



Science and Engineering Degrees: 1966-2004

Detailed Statistical Tables | NSF 07-307 | January 2007

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General Notes

This publication is based on data obtained from two surveys. Bachelor's and master's degree data were obtained from universe institution surveys of the National Center for Education Statistics (NCES), U.S. Department of Education. Data on doctorates are from 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 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, the Northern Mariana Islands, Puerto Rico, Guam, the Virgin Islands, and the Trust Territory of the Pacific Islands). Degree data are compiled for a 12-month period, July 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., 2004 means the 12-month period ending June 2004.

It is difficult to establish a completely consistent series of degree data over a long period of time because of changes in definitions, instructions, and field classifications, including the introduction of new specialties. The data for earlier years are presented as consistently as possible with the classifications used in the *Classification of Instructional Programs* (1991, NCES: Washington, DC). See appendix A, Technical Notes, for further information on the field classifications used.

The publication focuses on degrees in science and engineering fields, and, where appropriate, the data are reclassified according to NSF field categories. It should be noted that data on engineering technology degrees and degrees in the health/medical sciences are not included in the science and engineering totals here. The time series for this report begins in 1966. Note that detailed national data were not released by NCES for the academic year ending 1999.

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38	chemistry
39	physics
40	other physical sciences
41	psychology
42	social sciences
43	economics
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TABLE 1. Degrees awarded in all fields and in science and engineering, by degree level: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	All degrees	S&E degrees	% S&E degrees	All degrees	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	31,239	17,872	57.2
1980	940,251	304,695	32.4	299,095	64,089	21.4	31,020	17,775	57.3
1981	946,877	306,792	32.4	296,798	64,366	21.7	31,356	18,257	58.2
1982	964,043	315,023	32.7	296,580	66,568	22.4	31,110	18,275	58.7
1983	980,679	317,571	32.4	290,931	67,733	23.3	31,281	18,635	59.6
1984	986,345	324,284	32.9	285,462	68,582	24.0	31,336	18,747	59.8
1985	990,877	332,273	33.5	287,213	70,578	24.6	31,296	18,934	60.5
1986	1,000,204	335,405	33.5	289,829	71,840	24.8	31,901	19,436	60.9
1987	1,003,532	331,526	33.0	290,532	72,603	25.0	32,370	19,894	61.5
1988	1,006,033	322,482	32.1	300,091	73,655	24.5	33,500	20,932	62.5
1989	1,030,171	322,821	31.3	311,050	76,425	24.6	34,327	21,732	63.3
1990	1,062,151	329,094	31.0	324,947	77,788	23.9	36,068	22,869	63.4
1991	1,107,997	337,675	30.5	338,498	78,368	23.2	37,531	24,020	64.0
1992	1,150,072	355,265	30.9	354,207	81,107	22.9	38,887	24,673	63.4
1993	1,179,278	366,035	31.0	370,973	86,425	23.3	39,800	25,443	63.9
1994	1,183,141	373,261	31.5	389,008	91,411	23.5	41,035	26,205	63.9
1995	1,174,436	378,148	32.2	399,428	94,309	23.6	41,750	26,536	63.6
1996	1,179,815	384,674	32.6	408,932	95,313	23.3	42,439	27,241	64.2
1997	1,186,589	388,482	32.7	420,954	93,485	22.2	42,541	27,232	64.0
1998	1,199,579	390,618	32.6	431,871	93,918	21.7	42,647	27,278	64.0
1999	NA	NA	NA	NA	NA	NA	41,092	25,933	63.1
2000	1,253,121	398,622	31.8	456,260	95,683	21.0	41,365	25,966	62.8
2001	1,257,648	400,206	31.8	466,645	98,986	21.2	40,824	25,548	62.6
2002	1,305,730	415,611	31.8	481,132	99,173	20.6	39,989	24,588	61.5
2003	1,359,843	439,434	32.3	511,603	107,739	21.1	40,770	25,289	62.0
2004	1,407,009	454,978	32.3	555,537	118,379	21.3	42,155	26,275	62.3

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.

NOTE: See appendix B for specific fields that are included in science and engineering.

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

TABLE 2. Degrees awarded in all fields, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Men	Women	% women	Men	Women	% women	Men	Women	% women
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	22,302	8,937	28.6
1980	477,750	462,501	49.2	151,159	147,936	49.5	21,612	9,408	30.3
1981	474,336	472,541	49.9	147,431	149,367	50.3	21,464	9,892	31.5
1982	477,543	486,500	50.5	145,941	150,639	50.8	21,017	10,093	32.4
1983	483,395	497,284	50.7	145,114	145,817	50.1	20,748	10,533	33.7
1984	486,750	499,595	50.7	143,998	141,464	49.6	20,637	10,699	34.1
1985	486,660	504,217	50.9	143,716	143,497	50.0	20,552	10,744	34.3
1986	490,143	510,061	51.0	143,932	145,897	50.3	20,594	11,307	35.4
1987	485,003	518,529	51.7	141,655	148,877	51.2	20,938	11,432	35.3
1988	481,236	524,797	52.2	145,403	154,688	51.5	21,680	11,819	35.3
1989	487,566	542,605	52.7	149,399	161,651	52.0	21,814	12,513	36.5
1990	495,867	566,284	53.3	154,025	170,922	52.6	22,960	13,107	36.3
1991	508,952	599,045	54.1	156,895	181,603	53.6	23,522	13,873	37.1
1992	525,395	624,677	54.3	162,299	191,908	54.2	24,232	14,436	37.3
1993	537,536	641,742	54.4	169,753	201,220	54.2	24,384	15,121	38.3
1994	537,061	646,080	54.6	176,762	212,246	54.6	25,059	15,822	38.7
1995	531,146	643,290	54.8	179,198	220,230	55.1	25,161	16,418	39.5
1996	528,000	651,815	55.2	180,360	228,572	55.9	25,286	16,956	40.1
1997	525,282	661,307	55.7	181,457	239,497	56.9	24,943	17,241	40.9
1998	525,714	673,865	56.2	185,061	246,810	57.1	24,633	17,849	42.0
1999	NA	NA	NA	NA	NA	NA	23,434	17,480	42.7
2000	536,158	716,963	57.2	191,234	265,026	58.1	23,166	18,125	43.9
2001	536,023	721,625	57.4	193,006	273,639	58.6	22,793	17,951	44.1
2002	553,957	751,773	57.6	198,097	283,035	58.8	21,771	18,124	45.4
2003	575,977	783,866	57.6	210,758	300,845	58.8	22,201	18,410	45.3
2004	596,192	810,817	57.6	227,335	328,202	59.1	22,976	19,098	45.4

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

NOTE: Data on first professional degrees are provided in tables 58, 59, and 60.

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

TABLE 3. Science and engineering degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Men	Women	% women	Men	Women	% women	Men	Women	% women
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	13,925	4,350	23.8
1983	194,380	123,191	38.8	46,734	20,999	31.0	13,920	4,715	25.3
1984	199,150	125,134	38.6	47,049	21,533	31.4	13,955	4,792	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	14,269	5,167	26.6
1987	199,981	131,545	39.7	48,759	23,844	32.8	14,582	5,312	26.7
1988	191,549	130,933	40.6	49,820	23,835	32.4	15,269	5,662	27.1
1989	189,338	133,483	41.3	50,845	25,580	33.5	15,623	6,109	28.1
1990	189,082	140,012	42.5	51,230	26,558	34.1	16,498	6,371	27.9
1991	189,328	148,347	43.9	50,441	27,927	35.6	16,983	6,932	29.0
1992	195,779	159,486	44.9	52,157	28,950	35.7	17,420	7,080	28.9
1993	200,315	165,720	45.3	55,454	30,971	35.8	17,568	7,652	30.3
1994	202,284	170,977	45.8	57,970	33,441	36.6	18,165	7,922	30.4
1995	202,217	175,931	46.5	58,518	35,791	38.0	18,117	8,287	31.4
1996	203,341	181,333	47.1	57,860	37,453	39.3	18,454	8,649	31.9
1997	201,471	187,011	48.1	55,223	38,262	40.9	18,083	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	9,082	35.2
2000	197,669	200,953	50.4	54,213	41,470	43.3	16,521	9,393	36.2
2001	197,623	202,583	50.6	55,593	43,393	43.8	16,174	9,331	36.6
2002	204,408	211,203	50.8	55,701	43,472	43.8	15,374	9,159	37.3
2003	218,057	221,377	50.4	61,140	46,599	43.3	15,728	9,477	37.6
2004	225,566	229,412	50.4	66,764	51,615	43.6	16,405	9,819	37.4

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

NOTE: See appendix B for specific fields that are included in science and engineering.

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

TABLE 4. Degrees awarded in fields other than science and engineering, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Men	Women	% women	Men	Women	% women	Men	Women	% women
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	8,174	5,193	38.8
1980	286,535	349,021	54.9	105,155	129,851	55.3	7,798	5,447	41.1
1981	283,359	356,726	55.7	101,926	130,506	56.1	7,408	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	5,853	47.3
1986	285,400	379,399	57.1	95,311	122,678	56.3	6,325	6,140	49.3
1987	285,022	386,984	57.6	92,896	125,033	57.4	6,356	6,120	49.1
1988	289,687	393,864	57.6	95,583	130,853	57.8	6,411	6,157	49.0
1989	298,228	409,122	57.8	98,554	136,071	58.0	6,191	6,404	50.8
1990	306,785	426,272	58.1	102,795	144,364	58.4	6,462	6,736	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	7,356	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	7,044	8,131	53.6
1996	324,659	470,482	59.2	122,500	191,119	60.9	6,832	8,307	54.9
1997	323,811	474,296	59.4	126,234	201,235	61.5	6,860	8,307	54.8
1998	325,493	483,468	59.8	129,726	208,227	61.6	6,823	8,500	55.5
1999	NA	NA	NA	NA	NA	NA	6,699	8,398	55.6
2000	338,489	516,010	60.4	137,021	223,556	62.0	6,645	8,732	56.8
2001	338,400	519,042	60.5	137,413	230,246	62.6	6,619	8,620	56.6
2002	349,549	540,570	60.7	142,396	239,563	62.7	6,397	8,965	58.4
2003	357,920	562,489	61.1	149,618	254,246	63.0	6,473	8,933	58.0
2004	370,626	581,405	61.1	160,571	276,587	63.3	6,571	9,279	58.5

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

NOTE: See appendix B for fields included in this table as other than science and engineering.

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

TABLE 5. Bachelor's degrees awarded, by major field group: 1966–2004

Academic year ending	Science and engineering fields									
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E fields
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	1,253,121	398,622	83,148	4,047	49,123	14,580	74,654	113,534	59,536	854,499
2001	1,257,648	400,206	79,556	3,968	54,639	14,163	74,168	114,454	59,258	857,442
2002	1,305,730	415,611	79,128	3,984	61,408	14,016	77,323	119,113	60,639	890,119
2003	1,359,843	439,434	79,622	3,949	69,211	14,122	79,115	129,642	63,773	920,409
2004	1,407,009	454,978	80,933	3,903	71,160	14,240	82,510	137,557	64,675	952,031

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.

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

SOURCE: Tabulated by National Science Foundation/Division of Science Resources 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: 1966–2004

Academic year ending	Science and engineering fields									
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E fields
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	9.1	4.8	68.2
2001	100.0	31.8	6.3	0.3	4.3	1.1	5.9	9.1	4.7	68.2
2002	100.0	31.8	6.1	0.3	4.7	1.1	5.9	9.1	4.6	68.2
2003	100.0	32.3	5.9	0.3	5.1	1.0	5.8	9.5	4.7	67.7
2004	100.0	32.3	5.8	0.3	5.1	1.0	5.9	9.8	4.6	67.7

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.

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 National Science Foundation/Division of Science Resources Statistics; data from 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: 1966–2004

Academic year ending	Science and engineering fields									
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E fields
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	536,158	197,669	36,726	2,430	33,045	8,590	17,540	52,018	47,320	338,489
2001	536,023	197,623	33,981	2,346	37,242	8,252	16,701	51,757	47,344	338,400
2002	553,957	204,408	32,799	2,282	42,142	8,034	17,397	53,802	47,952	349,549
2003	575,977	218,057	32,142	2,298	48,142	8,238	17,616	58,818	50,803	357,920
2004	596,192	225,566	32,306	2,256	50,436	8,238	18,302	62,610	51,418	370,626

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.

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

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from 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: 1966–2004

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	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	36.9	6.3	0.4	6.9	1.5	3.1	9.7	8.8	63.1	
2002	100.0	36.9	5.9	0.4	7.6	1.5	3.1	9.7	8.7	63.1	
2003	100.0	37.9	5.6	0.4	8.4	1.4	3.1	10.2	8.8	62.1	
2004	100.0	37.8	5.4	0.4	8.5	1.4	3.1	10.5	8.6	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.

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 National Science Foundation/Division of Science Resources Statistics; data from 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: 1966–2004

Academic year ending	Science and engineering fields									
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E fields
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	716,963	200,953	46,422	1,617	16,078	5,990	57,114	61,516	12,216	516,010
2001	721,625	202,583	45,575	1,622	17,397	5,911	57,467	62,697	11,914	519,042
2002	751,773	211,203	46,329	1,702	19,266	5,982	59,926	65,311	12,687	540,570
2003	783,866	221,377	47,480	1,651	21,069	5,884	61,499	70,824	12,970	562,489
2004	810,817	229,412	48,627	1,647	20,724	6,002	64,208	74,947	13,257	581,405

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.

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

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from 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: 1966–2004

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	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	8.0	8.6	1.7	72.0	
2001	100.0	28.1	6.3	0.2	2.4	0.8	8.0	8.7	1.7	71.9	
2002	100.0	28.1	6.2	0.2	2.6	0.8	8.0	8.7	1.7	71.9	
2003	100.0	28.2	6.1	0.2	2.7	0.8	7.8	9.0	1.7	71.8	
2004	100.0	28.3	6.0	0.2	2.6	0.7	7.9	9.2	1.6	71.7	

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.

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 National Science Foundation/Division of Science Resources Statistics; data from 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: 1966–2004

Academic year ending	Science and engineering fields									
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E fields
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	57.2	50.4	55.8	40.0	32.7	41.1	76.5	54.2	20.5	60.4
2001	57.4	50.6	57.3	40.9	31.8	41.7	77.5	54.8	20.1	60.5
2002	57.6	50.8	58.5	42.7	31.4	42.7	77.5	54.8	20.9	60.7
2003	57.6	50.4	59.6	41.8	30.4	41.7	77.7	54.6	20.3	61.1
2004	57.6	50.4	60.1	42.2	29.1	42.1	77.8	54.5	20.5	61.1

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.

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

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from 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: 1966–2004

Academic year ending	Science and engineering fields									
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E fields
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	456,260	95,683	10,183	1,345	17,824	3,512	13,708	23,375	25,736	360,577
2001	466,645	98,986	10,239	1,363	19,621	3,737	14,335	23,168	26,523	367,659
2002	481,132	99,173	10,353	1,406	19,990	3,624	14,041	23,493	26,266	381,959
2003	511,603	107,739	10,661	1,491	22,954	3,702	14,469	24,758	29,704	403,864
2004	555,537	118,379	11,777	1,570	24,150	4,030	15,298	27,682	33,872	437,158

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.

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

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from 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: 1966–2004

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	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	21.0	2.2	0.3	3.9	0.8	3.0	5.1	5.6	79.0
2001	100.0	21.2	2.2	0.3	4.2	0.8	3.1	5.0	5.7	78.8
2002	100.0	20.6	2.2	0.3	4.2	0.8	2.9	4.9	5.5	79.4
2003	100.0	21.1	2.1	0.3	4.5	0.7	2.8	4.8	5.8	78.9
2004	100.0	21.3	2.1	0.3	4.3	0.7	2.8	5.0	6.1	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.

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 National Science Foundation/Division of Science Resources Statistics; data from 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: 1966–2004

Academic year ending	Science and engineering fields									
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E fields
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	191,234	54,213	4,854	832	11,458	2,297	3,415	10,961	20,396	137,021
2001	193,006	55,593	4,647	799	12,724	2,436	3,477	10,615	20,895	137,413
2002	198,097	55,701	4,687	834	13,020	2,298	3,369	10,801	20,692	142,396
2003	210,758	61,140	4,696	879	15,186	2,378	3,369	11,112	23,520	149,618
2004	227,335	66,764	5,091	869	16,005	2,517	3,348	12,197	26,737	160,571

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.

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

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from 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: 1966–2004

Academic year ending	Science and engineering fields									
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E fields
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	6.0	1.2	1.8	5.7	10.7	71.7
2001	100.0	28.8	2.4	0.4	6.6	1.3	1.8	5.5	10.8	71.2
2002	100.0	28.1	2.4	0.4	6.6	1.2	1.7	5.5	10.4	71.9
2003	100.0	29.0	2.2	0.4	7.2	1.1	1.6	5.3	11.2	71.0
2004	100.0	29.4	2.2	0.4	7.0	1.1	1.5	5.4	11.8	70.6

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.

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 National Science Foundation/Division of Science Resources Statistics; data from 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: 1966–2004

Academic year ending	Science and engineering fields									
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E fields
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	265,026	41,470	5,329	513	6,366	1,215	10,293	12,414	5,340	223,556
2001	273,639	43,393	5,592	564	6,897	1,301	10,858	12,553	5,628	230,246
2002	283,035	43,472	5,666	572	6,970	1,326	10,672	12,692	5,574	239,563
2003	300,845	46,599	5,965	612	7,768	1,324	11,100	13,646	6,184	254,246
2004	328,202	51,615	6,686	701	8,145	1,513	11,950	15,485	7,135	276,587

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.

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

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from 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: 1966–2004

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	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	4.7	2.0	84.4	
2001	100.0	15.9	2.0	0.2	2.5	0.5	4.0	4.6	2.1	84.1	
2002	100.0	15.4	2.0	0.2	2.5	0.5	3.8	4.5	2.0	84.6	
2003	100.0	15.5	2.0	0.2	2.6	0.4	3.7	4.5	2.1	84.5	
2004	100.0	15.7	2.0	0.2	2.5	0.5	3.6	4.7	2.2	84.3	

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.

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 National Science Foundation/Division of Science Resources Statistics; data from 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: 1966–2004

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	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	35.7	34.6	75.1	53.1	20.7	62.0	
2001	58.6	43.8	54.6	41.4	35.2	34.8	75.7	54.2	21.2	62.6	
2002	58.8	43.8	54.7	40.7	34.9	36.6	76.0	54.0	21.2	62.7	
2003	58.8	43.3	56.0	41.0	33.8	35.8	76.7	55.1	20.8	63.0	
2004	59.1	43.6	56.8	44.6	33.7	37.5	78.1	55.9	21.1	63.3	

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.

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

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

TABLE 19. Doctoral degrees awarded, by major field group: 1966–2004

Academic year ending	Science and engineering fields									
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E fields
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	415	830	3,085	1,295	1,911	2,607	7,294
1968	22,937	14,645	3,511	434	971	3,239	1,464	2,162	2,864	8,292
1969	25,743	16,288	3,815	496	1,070	3,428	1,766	2,437	3,276	9,455
1970	29,498	18,052	4,165	498	1,225	3,893	1,890	2,935	3,446	11,446
1971	31,867	19,381	4,557	536	1,238	3,949	2,145	3,442	3,514	12,486
1972	33,041	19,342	4,476	576	1,281	3,653	2,279	3,568	3,509	13,699
1973	33,755	19,373	4,558	569	1,233	3,444	2,458	3,737	3,374	14,382
1974	33,047	18,714	4,357	562	1,211	3,136	2,598	3,689	3,161	14,333
1975	32,952	18,799	4,479	548	1,147	3,076	2,751	3,787	3,011	14,153
1976	32,946	18,472	4,422	580	1,003	2,861	2,883	3,885	2,838	14,474
1977	31,716	18,008	4,320	635	964	2,721	2,990	3,730	2,648	13,708
1978	30,875	17,653	4,414	576	959	2,611	3,055	3,613	2,425	13,222
1979	31,239	17,872	4,554	589	979	2,674	3,091	3,491	2,494	13,367
1980	31,020	17,775	4,755	588	962	2,521	3,098	3,372	2,479	13,245
1981	31,356	18,257	4,839	529	960	2,627	3,358	3,416	2,528	13,099
1982	31,110	18,275	4,897	604	940	2,694	3,159	3,335	2,646	12,835
1983	31,281	18,635	4,806	574	987	2,814	3,347	3,326	2,781	12,646
1984	31,336	18,747	4,922	563	993	2,851	3,257	3,249	2,912	12,589
1985	31,296	18,934	4,945	557	998	2,934	3,117	3,217	3,166	12,362
1986	31,901	19,436	4,838	524	1,128	3,120	3,126	3,324	3,376	12,465
1987	32,370	19,894	4,844	573	1,190	3,238	3,173	3,164	3,712	12,476
1988	33,500	20,932	5,184	637	1,264	3,350	3,074	3,236	4,187	12,568
1989	34,327	21,732	5,270	655	1,471	3,261	3,208	3,324	4,543	12,595
1990	36,068	22,869	5,552	688	1,597	3,524	3,282	3,332	4,894	13,199
1991	37,531	24,020	5,757	780	1,838	3,626	3,250	3,555	5,214	13,511
1992	38,887	24,673	5,919	737	1,927	3,780	3,262	3,610	5,438	14,214
1993	39,800	25,443	6,128	703	2,026	3,699	3,420	3,769	5,698	14,357
1994	41,035	26,205	6,341	763	2,021	3,977	3,379	3,903	5,821	14,830
1995	41,750	26,536	6,493	699	2,187	3,841	3,429	3,879	6,008	15,214
1996	42,439	27,241	6,842	711	2,042	3,839	3,495	4,003	6,309	15,198
1997	42,541	27,232	6,867	782	2,032	3,769	3,557	4,110	6,115	15,309
1998	42,647	27,278	6,955	741	2,104	3,824	3,675	4,055	5,924	15,369
1999	41,092	25,933	6,647	706	1,939	3,579	3,668	4,064	5,330	15,159
2000	41,365	25,966	6,892	663	1,909	3,407	3,618	4,156	5,321	15,399
2001	40,824	25,548	6,666	630	1,833	3,394	3,442	4,078	5,505	15,276
2002	39,989	24,588	6,699	673	1,725	3,212	3,199	4,004	5,076	15,401
2003	40,770	25,289	6,758	646	1,859	3,325	3,281	4,142	5,278	15,481
2004	42,155	26,275	6,983	672	2,024	3,353	3,336	4,131	5,776	15,880

S&E = science and engineering.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 20. Percentage distribution of doctoral degrees awarded, by major field group: 1966–2004

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	12.5	36.2
1969	100.0	63.3	14.8	1.9	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	11.7	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	1.7	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	9.6	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	7.9	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	1.8	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	9.4	10.0	10.3	10.1	39.5
1986	100.0	60.9	15.2	1.6	3.5	9.8	9.8	10.4	10.6	39.1
1987	100.0	61.5	15.0	1.8	3.7	10.0	9.8	9.8	11.5	38.5
1988	100.0	62.5	15.5	1.9	3.8	10.0	9.2	9.7	12.5	37.5
1989	100.0	63.3	15.4	1.9	4.3	9.5	9.3	9.7	13.2	36.7
1990	100.0	63.4	15.4	1.9	4.4	9.8	9.1	9.2	13.6	36.6
1991	100.0	64.0	15.3	2.1	4.9	9.7	8.7	9.5	13.9	36.0
1992	100.0	63.4	15.2	1.9	5.0	9.7	8.4	9.3	14.0	36.6
1993	100.0	63.9	15.4	1.8	5.1	9.3	8.6	9.5	14.3	36.1
1994	100.0	63.9	15.5	1.9	4.9	9.7	8.2	9.5	14.2	36.1
1995	100.0	63.6	15.6	1.7	5.2	9.2	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	1.8	4.8	8.9	8.4	9.7	14.4	36.0
1998	100.0	64.0	16.3	1.7	4.9	9.0	8.6	9.5	13.9	36.0
1999	100.0	63.1	16.2	1.7	4.7	8.7	8.9	9.9	13.0	36.9
2000	100.0	62.8	16.7	1.6	4.6	8.2	8.7	10.0	12.9	37.2
2001	100.0	62.6	16.3	1.5	4.5	8.3	8.4	10.0	13.5	37.4
2002	100.0	61.5	16.8	1.7	4.3	8.0	8.0	10.0	12.7	38.5
2003	100.0	62.0	16.6	1.6	4.6	8.2	8.0	10.2	12.9	38.0
2004	100.0	62.3	16.6	1.6	4.8	8.0	7.9	9.8	13.7	37.7

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/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 21. Doctoral degrees awarded to men, by major field group: 1966–2004

Academic year ending	Science and engineering fields									
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E fields
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	409	782	2,930	1,030	1,699	2,598	5,948
1968	20,005	13,328	3,028	423	924	3,064	1,131	1,906	2,852	6,677
1969	22,355	14,781	3,277	476	1,014	3,242	1,350	2,156	3,266	7,574
1970	25,527	16,404	3,627	483	1,148	3,666	1,446	2,604	3,430	9,123
1971	27,271	17,385	3,897	523	1,142	3,718	1,615	2,992	3,498	9,886
1972	27,754	17,191	3,802	555	1,185	3,404	1,670	3,088	3,487	10,563
1973	27,670	16,853	3,764	547	1,113	3,209	1,741	3,151	3,328	10,817
1974	26,594	16,043	3,571	534	1,096	2,902	1,797	3,016	3,127	10,551
1975	25,751	15,870	3,622	526	1,038	2,812	1,878	3,035	2,959	9,881
1976	25,262	15,375	3,559	528	890	2,617	1,937	3,061	2,783	9,887
1977	23,858	14,775	3,470	583	837	2,477	1,902	2,932	2,574	9,083
1978	22,553	14,199	3,449	522	828	2,364	1,928	2,736	2,372	8,354
1979	22,302	14,128	3,516	538	833	2,382	1,831	2,596	2,432	8,174
1980	21,612	13,814	3,599	530	846	2,199	1,787	2,464	2,389	7,798
1981	21,464	14,056	3,607	484	822	2,318	1,885	2,511	2,429	7,408
1982	21,017	13,925	3,594	512	824	2,337	1,721	2,415	2,522	7,092
1983	20,748	13,920	3,429	490	838	2,441	1,750	2,315	2,657	6,828
1984	20,637	13,955	3,565	466	841	2,452	1,626	2,244	2,761	6,682
1985	20,552	14,043	3,530	455	859	2,467	1,576	2,188	2,968	6,509
1986	20,594	14,269	3,378	437	959	2,610	1,527	2,207	3,151	6,325
1987	20,938	14,582	3,307	467	1,000	2,710	1,475	2,153	3,470	6,356
1988	21,680	15,269	3,477	518	1,087	2,783	1,392	2,111	3,901	6,411
1989	21,814	15,623	3,481	527	1,208	2,642	1,408	2,189	4,168	6,191
1990	22,960	16,498	3,680	558	1,329	2,863	1,368	2,221	4,479	6,462
1991	23,522	16,983	3,743	611	1,514	2,934	1,249	2,229	4,703	6,539
1992	24,232	17,420	3,816	560	1,588	2,985	1,327	2,284	4,860	6,812
1993	24,384	17,568	3,800	552	1,602	2,880	1,322	2,315	5,097	6,816
1994	25,059	18,165	3,939	598	1,641	3,128	1,273	2,436	5,150	6,894
1995	25,161	18,117	3,989	555	1,727	2,944	1,245	2,387	5,270	7,044
1996	25,286	18,454	4,100	555	1,656	2,970	1,162	2,523	5,488	6,832
1997	24,943	18,083	4,045	595	1,594	2,893	1,162	2,478	5,316	6,860
1998	24,633	17,810	4,075	549	1,637	2,879	1,206	2,353	5,111	6,823
1999	23,434	16,735	3,920	524	1,495	2,733	1,209	2,350	4,504	6,699
2000	23,166	16,521	3,945	473	1,506	2,567	1,204	2,367	4,459	6,645
2001	22,793	16,174	3,762	440	1,400	2,551	1,132	2,322	4,567	6,619
2002	21,771	15,374	3,826	471	1,288	2,346	1,061	2,211	4,171	6,397
2003	22,201	15,728	3,770	443	1,419	2,420	1,042	2,281	4,353	6,473
2004	22,976	16,405	3,825	444	1,519	2,476	1,086	2,305	4,750	6,571

S&E = science and engineering.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 22. Percentage distribution of doctoral degrees awarded to men, by major field group: 1966–2004

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	14.5	33.1	
1968	100.0	66.6	15.1	2.1	4.6	15.3	5.7	9.5	14.3	33.4	
1969	100.0	66.1	14.7	2.1	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	1.9	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	12.6	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	2.0	4.1	10.9	6.8	11.3	11.8	39.7	
1975	100.0	61.6	14.1	2.0	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	2.4	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	63.3	15.8	2.4	3.7	10.7	8.2	11.6	10.9	36.7	
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	11.8	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	2.2	4.2	12.0	7.7	10.6	14.4	31.7	
1986	100.0	69.3	16.4	2.1	4.7	12.7	7.4	10.7	15.3	30.7	
1987	100.0	69.6	15.8	2.2	4.8	12.9	7.0	10.3	16.6	30.4	
1988	100.0	70.4	16.0	2.4	5.0	12.8	6.4	9.7	18.0	29.6	
1989	100.0	71.6	16.0	2.4	5.5	12.1	6.5	10.0	19.1	28.4	
1990	100.0	71.9	16.0	2.4	5.8	12.5	6.0	9.7	19.5	28.1	
1991	100.0	72.2	15.9	2.6	6.4	12.5	5.3	9.5	20.0	27.8	
1992	100.0	71.9	15.7	2.3	6.6	12.3	5.5	9.4	20.1	28.1	
1993	100.0	72.0	15.6	2.3	6.6	11.8	5.4	9.5	20.9	28.0	
1994	100.0	72.5	15.7	2.4	6.5	12.5	5.1	9.7	20.6	27.5	
1995	100.0	72.0	15.9	2.2	6.9	11.7	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	11.6	4.7	9.9	21.3	27.5	
1998	100.0	72.3	16.5	2.2	6.6	11.7	4.9	9.6	20.7	27.7	
1999	100.0	71.4	16.7	2.2	6.4	11.7	5.2	10.0	19.2	28.6	
2000	100.0	71.3	17.0	2.0	6.5	11.1	5.2	10.2	19.2	28.7	
2001	100.0	71.0	16.5	1.9	6.1	11.2	5.0	10.2	20.0	29.0	
2002	100.0	70.6	17.6	2.2	5.9	10.8	4.9	10.2	19.2	29.4	
2003	100.0	70.8	17.0	2.0	6.4	10.9	4.7	10.3	19.6	29.2	
2004	100.0	71.4	16.6	1.9	6.6	10.8	4.7	10.0	20.7	28.6	

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/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 23. Doctoral degrees awarded to women, by major field group: 1966–2004

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	15	77	227	444	331	16	2,323	
1971	4,596	1,996	660	13	96	231	530	450	16	2,600	
1972	5,287	2,151	674	21	96	249	609	480	22	3,136	
1973	6,085	2,520	794	22	120	235	717	586	46	3,565	
1974	6,453	2,671	786	28	115	234	801	673	34	3,782	
1975	7,201	2,929	857	22	109	264	873	752	52	4,272	
1976	7,684	3,097	863	52	113	244	946	824	55	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	9,408	3,961	1,156	58	116	322	1,311	908	90	5,447	
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	10,533	4,715	1,377	84	149	373	1,597	1,011	124	5,818	
1984	10,699	4,792	1,357	97	152	399	1,631	1,005	151	5,907	
1985	10,744	4,891	1,415	102	139	467	1,541	1,029	198	5,853	
1986	11,307	5,167	1,460	87	169	510	1,599	1,117	225	6,140	
1987	11,432	5,312	1,537	106	190	528	1,698	1,011	242	6,120	
1988	11,819	5,662	1,707	119	177	567	1,681	1,125	286	6,157	
1989	12,513	6,109	1,789	128	263	619	1,800	1,135	375	6,404	
1990	13,107	6,371	1,872	130	268	661	1,914	1,111	415	6,736	
1991	13,873	6,932	1,995	166	316	679	1,996	1,313	467	6,941	
1992	14,436	7,080	2,081	171	325	770	1,928	1,299	506	7,356	
1993	15,121	7,652	2,296	142	402	780	2,088	1,422	522	7,469	
1994	15,822	7,922	2,382	159	373	828	2,101	1,444	635	7,900	
1995	16,418	8,287	2,473	142	451	878	2,181	1,466	696	8,131	
1996	16,956	8,649	2,719	149	370	842	2,330	1,462	777	8,307	
1997	17,241	8,934	2,782	182	413	852	2,363	1,592	750	8,307	
1998	17,849	9,349	2,864	189	456	926	2,456	1,684	774	8,500	
1999	17,480	9,082	2,705	179	434	831	2,449	1,696	788	8,398	
2000	18,125	9,393	2,939	187	400	835	2,411	1,784	837	8,732	
2001	17,951	9,331	2,888	189	431	838	2,306	1,750	929	8,620	
2002	18,124	9,159	2,863	202	431	861	2,133	1,781	888	8,965	
2003	18,410	9,477	2,969	202	438	894	2,230	1,848	896	8,933	
2004	19,098	9,819	3,145	228	500	870	2,245	1,817	1,014	9,279	

S&E = science and engineering.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 24. Percentage distribution of doctoral degrees awarded to women, by major field group: 1966–2004

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	13.0	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	0.9	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	1.0	1.5	4.8	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	1.0	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	49.0	14.4	1.2	2.3	5.3	13.4	9.0	3.5	51.0	
1993	100.0	50.6	15.2	0.9	2.7	5.2	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	5.0	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	4.4	48.2	
1998	100.0	52.4	16.0	1.1	2.6	5.2	13.8	9.4	4.3	47.6	
1999	100.0	52.0	15.5	1.0	2.5	4.8	14.0	9.7	4.5	48.0	
2000	100.0	51.8	16.2	1.0	2.2	4.6	13.3	9.8	4.6	48.2	
2001	100.0	52.0	16.1	1.1	2.4	4.7	12.8	9.7	5.2	48.0	
2002	100.0	50.5	15.8	1.1	2.4	4.8	11.8	9.8	4.9	49.5	
2003	100.0	51.5	16.1	1.1	2.4	4.9	12.1	10.0	4.9	48.5	
2004	100.0	51.4	16.5	1.2	2.6	4.6	11.8	9.5	5.3	48.6	

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/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 25. Women as a percentage of all doctoral degree recipients, by major field group: 1966–2004

Academic year ending	Science and engineering fields									
	All fields	Total	Biological and agricultural sciences	Earth, atmospheric, and ocean sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E fields
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	4.0	5.2	5.4	23.6	11.5	0.3	19.9
1970	13.5	9.1	12.9	3.0	6.3	5.8	23.5	11.3	0.5	20.3
1971	14.4	10.3	14.5	2.4	7.8	5.8	24.7	13.1	0.5	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	3.9	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	1.1	26.4
1975	21.9	15.6	19.1	4.0	9.5	8.6	31.7	19.9	1.7	30.2
1976	23.3	16.8	19.5	9.0	11.3	8.5	32.8	21.2	1.9	31.7
1977	24.8	18.0	19.7	8.2	13.2	9.0	36.4	21.4	2.8	33.7
1978	27.0	19.6	21.9	9.4	13.7	9.5	36.9	24.3	2.2	36.8
1979	28.6	20.9	22.8	8.7	14.9	10.9	40.8	25.6	2.5	38.8
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	14.6	15.1	13.3	47.7	30.4	4.5	46.0
1984	34.1	25.6	27.6	17.2	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	18.5	16.0	16.3	53.5	32.0	6.5	49.1
1988	35.3	27.0	32.9	18.7	14.0	16.9	54.7	34.8	6.8	49.0
1989	36.5	28.1	33.9	19.5	17.9	19.0	56.1	34.1	8.3	50.8
1990	36.3	27.9	33.7	18.9	16.8	18.8	58.3	33.3	8.5	51.0
1991	37.0	28.9	34.7	21.3	17.2	18.7	61.4	36.9	9.0	51.4
1992	37.1	28.7	35.2	23.2	16.9	20.4	59.1	36.0	9.3	51.8
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	20.8	18.5	20.8	62.2	37.0	10.9	53.3
1995	39.3	31.2	38.1	20.3	20.6	22.9	63.6	37.8	11.6	53.4
1996	40.0	31.7	39.7	21.0	18.1	21.9	66.7	36.5	12.3	54.7
1997	40.5	32.8	40.5	23.3	20.3	22.6	66.4	38.7	12.3	54.3
1998	41.9	34.3	41.2	25.5	21.7	24.2	66.8	41.5	13.1	55.3
1999	42.5	35.0	40.7	25.4	22.4	23.2	66.8	41.7	14.8	55.4
2000	43.8	36.2	42.6	28.2	21.0	24.5	66.6	42.9	15.7	56.7
2001	44.0	36.5	43.3	30.0	23.5	24.7	67.0	42.9	16.9	56.4
2002	45.3	37.2	42.7	30.0	25.0	26.8	66.7	44.5	17.5	58.2
2003	45.2	37.5	43.9	31.3	23.6	26.9	68.0	44.6	17.0	57.7
2004	45.3	37.4	45.0	33.9	24.7	25.9	67.3	44.0	17.6	58.4

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/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 26. Biological and agricultural sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	3,815	3,277	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	4,558	3,764	794
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	4,479	3,622	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	5,270	3,481	1,789
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	6,341	3,939	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	4,100	2,719
1997	82,500	39,967	42,533	10,521	5,308	5,213	6,867	4,045	2,782
1998	85,079	40,235	44,844	10,230	5,167	5,063	6,955	4,075	2,864
1999	NA	NA	NA	NA	NA	NA	6,647	3,920	2,705
2000	83,148	36,726	46,422	10,183	4,854	5,329	6,892	3,945	2,939
2001	79,556	33,981	45,575	10,239	4,647	5,592	6,666	3,762	2,888
2002	79,128	32,799	46,329	10,353	4,687	5,666	6,699	3,826	2,863
2003	79,622	32,142	47,480	10,661	4,696	5,965	6,758	3,770	2,969
2004	80,933	32,306	48,627	11,777	5,091	6,686	6,983	3,825	3,145

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

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

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

TABLE 27. Agricultural sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	723	711	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	1,110	781	328
1999	NA	NA	NA	NA	NA	NA	1,065	749	311
2000	18,244	9,780	8,464	3,858	2,039	1,819	1,038	719	317
2001	17,467	8,976	8,491	3,752	1,915	1,837	975	629	339
2002	17,360	8,726	8,634	4,019	2,022	1,997	1,009	683	318
2003	17,693	8,734	8,959	3,955	1,896	2,059	1,061	685	370
2004	17,041	8,327	8,714	4,221	1,965	2,256	1,046	644	398

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

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

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

TABLE 28. Biological sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	3,648	2,890	758
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	3,497	2,691	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	4,116	2,574	1,542
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	5,202	3,075	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	3,287	2,415
1997	65,139	29,873	35,266	6,594	3,076	3,518	5,789	3,262	2,495
1998	67,112	30,011	37,101	6,368	3,014	3,354	5,845	3,294	2,536
1999	NA	NA	NA	NA	NA	NA	5,582	3,171	2,394
2000	64,904	26,946	37,958	6,325	2,815	3,510	5,854	3,226	2,622
2001	62,089	25,005	37,084	6,487	2,732	3,755	5,691	3,133	2,549
2002	61,768	24,073	37,695	6,334	2,665	3,669	5,690	3,143	2,545
2003	61,929	23,408	38,521	6,706	2,800	3,906	5,697	3,085	2,599
2004	63,892	23,979	39,913	7,556	3,126	4,430	5,937	3,181	2,747

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

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

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

TABLE 29. Earth, atmospheric, and ocean sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	1,712	1,551	161	759	714	45	404	392	12
1967	1,936	1,739	197	971	916	55	415	409	6
1968	2,339	2,105	234	1,008	937	71	434	423	11
1969	2,924	2,633	291	1,124	1,035	89	496	476	20
1970	3,351	3,008	343	1,124	999	125	498	483	15
1971	3,562	3,179	383	1,227	1,111	116	536	523	13
1972	4,055	3,560	495	1,408	1,256	152	576	555	21
1973	4,374	3,842	532	1,470	1,294	176	569	547	22
1974	4,823	4,055	768	1,679	1,482	197	562	534	28
1975	4,877	4,050	827	1,503	1,309	194	548	526	22
1976	5,046	4,124	922	1,581	1,361	220	580	528	52
1977	5,653	4,479	1,174	1,659	1,433	226	635	583	52
1978	6,003	4,709	1,294	1,832	1,542	290	576	522	54
1979	6,082	4,695	1,387	1,777	1,467	310	589	538	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	574	490	84
1984	7,925	5,991	1,934	1,982	1,517	465	563	466	97
1985	7,576	5,715	1,861	2,160	1,639	521	557	455	102
1986	6,076	4,722	1,354	2,234	1,717	517	524	437	87
1987	4,689	3,629	1,060	2,051	1,531	520	573	467	106
1988	3,554	2,707	847	1,920	1,433	487	637	518	119
1989	3,181	2,380	801	1,819	1,337	482	655	527	128
1990	2,776	2,001	775	1,596	1,218	378	688	558	130
1991	2,728	1,946	782	1,499	1,116	383	780	611	166
1992	3,201	2,177	1,024	1,425	1,057	368	737	560	171
1993	3,503	2,453	1,050	1,397	1,006	391	703	552	142
1994	3,868	2,665	1,203	1,418	994	424	763	598	159
1995	4,478	2,954	1,524	1,483	1,032	451	699	555	142
1996	4,457	2,972	1,485	1,487	1,051	436	711	555	149
1997	4,466	2,924	1,542	1,435	948	487	782	595	182
1998	4,321	2,722	1,599	1,426	932	494	741	549	189
1999	NA	NA	NA	NA	NA	NA	706	524	179
2000	4,047	2,430	1,617	1,345	832	513	663	473	187
2001	3,968	2,346	1,622	1,363	799	564	630	440	189
2002	3,984	2,282	1,702	1,406	834	572	673	471	202
2003	3,949	2,298	1,651	1,491	879	612	646	443	202
2004	3,903	2,256	1,647	1,570	869	701	672	444	228

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

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

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

TABLE 30. Atmospheric sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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

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

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

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

TABLE 31. Earth sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	1,510	1,353	157	594	557	37	331	320	11
1967	1,685	1,494	191	706	659	47	327	323	4
1968	2,043	1,819	224	787	724	63	338	329	9
1969	2,583	2,310	273	861	784	77	406	389	17
1970	3,002	2,668	334	847	735	112	377	367	10
1971	3,085	2,712	373	922	822	100	424	412	12
1972	3,410	2,939	471	1,067	937	130	420	402	18
1973	3,831	3,327	504	1,142	988	154	423	406	17
1974	4,292	3,553	739	1,285	1,106	179	424	406	18
1975	4,318	3,530	788	1,151	979	172	417	400	17
1976	4,441	3,568	873	1,232	1,046	186	415	385	30
1977	4,998	3,896	1,102	1,300	1,109	191	420	383	37
1978	5,416	4,185	1,231	1,456	1,199	257	373	336	37
1979	5,467	4,153	1,314	1,435	1,165	270	383	345	38
1980	5,536	4,170	1,366	1,481	1,186	295	388	353	35
1981	6,110	4,550	1,560	1,527	1,175	352	354	321	33
1982	6,429	4,731	1,698	1,682	1,301	381	406	341	65
1983	6,774	5,007	1,767	1,673	1,279	394	368	315	53
1984	7,285	5,477	1,808	1,617	1,216	401	383	321	62
1985	7,001	5,244	1,757	1,806	1,361	445	385	310	75
1986	5,555	4,292	1,263	1,895	1,444	451	346	278	68
1987	4,189	3,218	971	1,729	1,272	457	375	299	76
1988	3,061	2,298	763	1,630	1,209	421	425	343	82
1989	2,707	1,995	712	1,511	1,099	412	455	363	92
1990	2,256	1,600	656	1,316	991	325	477	392	85
1991	2,214	1,530	684	1,195	887	308	560	436	124
1992	2,573	1,709	864	1,102	805	297	503	385	115
1993	2,901	1,978	923	1,052	756	296	479	384	89
1994	3,266	2,194	1,072	1,073	745	328	509	411	95
1995	3,820	2,456	1,364	1,142	789	353	454	362	91
1996	3,838	2,504	1,334	1,146	799	347	452	361	88
1997	3,830	2,445	1,385	1,145	752	393	489	366	119
1998	3,665	2,262	1,403	1,105	708	397	504	376	127
1999	NA	NA	NA	NA	NA	NA	452	338	112
2000	3,359	1,950	1,409	1,104	670	434	386	277	108
2001	3,334	1,934	1,400	1,121	649	472	393	278	115
2002	3,234	1,788	1,446	1,151	678	473	428	307	121
2003	3,252	1,846	1,406	1,203	702	501	374	269	104
2004	3,170	1,812	1,358	1,248	682	566	420	288	132

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

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

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

TABLE 32. Ocean sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	18	17	1	68	62	6	39	39	0
1967	39	37	2	96	93	3	48	47	1
1968	74	69	5	109	103	6	49	48	1
1969	113	108	5	123	116	7	42	39	3
1970	117	109	8	143	133	10	66	64	2
1971	228	222	6	152	140	12	53	52	1
1972	356	348	8	173	155	18	78	77	1
1973	292	273	19	154	141	13	88	84	4
1974	237	223	14	199	188	11	81	73	8
1975	253	235	18	169	157	12	86	83	3
1976	240	227	13	152	135	17	89	75	14
1977	282	245	37	146	123	23	122	116	6
1978	234	206	28	177	156	21	126	112	14
1979	289	253	36	161	137	24	122	112	10
1980	252	198	54	142	115	27	110	95	15
1981	225	176	49	175	141	34	100	91	9
1982	220	177	43	166	119	47	133	110	23
1983	128	113	15	103	77	26	109	84	25
1984	162	134	28	119	88	31	99	72	27
1985	161	125	36	118	82	36	92	69	23
1986	166	134	32	135	101	34	100	89	11
1987	155	127	28	106	72	34	111	95	16
1988	145	118	27	99	69	30	109	83	26
1989	144	107	37	102	64	38	113	87	26
1990	160	115	45	82	53	29	128	97	31
1991	154	113	41	132	91	41	112	86	26
1992	216	137	79	143	105	38	114	83	29
1993	233	170	63	143	89	54	125	89	35
1994	197	142	55	148	99	49	125	86	38
1995	214	136	78	138	91	47	115	87	28
1996	185	120	65	142	88	54	134	94	39
1997	205	131	74	113	61	52	144	105	38
1998	213	121	92	122	77	45	112	80	32
1999	NA	NA	NA	NA	NA	NA	130	85	45
2000	198	104	94	85	43	42	134	88	46
2001	178	88	90	102	50	52	121	75	46
2002	225	120	105	114	61	53	128	78	50
2003	135	66	69	121	65	56	133	74	59
2004	161	75	86	143	75	68	126	76	50

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

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

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

TABLE 33. Mathematics and computer sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	1,070	1,014	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	1,190	1,000	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	1,471	1,208	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	1,637	456
1999	NA	NA	NA	NA	NA	NA	1,939	1,495	434
2000	49,123	33,045	16,078	17,824	11,458	6,366	1,909	1,506	400
2001	54,639	37,242	17,397	19,621	12,724	6,897	1,833	1,400	431
2002	61,408	42,142	19,266	19,990	13,020	6,970	1,725	1,288	431
2003	69,211	48,142	21,069	22,954	15,186	7,768	1,859	1,419	438
2004	71,160	50,436	20,724	24,150	16,005	8,145	2,024	1,519	500

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

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

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

TABLE 34. Computer sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate ^a		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	89	76	13	238	221	17	19	19	0
1967	222	198	24	449	423	26	38	37	1
1968	459	404	55	548	518	30	36	36	0
1969	933	812	121	1,012	939	73	64	62	2
1970	1,544	1,345	199	1,459	1,324	135	107	105	2
1971	2,388	2,064	324	1,588	1,424	164	128	125	3
1972	3,402	2,941	461	1,977	1,752	225	167	155	12
1973	4,305	3,665	640	2,113	1,888	225	196	181	15
1974	4,757	3,977	780	2,276	1,983	293	198	189	9
1975	5,039	4,083	956	2,299	1,961	338	213	199	14
1976	5,664	4,540	1,124	2,603	2,226	377	244	221	23
1977	6,426	4,887	1,539	2,798	2,332	466	216	197	19
1978	7,224	5,360	1,864	3,038	2,471	567	196	181	15
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	612	504	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	37,388	26,914	10,474	14,529	9,661	4,868	859	716	141
2001	43,184	31,284	11,900	16,341	10,833	5,508	826	669	155
2002	49,135	35,631	13,504	16,582	11,083	5,499	807	638	166
2003	56,329	41,139	15,190	19,248	13,157	6,091	865	690	175
2004	57,405	42,999	14,406	19,853	13,658	6,195	949	749	195

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, 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 through 1978 are from the Completions Survey.

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

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

TABLE 35. Mathematics degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate ^a		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	1,070	1,014	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	933	811	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	740	615	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	872	297
1999	NA	NA	NA	NA	NA	NA	1,083	803	277
2000	11,735	6,131	5,604	3,295	1,797	1,498	1,050	790	259
2001	11,455	5,958	5,497	3,280	1,891	1,389	1,007	731	276
2002	12,273	6,511	5,762	3,408	1,937	1,471	918	650	265
2003	12,882	7,003	5,879	3,706	2,029	1,677	994	729	263
2004	13,755	7,437	6,318	4,297	2,347	1,950	1,075	770	305

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 1979, when computer sciences was added to the Survey of Earned Doctorates questionnaire.

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

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

TABLE 36. Physical sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	3,428	3,242	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	3,076	2,812	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	2,674	2,382	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	2,814	2,441	373
1984	15,831	11,175	4,656	3,544	2,698	846	2,851	2,452	399
1985	16,270	11,434	4,836	3,605	2,775	830	2,934	2,467	467
1986	15,784	11,088	4,696	3,649	2,736	913	3,120	2,610	510
1987	15,464	10,792	4,672	3,574	2,684	890	3,238	2,710	528
1988	14,255	9,673	4,582	3,708	2,817	891	3,350	2,783	567
1989	14,148	9,777	4,371	3,876	2,836	1,040	3,261	2,642	619
1990	13,425	9,106	4,319	3,805	2,754	1,051	3,524	2,863	661
1991	13,678	9,253	4,425	3,777	2,703	1,074	3,626	2,934	679
1992	13,875	9,289	4,586	3,922	2,834	1,088	3,780	2,985	770
1993	14,188	9,424	4,764	3,965	2,794	1,171	3,699	2,880	780
1994	14,655	9,588	5,067	4,263	3,030	1,233	3,977	3,128	828
1995	14,897	9,605	5,292	4,241	2,958	1,283	3,841	2,944	878
1996	15,396	9,694	5,702	4,364	2,914	1,450	3,839	2,970	842
1997	15,264	9,382	5,882	4,141	2,808	1,333	3,769	2,893	852
1998	15,273	9,279	5,994	3,969	2,529	1,440	3,824	2,879	926
1999	NA	NA	NA	NA	NA	NA	3,579	2,733	831
2000	14,580	8,590	5,990	3,512	2,297	1,215	3,407	2,567	835
2001	14,163	8,252	5,911	3,737	2,436	1,301	3,394	2,551	838
2002	14,016	8,034	5,982	3,624	2,298	1,326	3,212	2,346	861
2003	14,122	8,238	5,884	3,702	2,378	1,324	3,325	2,420	894
2004	14,240	8,238	6,002	4,030	2,517	1,513	3,353	2,476	870

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

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

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

TABLE 37. Astronomy degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	150	139	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	144	116	28
2003	271	161	110	123	81	42	168	127	41
2004	292	169	123	150	97	53	165	119	46

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

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

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

TABLE 38. Chemistry degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	1,967	1,820	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	1,776	1,582	194
1976	11,107	8,610	2,497	1,796	1,413	383	1,624	1,435	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	1,566	1,347	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	2,015	1,588	427
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	2,213	1,620	579
1993	9,109	5,365	3,744	1,853	1,110	743	2,137	1,530	582
1994	9,641	5,672	3,969	2,010	1,183	827	2,257	1,621	625
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	1,526	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	2,132	1,493	632
2000	10,390	5,483	4,907	1,908	1,085	823	1,989	1,361	624
2001	9,822	5,047	4,775	2,009	1,184	825	1,981	1,349	628
2002	9,448	4,719	4,729	1,866	1,014	852	1,923	1,275	647
2003	9,332	4,650	4,682	1,830	1,001	829	2,041	1,386	649
2004	9,305	4,550	4,755	2,056	1,106	950	1,987	1,352	629

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

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

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

TABLE 39. Physics degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	1,172	1,058	114
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	1,216	169
1994	4,005	3,295	710	1,952	1,655	297	1,548	1,364	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	1,401	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	3,457	2,701	756	1,376	1,090	286	1,197	1,036	160
2002	3,651	2,825	826	1,353	1,067	286	1,127	946	177
2003	3,922	3,082	840	1,453	1,140	313	1,080	882	193
2004	4,156	3,248	908	1,637	1,224	413	1,186	1,001	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: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

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

TABLE 40. Other physical sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	13	11	2
1984	903	652	251	265	161	104	6	6	0
1985	1,339	988	351	257	200	57	18	15	3
1986	1,129	811	318	301	222	79	30	25	5
1987	1,180	900	280	210	148	62	26	24	2
1988	868	568	300	237	170	67	33	23	10
1989	815	554	261	237	172	65	17	15	2
1990	803	530	273	170	110	60	31	23	8
1991	821	520	301	278	190	88	21	15	6
1992	801	521	280	184	124	60	30	25	5
1993	832	536	296	196	115	81	18	14	4
1994	846	504	342	172	94	78	28	24	3
1995	876	544	332	191	115	76	27	22	5
1996	832	491	341	290	166	124	13	10	3
1997	805	504	301	283	164	119	22	13	9
1998	777	480	297	294	137	157	24	14	9
1999	NA	NA	NA	NA	NA	NA	17	11	6
2000	668	363	305	258	135	123	29	21	8
2001	644	359	285	259	105	154	30	21	9
2002	641	330	311	293	132	161	18	9	9
2003	597	345	252	296	156	140	36	25	11
2004	487	271	216	187	90	97	15	4	11

NA = not available. Detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999. In the Survey of Earned Doctorates, data on other physical sciences were not collected by sex of recipient until 1983.

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

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

TABLE 41. Psychology degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	3,159	1,721	1,438
1983	40,825	13,228	27,597	8,439	3,254	5,185	3,347	1,750	1,597
1984	40,375	12,949	27,426	8,073	2,980	5,093	3,257	1,626	1,631
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	3,173	1,475	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	3,282	1,368	1,914
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	3,379	1,273	2,101
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	1,162	2,330
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	3,675	1,206	2,456
1999	NA	NA	NA	NA	NA	NA	3,668	1,209	2,449
2000	74,654	17,540	57,114	13,708	3,415	10,293	3,618	1,204	2,411
2001	74,168	16,701	57,467	14,335	3,477	10,858	3,442	1,132	2,306
2002	77,323	17,397	59,926	14,041	3,369	10,672	3,199	1,061	2,133
2003	79,115	17,616	61,499	14,469	3,369	11,100	3,281	1,042	2,230
2004	82,510	18,302	64,208	15,298	3,348	11,950	3,336	1,086	2,245

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

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

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

TABLE 42. Social sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	3,737	3,151	586
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	3,324	2,189	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	2,284	1,299
1993	119,334	61,763	57,571	20,775	11,002	9,773	3,769	2,315	1,422
1994	117,505	59,929	57,576	22,405	11,722	10,683	3,903	2,436	1,444
1995	112,711	56,618	56,093	23,259	11,925	11,334	3,879	2,387	1,466
1996	111,789	54,955	56,834	23,996	11,958	12,038	4,003	2,523	1,462
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	4,055	2,353	1,684
1999	NA	NA	NA	NA	NA	NA	4,064	2,350	1,696
2000	113,534	52,018	61,516	23,375	10,961	12,414	4,156	2,367	1,784
2001	114,454	51,757	62,697	23,168	10,615	12,553	4,078	2,322	1,750
2002	119,113	53,802	65,311	23,493	10,801	12,692	4,004	2,211	1,781
2003	129,642	58,818	70,824	24,758	11,112	13,646	4,142	2,281	1,848
2004	137,557	62,610	74,947	27,682	12,197	15,485	4,131	2,305	1,817

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

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

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

TABLE 43. Economics degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	940	820	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	1,062	864	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	1,102	846	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	263
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	1,156	840	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	791	293
2001	20,377	13,453	6,924	2,492	1,519	973	1,081	773	306
2002	21,827	14,438	7,389	2,651	1,601	1,050	1,024	736	281
2003	23,871	15,775	8,096	2,951	1,790	1,161	1,051	744	302
2004	24,933	16,652	8,281	3,201	1,949	1,252	1,066	752	311

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

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

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

TABLE 44. Political sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	16,842	13,113	3,729	3,065	2,643	422	408	373	35
1967	19,332	15,063	4,269	3,326	2,782	544	501	463	38
1968	22,330	17,466	4,864	3,678	3,112	566	580	514	66
1969	25,782	20,369	5,413	3,964	3,333	631	558	505	53
1970	27,553	22,002	5,551	4,106	3,397	709	636	574	62
1971	29,562	23,516	6,046	4,875	3,977	898	821	724	97
1972	30,677	24,769	5,908	5,573	4,634	939	911	817	94
1973	33,519	26,771	6,748	6,751	5,512	1,239	908	789	119
1974	33,465	26,607	6,858	6,766	5,653	1,113	909	785	124
1975	32,500	24,864	7,636	7,724	6,139	1,585	863	721	142
1976	32,626	24,175	8,451	8,694	6,863	1,831	887	750	137
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	734	564	170
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	824	569	246
1994	45,610	25,136	20,474	12,041	6,417	5,624	930	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	959	594	364
1999	NA	NA	NA	NA	NA	NA	1,016	655	356
2000	36,439	18,092	18,347	13,035	6,315	6,720	987	620	365
2001	36,651	18,014	18,637	12,929	6,088	6,841	984	650	330
2002	38,573	18,830	19,743	13,183	6,205	6,978	938	541	394
2003	43,735	21,269	22,466	14,115	6,392	7,723	1,026	625	397
2004	47,353	23,065	24,288	15,766	6,938	8,828	946	600	344

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

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

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

TABLE 45. Sociology degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	551	323	228
1984	13,347	4,293	9,054	1,015	461	554	534	300	234
1985	12,165	3,767	8,398	1,045	470	575	486	243	243
1986	12,397	3,862	8,535	986	440	546	506	285	221
1987	12,359	3,897	8,462	970	425	545	449	274	175
1988	13,085	4,086	8,999	1,013	437	576	468	219	249
1989	14,393	4,488	9,905	1,169	507	662	458	226	232
1990	15,993	5,047	10,946	1,213	501	712	448	230	218
1991	17,632	5,427	12,205	1,293	514	779	493	247	246
1992	19,644	6,124	13,520	1,379	561	818	512	262	250
1993	21,007	6,638	14,369	1,564	604	960	535	279	255
1994	22,468	7,155	15,313	1,675	652	1,023	548	261	283
1995	22,974	7,435	15,539	1,790	678	1,112	556	258	295
1996	24,169	7,794	16,375	1,822	642	1,180	528	247	276
1997	24,750	7,846	16,904	1,752	610	1,142	601	265	334
1998	24,884	7,762	17,122	1,774	656	1,118	579	260	317
1999	NA	NA	NA	NA	NA	NA	572	228	342
2000	25,685	7,657	18,028	2,036	649	1,387	637	260	376
2001	25,363	7,440	17,923	1,901	643	1,258	577	240	337
2002	25,318	7,307	18,011	1,957	642	1,315	565	220	345
2003	26,191	7,553	18,638	1,929	633	1,296	612	251	361
2004	27,030	7,720	19,310	2,031	673	1,358	598	244	351

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

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

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

TABLE 46. Other social sciences degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	20,045	11,922	8,123	3,134	2,206	928	296	231	65
1967	21,486	12,540	8,946	3,682	2,677	1,005	388	310	78
1968	24,796	14,208	10,588	4,205	2,912	1,293	465	383	82
1969	29,813	16,738	13,075	4,826	3,310	1,516	666	564	102
1970	33,870	19,250	14,620	5,172	3,368	1,804	827	703	124
1971	36,045	20,182	15,863	5,809	3,759	2,050	1,044	864	180
1972	38,202	21,554	16,648	6,138	3,969	2,169	962	775	187
1973	37,843	21,368	16,475	6,357	4,196	2,161	1,109	859	250
1974	35,998	20,117	15,881	6,816	4,324	2,492	1,100	816	284
1975	32,193	17,835	14,358	7,078	4,347	2,731	1,187	876	311
1976	30,399	16,869	13,530	6,664	3,949	2,715	1,217	850	367
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	1,118	686	432
1983	19,198	8,959	10,239	4,411	2,266	2,145	1,149	667	482
1984	17,594	8,233	9,361	4,278	2,164	2,114	1,068	615	453
1985	17,180	7,989	9,191	4,090	2,034	2,056	1,106	640	466
1986	17,252	8,281	8,971	4,079	1,973	2,106	1,140	621	519
1987	18,103	8,504	9,599	3,936	1,964	1,972	1,108	610	498
1988	18,808	8,832	9,976	4,013	2,002	2,011	1,126	612	514
1989	19,843	9,263	10,580	4,167	2,031	2,136	1,104	600	504
1990	22,152	10,294	11,858	4,620	2,256	2,364	1,143	620	523
1991	24,021	10,945	13,076	4,819	2,311	2,508	1,269	622	639
1992	26,299	11,713	14,586	4,975	2,315	2,660	1,243	636	595
1993	27,418	12,263	15,155	5,176	2,420	2,756	1,343	659	675
1994	28,482	12,828	15,654	5,700	2,623	3,077	1,323	686	630
1995	28,676	12,938	15,738	5,829	2,625	3,204	1,277	645	627
1996	29,796	13,059	16,737	5,840	2,638	3,202	1,370	751	618
1997	30,792	13,449	17,343	5,869	2,507	3,362	1,371	663	694
1998	31,024	13,134	17,890	5,964	2,593	3,371	1,361	659	691
1999	NA	NA	NA	NA	NA	NA	1,401	686	707
2000	32,010	13,253	18,757	5,789	2,434	3,355	1,446	696	750
2001	32,063	12,850	19,213	5,846	2,365	3,481	1,436	659	777
2002	33,395	13,227	20,168	5,702	2,353	3,349	1,477	714	761
2003	35,845	14,221	21,624	5,763	2,297	3,466	1,453	661	788
2004	38,241	15,173	23,068	6,684	2,637	4,047	1,521	709	811

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

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

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

TABLE 47. Engineering degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	2,607	2,598	9
1968	37,680	37,464	216	15,232	15,133	99	2,864	2,852	12
1969	41,582	41,270	312	15,248	15,135	113	3,276	3,266	10
1970	44,770	44,433	337	15,597	15,428	169	3,446	3,430	16
1971	45,248	44,887	361	16,367	16,181	186	3,514	3,498	16
1972	45,711	45,219	492	16,764	16,493	271	3,509	3,487	22
1973	46,779	46,203	576	16,545	16,267	278	3,374	3,328	46
1974	43,248	42,550	698	15,205	14,858	347	3,161	3,127	34
1975	39,824	38,979	845	15,167	14,795	372	3,011	2,959	52
1976	38,790	37,473	1,317	16,045	15,477	568	2,838	2,783	55
1977	41,357	39,313	2,044	16,012	15,314	698	2,648	2,574	74
1978	47,251	43,769	3,482	16,080	15,237	843	2,425	2,372	53
1979	53,469	48,588	4,881	15,279	14,342	937	2,494	2,432	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	3,376	3,151	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	4,187	3,901	286
1989	66,947	56,759	10,188	23,743	20,661	3,082	4,543	4,168	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	5,214	4,703	467
1992	61,941	52,305	9,636	25,018	21,349	3,669	5,438	4,860	506
1993	62,705	52,724	9,981	27,664	23,570	4,094	5,698	5,097	522
1994	63,012	52,609	10,403	28,717	24,294	4,423	5,821	5,150	635
1995	63,371	52,421	10,950	28,630	23,998	4,632	6,008	5,270	696
1996	63,114	51,798	11,316	27,761	23,009	4,752	6,309	5,488	777
1997	62,352	50,882	11,470	25,874	21,179	4,695	6,115	5,316	750
1998	60,914	49,575	11,339	26,138	20,975	5,163	5,924	5,111	774
1999	NA	NA	NA	NA	NA	NA	5,330	4,504	788
2000	59,536	47,320	12,216	25,736	20,396	5,340	5,321	4,459	837
2001	59,258	47,344	11,914	26,523	20,895	5,628	5,505	4,567	929
2002	60,639	47,952	12,687	26,266	20,692	5,574	5,076	4,171	888
2003	63,773	50,803	12,970	29,704	23,520	6,184	5,278	4,353	896
2004	64,675	51,418	13,257	33,872	26,737	7,135	5,776	4,750	1,014

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

NOTES: See appendix B for specific fields that are included in this field of study. For data on engineering technology degrees, see table 56. Detail may not sum to total because of missing information on sex for some recipients.

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

TABLE 48. Aeronautical and astronautical engineering degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	207	198	7
1992	2,996	2,658	338	933	850	83	234	217	8
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	273	254	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	203	174	28
2002	1,747	1,435	312	682	557	125	209	184	24
2003	2,017	1,633	384	735	628	107	200	172	27
2004	2,318	1,905	413	870	721	149	201	177	24

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

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

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

TABLE 49. Chemical engineering degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	330	327	3
1968	3,395	3,365	30	1,251	1,237	14	377	374	3
1969	3,768	3,715	53	1,227	1,216	11	422	419	3
1970	3,995	3,938	57	1,127	1,109	18	457	454	3
1971	3,907	3,843	64	1,200	1,173	27	407	403	4
1972	3,967	3,887	80	1,259	1,230	29	391	389	2
1973	3,968	3,874	94	1,139	1,117	22	424	420	4
1974	3,826	3,706	120	1,111	1,080	31	418	409	9
1975	3,420	3,273	147	1,078	1,051	27	396	391	5
1976	3,543	3,254	289	1,129	1,088	41	335	327	8
1977	3,986	3,534	452	1,179	1,110	69	329	319	10
1978	5,205	4,453	752	1,335	1,245	90	282	277	5
1979	6,442	5,387	1,055	1,276	1,156	120	315	306	9
1980	7,276	5,989	1,287	1,393	1,249	144	316	302	14
1981	7,639	6,274	1,365	1,406	1,230	176	317	306	11
1982	8,059	6,447	1,612	1,409	1,222	187	333	314	19
1983	8,550	6,761	1,789	1,545	1,369	176	392	369	23
1984	9,192	7,115	2,077	1,798	1,590	208	409	382	27
1985	8,941	6,848	2,093	1,814	1,529	285	504	463	41
1986	7,411	5,805	1,606	1,641	1,401	240	531	470	61
1987	6,114	4,574	1,540	1,386	1,143	243	584	524	60
1988	4,654	3,522	1,132	1,322	1,107	215	685	620	65
1989	4,187	3,017	1,170	1,321	1,092	229	712	632	80
1990	3,834	2,745	1,089	1,205	1,013	192	658	580	78
1991	3,728	2,564	1,164	1,025	852	173	691	605	83
1992	4,123	2,854	1,269	1,145	914	231	725	609	113
1993	4,899	3,335	1,564	1,220	996	224	737	638	94
1994	5,636	3,953	1,683	1,287	1,008	279	725	609	113
1995	6,391	4,367	2,024	1,369	1,063	306	708	597	109
1996	6,708	4,537	2,171	1,416	1,110	306	798	653	143
1997	6,977	4,701	2,276	1,345	1,013	332	767	641	122
1998	6,721	4,525	2,196	1,372	1,028	344	776	630	140
1999	NA	NA	NA	NA	NA	NA	674	550	123
2000	6,219	4,016	2,203	1,352	1,008	344	725	571	151
2001	6,088	4,033	2,055	1,368	1,016	352	729	547	180
2002	5,946	3,823	2,123	1,267	932	335	705	527	176
2003	5,545	3,532	2,013	1,365	1,022	343	648	492	154
2004	5,185	3,352	1,833	1,506	1,089	417	723	549	173

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

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

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

TABLE 50. Civil engineering degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	5,611	5,588	23	2,218	2,209	9	293	293	0
1967	5,439	5,411	28	2,225	2,204	21	307	306	1
1968	5,796	5,765	31	2,435	2,418	17	368	368	0
1969	6,282	6,235	47	2,426	2,406	20	364	363	1
1970	6,800	6,747	53	2,503	2,473	30	366	365	1
1971	6,939	6,879	60	2,700	2,656	44	427	426	1
1972	7,258	7,181	77	2,869	2,821	48	437	435	2
1973	8,013	7,924	89	3,195	3,135	60	435	426	9
1974	8,633	8,488	145	3,247	3,164	83	390	387	3
1975	8,289	8,116	173	3,268	3,161	107	361	356	5
1976	8,493	8,214	279	3,605	3,454	151	388	382	6
1977	8,898	8,413	485	3,606	3,421	185	336	328	8
1978	9,900	9,141	759	3,226	3,030	196	303	295	8
1979	10,583	9,534	1,049	3,165	2,951	214	302	298	4
1980	11,046	9,959	1,087	3,198	2,933	265	306	295	11
1981	11,331	10,100	1,231	3,428	3,112	316	358	348	10
1982	11,280	9,962	1,318	3,456	3,104	352	368	351	17
1983	10,747	9,263	1,484	3,504	3,122	382	397	384	13
1984	10,351	8,928	1,423	3,551	3,136	415	407	382	25
1985	9,730	8,388	1,342	3,542	3,128	414	391	371	20
1986	9,223	7,994	1,229	3,281	2,908	373	429	408	21
1987	8,746	7,550	1,196	3,267	2,792	475	477	459	18
1988	8,131	6,960	1,171	3,134	2,721	413	531	501	30
1989	8,015	6,841	1,174	3,296	2,851	445	538	484	54
1990	7,992	6,730	1,262	3,213	2,693	520	553	504	49
1991	8,083	6,803	1,280	3,404	2,864	540	575	529	41
1992	8,920	7,395	1,525	3,755	3,120	635	594	535	50
1993	9,788	8,009	1,779	4,438	3,607	831	624	558	54
1994	10,603	8,619	1,984	4,918	3,965	953	683	598	80
1995	11,329	9,031	2,298	5,168	4,123	1,045	656	575	76
1996	12,053	9,629	2,424	5,002	3,938	1,064	698	616	79
1997	12,010	9,441	2,569	4,880	3,781	1,099	655	571	80
1998	11,522	8,946	2,576	4,736	3,582	1,154	650	544	100
1999	NA	NA	NA	NA	NA	NA	584	495	89
2000	9,596	7,263	2,333	4,140	3,065	1,075	556	466	88
2001	8,949	6,908	2,041	4,013	2,952	1,061	594	482	111
2002	8,891	6,667	2,224	3,947	2,884	1,063	626	504	120
2003	9,367	7,118	2,249	4,190	3,042	1,148	674	545	125
2004	9,399	7,120	2,279	4,445	3,234	1,211	675	541	132

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

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

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

TABLE 51. Electrical engineering degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	714	698	16
1976	9,874	9,681	193	3,774	3,670	104	711	696	15
1977	10,018	9,750	268	3,788	3,654	134	667	646	21
1978	11,213	10,778	435	3,742	3,600	142	539	522	17
1979	12,440	11,781	659	3,596	3,453	143	611	600	11
1980	13,902	13,000	902	3,842	3,658	184	540	523	17
1981	15,040	13,940	1,100	3,902	3,681	221	549	527	22
1982	16,553	15,142	1,411	4,465	4,177	288	616	594	22
1983	19,205	17,283	1,922	4,819	4,484	335	625	612	13
1984	21,541	19,252	2,289	5,519	5,081	438	660	645	15
1985	23,668	20,936	2,732	5,649	5,154	495	716	681	35
1986	26,112	22,885	3,227	6,147	5,508	639	806	768	38
1987	26,791	23,227	3,564	6,895	6,178	717	779	747	32
1988	25,942	22,418	3,524	7,455	6,642	813	1,010	962	48
1989	24,318	21,130	3,188	7,849	6,933	916	1,137	1,070	67
1990	23,015	20,148	2,867	8,009	7,018	991	1,276	1,192	84
1991	21,520	18,757	2,763	7,942	7,008	934	1,405	1,312	79
1992	20,256	17,801	2,455	8,274	7,229	1,045	1,483	1,352	115
1993	19,598	17,339	2,259	8,828	7,777	1,051	1,543	1,403	125
1994	18,241	15,990	2,251	8,870	7,721	1,149	1,673	1,516	147
1995	17,579	15,409	2,170	8,743	7,539	1,204	1,731	1,545	173
1996	16,667	14,695	1,972	8,156	6,960	1,196	1,741	1,556	169
1997	16,434	14,416	2,018	7,341	6,197	1,144	1,720	1,560	150
1998	16,322	14,310	2,012	7,971	6,595	1,376	1,596	1,429	156
1999	NA	NA	NA	NA	NA	NA	1,478	1,310	155
2000	17,672	15,322	2,350	8,339	6,781	1,558	1,544	1,339	195
2001	18,371	15,829	2,542	8,630	6,957	1,673	1,576	1,372	203
2002	18,977	16,257	2,720	8,279	6,718	1,561	1,395	1,224	163
2003	20,729	17,820	2,909	10,075	8,173	1,902	1,466	1,279	179
2004	21,342	18,310	3,032	12,173	9,788	2,385	1,649	1,421	222

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

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

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

TABLE 52. Industrial engineering degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	246	205	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	3,818	2,594	1,224	3,401	2,612	789	206	160	45
2002	3,976	2,635	1,341	3,388	2,593	795	230	162	67
2003	3,939	2,627	1,312	3,849	3,005	844	213	156	53
2004	3,807	2,542	1,265	4,244	3,338	906	217	174	42

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

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

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

TABLE 53. Materials and metallurgical engineering degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	792	785	7	400	397	3	211	209	2
1967	836	828	8	444	443	1	267	266	1
1968	881	863	18	460	458	2	215	213	2
1969	952	942	10	441	435	6	280	279	1
1970	977	967	10	429	423	6	303	302	1
1971	916	903	13	480	472	8	306	305	1
1972	909	893	16	524	513	11	294	291	3
1973	885	870	15	582	569	13	299	292	7
1974	821	789	32	521	508	13	280	277	3
1975	711	676	35	500	483	17	272	267	5
1976	704	661	43	475	447	28	252	244	8
1977	738	679	59	504	481	23	248	238	10
1978	835	728	107	506	468	38	247	242	5
1979	1,045	862	183	529	475	54	236	228	8
1980	1,303	1,076	227	598	539	59	273	259	14
1981	1,434	1,164	270	666	587	79	234	217	17
1982	1,696	1,372	324	632	560	72	255	238	17
1983	1,392	1,104	288	672	567	105	268	238	30
1984	1,355	1,033	322	726	605	121	271	245	26
1985	1,276	990	286	713	600	113	303	271	32
1986	1,259	924	335	810	673	137	305	281	24
1987	1,152	854	298	765	600	165	392	347	45
1988	1,211	891	320	749	597	152	374	341	33
1989	1,114	853	261	815	634	181	380	335	45
1990	1,166	895	271	802	650	152	440	391	49
1991	1,166	912	254	787	607	180	489	412	77
1992	1,091	846	245	796	653	143	485	416	61
1993	1,216	956	260	849	682	167	535	449	78
1994	1,106	866	240	910	723	187	539	452	83
1995	1,046	799	247	852	668	184	588	489	95
1996	1,004	781	223	774	599	175	574	483	84
1997	1,063	804	259	724	550	174	582	470	106
1998	1,007	772	235	698	528	170	565	477	84
1999	NA	NA	NA	NA	NA	NA	469	376	88
2000	972	704	268	759	558	201	451	367	83
2001	930	667	263	709	536	173	497	392	105
2002	933	648	285	630	459	171	396	315	80
2003	950	674	276	720	537	183	474	373	101
2004	865	595	270	800	601	199	509	419	90

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

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

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

TABLE 54. Mechanical engineering degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	7,811	7,792	19	2,154	2,147	7	457	456	1
1967	7,890	7,870	20	2,176	2,169	7	537	535	2
1968	7,930	7,898	32	2,136	2,130	6	597	595	2
1969	8,514	8,474	40	2,299	2,295	4	646	646	0
1970	9,310	9,271	39	2,298	2,286	12	635	633	2
1971	9,177	9,134	43	2,502	2,495	7	611	611	0
1972	8,784	8,735	49	2,552	2,527	25	616	614	2
1973	8,795	8,732	63	2,396	2,374	22	541	534	7
1974	7,883	7,817	66	2,058	2,031	27	544	537	7
1975	7,089	7,005	84	2,032	2,012	20	487	483	4
1976	6,984	6,834	150	2,088	2,056	32	417	413	4
1977	7,927	7,685	242	2,094	2,039	55	372	366	6
1978	9,100	8,628	472	2,095	2,029	66	377	374	3
1979	10,360	9,740	620	2,012	1,939	73	366	361	5
1980	12,020	11,127	893	2,194	2,087	107	384	377	7
1981	13,573	12,422	1,151	2,419	2,292	127	360	354	6
1982	14,315	13,049	1,266	2,539	2,388	151	437	420	17
1983	16,031	14,546	1,485	2,683	2,517	166	379	371	8
1984	17,040	15,228	1,812	2,964	2,765	199	427	412	15
1985	17,200	15,399	1,801	3,272	3,044	228	513	487	26
1986	16,586	14,876	1,710	3,256	3,002	254	536	518	18
1987	15,723	13,996	1,727	3,380	3,133	247	657	640	17
1988	15,331	13,567	1,764	3,513	3,218	295	715	686	29
1989	15,217	13,537	1,680	3,703	3,377	326	760	731	29
1990	14,693	12,978	1,715	3,630	3,276	354	884	846	38
1991	14,263	12,673	1,590	3,680	3,320	360	875	810	57
1992	14,352	12,791	1,561	3,826	3,455	371	987	933	45
1993	14,708	13,076	1,632	4,169	3,769	400	1,030	955	57
1994	15,297	13,554	1,743	4,277	3,860	417	1,015	940	69
1995	15,141	13,441	1,700	4,368	3,918	450	1,025	954	64
1996	14,509	12,773	1,736	4,009	3,555	454	1,052	963	78
1997	13,806	12,171	1,635	3,756	3,337	419	1,022	928	88
1998	13,363	11,727	1,636	3,551	3,090	461	1,022	922	93
1999	NA	NA	NA	NA	NA	NA	855	751	96
2000	13,109	11,325	1,784	3,378	2,923	455	864	767	96
2001	13,160	11,421	1,739	3,472	3,024	448	953	860	91
2002	13,377	11,594	1,783	3,519	3,051	468	827	729	96
2003	14,044	12,183	1,861	3,839	3,380	459	814	726	84
2004	14,368	12,416	1,952	4,555	3,992	563	853	758	95

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

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

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

TABLE 55. Other engineering degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	3,606	3,576	30	1,991	1,975	16	249	248	1
1967	3,912	3,877	35	1,952	1,933	19	288	288	0
1968	4,154	4,119	35	2,371	2,348	23	326	323	3
1969	4,746	4,685	61	2,534	2,499	35	427	426	1
1970	5,445	5,376	69	2,590	2,536	54	507	503	4
1971	6,368	6,300	68	2,565	2,524	41	569	568	1
1972	6,719	6,591	128	2,933	2,859	74	633	625	8
1973	7,495	7,387	108	3,176	3,095	81	612	604	8
1974	6,535	6,379	156	2,478	2,394	84	611	606	5
1975	6,312	6,119	193	2,654	2,574	80	548	535	13
1976	5,942	5,695	247	2,744	2,623	121	546	534	12
1977	6,448	6,087	361	2,847	2,698	149	508	497	11
1978	7,100	6,527	573	3,043	2,881	162	523	511	12
1979	8,409	7,588	821	2,827	2,639	188	501	481	20
1980	8,622	7,693	929	3,023	2,801	222	502	483	19
1981	9,013	7,963	1,050	2,591	2,367	224	547	520	27
1982	9,393	8,172	1,221	2,879	2,603	276	472	447	25
1983	10,794	9,282	1,512	3,740	3,392	348	528	499	29
1984	10,120	8,560	1,560	3,468	3,054	414	535	510	25
1985	9,894	8,310	1,584	3,914	3,463	451	523	490	33
1986	9,072	7,570	1,502	3,687	3,252	435	550	502	48
1987	8,597	7,150	1,447	3,912	3,363	549	561	514	47
1988	7,534	6,209	1,325	3,940	3,407	533	595	542	53
1989	7,031	5,878	1,153	4,081	3,518	563	676	602	74
1990	6,916	5,696	1,220	4,273	3,636	637	740	652	88
1991	6,738	5,545	1,193	4,195	3,547	648	807	691	106
1992	6,174	5,070	1,104	3,919	3,230	689	734	629	89
1993	6,177	5,043	1,134	4,368	3,608	760	765	669	79
1994	6,346	5,153	1,193	4,535	3,733	802	728	621	99
1995	6,595	5,340	1,255	4,436	3,604	832	764	642	115
1996	6,804	5,358	1,446	4,603	3,762	841	900	747	149
1997	6,775	5,343	1,432	4,268	3,420	848	850	687	148
1998	6,744	5,277	1,467	4,117	3,216	901	845	696	146
1999	NA	NA	NA	NA	NA	NA	853	665	178
2000	6,764	5,031	1,733	4,160	3,177	983	791	618	168
2001	6,444	4,698	1,746	4,319	3,277	1,042	747	580	166
2002	6,792	4,893	1,899	4,554	3,498	1,056	688	526	162
2003	7,182	5,216	1,966	4,931	3,733	1,198	789	610	173
2004	7,391	5,178	2,213	5,279	3,974	1,305	949	711	236

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

NOTES: See appendix B for specific fields that are included in this field of study. For data on engineering technology degrees, see table 56. Detail may not sum to total because of missing information on sex for some recipients.

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

TABLE 56. Engineering technology degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	13	11	2
1998	14,825	12,993	1,832	1,700	1,158	542	19	17	2
1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
2000	15,238	13,291	1,947	1,350	902	448	16	11	5
2001	15,127	13,072	2,055	1,381	874	507	21	17	4
2002	15,406	13,267	2,139	1,444	941	503	24	11	13
2003	15,336	13,050	2,286	1,471	1,009	462	16	12	4
2004	15,119	13,003	2,116	1,470	976	494	22	17	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: Engineering technology is defined as instructional programs that prepare individuals to support and assist engineering and related professionals or to independently provide such services. Programs stress specialized, practical knowledge related to the mathematical, scientific, or technical aspects of engineering and related sciences. Detail may not sum to total because of missing information on sex for some recipients.

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

TABLE 57. Health field degrees awarded, by degree level and sex of recipient: 1966–2004

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
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	770	290	480
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	456	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	1,500	489	1,006
1999	NA	NA	NA	NA	NA	NA	1,407	499	899
2000	71,584	11,480	60,104	37,887	8,215	29,672	1,592	523	1,066
2001	66,751	10,719	56,032	38,588	8,373	30,215	1,622	576	1,033
2002	64,533	9,625	54,908	37,863	8,061	29,802	1,653	529	1,123
2003	65,076	9,767	55,309	35,885	7,576	28,309	1,636	540	1,087
2004	68,511	9,985	58,526	37,511	7,850	29,661	1,730	544	1,180

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

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

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

TABLE 58. First professional degrees awarded, by sex of recipient: 1966–2004

Academic year ending	Total	Men	Women	% women
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	79,169	45,747	33,422	42.2
1998	78,945	45,033	33,912	43.0
1999	NA	NA	NA	NA
2000	79,578	43,976	35,602	44.7
2001	80,054	43,036	37,018	46.2
2002	81,161	42,931	38,230	47.1
2003	81,214	42,174	39,040	48.1
2004	83,552	42,654	40,898	48.9

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. 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 National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 59. First professional degrees awarded in health fields, by sex of recipient: 1966–2004

Academic year ending	Total	Men	Women	% women
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	32,114	18,308	13,806	43.0
1998	33,566	18,784	14,782	44.0
1999	NA	NA	NA	NA
2000	35,772	19,260	16,512	46.2
2001	36,634	19,340	17,294	47.2
2002	36,441	18,712	17,729	48.7
2003	36,295	18,352	17,943	49.4
2004	37,356	18,245	19,111	51.2

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

NOTES: 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 National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 60. First professional degrees awarded in non-health fields, by sex of recipient: 1966–2004

Academic year ending	Total	Men	Women	% women
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	47,055	27,439	19,616	41.7
1998	45,379	26,249	19,130	42.2
1999	NA	NA	NA	NA
2000	43,806	24,716	19,090	43.6
2001	43,420	23,696	19,724	45.4
2002	44,720	24,219	20,501	45.8
2003	44,919	23,822	21,097	47.0
2004	46,196	24,409	21,787	47.2

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

NOTES: 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.

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

Appendix A. Technical Notes

Introduction

This report is based on final data from two federal surveys. The first is the U.S. Department of Education's Integrated Postsecondary Education Data System (IPEDS) Completions Survey conducted annually by the National Center for Education Statistics (NCES). The second is the Survey of Earned Doctorates, conducted annually for six federal agencies.

Data from the IPEDS Completions Survey were used to report the number of bachelor's and master's degrees. Data on doctoral degrees were derived from the Survey of Earned Doctorates, which surveys all individuals earning research doctorates, rather than from the Completions Survey, which surveys the institutions awarding the doctorates. The Survey of Earned Doctorates data were preferred because data provided by individuals are more specific with respect to the field of specialization and are less prone to errors in data reporting and data entry than are the data provided in aggregates by institutions. Furthermore, doctorate data provide almost complete coverage for data by field and sex of individual recipients, whereas institutional data are subject to imputation for nonresponse. For a comparison of reporting on doctoral degrees in the Completions Survey and the Survey of Earned Doctorates, see *Science and Engineering Doctorates: 1960–93*, NSF 93-301 (1993, Washington, DC: National Science Foundation).

Bachelor's and Master's Degree Data

The IPEDS Completions Survey collects data on all degrees conferred between 1 July and 30 June 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 (American Samoa, the former Canal Zone, the Northern Mariana Islands, Puerto Rico, the U.S. Virgin Islands, and the Trust Territory of the Pacific Islands). Institution administrative personnel fill out the survey forms. Data are collected according to sex of recipient and field of study.

In 2004 the universe of institutions granting bachelor's or higher-level degrees was 2,615. Each year between 1966 and 2004, institutional responses to these surveys exceeded 99 percent. Imputations for nonresponse were based on the previous year's response for an institution. For bachelor's and master's degree data, the percentage of 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 groupings. Data on degrees by field of study were collected according to *Classification of Instructional Programs* (see <http://nces.ed.gov/pubs2002/cip2000/>). (See appendix B.)

Doctoral Degree Data

The Survey of Earned Doctorates is funded jointly by the National Science Foundation (NSF) and five other federal agencies: the U.S. Department of Education, the National Institutes of Health, the National Endowment for the Humanities, the National Aeronautics and Space Administration, and the U.S. Department of Agriculture.

The survey collects information during the period of 1 July of one year to 30 June of the next from all persons who have fulfilled the requirements for a research doctorate. The survey forms are sent to all accredited doctorate-granting institutions for

distribution by the graduate deans to all research doctorate recipients as they complete degree requirements. Information collected in the survey comprises demographic data, such as the student's sex, citizenship, and racial/ethnic group; education 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 percent of the doctorate recipients complete and return the survey forms. For nonrespondents, commencement programs constitute a source of skeletal information that is added to the data file. These variables are sex, field of study, institution, year of doctorate, and educational background. Consequently, for the variables used in this report, there is almost complete coverage. Data are updated annually from completed survey forms submitted belatedly by previous nonrespondents; therefore, data on doctorates are subject to revision and may differ very slightly from reports published earlier.

Field Classification Schemes

It is difficult to establish a completely consistent series of degree data over a long period of time, given changes in field classifications and evolving fields of study. Four field classification systems were used during the 1966–2004 period. (See appendix B, Classification of Programs, for current classification schemes.) Data for the earlier years are presented as consistently as possible with the current classification schemes using fields of study from the Completions Survey for bachelor's and master's degrees and from the Survey of Earned Doctorates for doctoral degrees used in this report.

Note that the data in this report are grouped into the science and engineering categories used by NSF. Data on engineering technology degrees and degrees in health/medical fields are not included in the science and engineering totals here. Therefore, data in this report may differ from those in reports published by the U.S. Department of Education.

Appendix B. Classification of Programs

TABLE B-1. Fields of study classification

IPEDS Completion Survey		Survey of Earned Doctorates	
Science and engineering		Science and engineering	
Biological and agricultural sciences		Biological and agricultural sciences	
Agricultural sciences		Agricultural sciences	
01.05	Taxidermy/taxidermists	005	Animal breeding/genetics
01.08	Agriculture extension/communications	007	Animal husbandry
01.09	Animal sciences	010	Animal nutrition
01.10	Food sciences/technology	012	Dairy science
01.11	Plant sciences	014	Poultry science
01.12	Soil sciences	019	Animal sciences, other
01.99	Agriculture/agricultural sciences, other	020	Agronomy/crop science
03.01	Natural resources conservation	025	Agricultural/horticultural plant breeding/genetics
03.02	Natural resources management/protective services	030	Plant pathology/phytopathology
03.03	Fishing and fisheries sciences/management	032	Plant protection/pest management
03.05	Forestry/forest management	039	Plant sciences, other
03.06	Wildlife/wildlands management	040	Food sciences
03.99	Natural resources conservation, other	042	Food distribution
26.0707	Agricultural animal physiology	043	Food science
		044	Food sciences/technology, other
		045	Soil sciences
		046	Soil chemistry/microbiology
		049	Soil sciences, other
		050	Horticulture science
		054	Fish and wildlife
		055	Fishing and fisheries sciences/management
		060	Wildlife management
		065	Forestry science
		066	Forest sciences/biology
		068	Forest engineering
		070	Forest management/resources
		072	Wood science and pulp/paper technology
		074	Natural resources conservation, other
		079	Forestry and related sciences, other
		080	Wildlife/range management
		081	Environmental science
		098	Agricultural science, general
		099	Agricultural science, other
		580	Environmental science
Biological Sciences		Biological Sciences	
19.0505	Food systems administration	100	Biochemistry
26.01	Biology, general	103	Biomedical sciences
26.0202	Biochemistry	105	Biophysics
26.0203	Biophysics	107	Biotechnology research
26.0204	Molecular biology	110	Bacteriology
26.0209	Radiation biology/radiobiology	115	Plant genetics
26.03	Botany/plant biology	120	Plant pathology/phytopathology
26.0401	Cell/cellular biology and histology	125	Plant physiology
26.0403	Anatomy	129	Botany/plant biology
26.0405	Neurosciences	130	Anatomy
26.05	Microbiology/bacteriology	133	Biometrics/biostatistics
26.0504	Virology	136	Cell/cellular biology and histology
26.0505	Parasitology	139	Ecology
26.0599	Immunology	140	Hydrobiology
26.07	Zoology	142	Developmental biology/embryology
26.08	Genetics, plant/animal	145	Endocrinology
26.09	Medical neurobiology	148	Entomology
26.0910	Pathology	151	Biological immunology
26.10	Pharmacology/toxicology	154	Molecular biology
26.1101	Biometrics	156	Microbiology/bacteriology
26.1102	Biostatistics	157	Microbiology
26.12	Biotechnology research	160	Neuroscience
26.13	Ecology	163	Nutritional sciences
26.1302	Marine/aquatic biology	166	Parasitology
26.1303	Evolutionary biology	169	Toxicology
26.99	Biological sciences/life sciences, other	170	Genetics, human/animal
30.10	Biopsychology	171	Genetics
30.19	Nutritional sciences	175	Pathology, human/animal
30.24	Neuroscience	180	Pharmacology, human/animal

		185	Physiology, human/animal
		186	Animal/plant physiology
		189	Zoology, other
		198	Biology/biological sciences, general
		199	Biology/biomedical sciences, other
Computer sciences		Computer sciences	
11.01	Computer/information sciences, general	400	Computer science
11.02	Computer programming	410	Information science/systems
11.03	Data processing technology/technician	419	Computer/information science, other
11.04	Information sciences/systems		
11.05	Computer systems analysis		
11.07	Computer science		
11.08	Web page design, computer graphics, database management		
11.09	Computer systems networking and telecommunications		
11.10	System administration, networking, management		
11.99	Computer/information sciences, other		
Earth, atmospheric, and ocean sciences		Earth, atmospheric, and ocean sciences	
Atmospheric sciences		Atmospheric sciences	
40.0401	Atmospheric sciences/meteorology, general	510	Atmospheric chemistry/climatology
40.0402	Atmospheric chemistry/climatology	512	Atmospheric physics/dynamics
40.0403	Atmospheric physics/dynamics	514	Meteorology
40.0404	Meteorology	518	Atmospheric science/meteorology, general
40.0499	Atmospheric science/meteorology, other	519	Atmospheric science/meteorology, other
Earth sciences		Earth sciences	
40.0601	Geology	540	Geology
40.0602	Geochemistry	542	Geochemistry
40.0603	Geophysics/seismology	544	Geophysics/seismology
40.0604	Paleontology	545	Geophysics (solid earth)
40.0605	Hydrology/water resources sciences	546	Paleontology
40.0606	Geochemistry/petrology	548	Mineralogy/petrology
40.0699	Geological and related sciences, other	549	Mineralogy, petrology, geochemistry
		550	Stratigraphy/sedimentation
		552	Geomorphology/glacial geology
		554	Applied geology
		555	Applied geology/geological engineering
		558	Geological/earth sciences, general
		559	Geological/earth sciences, other
		585	Hydrology/water resources
Oceanography		Oceanography	
40.0607	Oceanography	590	Oceanography
		595	Marine sciences
		599	Ocean/marine sciences, other
Mathematics		Mathematics	
27.01	Mathematics, general	420	Applied mathematics
27.03	Applied mathematics	425	Algebra
27.05	Mathematical statistics	430	Analysis/functional analysis
27.99	Mathematics/statistics, other	435	Geometry/geometric analysis
52.1302	Business statistics	440	Logic
52.1304	Actuarial science	445	Number theory
		450	Mathematical statistics
		455	Topology
		460	Computing theory/practice
		465	Operations research
		498	Mathematics/statistics, general
		499	Mathematics/statistics, other
Physical sciences		Physical sciences	
Astronomy		Astronomy	
40.0201	Astronomy	500	Astronomy
40.0202	Astrophysics	505	Astrophysics
40.0299	Astronomy/astrophysics, other	506	Astronomy/astrophysics
Chemistry		Chemistry	
40.0501	Chemistry, general	520	Analytical chemistry
40.0502	Analytical chemistry	521	Agricultural/food chemistry
40.0503	Inorganic chemistry	522	Inorganic chemistry
40.0504	Organic chemistry	524	Nuclear chemistry

IPEDS Completion Survey		Survey of Earned Doctorates	
40.0506	Physical/theoretical chemistry	526	Organic chemistry
40.0507	Polymer chemistry	528	Medicinal/pharmaceutical chemistry
40.0508	Chemical physics	530	Physical chemistry
40.0599	Chemistry, other	532	Polymer chemistry
51.2004	Medicinal/pharmaceutical chemistry	534	Theoretical chemistry
		538	Chemistry, general
		539	Chemistry, other
Physics		Physics	
40.0801	Physics, general	560	Acoustics
40.0802	Chemical and atomic/molecular physics	561	Chemical and atomic/molecular physics
40.0804	Elementary particle physics	562	Electron physics
40.0805	Plasma/high-temperature physics	563	Electromagnetism
40.0806	Nuclear physics	564	Elementary particle physics
40.0807	Optics/optical sciences	565	Biophysics
40.0808	Solid state/low-temperature physics	566	Fluids
40.0809	Acoustics	567	Mechanics
40.0810	Theoretical/mathematical physics	568	Nuclear physics
40.0899	Physics, other	569	Optics/photonics
		570	Plasma/high-temperature physics
		572	Polymer physics
		573	Thermal physics
		574	Solid state/low-temperature physics
		575	Theoretical physics
		576	Applied physics
		578	Physics, general
		579	Physics, other
Other physical sciences		Other physical sciences	
40.01	Physical sciences, general	599	Physical sciences, other
40.99	Physical sciences, other		
Psychology		Psychology	
42.01	Psychology, general	600	Clinical psychology
42.02	Clinical psychology	603	Cognitive psychology/psycholinguistics
42.03	Cognitive psychology/psycholinguistics	606	Comparative psychology
42.04	Community psychology	609	Counseling psychology
42.05	Comparative psychology	612	Developmental/child psychology
42.06	Counseling psychology	613	Human development/family studies
42.07	Developmental/child psychology	615	Experimental psychology
42.08	Experimental psychology	616	Experimental, comparative, physiological psychology
42.09	Industrial/organizational psychology	618	Educational psychology
42.10	Personality psychology	619	Human engineering
42.11	Physiological psychology/psychobiology	620	Family psychology
42.16	Social psychology	621	Industrial/organizational psychology
42.19	Psychometrics	624	Personality psychology
42.20	Clinical child psychology	627	Physiological psychology/psychobiology
42.21	Environmental psychology	630	Psychometrics
42.22	Geropsychology	633	Quantitative psychology
42.23	Health/medical psychology	636	School psychology
42.24	Psychopharmacology	639	Social psychology
42.25	Family psychology	648	Psychology, general
42.26	Forensic psychology	649	Psychology, other
42.99	Psychology, other		
51.1507	Psychoanalysis		
51.3603	Hypnotherapy		
Social sciences		Social sciences	
Economics		Economics	
01.0103	Agricultural economics	000	Agricultural economics
45.06	Economics	666	Economics
		668	Econometrics
Political science		Political science	
44.04	Public administration	674	International relations/affairs
44.05	Public policy analysis	678	Political science/government
44.99	Public administration/services, other	679	Political science/public administration
45.09	International relations/affairs	682	Public policy analysis
45.10	Political science/government	976	Public administration
Sociology		Sociology	
45.05	Demography/population studies	662	Demography/population studies
45.11	Sociology	686	Sociology

Other social sciences

05	Area, ethnic, cultural, gender studies
16.0102	Linguistics
30.1101	Gerontology
30.1501	Science, technology, society
30.1701	Behavioral sciences
30.2001	International/global studies
30.2301	Intercultural/multicultural and diversity studies
45.01	Social sciences, general
45.02	Anthropology
45.03	Archeology
45.04	Criminology
45.07	Geography
45.10	Canadian government/politics
45.12	Urban affairs/studies
45.99	Social sciences/history, other
53.3201	Bioethics/medical ethics
54.0000	Social sciences/history
54.0404	History/philosophy of science and technology

Engineering

Aeronautical/astronautical engineering	
14.02	Aerospace, aeronautical, astronautical engineering

Chemical engineering

14.07	Chemical engineering
14.25	Petroleum engineering
14.32	Polymer/plastics engineering

Civil engineering

14.04	Architectural engineering
14.08	Civil engineering
14.14	Environmental/environmental health engineering

Electrical engineering

14.09	Computer engineering
14.10	Electrical, electronics, communications engineering
14.38	Surveying engineering

Mechanical engineering

14.11	Engineering mechanics
14.19	Mechanical engineering

Materials/metallurgical engineering

14.06	Ceramic sciences/engineering
14.18	Materials engineering
14.20	Metallurgical engineering
14.31	Materials science

Other engineering

14.01	Engineering, general
14.03	Agricultural engineering
14.05	Bioengineering/biomedical engineering
14.12	Engineering physics
14.13	Engineering science
14.15	Geological engineering
14.16	Geophysical engineering
14.21	Mining/mineral engineering
14.22	Naval architecture/marine engineering
14.23	Nuclear engineering
14.24	Ocean engineering
14.27	Systems engineering
14.28	Textile sciences/engineering
14.29	Engineering design
14.34	Forest engineering
14.37	Operations research
14.39	Geological engineering
14.99	Engineering, other
45.0702	Cartography

Other social sciences

650	Anthropology
652	Area studies
658	Criminology
670	Geography
690	Statistics
694	Urban affairs/studies
698	Social sciences, general
699	Social sciences, other
710	History/philosophy of science and technology
729	Linguistics
770	American studies
773	Archeology

Engineering

Aeronautical/astronautical engineering	
300	Aerospace, aeronautical, astronautical engineering

Chemical engineering

312	Chemical engineering
366	Petroleum engineering
369	Polymer/plastics engineering
547	Fuel technology/petroleum engineering

Civil engineering

315	Civil engineering
336	Environmental health engineering

Electrical engineering

318	Communications engineering
321	Computer engineering
322	Electrical engineering
323	Electronics engineering
324	Electrical, electronics, communications engineering

Mechanical engineering

327	Engineering mechanics
345	Mechanical engineering

Materials/metallurgical engineering

309	Ceramic sciences
342	Materials science
348	Metallurgical engineering

Other engineering

303	Agricultural engineering
306	Bioengineering/biomedical engineering
330	Engineering physics
333	Engineering science
351	Mining/mineral engineering
354	Naval architecture/marine engineering
357	Nuclear engineering
360	Ocean engineering
363	Operations research
372	Systems engineering
375	Textile engineering
398	Engineering, general
399	Engineering, other

Non-science and engineering

Non-science and engineering

Education

13 Education
 31.05 Health/physical education
 39.0401 Religious education
 42.1701 School psychology
 42.1801 Educational psychology
 51.0913 Athletic training/trainer

Education

800 Curriculum/instructions
 805 Education administration/supervision
 806 Education leadership
 810 Education/instructional media design
 815 Education statistics/research methods
 820 Education assessment/testing/measures
 822 Educational psychology (see also 618)
 825 School psychology (see also 636)
 830 Social/philosophical foundations of education
 835 Special education
 840 Counseling education/counseling and guidance services
 845 Education evaluation/research
 850 Pre-elementary/early childhood teacher education
 852 Elementary teacher education
 854 Junior high teacher education
 856 Secondary teacher education
 858 Adult/continuing teacher education
 861 Art education
 862 Business education
 864 English education
 866 Foreign languages education
 867 Physical education, health, recreation
 870 Home economics education
 876 Music education
 880 Physical education/coaching
 882 Reading education
 886 Speech education
 888 Trade/industrial education
 889 Teacher education, specific academic/vocational programs, other
 898 Education, general
 899 Education, other

Health

Medical sciences

51 Health professions/related clinical sciences
 60.01 Dentistry
 60.02 Medicine/surgery
 60.03 Veterinary medicine
 26.0503 Medical microbiology/bacteriology
 26.0988 Medical physiology

Health

Medical sciences

205 Dentistry
 210 Environmental health
 215 Public health
 219 Public health/epidemiology
 220 Epidemiology
 225 Medicine/surgery
 235 Optometry/ophthalmology
 240 Pharmacy
 250 Veterinary science

Other health sciences

200 Speech/language pathology and audiology
 212 Health systems/services administration
 224 Hospital administration
 230 Nursing
 245 Rehabilitation/therapeutic services
 298 Health sciences, general
 299 Health sciences, other

Humanities

English/literature

16.0104 Comparative literature
 16.1200 Classics/languages
 23 American/English languages, literatures

Humanities

English/literature

720 Classics
 723 Comparative literature
 725 English/American literature
 732 Literature, American
 733 Literature, English
 734 English language
 736 Speech/rhetorical studies
 738 Letters, general
 739 Letters, other

Foreign languages/literatures

16 Foreign languages/literatures

Foreign languages/literatures

740 French
 743 German

		746	Italian
		749	Spanish
		752	Russian
		755	Slavic (other than Russian)
		758	Chinese
		762	Japanese
		765	Hebrew
		768	Arabic
		769	Other languages/literature
History		History	
54	History	700	History, American
		705	History, European
		718	History, general
		719	History, other
Religion/theology		Religion/theology	
38.02	Religious studies	790	Religion (see also 984)
39	Theology/ministries	791	Religion/theology
		984	Theology/religious education (see also 790)
Other humanities		Other humanities	
24	Liberal arts/other humanities	785	Philosophy (see also 440)
38.01	Philosophy	798	Humanities, general
50	Visual/performing arts	799	Humanities, other
Professional fields		Professional fields	
Business/management		Business/management	
01.01	Agricultural business/management	002	Agricultural business/management
01.03	Agricultural production operations	900	Accounting
01.05	Agricultural/domestic animal services	905	Banking/financial support services
01.06	Horticultural operations	910	Business administration/management
14.3701	Operations research	915	Business/managerial economics
52	Business, management, marketing, related support services	917	Management information systems/business data processing
		920	Marketing management/research
		925	Business statistics
		930	Operations research (see also 363, 465)
		935	Organizational behavior (see also 621)
		938	Business management/administrative services, general
		939	Business management/administrative services, other
Information fields (journalism, broadcasting, librarianship)		Information fields (journalism, broadcasting, librarianship)	
09	Communications	940	Communications research
10	Communications technologies	945	Journalism
25	Library science	947	Mass communications
		950	Radio/television
		957	Communication theory
		958	Communications, general
		959	Communications, other
		972	Library science
Other professional fields		Other professional fields	
04	Architecture/related programs	964	Home economics
12	Personal/culinary services	968	Law
15	Engineering-related technologies	974	Parks/recreation/leisure/fitness
19	Home economics/family studies	980	Social service professions
22	Law and legal studies	988	Professional fields, general
28	Reserve officer training corps (ROTC)	989	Professional fields, other
29	Military technologies	999	Other fields
30	Multi-/interdisciplinary studies		
31	Parks/recreation/leisure/fitness		
32	Basic skills		
33	Citizenship activities		
34	Health related knowledge/skills		
35	Interpersonal/social skills		
36	Personal awareness/self-improvement		
41	Science technologies		
43	Protective services		
44	Public administration/social services professions		
46	Construction trades		
47	Mechanic/repair technologies		
48	Precision production trades		
49	Transportation/materials moving workers		

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