	Cytopathology		
60.0268	Geriatric Medicine (Internal Medicine)		
60.0269	Pediatric Urology		
60.0270	Physical Medical and Rehabilitation/Psychiatry		
60.0271	Orthopedic Surgery of the Spine		
60.0299	Medical Residency Programs, Other		
60.0301	Veterinary Anesthesiology		
60.0302	Veterinary Dentistry		
60.0303	Veterinary Dermatology		
60.0304	Veterinary Emergency and Critical Care Medicine		
60.0305	Veterinary Internal Medicine		
60.0306	Laboratory Animal Medicine		
60.0307	Veterinary Microbiology		
60.0308	Veterinary Nutrition		
60.0309	Veterinary Ophthalmology		
60.0310	Veterinary Pathology		
60.0311	Veterinary Practice		
60.0312	Veterinary Preventive Medicine		
60.0313	Veterinary Radiology		
60.0314	Veterinary Surgery		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Health (continued)		
60.0315	Therigenology		
60.0316	Veterinary Toxicology		
60.0317	Zoological Medicine		
60.0399	Veterinary Residency Programs, Other		
	Education		Education
13.0101	Education, General	800	Curriculum and instruction
13.0201	Bilingual and Multilingual Education	804	Education and human resource studies/development ^a
13.0202	Multicultural Education	805	Educational administration and supervision
13.0203	Indian/Native American Education	806	Urban education leadership ^d
13.0299	Bilingual, Multilingual, and Multicultural Education, Other	807	Educational leadership
13.0301	Curriculum and Instruction	808	Educational policy analysis ^d
13.0401	Educational Leadership and Administration, General	810	Educational/instructional media design
13.0402	Administration of Special Education	812	Educational/instructional technology ^a
13.0403	Adult and Continuing Education Administration	815	Educational statistics/research methods
13.0404	Educational, Instructional, and Curriculum Supervision	820	Educational assessment, testing, and measurement
13.0406	Higher Education/Higher Education Administration	822	Educational psychology (see also 618)
13.0407	Community College Education	825	School psychology (see also 636)
13.0408	Elementary and Middle School Administration/Principalship	830	Social/philosophical foundations of education
13.0409	Secondary School Administration/Principalship	833	International education ^d
13.0410	Urban Education and Leadership	835	Special education
13.0411	Superintendency and Educational System Administration	840	Counseling education/counseling and guidance
13.0488	Elementary, Middle, and Secondary Education Administration	845	Higher education/evaluation and research
13.0499	Educational Administration and Supervision, Other	850	Pre-elementary/early childhood teacher education
13.0501	Educational/Instructional Media Design	852	Elementary teacher education
13.0601	Educational Evaluation and Research	856	Secondary teacher education
13.0603	Educational Statistics and Research Methods	858	Adult and continuing teacher education
13.0604	Educational Assessment, Testing, and Measurement	860	Agricultural education
13.0699	Educational Assessment, Evaluation, and Research, Other	861	Art education
13.0701	International and Comparative Education	862	Business education ⁱ
13.0901	Social and Philosophical Foundations of Education	864	English education
13.1001	Special Education and Teaching, General	865	Bilingual and multilingual education ^a
13.1003	Education/Teaching Individuals with Hearing Impairments, Including Deafness	866	Foreign languages education
13.1004	Education/Teaching of the Gifted and Talented	868	Health education
13.1005	Education/Teaching of Individuals with Emotional Disturbances	870	Family and consumer/human science (see also 964)
13.1006	Education/Teaching of Individuals with Mental Retardation	872	Technical and industrial arts education ^b
13.1007	Education/Teaching of Individuals with Multiple Disabilities	874	Mathematics education
13.1008	Education/Teaching Individuals with Orthopedic, Other Physical Impairments	876	Music education
13.1009	Education/Teaching Individuals with Vision Impairments, Including Blindness	878	Nursing education
13.1011	Education/Teaching of Individuals with Specific Learning Disabilities	880	Physical education and coaching
13.1012	Education/Teaching of Individuals with Speech or Language Impairments	882	Reading education
13.1013	Education/Teaching of Individuals with Autism	884	Science education
13.1014	Education/Teaching of Individuals Who Are Developmentally Delayed	885	Social science education

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Education (continued)		Education (continued)
13.1015	Education/Teaching of Individuals in Early Childhood Special Education Programs	887	Technical education ^b
13.1016	Education/Teaching of Individuals with Traumatic Brain Injuries	888	Trade and industrial education ^j
13.1099	Special Education and Teaching, Other	889	Teacher education and professional development
13.1101	Counselor Education/School Counseling and Guidance Services	898	Education, general
13.1102	College Student Counseling and Personnel Services	899	Education, other
13.1199	Student Counseling and Personnel Services, Other		
13.1201	Adult and Continuing Education and Teaching		
13.1202	Elementary Education and Teaching		
13.1203	Junior High/Intermediate/Middle School Education and Teaching		
13.1205	Secondary Education and Teaching		
13.1206	Teacher Education, Multiple Levels		
13.1207	Montessori Teacher Education		
13.1208	Waldorf/Steiner Teacher Education		
13.1209	Kindergarten/Preschool Education and Teaching		
13.1210	Early Childhood Education and Teaching		
13.1288	Pre-Elementary/Early Childhood/Kindergarten Teacher Education		
13.1299	Teacher Education and Professional Development, Specific Levels and Methods, Other		
13.1301	Agricultural Teacher Education		
13.1302	Art Teacher Education		
13.1303	Business Teacher Education		
13.1304	Driver and Safety Teacher Education		
13.1305	English/Language Arts Teacher Education		
13.1306	Foreign Language Teacher Education		
13.1307	Health Teacher Education		
13.1308	Family and Consumer Sciences/Home Economics Teacher Education		
13.1309	Technology Teacher Education/Industrial Arts Teacher Education		
13.1310	Sales and Marketing Operations/Marketing and Distribution Teacher Education		
13.1311	Mathematics Teacher Education		
13.1312	Music Teacher Education		
13.1314	Physical Education Teaching and Coaching		
13.1315	Reading Teacher Education		
13.1316	Science Teacher Education/General Science Teacher Education		
13.1317	Social Science Teacher Education		
13.1318	Social Studies Teacher Education		
13.1319	Technical Teacher Education		
13.1320	Trade and Industrial Teacher Education		
13.1321	Computer Teacher Education		
13.1322	Biology Teacher Education		
13.1323	Chemistry Teacher Education		
13.1324	Drama and Dance Teacher Education		
13.1325	French Language Teacher Education		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Education (continued)		
13.1326	German Language Teacher Education		
13.1327	Health Occupations Teacher Education		
13.1328	History Teacher Education		
13.1329	Physics Teacher Education		
13.1330	Spanish Language Teacher Education		
13.1331	Speech Teacher Education		
13.1332	Geography Teacher Education		
13.1333	Latin Teacher Education		
13.1334	School Librarian/School Library Media Specialist		
13.1335	Psychology Teacher Education		
	Teacher Education and Professional Development, Specific Subject Areas, Other		
13.1399			
13.1401	Teaching English as a Second or Foreign Language/ESL Language Instructor		
13.1402	Teaching French as a Second or Foreign Language		
13.1499	Teaching English or French as a Second or Foreign Language, Other		
13.1501	Teacher Assistant/Aide		
13.1502	Adult Literacy Tutor/Instructor		
13.1599	Teaching Assistants/Aides, Other		
13.9999	Education, Other		
31.0501	Health and Physical Education, General		
31.0502	Adapted Physical Education/Therapeutic Recreation		
31.0504	Sport and Fitness Administration/Management		
31.0599	Health and Physical Education/Fitness, Other		
39.0401	Religious Education		
42.1701	School Psychology		
42.1801	Educational Psychology		
51.0913	Athletic Training/Trainer		
	Humanities		Humanities
16.0101	Foreign Languages and Literatures, General	700	American history (U.S. and Canada)
16.0103	Language Interpretation and Translation	703	Asian history
16.0104	Comparative Literature	705	European history
16.0201	African Languages, Literatures, and Linguistics	706	African history ^h
16.0300	East Asian Languages, Literatures, and Linguistics, General	707	Latin American history ^h
16.0301	Chinese Language and Literature	708	Middle/Near East studies ^c
16.0302	Japanese Language and Literature	718	History, general
16.0303	Korean Language and Literature	719	History, other
16.0304	Tibetan Language and Literature	720	Classics
16.0399	East Asian Languages, Literatures, and Linguistics, Other	723	Comparative literature
16.0400	Slavic, Baltic, and Albanian Languages, Literatures, and Linguistics, General	724	Folklore ^h
16.0401	Baltic Languages, Literatures, and Linguistics	732	American literature (U.S. and Canada)
16.0402	Russian Language and Literature	733	English literature (British and Commonwealth)
16.0404	Albanian Language and Literature	734	English language
16.0405	Bulgarian Language and Literature	735	Creative writing ^c

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Humanities (continued)		Humanities (continued)
16.0406	Czech Language and Literature	736	Speech and rhetorical studies
16.0407	Polish Language and Literature	737	Rhetoric and composition ^a
16.0408	Serbian, Croatian, and Serbo-Croatian Languages and Literatures	738	Letters, general
16.0409	Slovak Language and Literature	739	Letters, other
16.0410	Ukrainian Language and Literature	740	French
16.0499	Slavic, Baltic, and Albanian Languages, Literatures, and Linguistics, Other	743	German
16.0500	Germanic Languages, Literatures, and Linguistics, General	746	Italian
16.0501	German Language and Literature	749	Spanish
16.0502	Scandinavian Languages, Literatures, and Linguistics	750	Latin American ^a
16.0503	Danish Language and Literature	752	Russian
16.0504	Dutch/Flemish Language and Literature	755	Slavic (other than Russian) ^l
16.0505	Norwegian Language and Literature	758	Chinese
16.0506	Swedish Language and Literature	762	Japanese
16.0599	Germanic Languages, Literatures, and Linguistics, Other	765	Hebrew ^b
16.0601	Modern Greek Language and Literature	768	Arabic
16.0700	South Asian Languages, Literatures, and Linguistics, General	769	Other languages and literature
16.0701	Hindi Language and Literature	776	Art history/criticism/conservation
16.0702	Sanskrit and Classical Indian Languages, Literatures, and Linguistics	777	Jewish/Judaic studies and history ^a
16.0704	Bengali Language and Literature	778	Film/cinema/video studies ^a
16.0705	Panjabi Language and Literature	780	Music
16.0706	Tamil Language and Literature	784	Ethics ^a
16.0707	Urdu Language and Literature	785	Philosophy (see also 440)
16.0799	South Asian Languages, Literatures, and Linguistics, Other	786	Music theory and composition ^c
16.0801	Iranian/Persian Languages, Literatures, and Linguistics	787	Music performance ^c
16.0900	Romance Languages, Literatures, and Linguistics, General	788	Musicology/ethnomusicology ^c
16.0901	French Language and Literature	789	Music, other ^c
16.0902	Italian Language and Literature	790	Religion/religious studies (see also 984)
16.0904	Portuguese Language and Literature	792	Bible/biblical studies ^c
16.0905	Spanish Language and Literature	795	Drama/theater arts
16.0906	Romanian Language and Literature	798	Humanities, general
16.0907	Catalan Language and Literature	799	Humanities, other
16.0999	Romance Languages, Literatures, and Linguistics, Other		
16.1001	American Indian/Native American Languages, Literatures, and Linguistics		
	Middle/Near Eastern and Semitic Languages, Literatures, and Linguistics,		
	General		
16.1100			
16.1101	Arabic Language and Literature		
16.1102	Hebrew Language and Literature		
16.1103	Ancient Near Eastern and Biblical Languages, Literatures, and Linguistics		
16.1199	Middle/Near Eastern and Semitic Languages, Literatures, and Linguistics, Other		
16.1200	Classics and Classical Languages, Literatures, and Linguistics, General		
16.1202	Ancient/Classical Greek Language and Literature		
16.1203	Latin Language and Literature		
16.1299	Classics and Classical Languages, Literatures, and Linguistics, Other		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Humanities (continued)		
16.1301	Celtic Languages, Literatures, and Linguistics		
16.1401	Australian/Oceanic/Pacific Languages, Literatures, and Linguistics		
16.1402	Bahasa Indonesian/Bahasa Malay Languages and Literatures		
16.1403	Burmese Language and Literature		
16.1404	Filipino/Tagalog Language and Literature		
16.1405	Khmer/Cambodian Language and Literature		
16.1406	Lao/Laotian Language and Literature		
16.1407	Thai Language and Literature		
16.1408	Vietnamese Language and Literature		
16.1499	Southeast Asian and Australasian/Pacific Languages, Literatures, and Linguistics		
16.1501	Turkish Language and Literature		
16.1502	Finnish and Related Languages, Literatures, and Linguistics		
16.1503	Hungarian/Magyar Language and Literature		
16.1504	Mongolian Language and Literature		
16.1599	Turkic, Ural-Altaic, Caucasian, and Central Asian Languages, Literatures, and Linguistics		
16.9999	Foreign Languages, Literatures, and Linguistics, Other		
23.0101	English Language and Literature, General		
23.0701	American Literature (United States)		
23.0702	American Literature (Canadian)		
23.0801	English Literature (British and Commonwealth)		
23.1001	Speech and Rhetorical Studies		
23.9999	English Language and Literature/Letters, Other		
30.1301	Medieval and Renaissance Studies		
30.2201	Ancient Studies/Civilization		
30.2202	Classical, Ancient Mediterranean and Near Eastern Studies		
38.0101	Philosophy		
38.0102	Logic		
38.0103	Ethics		
38.0199	Philosophy, Other		
38.9999	Philosophy and Religious Studies, Other		
38.0201	Religion/Religious Studies		
38.0202	Buddhist Studies		
38.0203	Christian Studies		
38.0204	Hindu Studies		
38.0205	Islamic Studies		
38.0206	Jewish/Judaic Studies		
38.0299	Religion/Religious Studies, Other		
39.0201	Bible/Biblical Studies		
39.0301	Missions/Missionary Studies and Missiology		
39.0501	Religious/Sacred Music		
39.0601	Theology/Theological Studies		
39.0602	Divinity/Ministry (BD, MDiv)		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Humanities (continued)		
39.0604	Pre-Theology/Pre-Ministerial Studies		
39.0605	Rabbinical Studies		
39.0606	Talmudic Studies		
39.0699	Theological and Ministerial Studies, Other		
39.0701	Pastoral Studies/Counseling		
39.0702	Youth Ministry		
39.0799	Pastoral Counseling and Specialized Ministries, Other		
39.9999	Theology and Religious Vocations, Other		
50.0101	Visual and Performing Arts, General		
50.0201	Crafts/Craft Design, Folk Art, and Artisanry		
50.0301	Dance, General		
50.0302	Ballet		
50.0399	Dance, Other		
50.0401	Design and Visual Communications, General		
50.0402	Commercial and Advertising Art		
50.0404	Industrial Design		
50.0406	Commercial Photography		
50.0407	Fashion/Apparel Design		
50.0408	Interior Design		
50.0409	Graphic Design		
50.0410	Illustration		
50.0499	Design and Applied Arts, Other		
50.0501	Drama and Dramatics/Theatre Arts, General		
50.0502	Technical Theatre/Theatre Design and Technology		
50.0504	Playwriting and Screenwriting		
50.0505	Theatre Literature, History, and Criticism		
50.0506	Acting		
50.0507	Directing and Theatrical Production		
50.0508	Theatre/Theatre Arts Management		
50.0588	Acting and Directing		
50.0599	Dramatic/Theatre Arts and Stagecraft, Other		
50.0601	Film/Cinema Studies		
50.0602	Cinematography and Film/Video Production		
50.0605	Photography		
50.0699	Film/Video and Photographic Arts, Other		
50.0701	Art/Art Studies, General		
50.0702	Fine/Studio Arts, General		
50.0703	Art History, Criticism, and Conservation		
50.0704	Arts Management		
50.0705	Drawing		
50.0706	Intermedia/Multimedia		
50.0708	Painting		
50.0709	Sculpture		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Humanities (continued)		
50.0710	Printmaking		
50.0711	Ceramic Arts and Ceramics		
50.0712	Fiber, Textile, and Weaving Arts		
50.0713	Metal and Jewelry Arts		
50.0799	Fine Arts and Art Studies, Other		
50.0901	Music, General		
50.0902	Music History, Literature, and Theory		
50.0903	Music Performance, General		
50.0904	Music Theory and Composition		
50.0905	Musicology and Ethnomusicology		
50.0906	Conducting		
50.0907	Piano and Organ		
50.0908	Voice and Opera		
50.0910	Jazz/Jazz Studies		
50.0911	Violin, Viola, Guitar, and Other Stringed Instruments		
50.0912	Music Pedagogy		
50.0999	Music, Other		
50.9999	Visual and Performing Arts, Other		
51.1506	Clinical Pastoral Counseling/Patient Counseling		
54.0101	History, General		
54.0102	American (U.S.) History		
54.0103	European History		
54.0106	Asian History		
54.0107	Canadian History		
54.0199	History, Other		
	Business management/administration		Business management/administration
01.0101	Agricultural Business and Management, General	002	Agricultural business and management ^b
01.0102	Agribusiness/Agricultural Business Operations	900	Accounting
01.0104	Farm/Farm and Ranch Management	901	Finance ^c
01.0105	Agricultural/Farm Supplies Retailing and Wholesaling	905	Banking/financial services
01.0106	Agricultural Business Technology	910	Business administration and management
01.0199	Agricultural Business and Management, Other	912	Hospitality, food service and tourism management ^d
01.0301	Agricultural Production Operations, General	915	Business/managerial economics
01.0302	Animal/Livestock Husbandry and Production	916	International business/trade/commerce
01.0303	Aquaculture	917	Management information systems/business statistics
01.0304	Crop Production	920	Marketing management/research
01.0306	Dairy Husbandry and Production	921	Human resources development ^h
01.0307	Horse Husbandry/Equine Science and Management	930	Operations research (see also 363, 465)
01.0399	Agricultural Production Operations, Other	935	Organizational behavior (see also 621)
01.0401	Agricultural and Food Products Processing	938	Business management/administration, general
01.0504	Dog/Pet/Animal Grooming	939	Business management/administration, other
01.0505	Animal Training		
01.0507	Equestrian/Equine Studies		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Business management/administration (continued)		
01.0599	Agricultural and Domestic Animals Services, Other		
01.0601	Applied Horticulture/Horticultural Operations, General		
01.0603	Ornamental Horticulture		
01.0604	Greenhouse Operations and Management		
01.0605	Landscaping and Groundskeeping		
01.0606	Plant Nursery Operations and Management		
01.0607	Turf and Turfgrass Management		
01.0608	Floriculture/Floristry Operations and Management		
01.0699	Applied Horticulture/Horticultural Business Services, Other		
01.0701	International Agriculture		
03.0405	Logging/Timber Harvesting		
03.0499	Forest Production and Processing, Other		
03.0511	Forestry Technology/Technician		
11.0601	Data Entry/Microcomputer Applications, General		
11.0602	Word Processing		
11.0699	Data Entry/Microcomputer Applications, Other		
12.0504	Restaurant, Culinary, and Catering Management/Manager		
12.0507	Food Service, Waiter/Waitress, and Dining Room Management/Manager		
14.3701	Operations Research		
22.0301	Legal Administrative Assistant/Secretary		
22.0303	Court Reporting/Court Reporter		
30.1601	Accounting and Computer Science		
50.0909	Music Management and Merchandising		
51.0716	Medical Administrative/Executive Assistant and Medical Secretary		
52.0101	Business/Commerce, General		
52.0201	Business Administration and Management, General		
52.0202	Purchasing, Procurement/Acquisitions and Contracts Management		
52.0203	Logistics and Materials Management		
52.0204	Office Management and Supervision		
52.0205	Operations Management and Supervision		
52.0206	Non-Profit/Public/Organizational Management		
52.0207	Customer Service Management		
52.0208	E-Commerce/Electronic Commerce		
52.0209	Transportation/Transportation Management		
52.0299	Business/Managerial Operations, Other		
52.0301	Accounting		
52.0302	Accounting Technology/Technician and Bookkeeping		
52.0303	Auditing		
52.0304	Accounting and Finance		
52.0305	Accounting and Business/Management		
52.0399	Accounting and Related Services, Other		
52.0401	Administrative Assistant and Secretarial Science, General		
52.0402	Executive Assistant/Executive Secretary		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Business management/administration (continued)		
52.0406	Receptionist		
52.0407	Business/Office Automation/Technology/Data Entry		
52.0408	General Office Occupations and Clerical Services		
52.0409	Parts, Warehousing, and Inventory Management Operations		
52.0410	Traffic, Customs, and Transportation Clerk/Technician		
52.0411	Customer Service Support/Call Center/Teleservice Operation		
52.0499	Business Operations Support and Secretarial Services, Other		
52.0501	Business/Corporate Communications		
52.0601	Business/Managerial Economics		
52.0701	Entrepreneurship/Entrepreneurial Studies		
52.0702	Franchising and Franchise Operations		
52.0703	Small Business Administration/Management		
52.0799	Entrepreneurial and Small Business Operations, Other		
52.0801	Finance, General		
52.0803	Banking and Financial Support Services		
52.0804	Financial Planning and Services		
52.0806	International Finance		
52.0807	Investments and Securities		
52.0808	Public Finance		
52.0809	Credit Management		
52.0899	Finance and Financial Management Services, Other		
52.0901	Hospitality Administration/Management, General		
52.0903	Tourism and Travel Services Management		
52.0904	Hotel/Motel Administration/Management		
52.0905	Restaurant/Food Services Management		
52.0906	Resort Management		
52.0988	Hotel/Motel and Restaurant Management		
52.0999	Hospitality Administration/Management, Other		
52.1001	Human Resources Management/Personnel Administration, General		
52.1002	Labor and Industrial Relations		
52.1003	Organizational Behavior Studies		
52.1004	Labor Studies		
52.1005	Human Resources Development		
52.1099	Human Resources Management and Services, Other		
52.1101	International Business/Trade/Commerce		
52.1201	Management Information Systems, General		
52.1202	Business Computer Programming/Programmer		
52.1203	Business Systems Analysis and Design		
52.1205	Business Computer Facilities Operator		
52.1206	Information Resources Management/CIO Training		
52.1207	Knowledge Management		
52.1299	Management Information Systems and Services, Other		
52.1301	Management Science, General		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Business management/administration (continued)		
52.1399	Management Sciences and Quantitative Methods, Other		
52.1401	Marketing/Marketing Management, General		
52.1402	Marketing Research		
52.1403	International Marketing		
52.1499	Marketing, Other		
52.1501	Real Estate		
52.1601	Taxation		
52.1701	Insurance		
52.1801	Sales, Distribution, and Marketing Operations, General		
52.1802	Merchandising and Buying Operations		
52.1803	Retailing and Retail Operations		
52.1804	Selling Skills and Sales Operations		
52.1899	General Merchandising, Sales, and Related Marketing Operations, Other		
52.1901	Auctioneering		
52.1902	Fashion Merchandising		
52.1903	Fashion Modeling		
52.1904	Apparel and Accessories Marketing Operations		
52.1905	Tourism and Travel Services Marketing Operations		
52.1906	Tourism Promotion Operations		
52.1907	Vehicle and Vehicle Parts and Accessories Marketing Operations		
52.1908	Business and Personal/Financial Services Marketing Operations		
52.1909	Special Products Marketing Operations		
52.1910	Hospitality and Recreation Marketing Operations		
52.1999	Specialized Merchandising, Sales, and Marketing Operations, Other		
52.2001	Construction Management		
52.9999	Business, Management, Marketing, and Related Support Services, Other		
	Communication		Communication
09.0101	Communication Studies/Speech Communication and Rhetoric	940	Communication research
09.0102	Mass Communication/Media Studies	947	Mass communication/media studies
09.0199	Communication and Media Studies, Other	950	Film, radio, TV, and digital communication ^c
09.0401	Journalism	957	Communication theory
09.0402	Broadcast Journalism	958	Communication, general
09.0404	Photojournalism	959	Communication, other
09.0499	Journalism, Other		
09.0701	Radio and Television		
09.0702	Digital Communication and Media/Multimedia		
09.0799	Radio, Television, and Digital Communication, Other		
09.0901	Organizational Communication, General		
09.0902	Public Relations/Image Management		
09.0903	Advertising		
09.0904	Political Communication		
09.0905	Health Communication		
09.0999	Public Relations, Advertising, and Applied Communication, Other		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Communication (continued)		
09.1001	Publishing		
09.9999	Communication, Journalism, and Related Programs, Other		
25.0101	Library Science/Librarianship		
25.0301	Library Assistant/Technician		
25.9999	Library Science, Other		
30.1401	Museology/Museum Studies		
54.0105	Public/Applied History and Archival Administration		
	Other non-science and engineering fields		Fields not elsewhere classified
01.0201	Agricultural Mechanization, General	960	Architecture/environmental design
01.0204	Agricultural Power Machinery Operation	964	Family/consumer science/human science (see also 870)
01.0205	Agricultural Mechanics and Equipment/Machine Technology	968	Law
01.0299	Agricultural Mechanization, Other	972	Library science
04.0201	Architecture (BArch, BA/BS, MArch, MA/MS, PhD)	974	Parks, sports, recreation, leisure, and fitness
04.0301	City/Urban, Community, and Regional Planning	980	Social work
04.0401	Environmental Design/Architecture	984	Theology/religious education (see also 790)
04.0501	Interior Architecture	988	Professional fields, general ^b
04.0601	Landscape Architecture (BS, BSLA, BLA, MSLA, MLA, PhD)	989	Professional fields, other
04.0801	Architectural History and Criticism, General		
04.0901	Architectural Technology/Technician		
04.9999	Architecture and Related Services, Other		
05.0207	Women's Studies		
10.0301	Graphic Communications, General		
10.0302	Printing Management		
10.0303	Prepress/Desktop Publishing and Digital Imaging Design		
10.0304	Animation, Interactive Technology, Video Graphics, and Special Effects		
10.0305	Graphic and Printing Equipment Operator, General Production		
10.0306	Platemaker/Imager		
10.0307	Printing Press Operator		
10.0308	Computer Typography and Composition Equipment Operator		
10.0399	Graphic Communications, Other		
12.0301	Funeral Service and Mortuary Science, General		
12.0302	Funeral Direction/Service		
12.0303	Mortuary Science and Embalming/Embalmer		
12.0399	Funeral Service and Mortuary Science, Other		
12.0401	Cosmetology/Cosmetologist, General		
12.0402	Barbering/Barber		
12.0404	Electrolysis/Electrology and Electrolysis Technician		
12.0406	Make-Up Artist/Specialist		
12.0407	Hair Styling/Stylist and Hair Design		
12.0408	Facial Treatment Specialist/Facialist		
12.0409	Aesthetician/Esthetician and Skin Care Specialist		
12.0410	Nail Technician/Specialist and Manicurist		
12.0411	Permanent Cosmetics/Makeup and Tattooing		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Other non-science and engineering fields (continued)		
12.0412	Salon/Beauty Salon Management/Manager		
12.0413	Cosmetology, Barber/Styling, and Nail Instructor		
12.0499	Cosmetology and Related Personal Grooming Arts, Other		
12.0500	Cooking and Related Culinary Arts, General		
12.0501	Baking and Pastry Arts/Baker/Pastry Chef		
12.0502	Bartending/Bartender		
12.0503	Culinary Arts/Chef Training		
12.0505	Food Preparation/Professional Cooking/Kitchen Assistant		
12.0506	Meat Cutting/Meat Cutter		
12.0508	Institutional Food Workers		
12.0588	Institutional Food Workers and Administrators, General		
12.0599	Culinary Arts and Related Services, Other		
12.9999	Personal and Culinary Services, Other		
15.0611	Metallurgical Technology/Technician		
15.1301	Drafting and Design Technology/Technician, General		
15.1399	Drafting/Design Engineering Technologies/Technicians, Other		
16.1601	American Sign Language (ASL)		
16.1603	Sign Language Interpretation and Translation		
16.1699	American Sign Language, Other		
19.0101	Family and Consumer Sciences/Human Sciences, General		
19.0201	Business Family and Consumer Sciences/Human Sciences		
19.0202	Family and Consumer Sciences/Human Sciences Communication		
19.0203	Consumer Merchandising/Retailing Management		
19.0299	Family and Consumer Sciences/Human Sciences Business Services, Other		
19.0401	Family Resource Management Studies, General		
19.0402	Consumer Economics		
19.0403	Consumer Services and Advocacy		
19.0499	Family and Consumer Economics and Related Services, Other		
19.0501	Foods, Nutrition, and Wellness Studies, General		
19.0503	Dietetics/Human Nutritional Services		
19.0504	Human Nutrition		
19.0599	Foods, Nutrition, and Related Services, Other		
19.0601	Housing and Human Environments, General		
19.0604	Facilities Planning and Management		
19.0605	Home Furnishings and Equipment Installers		
19.0699	Housing and Human Environments, Other		
19.0701	Human Development and Family Studies, General		
19.0702	Adult Development and Aging		
19.0704	Family Systems		
19.0706	Child Development		
19.0707	Family and Community Services		
19.0708	Child Care and Support Services Management		
19.0709	Child Care Provider/Assistant		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Other non-science and engineering fields (continued)		
19.0799	Human Development, Family Studies, and Related Services, Other		
19.0901	Apparel and Textiles, General		
19.0902	Apparel and Textile Manufacture		
19.0904	Textile Science		
19.0905	Apparel and Textile Marketing Management		
19.0906	Fashion and Fabric Consultant		
19.0999	Apparel and Textiles, Other		
19.9999	Family and Consumer Sciences/Human Sciences, Other		
20.0305	Custom Tailor		
20.0309	Drycleaner and Launderer (Commercial)		
20.0405	Food Caterer		
20.0409	Institutional Food Services Administrator		
21.0101	Technology Education/Industrial Arts		
22.0001	Pre-Law Studies		
22.0101	Law (LLB, JD)		
22.0201	Advanced Legal Research/Studies, General (LLM, MCL, MLI, MSL, JSD/SJD)		
22.0202	Programs for Foreign Lawyers (LLM, MCL)		
22.0203	American/U.S. Law/Legal Studies/Jurisprudence (LLM, MCJ, JSD/SJD)		
22.0204	Canadian Law/Legal Studies/Jurisprudence (LLM, MCJ, JSD/SJD)		
22.0205	Banking, Corporate, Finance, and Securities Law (LLM, JSD, SLJ)		
22.0206	Comparative Law (LLM, MCL, JSD/SJD)		
22.0207	Energy, Environment, and Natural Resources Law (LLM, MS, JSD/SJD)		
22.0208	Health Law (LLM, MJ, JSD/SJD)		
22.0209	International Law and Legal Studies (LLM, JSD/SJD)		
22.0210	International Business, Trade, and Tax Law (LLM, JSD/SJD)		
22.0211	Tax Law/Taxation (LLM, JSD/SJD)		
22.0299	Legal Research and Advanced Professional Studies (Post-LLB/JD), Other		
22.0302	Legal Assistant/Paralegal		
22.0399	Legal Support Services, Other		
22.9999	Legal Professions and Studies, Other		
23.0401	English Composition		
23.0501	Creative Writing		
23.1101	Technical and Business Writing		
24.0101	Liberal Arts and Sciences/Liberal Studies		
24.0102	General Studies		
24.0103	Humanities/Humanistic Studies		
24.0199	Liberal Arts and Sciences, General Studies and Humanities, Other		
28.0101	Air Force JROTC/ROTC		
28.0301	Army JROTC/ROTC		
28.0401	Navy/Marine Corps JROTC/ROTC		
29.0101	Military Technologies		
30.0101	Biological and Physical Sciences		
30.0501	Peace Studies and Conflict Resolution		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Other non-science and engineering fields (continued)		
30.0601	Systems Science and Theory		
30.0801	Mathematics and Computer Science		
30.1201	Historic Preservation and Conservation		
30.1202	Cultural Resource Management and Policy Analysis		
30.1299	Historic Preservation and Conservation, Other		
30.1801	Natural Sciences		
30.2101	Holocaust and Related Studies		
30.2501	Cognitive Science		
30.9999	Multi-/Interdisciplinary Studies, Other		
31.0101	Parks, Recreation, and Leisure Studies		
31.0301	Parks, Recreation, and Leisure Facilities Management		
31.9999	Parks, Recreation, Leisure, and Fitness Studies, Other		
32.0101	Basic Skills, General		
32.0104	Numeracy and Computational Skills		
32.0105	Job-Seeking/Changing Skills		
32.0107	Career Exploration/Awareness Skills		
32.0108	Literacy and Communication Skills		
32.0199	Basic Skills, Other		
33.0101	Citizenship Activities, General		
33.0102	American Citizenship Education		
33.0103	Community Awareness		
33.0104	Community Involvement		
33.0199	Citizenship Activities, Other		
34.0102	Birthing and Parenting Knowledge and Skills		
34.0103	Personal Health Improvement and Maintenance		
34.0104	Addiction Prevention and Treatment		
34.0199	Health-Related Knowledge and Skills, Other		
35.0101	Interpersonal and Social Skills, General		
35.0102	Interpersonal Relationships Skills		
35.0103	Business and Social Skills		
35.0199	Interpersonal Social Skills, Other		
36.0101	Leisure and Recreational Activities, General		
36.0102	Handicrafts and Model-Making		
36.0103	Board, Card, and Role-Playing Games		
36.0105	Home Maintenance and Improvement		
36.0106	Nature Appreciation		
36.0107	Pet Ownership and Care		
36.0108	Sports and Exercise		
36.0109	Travel and Exploration		
36.0119	Aircraft Pilot (Private)		
36.0199	Leisure and Recreational Activities, Other		
37.0101	Self-Awareness and Personal Assessment		
37.0102	Stress Management and Coping Skills		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Other non-science and engineering fields (continued)		
37.0103	Personal Decision-Making Skills		
37.0104	Self-Esteem and Values Clarification		
37.0199	Personal Awareness and Self-Improvement, Other		
41.0101	Biology Technician/Biotechnology Laboratory Technician		
41.0204	Industrial Radiologic Technology/Technician		
41.0205	Nuclear/Nuclear Power Technology/Technician		
41.0299	Nuclear and Industrial Radiologic Technologies/Technicians, Other		
41.0301	Chemical Technology/Technician		
41.0399	Physical Science Technologies/Technicians, Other		
41.9999	Science Technologies/Technicians, Other		
43.0102	Corrections		
43.0103	Criminal Justice/Law Enforcement Administration		
43.0104	Criminal Justice/Safety Studies		
43.0106	Forensic Science and Technology		
43.0107	Criminal Justice/Police Science		
43.0109	Security and Loss Prevention Services		
43.0110	Juvenile Corrections		
43.0111	Criminalistics and Criminal Science		
43.0112	Securities Services Administration/Management		
43.0113	Corrections Administration		
43.0199	Corrections and Criminal Justice, Other		
43.0201	Fire Protection and Safety Technology/Technician		
43.0202	Fire Services Administration		
43.0203	Fire Science/Firefighting		
43.0299	Fire Protection, Other		
43.9999	Security and Protective Services, Other		
44.0201	Community Organization and Advocacy		
44.0701	Social Work		
44.0702	Youth Services/Administration		
44.0799	Social Work, Other		
46.0101	Mason/Masonry		
46.0201	Carpentry/Carpenter		
46.0301	Electrical and Power Transmission Installation/Installer, General		
46.0302	Electrician		
46.0303	Lineworker		
46.0399	Electrical and Power Transmission Installers, Other		
46.0401	Building/Property Maintenance and Manager		
46.0402	Concrete Finishing/Concrete Finisher		
46.0403	Building/Home/Construction Inspection/Inspector		
46.0404	Drywall Installation/Drywaller		
46.0406	Glazier		
46.0408	Painting/Painter and Wall Coverer		
46.0410	Roofer		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Other non-science and engineering fields (continued)		
46.0411	Metal Building Assembly/Assembler		
46.0412	Building/Construction Site Management/Manager		
46.0499	Building/Construction Finishing, Management, and Inspection, Other		
46.0502	Pipefitting/Pipefitter and Sprinkler Fitter		
46.0503	Plumbing Technology/Plumber		
46.0504	Well Drilling/Driller		
46.0505	Blasting/Blaster		
46.0588	Plumber and Pipefitter		
46.0599	Plumbing and Related Water Supply Services, Other		
46.9999	Construction Trades, Other		
47.0101	Electrical/Electronics Equipment Installation and Repair, General		
47.0102	Business Machine Repairer		
47.0103	Communications Systems Installation and Repair Technology		
47.0104	Computer Installation and Repair Technology/Technician		
47.0105	Industrial Electronics Technology/Technician		
47.0106	Appliance Installation and Repair Technology/Technician		
47.0110	Security System Installation, Repair, and Inspection Technology/Technician		
47.0199	Electrical/Electronics Maintenance and Repair Technology, Other		
	Heating, Air Conditioning, Ventilation, and Refrigeration Maintenance Technology/Technician		
47.0201	Heavy Equipment Maintenance Technology/Technician		
47.0302	Industrial Mechanics and Maintenance Technology		
47.0303	Heavy/Industrial Equipment Maintenance Technologies, Other		
47.0399	Instrument Calibration and Repairer		
47.0401	Gunsmithing/Gunsmith		
47.0402	Locksmithing and Safe Repair		
47.0403	Musical Instrument Fabrication and Repair		
47.0404	Watchmaking and Jewellerymaking		
47.0408	Parts and Warehousing Operations and Maintenance Technology/Technician		
47.0409	Precision Systems Maintenance and Repair Technologies, Other		
47.0499	Autobody/Collision and Repair Technology/Technician		
47.0603	Automobile/Automotive Mechanics Technology/Technician		
47.0604	Diesel Mechanics Technology/Technician		
47.0605	Small Engine Mechanics and Repair Technology/Technician		
47.0606	Airframe Mechanics and Aircraft Maintenance Technology/Technician		
47.0607	Aircraft Powerplant Technology/Technician		
47.0608	Avionics Maintenance Technology/Technician		
47.0609	Bicycle Mechanics and Repair Technology/Technician		
47.0610	Motorcycle Maintenance and Repair Technology/Technician		
47.0611	Vehicle Emissions Inspection and Maintenance Technology/Technician		
47.0612	Medium/Heavy Vehicle and Truck Technology/Technician		
47.0613	Alternative Fuel Vehicle Technology/Technician		
47.0614	Engine Machinist		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Other non-science and engineering fields (continued)		
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician		
47.0699	Vehicle Maintenance and Repair Technologies, Other		
47.9999	Mechanic and Repair Technologies/Technicians, Other		
48.0205	Mechanical Typesetter and Composer		
48.0299	Graphic and Printing Equipment Operators, Other		
48.0303	Upholstery/Upholsterer		
48.0304	Shoe, Boot, and Leather Repair		
48.0399	Leatherworking and Upholstery, Other		
48.0501	Machine Tool Technology/Machinist		
48.0503	Machine Shop Technology/Assistant		
48.0506	Sheet Metal Technology/Sheetworking		
48.0507	Tool and Die Technology/Technician		
48.0509	Ironworking/Ironworker		
48.0599	Precision Metal Working, Other		
48.0701	Woodworking, General		
48.0702	Furniture Design and Manufacturing		
48.0703	Cabinetmaking and Millwork/Millwright		
48.0799	Woodworking, Other		
48.0801	Boilermaking/Boilermaker		
48.9999	Precision Production, Other		
49.0101	Aeronautics/Aviation/Aerospace Science and Technology, General		
49.0102	Airline/Commercial/Professional Pilot and Flight Crew		
49.0104	Aviation/Airway Management and Operations		
49.0105	Air Traffic Controller		
49.0106	Airline Flight Attendant		
49.0108	Flight Instructor		
49.0199	Air Transportation, Other		
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation		
49.0205	Truck and Bus Driver/Commercial Vehicle Operation		
49.0206	Mobil Crane Operation/Operator		
49.0299	Ground Transportation, Other		
49.0303	Commercial Fishing		
49.0304	Diver, Professional and Instructor		
49.0309	Marine Science/Merchant Marine Officer		
49.0399	Marine Transportation, Other		
49.9999	Transportation and Materials Moving, Other		
51.0601	Dental Assisting/Assistant		
51.0602	Dental Hygiene/Hygienist		
51.0603	Dental Laboratory Technology/Technician		
51.0699	Dental Services and Allied Professions, Other		
51.0703	Health Unit Coordinator/Ward Clerk		
51.0704	Health Unit Manager/Ward Supervisor		
51.0705	Medical Office Management/Administration		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Other non-science and engineering fields (continued)		
51.0707	Health Information/Medical Records Technology/Technician		
51.0708	Medical Transcription/Transcriptionist		
51.0709	Medical Office Computer Specialist/Assistant		
51.0710	Medical Office Assistant/Specialist		
51.0711	Medical/Health Management and Clinical Assistant/Specialist		
51.0712	Medical Reception/Receptionist		
51.0713	Medical Insurance Coding Specialist/Coder		
51.0714	Medical Insurance Specialist/Medical Biller		
51.0715	Health/Medical Claims Examiner		
51.0801	Medical/Clinical Assistant		
51.0802	Clinical/Medical Laboratory Assistant		
51.0803	Occupational Therapist Assistant		
51.0805	Pharmacy Technician/Assistant		
51.0806	Physical Therapist Assistant		
51.0808	Veterinary/Animal Health Technology/Technician and Veterinary Assistant		
51.0810	Emergency Care Attendant (EMT Ambulance)		
51.0811	Pathology/Pathologist Assistant		
51.0812	Respiratory Therapy Technician/Assistant		
51.0813	Chiropractic Assistant/Technician		
51.0899	Health/Medical Assisting Services, Other		
51.0901	Cardiovascular Technology/Technologist		
51.0902	Electrocardiograph Technology/Technician		
51.0903	Electroneurodiagnostic/Electroencephalographic Technology/Technologist		
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)		
51.0905	Nuclear Medical Technology/Technologist		
51.0906	Perfusion Technology/Perfusionist		
51.0907	Medical Radiologic Technology/Science—Radiation Therapist		
51.0908	Respiratory Care Therapy/Therapist		
51.0909	Surgical Technology/Technologist		
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician		
51.0911	Radiologic Technology/Science—Radiographer		
51.0912	Physician Assistant		
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other		
51.1001	Blood Bank Technology Specialist		
51.1002	Cytotechnology/Cytotechnologist		
51.1003	Hematology Technology/Technician		
51.1004	Clinical/Medical Laboratory Technician		
51.1005	Clinical Laboratory Science/Medical Technology/Technologist		
51.1006	Ophthalmic Laboratory Technology/Technician		
51.1007	Histologic Technology/Histotechnologist		
51.1008	Histologic Technician		
51.1009	Phlebotomy/Phlebotomist		
51.1010	Cytogenetics/Genetics/Clinical Genetics Technology/Technologist		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Other non-science and engineering fields (continued)		
51.1011	Renal/Dialysis Technologist/Technician		
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other		
51.1199	Health/Medical Preparatory Programs, Other		
51.1501	Substance Abuse/Addiction Counseling		
51.1502	Psychiatric/Mental Health Services Technician		
51.1503	Clinical/Medical Social Work		
51.1504	Community Health Services/Liaison/Counseling		
51.1505	Marriage and Family Therapy/Counseling		
51.1508	Mental Health Counseling/Counselor		
51.1509	Genetic Counseling/Counselor		
51.1599	Mental and Social Health Services and Allied Professions, Other		
51.1613	Licensed Practical/Vocational Nurse Training (LPN, LVN, Cert, Dipl, AAS)		
51.1614	Nurse/Nursing Assistant/Aide and Patient Care Assistant		
51.1801	Opticianry/Ophthalmic Dispensing Optician		
51.1802	Optometric Technician/Assistant		
51.1803	Ophthalmic Technician/Technologist		
51.1804	Orthoptics/Orthoptist		
51.1899	Ophthalmic and Optometric Support Services and Allied Professions, Other		
51.2301	Art Therapy/Therapist		
51.2302	Dance Therapy/Therapist		
51.2305	Music Therapy/Therapist		
51.2307	Orthotist/Prosthetist		
51.2309	Therapeutic Recreation/Recreational Therapy		
51.2310	Vocational Rehabilitation Counseling/Counselor		
51.2399	Rehabilitation and Therapeutic Professions, Other		
51.2601	Health Aide		
51.2602	Home Health Aide/Home Attendant		
51.2603	Medication Aide		
51.2699	Health Aides/Attendants/Orderlies, Other		
51.2703	Medical Illustration/Medical Illustrator		
51.2706	Medical Informatics		
51.2799	Medical Illustration and Informatics, Other		
51.3103	Dietetic Technician (DTR)		
51.3104	Dietitian Assistant		
51.3188	Dietetics/Human Nutritional Services		

TABLE B-1. Classification of fields of study

IPEDS Completions Survey		Survey of Earned Doctorates (SED)	
CIP code	Field of degree	SED code	Field of doctorate
	Other non-science and engineering fields (continued)		
51.3501	Massage Therapy/Therapeutic Massage		
51.3601	Movement Therapy and Movement Education		
95.9500	Unknown—Not Reported		

CIP = Classification of Instructional Programs; IPEDS = Integrated Postsecondary Education Data System.

- ^a Field introduced in 2012.
- ^b Field dropped in 2004.
- ^c Field introduced in 2007.
- ^d Field introduced in 2010.
- ^e Since 2010, environmental toxicology has been classified as a biological science; it was classified as a health science field in years prior to 2010.
- ^f Field introduced in 2001.
- ^g Field dropped in 2007.
- ^h Field introduced in 2004.
- ⁱ Field dropped in 2010.
- ^j Field code was listed as 887 on the 2004–06 questionnaires.

NOTES: The U.S. Department of Education's IPEDS Completions Survey uses the CIP codes to help responding institutions classify degrees according to the instructional programs awarding the degrees. The National Science Foundation's Survey of Earned Doctorates uses its own field of degree taxonomy to help respondents (doctorate recipients) self-report their field of degrees.

SOURCES: U.S. Department of Education, Integrated Postsecondary Education Data System, Completions Survey, 2012; NSF, NIH, USED, USDA, NEH, NASA, Survey of Earned Doctorates, 2012.

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