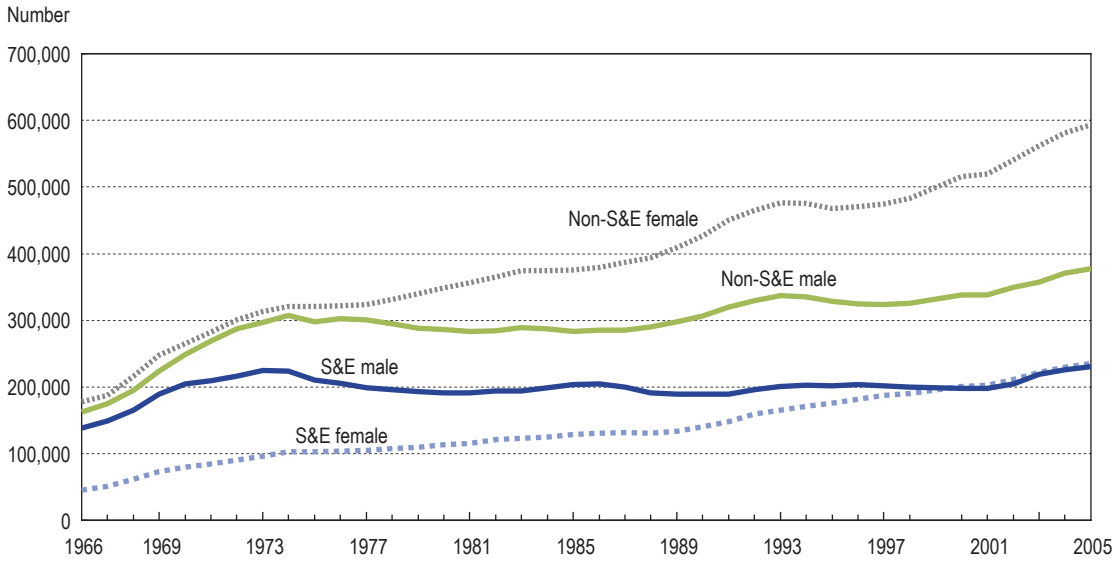


**FIGURE C-1. Bachelor's degrees awarded in S&E and non-S&E fields, by sex: 1966–2005**



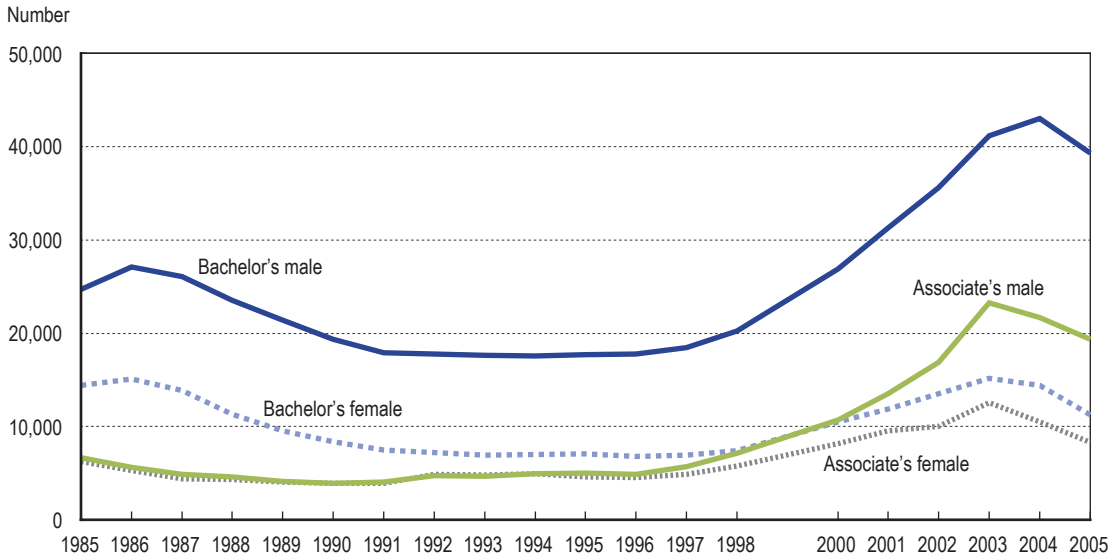
NOTE: National data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1966–2005.

Beginning in 2000, men and women earned roughly similar numbers of S&E bachelor's degrees.

- Women earned half of S&E bachelor's in 2005, up from 25% in 1966.
- The number of bachelor's degrees in S&E awarded to men fluctuated around 200,000 from 1976 to about 2002 and increased since then, reaching 230,806 in 2005.
- Women earn substantially more bachelor's degrees in non-S&E fields than men.

**FIGURE C-2. Bachelor's and associate's degrees awarded in computer sciences, by sex: 1985–2005**



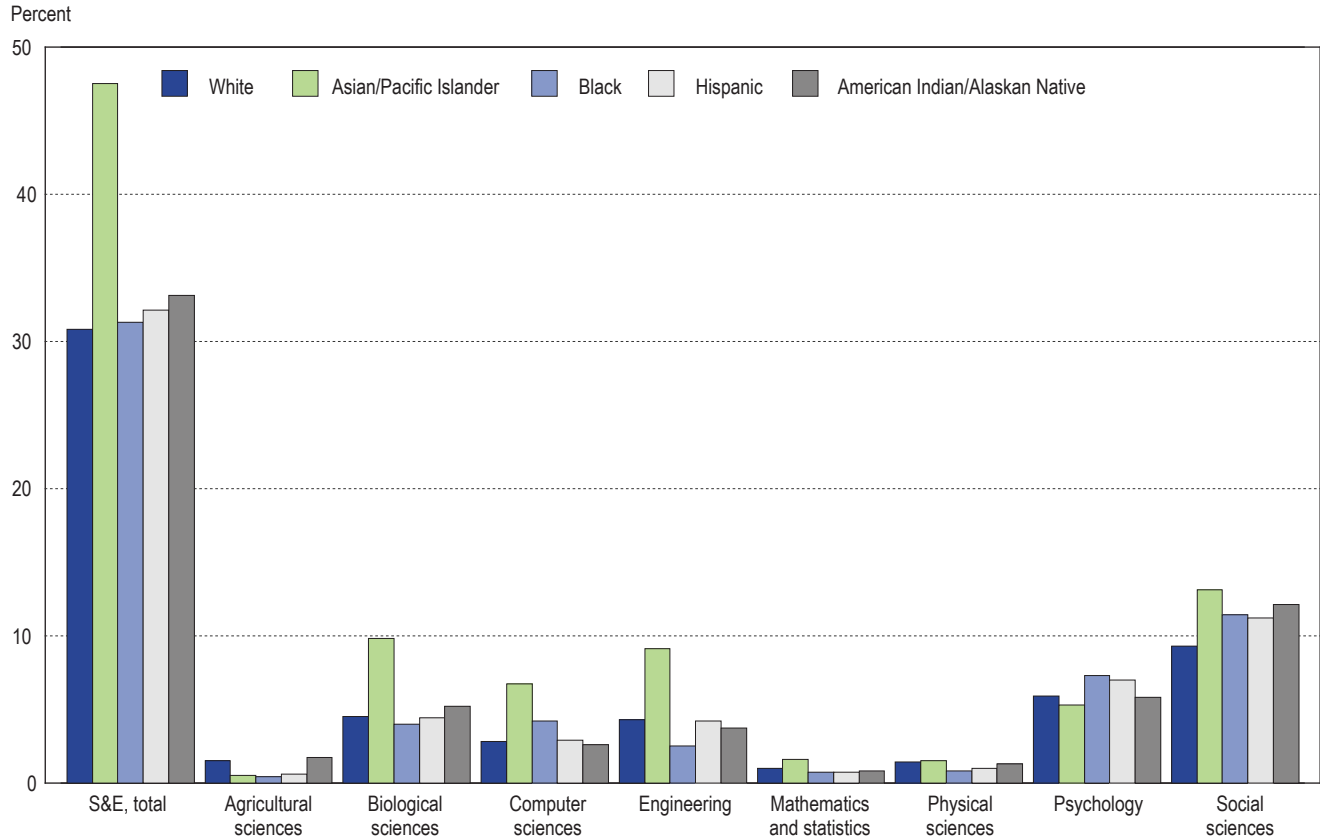
NOTE: National data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1985–2005.

Women are a decreasing share of computer science degree earners.

- The percentage of bachelor's computer science degrees earned by women dropped from 37% in 1985 to 22% in 2005.
- The percentage of associate's degrees in computer science earned by women dropped from 49% in 1985 to 30% in 2005.
- In 2005, the numbers of computer science degrees earned by both men and women dropped sharply.

FIGURE C-3. Science and engineering bachelor's degrees as share of all bachelor's degrees awarded, by race/ethnicity: 2005



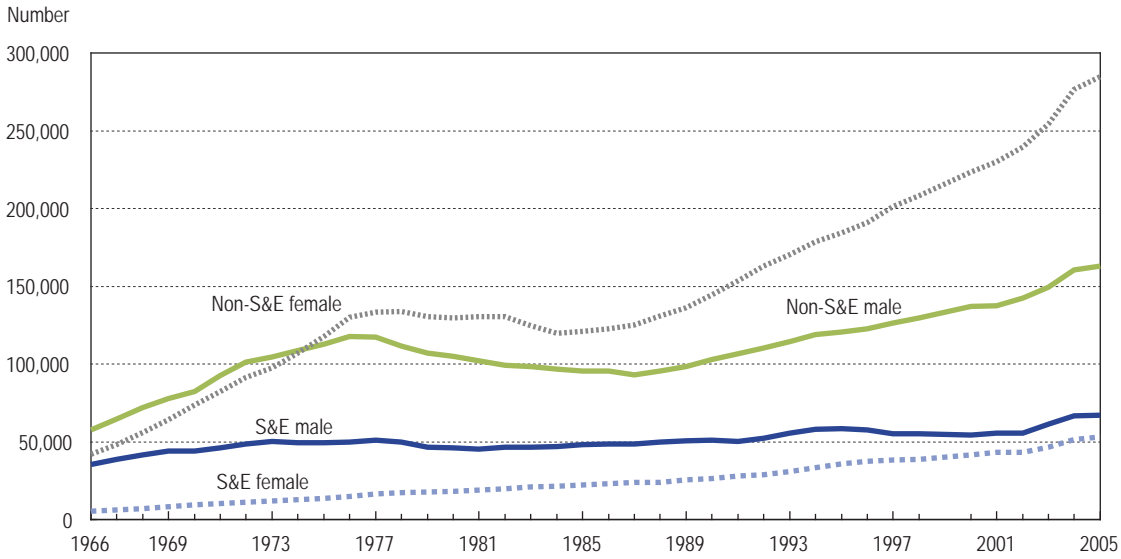
NOTE: Percents refer to percentage of each racial/ethnic group earning degrees in a given field. Physical sciences include earth, atmospheric, and ocean sciences.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 2005.

With the exception of Asians/Pacific Islanders, for whom almost half (48%) of all bachelor's degrees earned are in S&E, about one-third of all bachelor's degrees earned by each racial/ethnic group are in S&E.

- White, black, Hispanic, and American Indian/Alaskan Native S&E bachelor's degree recipients are similarly distributed across most broad S&E fields.
- Asians/Pacific Islanders earn a higher percent of their bachelor's degrees in computer sciences, biological sciences, and engineering than do other racial/ethnic groups.

FIGURE E-1. Master's degrees awarded in S&E and non-S&E fields, by sex: 1966–2005



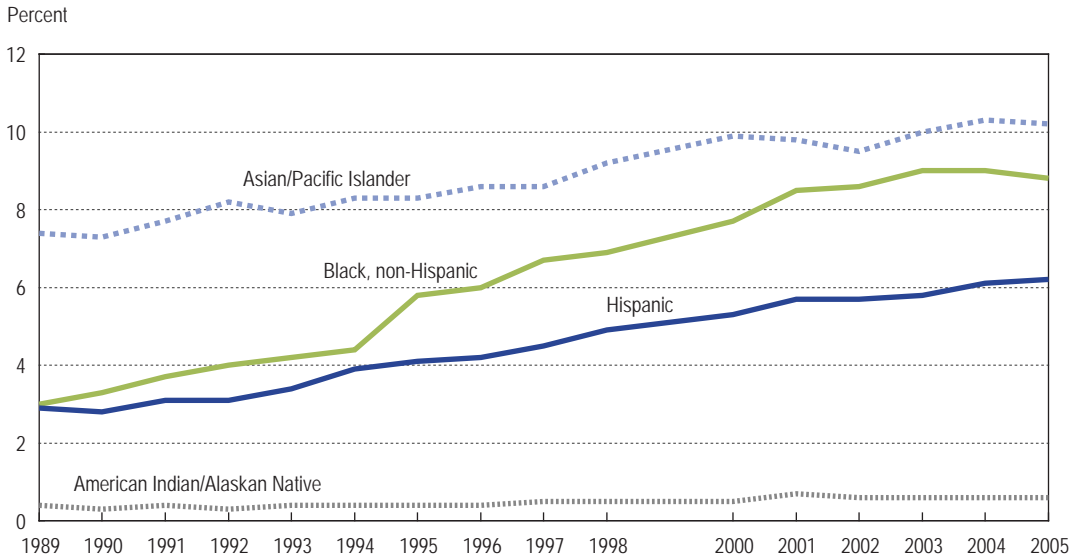
NOTE: National data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1966–2005.

The number of master's degrees earned by women rose more rapidly than for men.

- The number of S&E master's degrees awarded annually to women rose almost 10-fold from 5,469 in 1966 to 53,051 in 2005.
- In 2005, women earned 44% of S&E master's degrees and 64% of non-S&E master's degrees.
- The number of S&E master's degrees awarded to men rose from 35,580 in 1966 to 66,974 in 2005.

FIGURE E-2. Minority share of S&E master's degrees awarded to U.S. citizens and permanent residents, by race/ethnicity: 1989–2005



NOTE: National data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1989–2005.

The number of S&E master's degrees earned by Asians/Pacific Islanders, blacks, Hispanics, and American Indians/Alaskan Natives increased since 1989.

- The percentage of S&E master's degrees awarded increased for all minority groups since 1989.
- The proportion of S&E master's degrees awarded to blacks and Hispanics more than doubled, from 3% to 9% and from 3% to 6%, respectively, from 1989 to 2005.

TABLE C-1. Associate's degrees, by field and sex: 1996–2005

Field and sex	1996	1997	1998	2000	2001	2002	2003	2004	2005
<b>Both sexes</b>									
All fields	540,644	546,031	549,191	543,876	552,046	553,735	595,223	605,403	640,910
S&E	24,600	25,771	28,646	33,651	38,063	42,200	51,782	49,420	45,686
Sciences	22,552	23,883	26,539	31,921	36,272	40,553	49,966	47,280	43,614
Agricultural sciences	1,895	1,865	2,007	1,943	2,083	1,983	1,993	1,941	1,875
Biological sciences	2,074	2,181	2,176	1,468	1,519	1,519	1,783	1,749	1,985
Computer sciences	9,401	10,632	12,899	18,928	23,106	26,916	35,789	32,176	27,641
Earth, atmospheric, and ocean sciences	189	191	180	174	181	58	186	40	182
Mathematics and statistics	759	793	843	670	692	683	733	797	801
Physical sciences	1,560	1,540	1,518	1,271	1,136	1,284	1,085	1,545	1,556
Psychology	1,584	1,606	1,760	1,445	1,538	1,691	1,766	1,869	1,927
Social sciences	5,090	5,075	5,156	6,022	6,017	6,419	6,631	7,163	7,647
Engineering	2,048	1,888	2,107	1,730	1,791	1,647	1,816	2,140	2,072
Non-S&E	516,044	520,260	520,545	510,225	513,983	511,535	543,441	555,983	595,224
Engineering technologies	35,982	35,221	35,163	35,544	35,413	31,557	34,007	29,681	28,769
Other non-S&E	480,062	485,039	485,382	474,681	478,570	479,978	509,434	526,302	566,455
<b>Female</b>									
All fields	327,554	333,333	333,303	327,720	332,035	338,606	359,140	375,374	395,233
S&E	12,393	13,135	14,041	16,465	17,948	18,781	21,553	20,354	18,343
Sciences	12,124	12,864	13,718	16,227	17,651	18,510	21,264	19,879	18,055
Agricultural sciences	645	669	740	784	781	758	765	705	641
Biological sciences	1,244	1,392	1,383	974	1,022	1,035	1,204	1,142	1,311
Computer sciences	4,539	4,912	5,762	8,201	9,565	10,014	12,563	10,522	8,287
Earth, atmospheric, and ocean sciences	58	65	52	58	58	21	63	19	65
Mathematics and statistics	295	349	353	263	243	240	268	296	275
Physical sciences	730	807	811	671	552	610	509	669	624
Psychology	1,179	1,230	1,157	1,119	1,183	1,324	1,329	1,440	1,484
Social sciences	3,434	3,440	3,460	4,157	4,247	4,508	4,563	5,086	5,368
Engineering	269	271	323	238	297	271	289	475	288
Non-S&E	315,161	320,198	319,262	311,255	314,087	319,825	337,587	355,020	376,890
Engineering technologies	5,035	5,231	5,214	5,465	5,666	5,020	5,676	4,540	4,504
Other non-S&E	310,126	314,967	314,048	305,790	308,421	314,805	331,911	350,480	372,386
<b>Male</b>									
All fields	213,090	212,698	215,888	216,156	220,011	215,129	236,083	230,029	245,677
S&E	12,207	12,636	14,605	17,186	20,115	23,419	30,229	29,066	27,343
Sciences	10,428	11,019	12,821	15,694	18,621	22,043	28,702	27,401	25,559
Agricultural sciences	1,250	1,196	1,267	1,159	1,302	1,225	1,228	1,236	1,234
Biological sciences	830	789	793	494	497	484	579	607	674
Computer sciences	4,862	5,720	7,137	10,727	13,541	16,902	23,226	21,654	19,354
Earth, atmospheric, and ocean sciences	131	126	128	116	123	37	123	21	117
Mathematics and statistics	464	444	490	407	449	443	465	501	526
Physical sciences	830	733	707	600	584	674	576	876	932
Psychology	405	376	603	326	355	367	437	429	443
Social sciences	1,656	1,635	1,696	1,865	1,770	1,911	2,068	2,077	2,279
Engineering	1,779	1,617	1,784	1,492	1,494	1,376	1,527	1,665	1,784
Non-S&E	200,883	200,062	201,283	198,970	199,896	191,710	205,854	200,963	218,334
Engineering technologies	30,947	29,990	29,949	30,079	29,747	26,537	28,331	25,141	24,265
Other non-S&E	169,936	170,072	171,334	168,891	170,149	165,173	177,523	175,822	194,069

NOTE: Data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE C-2. Associate's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
All fields	540,644	546,031	549,191	543,876	552,046	553,735	595,223	605,403	640,910
S&E	24,600	25,771	28,646	33,651	38,063	42,200	51,782	49,420	45,686
Sciences	22,552	23,883	26,539	31,921	36,272	40,553	49,966	47,280	43,614
Agricultural sciences	1,895	1,865	2,007	1,943	2,083	1,983	1,993	1,941	1,875
Biological sciences	2,074	2,181	2,176	1,468	1,519	1,519	1,783	1,749	1,985
Computer sciences	9,401	10,632	12,899	18,928	23,106	26,916	35,789	32,176	27,641
Earth, atmospheric, and ocean sciences	189	191	180	174	181	58	186	40	182
Mathematics and statistics	759	793	843	670	692	683	733	797	801
Physical sciences	1,560	1,540	1,518	1,271	1,136	1,284	1,085	1,545	1,556
Psychology	1,584	1,606	1,760	1,445	1,538	1,691	1,766	1,869	1,927
Social sciences	5,090	5,075	5,156	6,022	6,017	6,419	6,631	7,163	7,647
Engineering	2,048	1,888	2,107	1,730	1,791	1,647	1,816	2,140	2,072
Non-S&E	516,044	520,260	520,545	510,225	513,983	511,535	543,441	555,983	595,224
Engineering technologies	35,982	35,221	35,163	35,544	35,413	31,557	34,007	29,681	28,769
Other non-S&E	480,062	485,039	485,382	474,681	478,570	479,978	509,434	526,302	566,455
U.S. citizen/permanent resident									
All fields	530,622	535,432	537,146	533,982	540,911	541,689	582,148	591,222	627,194
S&E	23,862	25,012	27,693	32,827	36,980	40,825	50,243	47,859	44,368
Sciences	21,884	23,191	25,719	31,165	35,285	39,235	48,507	45,827	42,416
Agricultural sciences	1,877	1,846	1,956	1,920	2,037	1,931	1,982	1,898	1,861
Biological sciences	2,014	2,103	2,094	1,441	1,484	1,489	1,734	1,692	1,927
Computer sciences	9,157	10,370	12,564	18,462	22,460	25,932	34,689	31,184	26,902
Earth, atmospheric, and ocean sciences	186	189	180	173	177	57	186	38	182
Mathematics and statistics	711	749	794	637	650	647	687	750	741
Physical sciences	1,477	1,448	1,443	1,216	1,103	1,240	1,027	1,460	1,440
Psychology	1,552	1,567	1,702	1,423	1,513	1,655	1,723	1,826	1,889
Social sciences	4,910	4,919	4,986	5,893	5,861	6,284	6,479	6,979	7,474
Engineering	1,978	1,821	1,974	1,662	1,695	1,590	1,736	2,032	1,952
Non-S&E	506,760	510,420	509,453	501,155	503,931	500,864	531,905	543,363	582,826
Engineering technologies	35,631	34,761	34,435	35,215	34,742	31,136	33,572	29,202	28,422
Other non-S&E	471,129	475,659	475,018	465,940	469,189	469,728	498,333	514,161	554,404
White									
All fields	403,072	400,307	396,735	380,777	378,041	372,372	393,947	393,977	417,202
S&E	16,333	16,835	18,415	20,982	23,970	26,204	31,433	29,640	27,588
Sciences	14,831	15,472	16,977	19,856	22,768	25,033	30,183	28,270	26,246
Agricultural sciences	1,696	1,680	1,768	1,718	1,824	1,715	1,788	1,681	1,703
Biological sciences	1,356	1,310	1,304	930	979	1,013	1,132	1,083	1,222
Computer sciences	6,270	7,052	8,473	11,821	14,438	16,446	21,550	19,329	16,774
Earth, atmospheric, and ocean sciences	165	160	155	150	156	54	146	34	143
Mathematics and statistics	439	492	501	379	358	381	372	436	408
Physical sciences	1,018	999	952	799	753	886	686	920	936
Psychology	1,094	1,087	1,068	952	1,005	1,111	1,111	1,141	1,124
Social sciences	2,793	2,692	2,756	3,107	3,255	3,427	3,398	3,646	3,936
Engineering	1,502	1,363	1,438	1,126	1,202	1,171	1,250	1,370	1,342
Non-S&E	386,739	383,472	378,320	359,795	354,071	346,168	362,514	364,337	389,614
Engineering technologies	27,506	26,522	26,208	25,643	24,999	21,971	23,383	20,541	20,787
Other non-S&E	359,233	356,950	352,112	334,152	329,072	324,197	339,131	343,796	368,827
Asian/Pacific Islander									
All fields	22,630	23,882	23,909	25,654	25,780	28,032	28,929	28,855	29,782
S&E	1,525	1,700	1,884	2,384	2,502	2,877	3,438	3,158	2,749
Sciences	1,379	1,552	1,718	2,224	2,372	2,780	3,326	3,023	2,613
Agricultural sciences	4	4	8	19	9	9	9	18	11
Biological sciences	216	264	248	109	94	91	142	148	204
Computer sciences	516	661	820	1,381	1,651	2,026	2,465	2,004	1,509
Earth, atmospheric, and ocean sciences	2	4	3	1	0	0	5	0	2
Mathematics and statistics	104	87	100	90	106	91	102	100	95

TABLE C-2. Associate's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Physical sciences	163	176	170	145	81	86	105	190	175
Psychology	57	63	53	51	53	50	74	75	72
Social sciences	317	293	316	428	378	427	424	488	545
Engineering	146	148	166	160	130	97	112	135	136
Non-S&E	21,105	22,182	22,025	23,270	23,278	25,155	25,491	25,697	27,033
Engineering technologies	1,464	1,586	1,521	1,752	1,725	1,711	1,905	1,314	1,083
Other non-S&E	19,641	20,596	20,504	21,518	21,553	23,444	23,586	24,383	25,950
Black									
All fields	49,245	51,588	52,957	55,154	57,851	58,454	66,047	66,741	72,566
S&E	2,411	2,577	2,856	3,856	4,351	4,859	6,457	5,856	5,379
Sciences	2,277	2,446	2,747	3,733	4,247	4,741	6,340	5,706	5,217
Agricultural sciences	18	11	9	18	3	14	13	18	8
Biological sciences	114	140	155	137	127	121	145	135	147
Computer sciences	1,104	1,182	1,531	2,445	3,035	3,506	4,950	4,281	3,718
Earth, atmospheric, and ocean sciences	11	9	14	13	9	1	17	0	17
Mathematics and statistics	36	37	33	36	50	27	41	36	35
Physical sciences	101	96	112	85	80	77	63	73	78
Psychology	147	125	111	135	142	140	144	158	172
Social sciences	746	846	782	864	801	855	967	1,005	1,042
Engineering	134	131	109	123	104	118	117	150	162
Non-S&E	46,834	49,011	50,101	51,298	53,500	53,595	59,590	60,885	67,187
Engineering technologies	2,989	2,982	3,156	3,321	3,372	2,795	3,280	2,536	2,602
Other non-S&E	43,845	46,029	46,945	47,977	50,128	50,800	56,310	58,349	64,585
Hispanic									
All fields	39,115	42,784	45,452	50,488	54,333	55,900	59,942	63,669	68,205
S&E	2,542	2,773	3,103	3,868	4,131	4,531	5,539	5,374	5,205
Sciences	2,410	2,661	2,907	3,690	3,945	4,402	5,388	5,106	5,004
Agricultural sciences	89	75	85	77	109	86	68	54	43
Biological sciences	221	276	289	183	220	188	216	207	227
Computer sciences	928	1,065	1,299	2,033	2,154	2,567	3,391	3,007	2,708
Earth, atmospheric, and ocean sciences	3	8	3	1	1	1	1	2	5
Mathematics and statistics	108	110	120	97	99	105	124	131	154
Physical sciences	106	102	119	106	113	98	95	133	137
Psychology	179	209	180	192	218	259	293	333	379
Social sciences	776	816	812	1,001	1,031	1,098	1,200	1,239	1,351
Engineering	132	112	196	178	186	129	151	268	201
Non-S&E	36,573	40,011	42,349	46,620	50,202	51,369	54,403	58,295	63,000
Engineering technologies	2,742	2,728	2,621	3,283	3,369	3,069	2,829	2,863	2,405
Other non-S&E	33,831	37,283	39,728	43,337	46,833	48,300	51,574	55,432	60,595
American Indian/Alaskan Native									
All fields	5,221	5,520	6,161	5,697	5,758	5,965	6,515	6,886	7,059
S&E	466	455	500	525	501	577	679	709	686
Sciences	455	430	478	508	485	562	660	675	658
Agricultural sciences	42	54	64	67	48	49	53	58	55
Biological sciences	42	46	37	37	32	41	27	45	44
Computer sciences	129	120	148	188	208	217	326	289	237
Earth, atmospheric, and ocean sciences	0	1	3	0	0	0	2	0	0
Mathematics and statistics	9	2	13	7	12	7	13	10	13
Physical sciences	26	20	30	13	17	17	16	24	24
Psychology	42	38	37	38	34	32	31	36	56
Social sciences	165	149	146	158	134	199	192	213	229
Engineering	11	25	22	17	16	15	19	34	28
Non-S&E	4,755	5,065	5,661	5,172	5,257	5,388	5,836	6,177	6,373
Engineering technologies	269	236	286	273	253	239	314	341	278
Other non-S&E	4,486	4,829	5,375	4,899	5,004	5,149	5,522	5,836	6,095



TABLE C-2. Associate's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Other or unknown race/ethnicity									
All fields	11,339	11,351	11,932	16,212	19,148	20,966	26,768	31,094	32,380
S&E	585	672	935	1,212	1,525	1,777	2,697	3,122	2,761
Sciences	532	630	892	1,154	1,468	1,717	2,610	3,047	2,678
Agricultural sciences	28	22	22	21	44	58	51	69	41
Biological sciences	65	67	61	45	32	35	72	74	83
Computer sciences	210	290	293	594	974	1,170	2,007	2,274	1,956
Earth, atmospheric, and ocean sciences	5	7	2	8	11	1	15	2	15
Mathematics and statistics	15	21	27	28	25	36	35	37	36
Physical sciences	63	55	60	68	59	76	62	120	90
Psychology	33	45	253	55	61	63	70	83	86
Social sciences	113	123	174	335	262	278	298	388	371
Engineering	53	42	43	58	57	60	87	75	83
Non-S&E	10,754	10,679	10,997	15,000	17,623	19,189	24,071	27,972	29,619
Engineering technologies	661	707	643	943	1,024	1,351	1,861	1,607	1,267
Other non-S&E	10,093	9,972	10,354	14,057	16,599	17,838	22,210	26,365	28,352
Temporary resident									
All fields	10,022	10,599	12,045	9,894	11,135	12,046	13,075	14,181	13,716
S&E	738	759	953	824	1,083	1,375	1,539	1,561	1,318
Sciences	668	692	820	756	987	1,318	1,459	1,453	1,198
Agricultural sciences	18	19	51	23	46	52	11	43	14
Biological sciences	60	78	82	27	35	30	49	57	58
Computer sciences	244	262	335	466	646	984	1,100	992	739
Earth, atmospheric, and ocean sciences	3	2	0	1	4	1	0	2	0
Mathematics and statistics	48	44	49	33	42	36	46	47	60
Physical sciences	83	92	75	55	33	44	58	85	116
Psychology	32	39	58	22	25	36	43	43	38
Social sciences	180	156	170	129	156	135	152	184	173
Engineering	70	67	133	68	96	57	80	108	120
Non-S&E	9,284	9,840	11,092	9,070	10,052	10,671	11,536	12,620	12,398
Engineering technologies	351	460	728	329	671	421	435	479	347
Other non-S&E	8,933	9,380	10,364	8,741	9,381	10,250	11,101	12,141	12,051

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE C-3. S&E and S&E technologies associate's degrees, by sex, citizenship, race/ethnicity, and field: 2005

Sex, citizenship, and race/ethnicity	All fields	Sciences											S&E technologies			
		Engi- neering	S&E	All Agricultural sciences	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathe- matics and statistics	Physical sciences	Psy- chology	Social sciences	All S&E tech- nologies	Engi- neering	Health	Other
All degrees	640,910	2,072	45,686	43,614	1,875	1,985	27,641	182	801	1,556	1,927	7,647	77,413	28,769	46,191	2,453
Female	395,233	288	18,343	18,055	641	1,311	8,287	65	275	624	1,484	5,368	43,228	4,504	38,068	656
Male	245,677	1,784	27,343	25,559	1,234	674	19,354	117	526	932	443	2,279	34,185	24,265	8,123	1,797
U.S. citizen/permanent resident	627,194	1,952	44,368	42,416	1,861	1,927	26,902	182	741	1,440	1,889	7,474	76,580	28,422	45,725	2,433
Female	386,874	270	17,820	17,550	635	1,271	8,026	65	257	585	1,455	5,256	42,782	4,415	37,723	644
Male	240,320	1,682	26,548	24,866	1,226	656	18,876	117	484	855	434	2,218	33,798	24,007	8,002	1,789
White	417,202	1,342	27,588	26,246	1,703	1,222	16,774	143	408	936	1,124	3,936	55,099	20,787	32,577	1,735
Female	252,391	149	10,064	9,915	567	795	4,424	47	139	360	867	2,716	30,584	3,025	27,108	451
Male	164,811	1,193	17,524	16,331	1,136	427	12,350	96	269	576	257	1,220	24,515	17,762	5,469	1,284
Asian/Pacific Islander	29,782	136	2,749	2,613	11	204	1,509	2	95	175	72	545	2,647	1,083	1,489	75
Female	17,766	31	1,192	1,161	6	147	480	0	37	78	59	354	1,245	154	1,052	39
Male	12,016	105	1,557	1,452	5	57	1,029	2	58	97	13	191	1,402	929	437	36
Black	72,566	162	5,379	5,217	8	147	3,718	17	35	78	172	1,042	8,365	2,602	5,449	314
Female	49,824	24	2,829	2,805	3	101	1,698	12	11	42	136	802	5,223	587	4,552	84
Male	22,742	138	2,550	2,412	5	46	2,020	5	24	36	36	240	3,142	2,015	897	230
Hispanic	68,205	201	5,205	5,004	43	227	2,708	5	154	137	379	1,351	6,638	2,405	4,075	158
Female	43,908	48	2,423	2,375	23	144	845	2	51	63	286	961	3,711	372	3,298	41
Male	24,297	153	2,782	2,629	20	83	1,863	3	103	74	93	390	2,927	2,033	777	117
American Indian/Alaskan Native	7,059	28	686	658	55	44	237	0	13	24	56	229	732	278	437	17
Female	4,751	5	400	395	19	29	109	0	6	14	44	174	436	61	372	3
Male	2,308	23	286	263	36	15	128	0	7	10	12	55	296	217	65	14
Other or unknown race/ethnicity	32,380	83	2,761	2,678	41	83	1,956	15	36	90	86	371	3,099	1,267	1,698	134
Female	18,234	13	912	899	17	55	470	4	13	28	63	249	1,583	216	1,341	26
Male	14,146	70	1,849	1,779	24	28	1,486	11	23	62	23	122	1,516	1,051	357	108
Temporary resident	13,716	120	1,318	1,198	14	58	739	0	60	116	38	173	833	347	466	20
Female	8,359	18	523	505	6	40	261	0	18	39	29	112	446	89	345	12
Male	5,357	102	795	693	8	18	478	0	42	77	9	61	387	258	121	8

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 2005.

Women, Minorities, and Persons with Disabilities in Science and Engineering

TABLE C-4. Bachelor's degrees, by sex and field: 1996–2005

Sex and year	Sciences														
	All fields	S&E	Total	Agri-		Computer sciences	Earth, atmospheric, and ocean sciences		Mathe- matics and statistics		Physical sciences	Psych- ology	Social sciences	Engi- neering	Non- S&E
				cultural sciences	Biological sciences										
Number of degrees															
Both sexes															
1996	1,179,815	384,674	321,560	16,388	62,081	24,545	4,457	13,076	15,396	73,828	111,789	63,114	795,141		
1997	1,186,589	388,482	326,130	17,361	65,139	25,393	4,466	12,723	15,264	74,734	111,050	62,352	798,107		
1998	1,199,579	390,618	329,704	17,967	67,112	27,674	4,321	12,094	15,273	74,457	110,806	60,914	808,961		
2000	1,253,121	398,622	339,086	18,244	64,904	37,388	4,047	11,735	14,580	74,654	113,534	59,536	854,499		
2001	1,257,648	400,206	340,948	17,467	62,089	43,184	3,968	11,455	14,163	74,168	114,454	59,258	857,442		
2002	1,305,730	415,611	354,972	17,360	61,768	49,135	3,984	12,273	14,016	77,323	119,113	60,639	890,119		
2003	1,359,843	441,087	377,314	17,693	63,582	56,329	3,949	12,882	14,122	79,115	129,642	63,773	918,756		
2004	1,407,009	455,848	391,173	17,041	64,762	57,405	3,903	13,755	14,240	82,510	137,557	64,675	951,161		
2005	1,437,200	466,003	399,870	17,111	67,982	50,564	3,959	14,840	15,030	85,936	144,448	66,133	971,197		
Female															
1996	651,815	181,333	170,017	6,504	32,865	6,772	1,485	5,992	5,702	53,863	56,834	11,316	470,482		
1997	661,307	187,011	175,541	7,267	35,266	6,903	1,542	5,889	5,882	55,243	57,549	11,470	474,296		
1998	673,865	190,397	179,058	7,743	37,101	7,439	1,599	5,659	5,994	55,400	58,123	11,339	483,468		
2000	716,963	200,953	188,737	8,464	37,958	10,474	1,617	5,604	5,990	57,114	61,516	12,216	516,010		
2001	721,625	202,583	190,669	8,491	37,084	11,900	1,622	5,497	5,911	57,467	62,697	11,914	519,042		
2002	751,773	211,203	198,516	8,634	37,695	13,504	1,702	5,762	5,982	59,926	65,311	12,687	540,570		
2003	783,866	222,389	209,419	8,959	39,533	15,190	1,651	5,879	5,884	61,499	70,824	12,970	561,477		
2004	810,817	229,939	216,682	8,714	40,440	14,406	1,647	6,318	6,002	64,208	74,947	13,257	580,878		
2005	828,938	235,197	222,000	8,731	42,283	11,235	1,660	6,625	6,420	66,833	78,213	13,197	593,741		
Male															
1996	528,000	203,341	151,543	9,884	29,216	17,773	2,972	7,084	9,694	19,965	54,955	51,798	324,659		
1997	525,282	201,471	150,589	10,094	29,873	18,490	2,924	6,834	9,382	19,491	53,501	50,882	323,811		
1998	525,714	200,221	150,646	10,224	30,011	20,235	2,722	6,435	9,279	19,057	52,683	49,575	325,493		
2000	536,158	197,669	150,349	9,780	26,946	26,914	2,430	6,131	8,590	17,540	52,018	47,320	338,489		
2001	536,023	197,623	150,279	8,976	25,005	31,284	2,346	5,958	8,252	16,701	51,757	47,344	338,400		
2002	553,957	204,408	156,456	8,726	24,073	35,631	2,282	6,511	8,034	17,397	53,802	47,952	349,549		
2003	575,977	218,698	167,895	8,734	24,049	41,139	2,298	7,003	8,238	17,616	58,818	50,803	357,279		
2004	596,192	225,909	174,491	8,327	24,322	42,999	2,256	7,437	8,238	18,302	62,610	51,418	370,283		
2005	608,262	230,806	177,870	8,380	25,699	39,329	2,299	8,215	8,610	19,103	66,235	52,936	377,456		
Percent female															
1996	55.2	47.1	52.9	39.7	52.9	27.6	33.3	45.8	37.0	73.0	50.8	17.9	59.2		
1997	55.7	48.1	53.8	41.9	54.1	27.2	34.5	46.3	38.5	73.9	51.8	18.4	59.4		
1998	56.2	48.7	54.3	43.1	55.3	26.9	37.0	46.8	39.2	74.4	52.5	18.6	59.8		
2000	57.2	50.4	55.7	46.4	58.5	28.0	40.0	47.8	41.1	76.5	54.2	20.5	60.4		
2001	57.4	50.6	55.9	48.6	59.7	27.6	40.9	48.0	41.7	77.5	54.8	20.1	60.5		
2002	57.6	50.8	55.9	49.7	61.0	27.5	42.7	46.9	42.7	77.5	54.8	20.9	60.7		
2003	57.6	50.4	55.5	50.6	62.2	27.0	41.8	45.6	41.7	77.7	54.6	20.3	61.1		
2004	57.6	50.4	55.4	51.1	62.4	25.1	42.2	45.9	42.1	77.8	54.5	20.5	61.1		
2005	57.7	50.5	55.5	51.0	62.2	22.2	41.9	44.6	42.7	77.8	54.1	20.0	61.1		

NOTE: Data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE C-5. Bachelor's degrees, by field and sex: 1996–2005

Field and sex	1996	1997	1998	2000	2001	2002	2003	2004	2005
All fields	1,179,815	1,186,589	1,199,579	1,253,121	1,257,648	1,305,730	1,359,843	1,407,009	1,437,200
S&E	384,674	388,482	390,618	398,622	400,206	415,611	441,087	455,848	466,003
Sciences	321,560	326,130	329,704	339,086	340,948	354,972	377,314	391,173	399,870
Agricultural sciences	16,388	17,361	17,967	18,244	17,467	17,360	17,693	17,041	17,111
Biological sciences	62,081	65,139	67,112	64,904	62,089	61,768	63,582	64,762	67,982
Computer sciences	24,545	25,393	27,674	37,388	43,184	49,135	56,329	57,405	50,564
Earth, atmospheric, and ocean sciences	4,457	4,466	4,321	4,047	3,968	3,984	3,949	3,903	3,959
Atmospheric sciences	434	431	443	490	456	525	562	572	677
Earth sciences	3,838	3,830	3,665	3,359	3,334	3,234	3,252	3,170	3,146
Ocean sciences	185	205	213	198	178	225	135	161	136
Mathematics and statistics	13,076	12,723	12,094	11,735	11,455	12,273	12,882	13,755	14,840
Physical sciences	15,396	15,264	15,273	14,580	14,163	14,016	14,122	14,240	15,030
Astronomy	148	140	168	160	240	276	271	292	331
Chemistry	10,713	10,926	10,873	10,390	9,822	9,448	9,332	9,305	9,937
Physics	3,703	3,393	3,455	3,362	3,457	3,651	3,922	4,156	4,210
Other physical sciences	832	805	777	668	644	641	597	487	552
Psychology	73,828	74,734	74,457	74,654	74,168	77,323	79,115	82,510	85,936
Social sciences	111,789	111,050	110,806	113,534	114,454	119,113	129,642	137,557	144,448
Anthropology	6,389	6,759	6,894	7,057	6,898	7,198	7,542	7,629	7,739
Area/ethnic studies	5,197	5,257	5,441	5,617	5,561	5,844	5,745	6,242	6,611
Economics	17,896	17,701	18,244	19,400	20,377	21,827	23,871	24,933	25,164
History of science	21	31	39	92	101	103	103	140	117
Linguistics	619	577	680	727	757	861	920	1,047	1,053
Political science and public administration	39,928	37,807	36,654	36,439	36,651	38,573	43,735	47,353	51,417
Sociology	24,169	24,750	24,884	25,685	25,363	25,318	26,191	27,030	28,576
Other social sciences	17,570	18,168	17,970	18,517	18,746	19,389	21,535	23,183	23,771
Engineering	63,114	62,352	60,914	59,536	59,258	60,639	63,773	64,675	66,133
Aerospace engineering	1,642	1,290	1,247	1,267	1,498	1,747	2,017	2,318	2,384
Chemical engineering	6,708	6,977	6,721	6,219	6,088	5,946	5,545	5,185	4,889
Civil engineering	12,053	12,010	11,522	9,596	8,949	8,891	9,367	9,399	9,797
Electrical engineering	16,667	16,434	16,322	17,672	18,371	18,977	20,729	21,342	21,412
Industrial engineering	3,727	3,997	3,988	3,937	3,818	3,976	3,939	3,807	3,938
Materials engineering	1,004	1,063	1,007	972	930	933	950	865	906
Mechanical engineering	14,509	13,806	13,363	13,109	13,160	13,377	14,044	14,368	14,908
Other engineering	6,804	6,775	6,744	6,764	6,444	6,792	7,182	7,391	7,899
Non-S&E	795,141	798,107	808,961	854,499	857,442	890,119	918,756	951,161	971,197
Female									
All fields	651,815	661,307	673,865	716,963	721,625	751,773	783,866	810,817	828,938
S&E	181,333	187,011	190,397	200,953	202,583	211,203	222,389	229,939	235,197
Sciences	170,017	175,541	179,058	188,737	190,669	198,516	209,419	216,682	222,000
Agricultural sciences	6,504	7,267	7,743	8,464	8,491	8,634	8,959	8,714	8,731
Biological sciences	32,865	35,266	37,101	37,958	37,084	37,695	39,533	40,440	42,283
Computer sciences	6,772	6,903	7,439	10,474	11,900	13,504	15,190	14,406	11,235
Earth, atmospheric, and ocean sciences	1,485	1,542	1,599	1,617	1,622	1,702	1,651	1,647	1,660
Atmospheric sciences	86	83	104	114	132	151	176	203	241
Earth sciences	1,334	1,385	1,403	1,409	1,400	1,446	1,406	1,358	1,351
Ocean sciences	65	74	92	94	90	105	69	86	68
Mathematics and statistics	5,992	5,889	5,659	5,604	5,497	5,762	5,879	6,318	6,625

TABLE C-5. Bachelor's degrees, by field and sex: 1996–2005

Field and sex	1996	1997	1998	2000	2001	2002	2003	2004	2005
Physical sciences	5,702	5,882	5,994	5,990	5,911	5,982	5,884	6,002	6,420
Astronomy	55	46	58	54	95	116	110	123	143
Chemistry	4,622	4,883	4,973	4,907	4,775	4,729	4,682	4,755	5,146
Physics	684	652	666	724	756	826	840	908	903
Other physical sciences	341	301	297	305	285	311	252	216	228
Psychology	53,863	55,243	55,400	57,114	57,467	59,926	61,499	64,208	66,833
Social sciences	56,834	57,549	58,123	61,516	62,697	65,311	70,824	74,947	78,213
Anthropology	4,058	4,313	4,480	4,742	4,706	4,926	5,229	5,280	5,379
Area/ethnic studies	3,217	3,256	3,441	3,572	3,657	3,808	3,690	4,080	4,266
Economics	5,372	5,448	5,791	6,384	6,924	7,389	8,096	8,281	8,141
History of science	9	17	18	52	56	63	54	73	64
Linguistics	438	393	483	498	512	612	626	717	729
Political science and public administration	18,350	17,854	17,320	18,347	18,637	19,743	22,466	24,288	26,325
Sociology	16,375	16,904	17,122	18,028	17,923	18,011	18,638	19,310	20,138
Other social sciences	9,015	9,364	9,468	9,893	10,282	10,759	12,025	12,918	13,171
Engineering	11,316	11,470	11,339	12,216	11,914	12,687	12,970	13,257	13,197
Aerospace engineering	247	202	197	238	304	312	384	413	404
Chemical engineering	2,171	2,276	2,196	2,203	2,055	2,123	2,013	1,833	1,776
Civil engineering	2,424	2,569	2,576	2,333	2,041	2,224	2,249	2,279	2,349
Electrical engineering	1,972	2,018	2,012	2,350	2,542	2,720	2,909	3,032	2,833
Industrial engineering	1,097	1,079	1,020	1,307	1,224	1,341	1,312	1,265	1,269
Materials engineering	223	259	235	268	263	285	276	270	282
Mechanical engineering	1,736	1,635	1,636	1,784	1,739	1,783	1,861	1,952	1,953
Other engineering	1,446	1,432	1,467	1,733	1,746	1,899	1,966	2,213	2,331
Non-S&E	470,482	474,296	483,468	516,010	519,042	540,570	561,477	580,878	593,741
Male									
All fields	528,000	525,282	525,714	536,158	536,023	553,957	575,977	596,192	608,262
S&E	203,341	201,471	200,221	197,669	197,623	204,408	218,698	225,909	230,806
Sciences	151,543	150,589	150,646	150,349	150,279	156,456	167,895	174,491	177,870
Agricultural sciences	9,884	10,094	10,224	9,780	8,976	8,726	8,734	8,327	8,380
Biological sciences	29,216	29,873	30,011	26,946	25,005	24,073	24,049	24,322	25,699
Computer sciences	17,773	18,490	20,235	26,914	31,284	35,631	41,139	42,999	39,329
Earth, atmospheric, and ocean sciences	2,972	2,924	2,722	2,430	2,346	2,282	2,298	2,256	2,299
Atmospheric sciences	348	348	339	376	324	374	386	369	436
Earth sciences	2,504	2,445	2,262	1,950	1,934	1,788	1,846	1,812	1,795
Ocean sciences	120	131	121	104	88	120	66	75	68
Mathematics and statistics	7,084	6,834	6,435	6,131	5,958	6,511	7,003	7,437	8,215
Physical sciences	9,694	9,382	9,279	8,590	8,252	8,034	8,238	8,238	8,610
Astronomy	93	94	110	106	145	160	161	169	188
Chemistry	6,091	6,043	5,900	5,483	5,047	4,719	4,650	4,550	4,791
Physics	3,019	2,741	2,789	2,638	2,701	2,825	3,082	3,248	3,307
Other physical sciences	491	504	480	363	359	330	345	271	324
Psychology	19,965	19,491	19,057	17,540	16,701	17,397	17,616	18,302	19,103
Social sciences	54,955	53,501	52,683	52,018	51,757	53,802	58,818	62,610	66,235
Anthropology	2,331	2,446	2,414	2,315	2,192	2,272	2,313	2,349	2,360
Area/ethnic studies	1,980	2,001	2,000	2,045	1,904	2,036	2,055	2,162	2,345
Economics	12,524	12,253	12,453	13,016	13,453	14,438	15,775	16,652	17,023
History of science	12	14	21	40	45	40	49	67	53
Linguistics	181	184	197	229	245	249	294	330	324
Political science and public administration	21,578	19,953	19,334	18,092	18,014	18,830	21,269	23,065	25,092
Sociology	7,794	7,846	7,762	7,657	7,440	7,307	7,553	7,720	8,438
Other social sciences	8,555	8,804	8,502	8,624	8,464	8,630	9,510	10,265	10,600

TABLE C-5. Bachelor's degrees, by field and sex: 1996–2005

Field and sex	1996	1997	1998	2000	2001	2002	2003	2004	2005
Engineering	51,798	50,882	49,575	47,320	47,344	47,952	50,803	51,418	52,936
Aerospace engineering	1,395	1,088	1,050	1,029	1,194	1,435	1,633	1,905	1,980
Chemical engineering	4,537	4,701	4,525	4,016	4,033	3,823	3,532	3,352	3,113
Civil engineering	9,629	9,441	8,946	7,263	6,908	6,667	7,118	7,120	7,448
Electrical engineering	14,695	14,416	14,310	15,322	15,829	16,257	17,820	18,310	18,579
Industrial engineering	2,630	2,918	2,968	2,630	2,594	2,635	2,627	2,542	2,669
Materials engineering	781	804	772	704	667	648	674	595	624
Mechanical engineering	12,773	12,171	11,727	11,325	11,421	11,594	12,183	12,416	12,955
Other engineering	5,358	5,343	5,277	5,031	4,698	4,893	5,216	5,178	5,568
Non-S&E	324,659	323,811	325,493	338,489	338,400	349,549	357,279	370,283	377,456

NOTE: Data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE C-6. Bachelor's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
All fields	1,179,815	1,186,589	1,199,579	1,253,121	1,257,648	1,305,730	1,359,843	1,407,009	1,437,200
S&E	384,674	388,482	390,618	398,622	400,206	415,611	441,087	455,848	466,003
Sciences	321,560	326,130	329,704	339,086	340,948	354,972	377,314	391,173	399,870
Agricultural sciences	16,388	17,361	17,967	18,244	17,467	17,360	17,693	17,041	17,111
Biological sciences	62,081	65,139	67,112	64,904	62,089	61,768	63,582	64,762	67,982
Computer sciences	24,545	25,393	27,674	37,388	43,184	49,135	56,329	57,405	50,564
Earth, atmospheric, and ocean sciences	4,457	4,466	4,321	4,047	3,968	3,984	3,949	3,903	3,959
Atmospheric sciences	434	431	443	490	456	525	562	572	677
Earth sciences	3,838	3,830	3,665	3,359	3,334	3,234	3,252	3,170	3,146
Ocean sciences	185	205	213	198	178	225	135	161	136
Mathematics and statistics	13,076	12,723	12,094	11,735	11,455	12,273	12,882	13,755	14,840
Physical sciences	15,396	15,264	15,273	14,580	14,163	14,016	14,122	14,240	15,030
Astronomy	148	140	168	160	240	276	271	292	331
Chemistry	10,713	10,926	10,873	10,390	9,822	9,448	9,332	9,305	9,937
Physics	3,703	3,393	3,455	3,362	3,457	3,651	3,922	4,156	4,210
Other	832	805	777	668	644	641	597	487	552
Psychology	73,828	74,734	74,457	74,654	74,168	77,323	79,115	82,510	85,936
Social sciences	111,789	111,050	110,806	113,534	114,454	119,113	129,642	137,557	144,448
Anthropology	6,389	6,759	6,894	7,057	6,898	7,198	7,542	7,629	7,739
Area and ethnic studies	5,197	5,257	5,441	5,617	5,561	5,844	5,745	6,242	6,611
Economics	17,896	17,701	18,244	19,400	20,377	21,827	23,871	24,933	25,164
History of science	21	31	39	92	101	103	103	140	117
Linguistics	619	577	680	727	757	861	920	1,047	1,053
Political science and public administration	39,928	37,807	36,654	36,439	36,651	38,573	43,735	47,353	51,417
Sociology	24,169	24,750	24,884	25,685	25,363	25,318	26,191	27,030	28,576
Other	17,570	18,168	17,970	18,517	18,746	19,389	21,535	23,183	23,771
Engineering	63,114	62,352	60,914	59,536	59,258	60,639	63,773	64,675	66,133
Aerospace engineering	1,642	1,290	1,247	1,267	1,498	1,747	2,017	2,318	2,384
Chemical engineering	6,708	6,977	6,721	6,219	6,088	5,946	5,545	5,185	4,889
Civil engineering	12,053	12,010	11,522	9,596	8,949	8,891	9,367	9,399	9,797
Electrical engineering	16,667	16,434	16,322	17,672	18,371	18,977	20,729	21,342	21,412
Industrial engineering	3,727	3,997	3,988	3,937	3,818	3,976	3,939	3,807	3,938
Materials engineering	1,004	1,063	1,007	972	930	933	950	865	906
Mechanical engineering	14,509	13,806	13,363	13,109	13,160	13,377	14,044	14,368	14,908
Other	6,804	6,775	6,744	6,764	6,444	6,792	7,182	7,391	7,899
Non-S&E	795,141	798,107	808,961	854,499	857,442	890,119	918,756	951,161	971,197
U.S. citizen/permanent resident									
All fields	1,142,028	1,147,815	1,160,692	1,214,326	1,218,169	1,264,606	1,317,020	1,362,834	1,392,752
S&E	369,927	373,745	375,909	383,438	384,492	399,288	423,358	437,228	447,559
Sciences	311,576	316,190	319,638	328,435	329,653	342,916	363,860	377,100	386,163
Agricultural sciences	16,118	17,108	17,674	17,986	17,219	17,098	17,423	16,792	16,837
Biological sciences	60,714	63,677	65,689	63,528	60,652	60,311	62,045	63,109	66,016
Computer sciences	22,359	23,378	25,537	34,502	39,792	45,247	51,643	52,544	46,688
Earth, atmospheric, and ocean sciences	4,403	4,388	4,239	4,001	3,919	3,925	3,892	3,853	3,879
Atmospheric sciences	433	420	439	482	454	519	554	569	667
Earth sciences	3,790	3,770	3,590	3,326	3,288	3,185	3,204	3,125	3,081
Ocean sciences	180	198	210	193	177	221	134	159	131
Mathematics and statistics	12,525	12,190	11,641	11,256	11,029	11,819	12,260	13,073	14,079

TABLE C-6. Bachelor's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Physical sciences	14,764	14,671	14,680	14,048	13,605	13,471	13,599	13,649	14,360
Astronomy	140	132	157	156	227	260	256	282	311
Chemistry	10,298	10,530	10,488	10,046	9,487	9,105	9,006	8,955	9,539
Physics	3,510	3,217	3,277	3,202	3,275	3,484	3,754	3,967	4,009
Other	816	792	758	644	616	622	583	445	501
Psychology	72,812	73,685	73,287	73,390	72,885	75,956	77,721	81,039	84,432
Social sciences	107,881	107,093	106,891	109,724	110,552	115,089	125,277	133,041	139,872
Anthropology	6,272	6,586	6,792	6,941	6,778	7,084	7,448	7,523	7,624
Area and ethnic studies	4,994	5,059	5,264	5,439	5,394	5,684	5,585	6,078	6,448
Economics	16,109	15,877	16,461	17,709	18,553	19,923	21,823	22,763	22,964
History of science	21	31	38	91	98	101	100	140	116
Linguistics	542	491	580	644	680	780	840	973	976
Political science and public administration	38,798	36,755	35,475	35,285	35,504	37,411	42,451	46,046	50,151
Sociology	23,845	24,451	24,575	25,386	25,105	25,023	25,842	26,704	28,247
Other	17,300	17,843	17,706	18,229	18,440	19,083	21,188	22,814	23,346
Engineering	58,351	57,555	56,271	55,003	54,839	56,372	59,498	60,128	61,396
Aerospace engineering	1,519	1,161	1,110	1,146	1,350	1,625	1,857	2,144	2,213
Chemical engineering	6,139	6,406	6,214	5,774	5,664	5,499	5,186	4,817	4,478
Civil engineering	11,615	11,536	11,012	9,137	8,537	8,520	9,018	9,084	9,471
Electrical engineering	14,680	14,564	14,485	15,836	16,529	17,108	18,677	19,069	19,093
Industrial engineering	3,279	3,517	3,502	3,456	3,343	3,534	3,537	3,426	3,543
Materials engineering	975	1,035	974	935	888	904	919	836	866
Mechanical engineering	13,727	12,898	12,566	12,320	12,416	12,694	13,448	13,754	14,261
Other	6,417	6,438	6,408	6,399	6,112	6,488	6,856	6,998	7,471
Non-S&E	772,101	774,070	784,783	830,888	833,677	865,318	893,662	925,606	945,193
White									
All fields	884,128	877,759	878,018	895,129	888,412	912,956	940,495	962,887	977,279
S&E	276,786	274,800	272,561	270,416	267,848	276,379	290,306	296,576	301,172
Sciences	233,643	233,134	231,987	231,349	229,081	236,656	248,481	254,719	258,964
Agricultural sciences	14,399	15,246	15,616	15,655	14,950	14,729	14,925	14,353	14,347
Biological sciences	43,739	45,387	45,912	43,907	41,325	41,288	41,949	42,460	43,774
Computer sciences	15,577	15,846	17,069	21,719	24,491	27,506	30,458	30,357	27,615
Earth, atmospheric, and ocean sciences	4,010	3,986	3,803	3,561	3,436	3,450	3,442	3,338	3,366
Atmospheric sciences	403	390	416	437	395	467	493	508	597
Earth sciences	3,447	3,429	3,207	2,959	2,888	2,806	2,837	2,691	2,663
Ocean sciences	160	167	180	165	153	177	112	139	106
Mathematics and statistics	9,799	9,432	8,903	8,395	8,173	8,756	8,976	9,639	10,171
Physical sciences	11,078	10,934	10,763	10,096	9,812	9,701	9,934	9,833	10,296
Astronomy	107	112	127	131	185	204	212	220	234
Chemistry	7,487	7,537	7,370	6,900	6,505	6,268	6,281	6,153	6,595
Physics	2,842	2,623	2,652	2,543	2,625	2,742	2,970	3,128	3,101
Other	642	662	614	522	497	487	471	332	366
Psychology	55,905	55,346	54,225	52,397	51,562	53,324	54,676	56,515	58,043
Social sciences	79,136	76,957	75,696	75,619	75,332	77,902	84,121	88,224	91,352
Anthropology	5,045	5,225	5,383	5,378	5,222	5,380	5,592	5,496	5,583
Area and ethnic studies	2,998	3,026	2,987	2,943	2,938	3,076	2,948	3,178	3,239
Economics	11,640	11,437	11,599	12,102	12,419	13,374	14,302	14,662	14,723
History of science	18	24	33	58	57	60	68	100	86
Linguistics	373	359	397	450	499	585	603	652	637
Political science and public administration	28,933	26,770	25,624	24,976	24,963	26,162	29,547	31,681	33,838
Sociology	16,777	16,661	16,450	16,561	16,105	15,838	16,275	16,681	17,247
Other	13,352	13,455	13,223	13,151	13,129	13,427	14,786	15,774	15,999



TABLE C-6. Bachelor's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Engineering	43,143	41,666	40,574	39,067	38,767	39,723	41,825	41,857	42,208
Aerospace engineering	1,172	869	877	899	1,058	1,279	1,447	1,629	1,723
Chemical engineering	4,577	4,631	4,405	4,062	4,061	3,976	3,746	3,483	3,203
Civil engineering	9,117	8,940	8,481	7,003	6,615	6,624	7,032	7,011	7,194
Electrical engineering	9,427	9,293	9,174	9,715	9,891	9,975	10,957	10,934	10,856
Industrial engineering	2,350	2,271	2,333	2,385	2,330	2,428	2,392	2,352	2,356
Materials engineering	787	813	760	741	708	712	701	614	633
Mechanical engineering	10,688	9,919	9,656	9,467	9,541	9,876	10,516	10,756	10,961
Other	5,025	4,930	4,888	4,795	4,563	4,853	5,034	5,078	5,282
Non-S&E	607,342	602,959	605,457	624,713	620,564	636,577	650,189	666,311	676,107
Asian/Pacific Islander									
All fields	63,117	67,358	69,988	75,265	75,496	79,149	83,049	86,030	90,562
S&E	30,419	32,568	34,004	35,553	36,398	37,452	39,738	41,178	43,030
Sciences	23,619	25,483	27,002	28,699	29,373	30,331	32,326	33,553	34,822
Agricultural sciences	307	396	439	454	399	411	459	415	446
Biological sciences	7,967	8,541	8,869	8,025	7,493	7,209	7,399	7,786	8,832
Computer sciences	2,454	2,803	3,220	5,401	6,326	7,207	8,073	7,462	6,075
Earth, atmospheric, and ocean sciences	93	95	92	98	86	85	73	85	86
Atmospheric sciences	9	7	5	14	14	8	9	11	15
Earth sciences	79	77	76	77	64	65	58	65	69
Ocean sciences	5	11	11	7	8	12	6	9	2
Mathematics and statistics	910	852	834	891	916	1,000	1,153	1,244	1,420
Physical sciences	1,466	1,525	1,584	1,462	1,344	1,217	1,143	1,229	1,316
Astronomy	15	7	12	9	12	24	16	18	21
Chemistry	1,172	1,280	1,337	1,208	1,126	978	893	960	1,024
Physics	236	204	208	218	184	184	204	223	236
Other	43	34	27	27	22	31	30	28	35
Psychology	3,666	4,067	4,267	4,188	4,150	4,241	4,060	4,345	4,799
Social sciences	6,756	7,204	7,697	8,180	8,659	8,961	9,966	10,987	11,848
Anthropology	316	363	404	340	332	377	396	398	424
Area and ethnic studies	621	574	676	737	714	686	671	758	875
Economics	1,994	2,154	2,430	2,774	3,082	3,235	3,708	4,007	4,003
History of science	2	4	3	12	15	20	16	14	11
Linguistics	58	62	85	72	69	73	84	105	112
Political science and public administration	2,009	2,100	2,141	2,077	2,228	2,325	2,645	2,900	3,266
Sociology	1,090	1,228	1,212	1,324	1,300	1,325	1,372	1,596	1,853
Other	666	719	746	844	919	920	1,074	1,209	1,304
Engineering	6,800	7,085	7,002	6,854	7,025	7,121	7,412	7,625	8,208
Aerospace engineering	159	118	96	98	103	128	145	186	184
Chemical engineering	735	874	897	788	702	636	563	527	486
Civil engineering	986	1,017	909	646	521	482	500	493	585
Electrical engineering	2,688	2,663	2,757	3,143	3,522	3,774	3,966	4,083	4,290
Industrial engineering	322	437	369	332	319	356	386	376	352
Materials engineering	88	84	119	91	88	85	91	95	101
Mechanical engineering	1,177	1,135	1,128	1,002	998	892	939	928	1,082
Other	645	757	727	754	772	768	822	937	1,128
Non-S&E	32,698	34,790	35,984	39,712	39,098	41,697	43,311	44,852	47,532

TABLE C-6. Bachelor's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
<b>Black</b>									
All fields	89,554	92,067	95,878	104,212	106,648	111,032	117,257	122,618	125,678
S&E	28,397	29,825	30,751	32,924	33,290	34,796	36,711	38,369	39,283
Sciences	25,397	26,748	27,732	29,861	30,406	31,814	33,637	35,157	36,098
Agricultural sciences	341	367	409	450	428	454	452	450	444
Biological sciences	3,812	4,124	4,553	4,739	4,693	4,634	4,878	5,038	5,051
Computer sciences	2,427	2,432	2,666	3,497	4,291	4,954	5,867	5,934	5,303
Earth, atmospheric, and ocean sciences	60	57	70	51	56	62	60	65	68
Atmospheric sciences	7	8	7	10	2	10	12	20	8
Earth sciences	48	41	60	40	52	42	43	43	54
Ocean sciences	5	8	3	1	2	10	5	2	6
Mathematics and statistics	942	1,016	966	905	808	843	790	784	855
Physical sciences	1,040	1,053	1,057	1,090	996	1,018	928	958	966
Astronomy	3	0	2	1	2	3	1	3	4
Chemistry	789	861	824	888	827	796	744	756	761
Physics	176	148	179	152	133	182	147	166	166
Other	72	44	52	49	34	37	36	33	35
Psychology	6,028	6,647	6,852	7,572	7,562	7,747	8,011	8,479	9,130
Social sciences	10,747	11,052	11,159	11,557	11,572	12,102	12,651	13,449	14,281
Anthropology	183	220	234	268	242	253	258	338	320
Area and ethnic studies	635	653	692	738	691	784	749	805	905
Economics	1,020	925	979	1,044	1,089	1,221	1,326	1,409	1,377
History of science	0	2	0	6	6	4	6	8	5
Linguistics	19	8	21	14	24	25	17	32	33
Political science and public administration	3,811	3,761	3,638	3,602	3,554	3,737	4,048	4,423	4,844
Sociology	3,560	3,851	3,944	4,097	4,200	4,168	4,214	4,227	4,542
Other	1,519	1,632	1,651	1,788	1,766	1,910	2,033	2,207	2,255
Engineering	3,000	3,077	3,019	3,063	2,884	2,982	3,074	3,212	3,185
Aerospace engineering	51	50	35	40	39	43	65	70	71
Chemical engineering	337	373	385	383	373	346	317	303	273
Civil engineering	409	403	401	403	329	317	292	320	342
Electrical engineering	1,035	1,067	1,047	1,049	1,082	1,103	1,284	1,393	1,311
Industrial engineering	238	245	262	256	237	256	274	251	296
Materials engineering	29	20	32	24	27	32	22	22	19
Mechanical engineering	632	642	548	594	515	561	471	504	537
Other	269	277	309	314	282	324	349	349	336
Non-S&E	61,157	62,242	65,127	71,288	73,358	76,236	80,546	84,249	86,395
<b>Hispanic</b>									
All fields	71,015	74,938	78,125	88,324	89,972	95,104	100,352	105,165	109,643
S&E	22,886	24,445	25,712	27,984	28,321	29,871	32,331	33,437	35,202
Sciences	19,155	20,320	21,587	23,909	24,305	25,735	27,974	28,967	30,588
Agricultural sciences	504	559	631	634	607	662	686	673	710
Biological sciences	3,531	3,795	4,283	4,446	4,547	4,367	4,840	4,601	4,814
Computer sciences	1,284	1,327	1,473	2,155	2,354	2,714	3,445	3,535	3,179
Earth, atmospheric, and ocean sciences	105	113	118	127	157	136	119	131	151
Atmospheric sciences	7	8	8	9	15	10	10	13	20
Earth sciences	91	100	98	105	130	109	103	112	121
Ocean sciences	7	5	12	13	12	17	6	6	10
Mathematics and statistics	556	560	604	599	625	672	669	676	815

TABLE C-6. Bachelor's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Physical sciences	767	740	796	883	870	864	861	885	938
Astronomy	6	4	11	7	16	10	12	23	17
Chemistry	616	593	640	719	669	666	669	651	704
Physics	113	119	117	125	151	157	164	187	183
Other	32	24	28	32	34	31	16	24	34
Psychology	5,036	5,282	5,509	6,127	6,178	6,692	6,807	7,252	7,654
Social sciences	7,372	7,944	8,173	8,938	8,967	9,628	10,547	11,214	12,327
Anthropology	363	445	397	462	465	494	533	568	578
Area and ethnic studies	535	570	678	659	648	688	717	756	827
Economics	841	829	851	976	1,030	1,068	1,188	1,289	1,352
History of science	1	1	2	3	5	7	4	7	6
Linguistics	47	24	39	42	45	39	48	71	68
Political science and public administration	2,841	2,912	2,828	2,975	2,925	3,135	3,568	3,857	4,562
Sociology	1,685	1,908	2,081	2,317	2,291	2,440	2,555	2,665	2,874
Other	1,059	1,255	1,297	1,504	1,558	1,757	1,934	2,001	2,060
Engineering	3,731	4,125	4,125	4,075	4,016	4,136	4,357	4,470	4,614
Aerospace engineering	89	93	78	67	92	97	110	121	139
Chemical engineering	331	379	393	380	341	353	320	313	333
Civil engineering	738	874	920	762	742	761	798	836	888
Electrical engineering	1,052	1,123	1,070	1,283	1,302	1,411	1,428	1,551	1,521
Industrial engineering	316	451	450	391	356	372	364	332	364
Materials engineering	42	89	42	38	34	33	50	52	59
Mechanical engineering	849	832	866	846	880	819	950	935	962
Other	314	284	306	308	269	290	337	330	348
Non-S&E	48,129	50,493	52,413	60,340	61,651	65,233	68,021	71,728	74,441
American Indian/Alaskan Native									
All fields	6,813	7,238	7,706	8,431	8,664	8,668	9,242	9,914	9,556
S&E	2,149	2,298	2,392	2,611	2,796	2,642	2,892	3,231	3,167
Sciences	1,906	2,035	2,138	2,283	2,540	2,334	2,572	2,898	2,818
Agricultural sciences	139	146	151	190	215	158	163	187	160
Biological sciences	317	341	399	379	431	410	380	417	496
Computer sciences	89	99	112	172	271	229	263	416	249
Earth, atmospheric, and ocean sciences	23	31	25	43	35	26	24	31	25
Atmospheric sciences	1	1	0	4	5	1	4	1	1
Earth sciences	20	26	25	35	29	23	18	30	23
Ocean sciences	2	4	0	4	1	2	2	0	1
Mathematics and statistics	53	57	65	69	51	57	65	59	76
Physical sciences	81	69	81	65	73	83	94	76	103
Astronomy	0	0	0	2	2	2	4	1	3
Chemistry	57	54	64	49	47	57	71	50	65
Physics	21	11	14	12	19	21	17	20	33
Other	3	4	3	2	5	3	2	5	2
Psychology	470	496	515	518	561	542	544	596	552
Social sciences	734	796	790	847	903	829	1,039	1,116	1,157
Anthropology	75	86	80	89	93	85	111	103	98
Area and ethnic studies	62	62	75	80	106	121	128	145	134
Economics	67	68	69	71	68	65	95	108	95
History of science	0	0	0	1	0	0	0	0	0
Linguistics	3	5	10	10	2	2	9	4	12
Political science and public administration	228	253	215	231	234	241	286	352	342
Sociology	186	192	197	220	225	184	244	228	259
Other	113	130	144	145	175	131	166	176	217

TABLE C-6. Bachelor's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Engineering	243	263	254	328	256	308	320	333	349
Aerospace engineering	5	3	10	7	8	17	10	23	16
Chemical engineering	31	29	31	42	31	33	34	29	30
Civil engineering	59	71	62	84	65	67	67	64	73
Electrical engineering	55	50	53	81	56	70	99	88	84
Industrial engineering	8	19	15	23	17	21	12	15	27
Materials engineering	4	6	3	5	4	6	3	6	5
Mechanical engineering	57	45	47	53	51	61	58	73	72
Other	24	40	33	33	24	33	37	35	42
Non-S&E	4,664	4,940	5,314	5,820	5,868	6,026	6,350	6,683	6,389
Other or unknown race/ethnicity									
All fields	27,401	28,455	30,977	42,965	48,977	57,697	66,625	76,220	80,034
S&E	9,290	9,809	10,489	13,950	15,839	18,148	21,380	24,437	25,705
Sciences	7,856	8,470	9,192	12,334	13,948	16,046	18,870	21,806	22,873
Agricultural sciences	428	394	428	603	620	684	738	714	730
Biological sciences	1,348	1,489	1,673	2,032	2,163	2,403	2,599	2,807	3,049
Computer sciences	528	871	997	1,558	2,059	2,637	3,537	4,840	4,267
Earth, atmospheric, and ocean sciences	112	106	131	121	149	166	174	203	183
Atmospheric sciences	6	6	3	8	23	23	26	16	26
Earth sciences	105	97	124	110	125	140	145	184	151
Ocean sciences	1	3	4	3	1	3	3	3	6
Mathematics and statistics	265	273	269	397	456	491	607	671	742
Physical sciences	332	350	399	452	510	588	639	668	741
Astronomy	9	9	5	6	10	17	11	17	32
Chemistry	177	205	253	282	313	340	348	385	390
Physics	122	112	107	152	163	198	252	243	290
Other	24	24	34	12	24	33	28	23	29
Psychology	1,707	1,847	1,919	2,588	2,872	3,410	3,623	3,852	4,254
Social sciences	3,136	3,140	3,376	4,583	5,119	5,667	6,953	8,051	8,907
Anthropology	290	247	294	404	424	495	558	620	621
Area and ethnic studies	143	174	156	282	297	329	372	436	468
Economics	547	464	533	742	865	960	1,204	1,288	1,414
History of science	0	0	0	11	15	10	6	11	8
Linguistics	42	33	28	56	41	56	79	109	114
Political science and public administration	976	959	1,029	1,424	1,600	1,811	2,357	2,833	3,299
Sociology	547	611	691	867	984	1,068	1,182	1,307	1,472
Other	591	652	645	797	893	938	1,195	1,447	1,511
Engineering	1,434	1,339	1,297	1,616	1,891	2,102	2,510	2,631	2,832
Aerospace engineering	43	28	14	35	50	61	80	115	80
Chemical engineering	128	120	103	119	156	155	206	162	153
Civil engineering	306	231	239	239	265	269	329	360	389
Electrical engineering	423	368	384	565	676	775	943	1,020	1,031
Industrial engineering	45	94	73	69	84	101	109	100	148
Materials engineering	25	23	18	36	27	36	52	47	49
Mechanical engineering	324	325	321	358	431	485	514	558	647
Other	140	150	145	195	202	220	277	269	335
Non-S&E	18,111	18,646	20,488	29,015	33,138	39,549	45,245	51,783	54,329

TABLE C-6. Bachelor's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Temporary resident									
All fields	37,787	38,774	38,887	38,795	39,479	41,124	42,823	44,175	44,448
S&E	14,747	14,737	14,709	15,184	15,714	16,323	17,729	18,620	18,444
Sciences	9,984	9,940	10,066	10,651	11,295	12,056	13,454	14,073	13,707
Agricultural sciences	270	253	293	258	248	262	270	249	274
Biological sciences	1,367	1,462	1,423	1,376	1,437	1,457	1,537	1,653	1,966
Computer sciences	2,186	2,015	2,137	2,886	3,392	3,888	4,686	4,861	3,876
Earth, atmospheric, and ocean sciences	54	78	82	46	49	59	57	50	80
Atmospheric sciences	1	11	4	8	2	6	8	3	10
Earth sciences	48	60	75	33	46	49	48	45	65
Ocean sciences	5	7	3	5	1	4	1	2	5
Mathematics and statistics	551	533	453	479	426	454	622	682	761
Physical sciences	632	593	593	532	558	545	523	591	670
Astronomy	8	8	11	4	13	16	15	10	20
Chemistry	415	396	385	344	335	343	326	350	398
Physics	193	176	178	160	182	167	168	189	201
Other	16	13	19	24	28	19	14	42	51
Psychology	1,016	1,049	1,170	1,264	1,283	1,367	1,394	1,471	1,504
Social sciences	3,908	3,957	3,915	3,810	3,902	4,024	4,365	4,516	4,576
Anthropology	117	173	102	116	120	114	94	106	115
Area and ethnic studies	203	198	177	178	167	160	160	164	163
Economics	1,787	1,824	1,783	1,691	1,824	1,904	2,048	2,170	2,200
History of science	0	0	1	1	3	2	3	0	1
Linguistics	77	86	100	83	77	81	80	74	77
Political science and public administration	1,130	1,052	1,179	1,154	1,147	1,162	1,284	1,307	1,266
Sociology	324	299	309	299	258	295	349	326	329
Other	270	325	264	288	306	306	347	369	425
Engineering	4,763	4,797	4,643	4,533	4,419	4,267	4,275	4,547	4,737
Aerospace engineering	123	129	137	121	148	122	160	174	171
Chemical engineering	569	571	507	445	424	447	359	368	411
Civil engineering	438	474	510	459	412	371	349	315	326
Electrical engineering	1,987	1,870	1,837	1,836	1,842	1,869	2,052	2,273	2,319
Industrial engineering	448	480	486	481	475	442	402	381	395
Materials engineering	29	28	33	37	42	29	31	29	40
Mechanical engineering	782	908	797	789	744	683	596	614	647
Other	387	337	336	365	332	304	326	393	428
Non-S&E	23,040	24,037	24,178	23,611	23,765	24,801	25,094	25,555	26,004

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE C-7. Racial/ethnic distribution of S&E bachelor's degrees awarded to U.S. citizens and permanent residents, by field: 1996–2005  
(Percent)

Field and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
<b>White</b>									
All fields	77.4	76.5	75.6	73.7	72.9	72.2	71.4	70.7	70.2
S&E	74.8	73.5	72.5	70.5	69.7	69.2	68.6	67.8	67.3
Sciences	75.0	73.7	72.6	70.4	69.5	69.0	68.3	67.5	67.1
Agricultural sciences	89.3	89.1	88.4	87.0	86.8	86.1	85.7	85.5	85.2
Biological sciences	72.0	71.3	69.9	69.1	68.1	68.5	67.6	67.3	66.3
Computer sciences	69.7	67.8	66.8	62.9	61.5	60.8	59.0	57.8	59.1
Earth, atmospheric, and ocean sciences	91.1	90.8	89.7	89.0	87.7	87.9	88.4	86.6	86.8
Atmospheric sciences	93.1	92.9	94.8	90.7	87.0	90.0	89.0	89.3	89.5
Earth sciences	90.9	91.0	89.3	89.0	87.8	88.1	88.5	86.1	86.4
Ocean sciences	88.9	84.3	85.7	85.5	86.4	80.1	83.6	87.4	80.9
Mathematics and statistics	78.2	77.4	76.5	74.6	74.1	74.1	73.2	73.7	72.2
Physical sciences	75.0	74.5	73.3	71.9	72.1	72.0	73.0	72.0	71.7
Astronomy	76.4	84.8	80.9	84.0	81.5	78.5	82.8	78.0	75.2
Chemistry	72.7	71.6	70.3	68.7	68.6	68.8	69.7	68.7	69.1
Physics	81.0	81.5	80.9	79.4	80.2	78.7	79.1	78.9	77.4
Other	78.7	83.6	81.0	81.1	80.7	78.3	80.8	74.6	73.1
Psychology	76.8	75.1	74.0	71.4	70.7	70.2	70.3	69.7	68.7
Social sciences	73.4	71.9	70.8	68.9	68.1	67.7	67.1	66.3	65.3
Anthropology	80.4	79.3	79.3	77.5	77.0	75.9	75.1	73.1	73.2
Area and ethnic studies	60.0	59.8	56.7	54.1	54.5	54.1	52.8	52.3	50.2
Economics	72.3	72.0	70.5	68.3	66.9	67.1	65.5	64.4	64.1
History of science	85.7	77.4	86.8	63.7	58.2	59.4	68.0	71.4	74.1
Linguistics	68.8	73.1	68.4	69.9	73.4	75.0	71.8	67.0	65.3
Political science and public administration	74.6	72.8	72.2	70.8	70.3	69.9	69.6	68.8	67.5
Sociology	70.4	68.1	66.9	65.2	64.2	63.3	63.0	62.5	61.1
Other	77.2	75.4	74.7	72.1	71.2	70.4	69.8	69.1	68.5
Engineering	73.9	72.4	72.1	71.0	70.7	70.5	70.3	69.6	68.7
Aerospace engineering	77.2	74.8	79.0	78.4	78.4	78.7	77.9	76.0	77.9
Chemical engineering	74.6	72.3	70.9	70.3	71.7	72.3	72.2	72.3	71.5
Civil engineering	78.5	77.5	77.0	76.6	77.5	77.7	78.0	77.2	76.0
Electrical engineering	64.2	63.8	63.3	61.3	59.8	58.3	58.7	57.3	56.9
Industrial engineering	71.7	64.6	66.6	69.0	69.7	68.7	67.6	68.7	66.5
Materials engineering	80.7	78.6	78.0	79.3	79.7	78.8	76.3	73.4	73.1
Mechanical engineering	77.9	76.9	76.8	76.8	76.8	77.8	78.2	78.2	76.9
Other	78.3	76.6	76.3	74.9	74.7	74.8	73.4	72.6	70.7
Non-S&E	78.7	77.9	77.1	75.2	74.4	73.6	72.8	72.0	71.5
<b>Asian/Pacific Islander</b>									
All fields	5.5	5.9	6.0	6.2	6.2	6.3	6.3	6.3	6.5
S&E	8.2	8.7	9.0	9.3	9.5	9.4	9.4	9.4	9.6
Sciences	7.6	8.1	8.4	8.7	8.9	8.8	8.9	8.9	9.0
Agricultural sciences	1.9	2.3	2.5	2.5	2.3	2.4	2.6	2.5	2.6
Biological sciences	13.1	13.4	13.5	12.6	12.4	12.0	11.9	12.3	13.4
Computer sciences	11.0	12.0	12.6	15.7	15.9	15.9	15.6	14.2	13.0
Earth, atmospheric, and ocean sciences	2.1	2.2	2.2	2.4	2.2	2.2	1.9	2.2	2.2
Atmospheric sciences	2.1	1.7	1.1	2.9	3.1	1.5	1.6	1.9	2.2

TABLE C-7. Racial/ethnic distribution of S&E bachelor's degrees awarded to U.S. citizens and permanent residents, by field: 1996–2005

(Percent)

Field and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Earth sciences	2.1	2.0	2.1	2.3	1.9	2.0	1.8	2.1	2.2
Ocean sciences	2.8	5.6	5.2	3.6	4.5	5.4	4.5	5.7	1.5
Mathematics and statistics	7.3	7.0	7.2	7.9	8.3	8.5	9.4	9.5	10.1
Physical sciences	9.9	10.4	10.8	10.4	9.9	9.0	8.4	9.0	9.2
Astronomy	10.7	5.3	7.6	5.8	5.3	9.2	6.3	6.4	6.8
Chemistry	11.4	12.2	12.7	12.0	11.9	10.7	9.9	10.7	10.7
Physics	6.7	6.3	6.3	6.8	5.6	5.3	5.4	5.6	5.9
Other	5.3	4.3	3.6	4.2	3.6	5.0	5.1	6.3	7.0
Psychology	5.0	5.5	5.8	5.7	5.7	5.6	5.2	5.4	5.7
Social sciences	6.3	6.7	7.2	7.5	7.8	7.8	8.0	8.3	8.5
Anthropology	5.0	5.5	5.9	4.9	4.9	5.3	5.3	5.3	5.6
Area and ethnic studies	12.4	11.3	12.8	13.6	13.2	12.1	12.0	12.5	13.6
Economics	12.4	13.6	14.8	15.7	16.6	16.2	17.0	17.6	17.4
History of science	9.5	12.9	7.9	13.2	15.3	19.8	16.0	10.0	9.5
Linguistics	10.7	12.6	14.7	11.2	10.1	9.4	10.0	10.8	11.5
Political science and public administration	5.2	5.7	6.0	5.9	6.3	6.2	6.2	6.3	6.5
Sociology	4.6	5.0	4.9	5.2	5.2	5.3	5.3	6.0	6.6
Other	3.8	4.0	4.2	4.6	5.0	4.8	5.1	5.3	5.6
Engineering	11.7	12.3	12.4	12.5	12.8	12.6	12.5	12.7	13.4
Aerospace engineering	10.5	10.2	8.6	8.6	7.6	7.9	7.8	8.7	8.3
Chemical engineering	12.0	13.6	14.4	13.6	12.4	11.6	10.9	10.9	10.9
Civil engineering	8.5	8.8	8.3	7.1	6.1	5.7	5.5	5.4	6.2
Electrical engineering	18.3	18.3	19.0	19.8	21.3	22.1	21.2	21.4	22.5
Industrial engineering	9.8	12.4	10.5	9.6	9.5	10.1	10.9	11.0	9.9
Materials engineering	9.0	8.1	12.2	9.7	9.9	9.4	9.9	11.4	11.7
Mechanical engineering	8.6	8.8	9.0	8.1	8.0	7.0	7.0	6.7	7.6
Other	10.1	11.8	11.3	11.8	12.6	11.8	12.0	13.4	15.1
Non-S&E	4.2	4.5	4.6	4.8	4.7	4.8	4.8	4.8	5.0
Black									
All fields	7.8	8.0	8.3	8.6	8.8	8.8	8.9	9.0	9.0
S&E	7.7	8.0	8.2	8.6	8.7	8.7	8.7	8.8	8.8
Sciences	8.2	8.5	8.7	9.1	9.2	9.3	9.2	9.3	9.3
Agricultural sciences	2.1	2.1	2.3	2.5	2.5	2.7	2.6	2.7	2.6
Biological sciences	6.3	6.5	6.9	7.5	7.7	7.7	7.9	8.0	7.7
Computer sciences	10.9	10.4	10.4	10.1	10.8	10.9	11.4	11.3	11.4
Earth, atmospheric, and ocean sciences	1.4	1.3	1.7	1.3	1.4	1.6	1.5	1.7	1.8
Atmospheric sciences	1.6	1.9	1.6	2.1	0.4	1.9	2.2	3.5	1.2
Earth sciences	1.3	1.1	1.7	1.2	1.6	1.3	1.3	1.4	1.8
Ocean sciences	2.8	4.0	1.4	0.5	1.1	4.5	3.7	1.3	4.6
Mathematics and statistics	7.5	8.3	8.3	8.0	7.3	7.1	6.4	6.0	6.1
Physical sciences	7.0	7.2	7.2	7.8	7.3	7.6	6.8	7.0	6.7
Astronomy	2.1	0.0	1.3	0.6	0.9	1.2	0.4	1.1	1.3
Chemistry	7.7	8.2	7.9	8.8	8.7	8.7	8.3	8.4	8.0
Physics	5.0	4.6	5.5	4.7	4.1	5.2	3.9	4.2	4.1
Other	8.8	5.6	6.9	7.6	5.5	5.9	6.2	7.4	7.0
Psychology	8.3	9.0	9.3	10.3	10.4	10.2	10.3	10.5	10.8

TABLE C-7. Racial/ethnic distribution of S&E bachelor's degrees awarded to U.S. citizens and permanent residents, by field: 1996–2005  
(Percent)

Field and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Social sciences	10.0	10.3	10.4	10.5	10.5	10.5	10.1	10.1	10.2
Anthropology	2.9	3.3	3.4	3.9	3.6	3.6	3.5	4.5	4.2
Area and ethnic studies	12.7	12.9	13.1	13.6	12.8	13.8	13.4	13.2	14.0
Economics	6.3	5.8	5.9	5.9	5.9	6.1	6.1	6.2	6.0
History of science	0.0	6.5	0.0	6.6	6.1	4.0	6.0	5.7	4.3
Linguistics	3.5	1.6	3.6	2.2	3.5	3.2	2.0	3.3	3.4
Political science and public administration	9.8	10.2	10.3	10.2	10.0	10.0	9.5	9.6	9.7
Sociology	14.9	15.7	16.0	16.1	16.7	16.7	16.3	15.8	16.1
Other	8.8	9.1	9.3	9.8	9.6	10.0	9.6	9.7	9.7
Engineering	5.1	5.3	5.4	5.6	5.3	5.3	5.2	5.3	5.2
Aerospace engineering	3.4	4.3	3.2	3.5	2.9	2.6	3.5	3.3	3.2
Chemical engineering	5.5	5.8	6.2	6.6	6.6	6.3	6.1	6.3	6.1
Civil engineering	3.5	3.5	3.6	4.4	3.9	3.7	3.2	3.5	3.6
Electrical engineering	7.1	7.3	7.2	6.6	6.5	6.4	6.9	7.3	6.9
Industrial engineering	7.3	7.0	7.5	7.4	7.1	7.2	7.7	7.3	8.4
Materials engineering	3.0	1.9	3.3	2.6	3.0	3.5	2.4	2.6	2.2
Mechanical engineering	4.6	5.0	4.4	4.8	4.1	4.4	3.5	3.7	3.8
Other	4.2	4.3	4.8	4.9	4.6	5.0	5.1	5.0	4.5
Non-S&E	7.9	8.0	8.3	8.6	8.8	8.8	9.0	9.1	9.1
Hispanic									
All fields	6.2	6.5	6.7	7.3	7.4	7.5	7.6	7.7	7.9
S&E	6.2	6.5	6.8	7.3	7.4	7.5	7.6	7.6	7.9
Sciences	6.1	6.4	6.8	7.3	7.4	7.5	7.7	7.7	7.9
Agricultural sciences	3.1	3.3	3.6	3.5	3.5	3.9	3.9	4.0	4.2
Biological sciences	5.8	6.0	6.5	7.0	7.5	7.2	7.8	7.3	7.3
Computer sciences	5.7	5.7	5.8	6.2	5.9	6.0	6.7	6.7	6.8
Earth, atmospheric, and ocean sciences	2.4	2.6	2.8	3.2	4.0	3.5	3.1	3.4	3.9
Atmospheric sciences	1.6	1.9	1.8	1.9	3.3	1.9	1.8	2.3	3.0
Earth sciences	2.4	2.7	2.7	3.2	4.0	3.4	3.2	3.6	3.9
Ocean sciences	3.9	2.5	5.7	6.7	6.8	7.7	4.5	3.8	7.6
Mathematics and statistics	4.4	4.6	5.2	5.3	5.7	5.7	5.5	5.2	5.8
Physical sciences	5.2	5.0	5.4	6.3	6.4	6.4	6.3	6.5	6.5
Astronomy	4.3	3.0	7.0	4.5	7.0	3.8	4.7	8.2	5.5
Chemistry	6.0	5.6	6.1	7.2	7.1	7.3	7.4	7.3	7.4
Physics	3.2	3.7	3.6	3.9	4.6	4.5	4.4	4.7	4.6
Other	3.9	3.0	3.7	5.0	5.5	5.0	2.7	5.4	6.8
Psychology	6.9	7.2	7.5	8.3	8.5	8.8	8.8	8.9	9.1
Social sciences	6.8	7.4	7.6	8.1	8.1	8.4	8.4	8.4	8.8
Anthropology	5.8	6.8	5.8	6.7	6.9	7.0	7.2	7.6	7.6
Area and ethnic studies	10.7	11.3	12.9	12.1	12.0	12.1	12.8	12.4	12.8
Economics	5.2	5.2	5.2	5.5	5.6	5.4	5.4	5.7	5.9
History of science	4.8	3.2	5.3	3.3	5.1	6.9	4.0	5.0	5.2
Linguistics	8.7	4.9	6.7	6.5	6.6	5.0	5.7	7.3	7.0
Political science and public administration	7.3	7.9	8.0	8.4	8.2	8.4	8.4	8.4	9.1
Sociology	7.1	7.8	8.5	9.1	9.1	9.8	9.9	10.0	10.2
Other	6.1	7.0	7.3	8.3	8.4	9.2	9.1	8.8	8.8



TABLE C-7. Racial/ethnic distribution of S&E bachelor's degrees awarded to U.S. citizens and permanent residents, by field: 1996–2005  
(Percent)

Field and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Engineering	6.4	7.2	7.3	7.4	7.3	7.3	7.3	7.4	7.5
Aerospace engineering	5.9	8.0	7.0	5.8	6.8	6.0	5.9	5.6	6.3
Chemical engineering	5.4	5.9	6.3	6.6	6.0	6.4	6.2	6.5	7.4
Civil engineering	6.4	7.6	8.4	8.3	8.7	8.9	8.8	9.2	9.4
Electrical engineering	7.2	7.7	7.4	8.1	7.9	8.2	7.6	8.1	8.0
Industrial engineering	9.6	12.8	12.8	11.3	10.6	10.5	10.3	9.7	10.3
Materials engineering	4.3	8.6	4.3	4.1	3.8	3.7	5.4	6.2	6.8
Mechanical engineering	6.2	6.5	6.9	6.9	7.1	6.5	7.1	6.8	6.7
Other	4.9	4.4	4.8	4.8	4.4	4.5	4.9	4.7	4.7
Non-S&E	6.2	6.5	6.7	7.3	7.4	7.5	7.6	7.7	7.9
American Indian/Alaskan Native									
All fields	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
S&E	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
Sciences	0.6	0.6	0.7	0.7	0.8	0.7	0.7	0.8	0.7
Agricultural sciences	0.9	0.9	0.9	1.1	1.2	0.9	0.9	1.1	1.0
Biological sciences	0.5	0.5	0.6	0.6	0.7	0.7	0.6	0.7	0.8
Computer sciences	0.4	0.4	0.4	0.5	0.7	0.5	0.5	0.8	0.5
Earth, atmospheric, and ocean sciences	0.5	0.7	0.6	1.1	0.9	0.7	0.6	0.8	0.6
Atmospheric sciences	0.2	0.2	0.0	0.8	1.1	0.2	0.7	0.2	0.1
Earth sciences	0.5	0.7	0.7	1.1	0.9	0.7	0.6	1.0	0.7
Ocean sciences	1.1	2.0	0.0	2.1	0.6	0.9	1.5	0.0	0.8
Mathematics and statistics	0.4	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5
Physical sciences	0.5	0.5	0.6	0.5	0.5	0.6	0.7	0.6	0.7
Astronomy	0.0	0.0	0.0	1.3	0.9	0.8	1.6	0.4	1.0
Chemistry	0.6	0.5	0.6	0.5	0.5	0.6	0.8	0.6	0.7
Physics	0.6	0.3	0.4	0.4	0.6	0.6	0.5	0.5	0.8
Other	0.4	0.5	0.4	0.3	0.8	0.5	0.3	1.1	0.4
Psychology	0.6	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7
Social sciences	0.7	0.7	0.7	0.8	0.8	0.7	0.8	0.8	0.8
Anthropology	1.2	1.3	1.2	1.3	1.4	1.2	1.5	1.4	1.3
Area and ethnic studies	1.2	1.2	1.4	1.5	2.0	2.1	2.3	2.4	2.1
Economics	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.5	0.4
History of science	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0
Linguistics	0.6	1.0	1.7	1.6	0.3	0.3	1.1	0.4	1.2
Political science and public administration	0.6	0.7	0.6	0.7	0.7	0.6	0.7	0.8	0.7
Sociology	0.8	0.8	0.8	0.9	0.9	0.7	0.9	0.9	0.9
Other	0.7	0.7	0.8	0.8	0.9	0.7	0.8	0.8	0.9
Engineering	0.4	0.5	0.5	0.6	0.5	0.5	0.5	0.6	0.6
Aerospace engineering	0.3	0.3	0.9	0.6	0.6	1.0	0.5	1.1	0.7
Chemical engineering	0.5	0.5	0.5	0.7	0.5	0.6	0.7	0.6	0.7
Civil engineering	0.5	0.6	0.6	0.9	0.8	0.8	0.7	0.7	0.8
Electrical engineering	0.4	0.3	0.4	0.5	0.3	0.4	0.5	0.5	0.4
Industrial engineering	0.2	0.5	0.4	0.7	0.5	0.6	0.3	0.4	0.8
Materials engineering	0.4	0.6	0.3	0.5	0.5	0.7	0.3	0.7	0.6
Mechanical engineering	0.4	0.3	0.4	0.4	0.4	0.5	0.4	0.5	0.5
Other	0.4	0.6	0.5	0.5	0.4	0.5	0.5	0.5	0.6
Non-S&E	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7

TABLE C-7. Racial/ethnic distribution of S&E bachelor's degrees awarded to U.S. citizens and permanent residents, by field: 1996–2005  
(Percent)

Field and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Other or unknown race/ethnicity									
All fields	2.4	2.5	2.7	3.5	4.0	4.6	5.1	5.6	5.7
S&E	2.5	2.6	2.8	3.6	4.1	4.5	5.1	5.6	5.7
Sciences	2.5	2.7	2.9	3.8	4.2	4.7	5.2	5.8	5.9
Agricultural sciences	2.7	2.3	2.4	3.4	3.6	4.0	4.2	4.3	4.3
Biological sciences	2.2	2.3	2.5	3.2	3.6	4.0	4.2	4.4	4.6
Computer sciences	2.4	3.7	3.9	4.5	5.2	5.8	6.8	9.2	9.1
Earth, atmospheric, and ocean sciences	2.5	2.4	3.1	3.0	3.8	4.2	4.5	5.3	4.7
Atmospheric sciences	1.4	1.4	0.7	1.7	5.1	4.4	4.7	2.8	3.9
Earth sciences	2.8	2.6	3.5	3.3	3.8	4.4	4.5	5.9	4.9
Ocean sciences	0.6	1.5	1.9	1.6	0.6	1.4	2.2	1.9	4.6
Mathematics and statistics	2.1	2.2	2.3	3.5	4.1	4.2	5.0	5.1	5.3
Physical sciences	2.2	2.4	2.7	3.2	3.7	4.4	4.7	4.9	5.2
Astronomy	6.4	6.8	3.2	3.8	4.4	6.5	4.3	6.0	10.3
Chemistry	1.7	1.9	2.4	2.8	3.3	3.7	3.9	4.3	4.1
Physics	3.5	3.5	3.3	4.7	5.0	5.7	6.7	6.1	7.2
Other	2.9	3.0	4.5	1.9	3.9	5.3	4.8	5.2	5.8
Psychology	2.3	2.5	2.6	3.5	3.9	4.5	4.7	4.8	5.0
Social sciences	2.9	2.9	3.2	4.2	4.6	4.9	5.6	6.1	6.4
Anthropology	4.6	3.8	4.3	5.8	6.3	7.0	7.5	8.2	8.1
Area and ethnic studies	2.9	3.4	3.0	5.2	5.5	5.8	6.7	7.2	7.3
Economics	3.4	2.9	3.2	4.2	4.7	4.8	5.5	5.7	6.2
History of science	0.0	0.0	0.0	12.1	15.3	9.9	6.0	7.9	6.9
Linguistics	7.7	6.7	4.8	8.7	6.0	7.2	9.4	11.2	11.7
Political science and public administration	2.5	2.6	2.9	4.0	4.5	4.8	5.6	6.2	6.6
Sociology	2.3	2.5	2.8	3.4	3.9	4.3	4.6	4.9	5.2
Other	3.4	3.7	3.6	4.4	4.8	4.9	5.6	6.3	6.5
Engineering	2.5	2.3	2.3	2.9	3.4	3.7	4.2	4.4	4.6
Aerospace engineering	2.8	2.4	1.3	3.1	3.7	3.8	4.3	5.4	3.6
Chemical engineering	2.1	1.9	1.7	2.1	2.8	2.8	4.0	3.4	3.4
Civil engineering	2.6	2.0	2.2	2.6	3.1	3.2	3.6	4.0	4.1
Electrical engineering	2.9	2.5	2.7	3.6	4.1	4.5	5.0	5.3	5.4
Industrial engineering	1.4	2.7	2.1	2.0	2.5	2.9	3.1	2.9	4.2
Materials engineering	2.6	2.2	1.8	3.9	3.0	4.0	5.7	5.6	5.7
Mechanical engineering	2.4	2.5	2.6	2.9	3.5	3.8	3.8	4.1	4.5
Other	2.2	2.3	2.3	3.0	3.3	3.4	4.0	3.8	4.5
Non-S&E	2.3	2.4	2.6	3.5	4.0	4.6	5.1	5.6	5.7

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE C-8. Bachelor's degrees awarded in engineering, by sex, race/ethnicity, and citizenship: 1990–2006

Year	All recipients	Sex		Race/ethnicity					Foreign National
		Female	Male	White	Asian	African	Hispanic	Native	
					American	American	American	American	
1990	65,967	10,130	55,837	50,099	5,989	2,173	2,473	112	5,121
1991	63,986	10,016	53,970	48,028	6,305	2,304	2,663	146	4,540
1992	63,653	9,972	53,681	47,540	6,479	2,374	2,708	163	4,389
1993	65,001	10,453	54,548	47,976	6,764	2,637	2,845	175	4,604
1994	64,946	10,800	54,146	47,136	6,881	2,769	3,045	207	4,908
1995	64,749	11,303	53,446	46,264	7,056	2,897	3,409	230	4,893
1996	65,267	11,737	53,530	45,952	7,333	3,120	3,557	263	5,042
1997	65,091	12,160	52,931	44,976	7,625	3,203	4,005	265	5,017
1998	63,262	11,796	51,466	43,719	7,131	3,144	3,938	247	5,083
1999	62,500	12,360	50,140	42,650	7,226	3,171	4,073	328	5,052
2000	63,635	13,140	50,495	43,437	7,529	3,150	4,124	347	5,048
2001	65,195	13,195	52,000	44,407	8,340	3,182	4,152	275	4,839
2002	68,648	14,102	54,546	47,149	8,669	3,358	4,298	315	4,859
2003	75,031	15,114	59,917	51,297	9,705	3,429	4,652	388	5,560
2004	76,003	15,282	60,721	51,420	9,941	3,699	4,813	362	5,768
2005	76,003	14,868	61,135	51,302	10,033	3,756	4,890	378	5,644
2006	76,103	14,654	61,449	51,944	9,719	3,673	4,957	456	5,354

NOTES: These data differ from data collected by the National Center for Education Statistics (NCES) due to differences in population covered and taxonomy. The primary difference is that these data include some degrees that are counted as computer science by NCES.

SOURCE: Engineering Workforce Commission, *Engineering and Technology Degrees, 2006* (Washington, DC, 2006).

TABLE C-9. Bachelor's degrees awarded by historically black colleges and universities to U.S.-citizen and permanent-resident blacks, by field: 1996–2005

Institution type and field	1996	1997	1998	2000	2001	2002	2003	2004	2005
	Number of recipients								
All institutions									
All fields	89,554	92,067	95,878	104,212	106,648	111,032	117,257	122,618	125,678
S&E	28,397	29,825	30,751	32,924	33,290	34,796	36,711	38,369	39,283
Sciences	25,397	26,748	27,732	29,861	30,406	31,814	33,637	35,157	36,098
Agricultural sciences	341	367	409	450	428	454	452	450	444
Biological sciences	3,812	4,124	4,553	4,739	4,693	4,634	4,878	5,038	5,051
Computer sciences	2,427	2,432	2,666	3,497	4,291	4,954	5,867	5,934	5,303
Earth, atmospheric, and ocean sciences	60	57	70	51	56	62	60	65	68
Mathematical sciences	942	1,016	966	905	808	843	790	784	855
Physical sciences	1,040	1,053	1,057	1,090	996	1,018	928	958	966
Psychology	6,028	6,647	6,852	7,572	7,562	7,747	8,011	8,479	9,130
Social sciences	10,747	11,052	11,159	11,557	11,572	12,102	12,651	13,449	14,281
Engineering	3,000	3,077	3,019	3,063	2,884	2,982	3,074	3,212	3,185
Non-S&E	61,157	62,242	65,127	71,288	73,358	76,236	80,546	84,249	86,395
Historically black colleges and universities									
All fields	25,425	25,215	25,546	25,558	25,142	25,166	26,075	26,518	26,443
S&E	8,695	8,814	8,830	8,530	8,682	8,607	8,720	8,909	8,754
Sciences	7,801	7,909	7,987	7,836	8,013	7,940	8,070	8,259	8,045
Agricultural sciences	178	202	210	213	198	229	218	189	183
Biological sciences	1,628	1,841	1,920	1,884	1,943	1,823	1,741	1,806	1,749
Computer sciences	979	834	904	987	1,220	1,274	1,487	1,563	1,409
Earth, atmospheric, and ocean sciences	12	6	23	5	7	4	7	8	
Mathematical sciences	443	478	444	427	345	339	302	290	277
Physical sciences	535	497	462	491	464	427	374	378	360
Psychology	1,512	1,653	1,636	1,682	1,677	1,685	1,753	1,816	1,848
Social sciences	2,514	2,398	2,388	2,147	2,159	2,159	2,188	2,209	2,219
Engineering	894	905	843	694	669	667	650	650	709
Non-S&E	16,730	16,401	16,716	17,028	16,460	16,559	17,355	17,609	17,689
	Percent from historically black colleges and universities								
All fields	28.4	27.4	26.6	24.5	23.6	22.7	22.2	21.6	21.0
S&E	30.6	29.6	28.7	25.9	26.1	24.7	23.8	23.2	22.3
Sciences	30.7	29.6	28.8	26.2	26.4	25.0	24.0	23.5	22.3
Agricultural sciences	52.2	55.0	51.3	47.3	46.3	50.4	48.2	42.0	41.2
Biological sciences	42.7	44.6	42.2	39.8	41.4	39.3	35.7	35.8	34.6
Computer sciences	40.3	34.3	33.9	28.2	28.4	25.7	25.3	26.3	26.6
Earth, atmospheric, and ocean sciences	20.0	10.5	32.9	9.8	12.5	6.5	11.7	12.3	0.0
Mathematical sciences	47.0	47.0	46.0	47.2	42.7	40.2	38.2	37.0	32.4
Physical sciences	51.4	47.2	43.7	45.0	46.6	41.9	40.3	39.5	37.3
Psychology	25.1	24.9	23.9	22.2	22.2	21.8	21.9	21.4	20.2
Social sciences	23.4	21.7	21.4	18.6	18.7	17.8	17.3	16.4	15.5
Engineering	29.8	29.4	27.9	22.7	23.2	22.4	21.1	20.2	22.3
Non-S&E	27.4	26.4	25.7	23.9	22.4	21.7	21.5	20.9	20.5

NOTE: Data not available for 1999.

SOURCE: NSF, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE C-10. Bachelor's degrees awarded to U.S.-citizen and permanent-resident Hispanics, by institution type and field: 1994–2001

Institution type and field	1994	1995	1996	1997	1998	2000	2001
	Number of recipients						
All institutions							
All fields	62,683	66,691	71,015	74,938	78,125	88,324	89,972
S&E	20,529	21,359	22,886	24,445	25,712	27,984	28,321
Sciences	17,386	17,708	19,155	20,320	21,587	23,909	24,305
Agricultural sciences	336	383	504	559	631	634	607
Biological sciences	2,901	3,101	3,531	3,795	4,283	4,446	4,547
Computer sciences	1,135	1,314	1,284	1,327	1,473	2,155	2,354
Mathematical sciences	543	522	556	560	604	599	625
Physical sciences	733	800	872	853	914	1,010	1,027
Psychology	3,990	4,543	5,036	5,282	5,509	6,127	6,178
Social sciences	7,748	7,045	7,372	7,944	8,173	8,938	8,967
Engineering	3,143	3,651	3,731	4,125	4,125	4,075	4,016
Non-S&E	42,154	45,332	48,129	50,493	52,413	60,340	61,651
Hispanic-serving institutions							
All fields	25,568	26,924	28,439	29,407	29,555	33,847	34,062
S&E	6,758	7,309	7,793	8,399	8,624	9,383	9,494
Sciences	5,585	5,744	6,291	6,695	7,035	7,822	7,897
Agricultural sciences	97	119	155	188	190	202	214
Biological sciences	1,296	1,298	1,512	1,607	1,826	1,986	2,027
Computer sciences	473	512	518	485	544	696	726
Mathematical sciences	168	182	199	216	202	218	202
Physical sciences	324	398	423	401	428	518	472
Psychology	1,363	1,485	1,633	1,707	1,774	2,006	2,047
Social sciences	1,864	1,750	1,851	2,091	2,071	2,196	2,209
Engineering	1,173	1,565	1,502	1,704	1,589	1,561	1,597
Non-S&E	18,810	19,615	20,646	21,008	20,931	24,464	24,568
	Percent						
Hispanic-serving institutions							
All fields	40.8	40.4	40.0	39.2	37.8	38.3	37.9
S&E	32.9	34.2	34.1	34.4	33.5	33.5	33.5
Sciences	32.1	32.4	32.8	32.9	32.6	32.7	32.5
Agricultural sciences	28.9	31.1	30.8	33.6	30.1	31.9	35.3
Biological sciences	44.7	41.9	42.8	42.3	42.6	44.7	44.6
Computer sciences	41.7	39.0	40.3	36.5	36.9	32.3	30.8
Mathematical sciences	30.9	34.9	35.8	38.6	33.4	36.4	32.3
Physical sciences	44.2	49.8	48.5	47.0	46.8	51.3	46.0
Psychology	34.2	32.7	32.4	32.3	32.2	32.7	33.1
Social sciences	24.1	24.8	25.1	26.3	25.3	24.6	24.6
Engineering	37.3	42.9	40.3	41.3	38.5	38.3	39.8
Non-S&E	44.6	43.3	42.9	41.6	39.9	40.5	39.9

NOTES: Physical sciences include earth, atmospheric, and ocean sciences; physics; astronomy; and chemistry. Data on race/ethnicity were collected on broad fields of study only until 1994; therefore, 1994 data could not be adjusted to the exact field taxonomies used by the National Science Foundation (NSF). The primary difference between 1994 and later years is that history was included in social sciences in 1994 but is included in non-S&E from 1995 on. Data are not available for 1999.

SOURCE: NSF, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1994–2001.

TABLE C-11. Bachelor's degrees awarded by tribal colleges and universities to U.S.-citizen and permanent-resident American Indians/Alaskan Natives, by field: 1996–2005

Institution type and field	1996	1997	1998	2000	2001	2002	2003	2004	2005
	Number of recipients								
All institutions									
All fields	6,813	7,238	7,706	8,431	8,664	8,668	9,242	9,914	9,556
S&E	2,149	2,298	2,392	2,611	2,796	2,642	2,892	3,231	3,167
Sciences	1,906	2,035	2,138	2,283	2,540	2,334	2,572	2,898	2,818
Agricultural sciences	139	146	151	190	215	158	163	187	160
Biological sciences	317	341	399	379	431	410	380	417	496
Computer sciences	89	99	112	172	271	229	263	416	249
Earth, atmospheric, and ocean sciences	23	31	25	43	35	26	24	31	25
Mathematical sciences	53	57	65	69	51	57	65	59	76
Physical sciences	81	69	81	65	73	83	94	76	103
Psychology	470	496	515	518	561	542	544	596	552
Social sciences	734	796	790	847	903	829	1,039	1,116	1,157
Engineering	243	263	254	328	256	308	320	333	349
Non-S&E	4,664	4,940	5,314	5,820	5,868	6,026	6,350	6,683	6,389
Tribal colleges and universities									
All fields	57	67	48	98	112	122	133	148	137
S&E	14	24	15	28	44	29	43	66	43
Sciences	14	24	15	28	44	29	43	66	43
Agricultural sciences	2	7	3	5	8	10	14	22	10
Biological sciences	0	0	0	0	0	0	0	0	0
Computer sciences	0	0	0	0	2	0	0	1	5
Earth, atmospheric, and ocean sciences	0	0	0	0	0	0	0	0	0
Mathematical sciences	0	0	0	0	0	0	0	0	0
Physical sciences	0	0	0	0	0	0	0	0	0
Psychology	0	0	0	0	0	0	0	0	0
Social sciences	12	17	12	23	34	19	29	43	28
Engineering	0	0	0	0	0	0	0	0	0
Non-S&E	43	43	33	70	68	93	90	82	94
	Percent from tribal colleges and universities								
All fields	0.8	0.9	0.6	1.2	1.3	1.4	1.4	1.5	1.4
S&E	0.7	1.0	0.6	1.1	1.6	1.1	1.5	2.0	1.4
Sciences	0.7	1.2	0.7	1.2	1.7	1.2	1.7	2.3	1.5
Agricultural sciences	1.4	4.8	2.0	2.6	3.7	6.3	8.6	11.8	6.3
Biological sciences	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Computer sciences	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.2	2.0
Earth, atmospheric, and ocean sciences	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mathematical sciences	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physical sciences	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Psychology	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social sciences	1.6	2.1	1.5	2.7	3.8	2.3	2.8	3.9	2.4
Engineering	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-S&E	0.9	0.9	0.6	1.2	1.2	1.5	1.4	1.2	1.5

NOTE: Data not available for 1999.

SOURCE: NSF, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE C-12. Bachelor's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
All fields	651,815	661,307	673,865	716,963	721,625	751,773	783,866	810,817	828,938
S&E	181,333	187,011	190,397	200,953	202,583	211,203	222,389	229,939	235,197
Sciences	170,017	175,541	179,058	188,737	190,669	198,516	209,419	216,682	222,000
Agricultural sciences	6,504	7,267	7,743	8,464	8,491	8,634	8,959	8,714	8,731
Biological sciences	32,865	35,266	37,101	37,958	37,084	37,695	39,533	40,440	42,283
Computer sciences	6,772	6,903	7,439	10,474	11,900	13,504	15,190	14,406	11,235
Earth, atmospheric, and ocean sciences	1,485	1,542	1,599	1,617	1,622	1,702	1,651	1,647	1,660
Atmospheric sciences	86	83	104	114	132	151	176	203	241
Earth sciences	1,334	1,385	1,403	1,409	1,400	1,446	1,406	1,358	1,351
Ocean sciences	65	74	92	94	90	105	69	86	68
Mathematics and statistics	5,992	5,889	5,659	5,604	5,497	5,762	5,879	6,318	6,625
Physical sciences	5,702	5,882	5,994	5,990	5,911	5,982	5,884	6,002	6,420
Astronomy	55	46	58	54	95	116	110	123	143
Chemistry	4,622	4,883	4,973	4,907	4,775	4,729	4,682	4,755	5,146
Physics	684	652	666	724	756	826	840	908	903
Other	341	301	297	305	285	311	252	216	228
Psychology	53,863	55,243	55,400	57,114	57,467	59,926	61,499	64,208	66,833
Social sciences	56,834	57,549	58,123	61,516	62,697	65,311	70,824	74,947	78,213
Anthropology	4,058	4,313	4,480	4,742	4,706	4,926	5,229	5,280	5,379
Area and ethnic studies	3,217	3,256	3,441	3,572	3,657	3,808	3,690	4,080	4,266
Economics	5,372	5,448	5,791	6,384	6,924	7,389	8,096	8,281	8,141
History of science	9	17	18	52	56	63	54	73	64
Linguistics	438	393	483	498	512	612	626	717	729
Political science and public administration	18,350	17,854	17,320	18,347	18,637	19,743	22,466	24,288	26,325
Sociology	16,375	16,904	17,122	18,028	17,923	18,011	18,638	19,310	20,138
Other	9,015	9,364	9,468	9,893	10,282	10,759	12,025	12,918	13,171
Engineering	11,316	11,470	11,339	12,216	11,914	12,687	12,970	13,257	13,197
Aerospace engineering	247	202	197	238	304	312	384	413	404
Chemical engineering	2,171	2,276	2,196	2,203	2,055	2,123	2,013	1,833	1,776
Civil engineering	2,424	2,569	2,576	2,333	2,041	2,224	2,249	2,279	2,349
Electrical engineering	1,972	2,018	2,012	2,350	2,542	2,720	2,909	3,032	2,833
Industrial engineering	1,097	1,079	1,020	1,307	1,224	1,341	1,312	1,265	1,269
Materials engineering	223	259	235	268	263	285	276	270	282
Mechanical engineering	1,736	1,635	1,636	1,784	1,739	1,783	1,861	1,952	1,953
Other	1,446	1,432	1,467	1,733	1,746	1,899	1,966	2,213	2,331
Non-S&E	470,482	474,296	483,468	516,010	519,042	540,570	561,477	580,878	593,741
U.S. citizen/permanent resident									
All fields	635,459	644,156	656,430	698,782	702,996	731,965	763,300	789,508	807,293
S&E	176,284	181,754	185,125	194,917	196,328	204,525	215,161	222,363	227,719
Sciences	165,588	170,960	174,414	183,507	185,191	192,590	202,968	210,015	215,481
Agricultural sciences	6,393	7,176	7,619	8,339	8,362	8,485	8,807	8,567	8,574
Biological sciences	32,111	34,473	36,358	37,129	36,227	36,776	38,598	39,429	41,039
Computer sciences	6,164	6,330	6,815	9,569	10,844	12,272	13,720	12,990	10,286
Earth, atmospheric, and ocean sciences	1,467	1,513	1,565	1,600	1,609	1,676	1,624	1,622	1,624
Atmospheric sciences	86	82	102	113	131	149	174	202	237
Earth sciences	1,317	1,360	1,372	1,393	1,388	1,425	1,382	1,335	1,323
Ocean sciences	64	71	91	94	90	102	68	85	64
Mathematics and statistics	5,820	5,676	5,492	5,429	5,337	5,586	5,652	6,021	6,317
Physical sciences	5,471	5,671	5,782	5,782	5,676	5,752	5,663	5,754	6,130
Astronomy	54	45	55	51	89	109	102	117	132

TABLE C-12. Bachelor's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Chemistry	4,423	4,709	4,799	4,748	4,595	4,558	4,516	4,571	4,932
Physics	659	619	637	684	710	780	796	857	847
Other	335	298	291	299	282	305	249	209	219
Psychology	53,122	54,449	54,526	56,124	56,454	58,867	60,385	63,041	65,647
Social sciences	55,040	55,672	56,257	59,535	60,682	63,176	68,519	72,591	75,864
Anthropology	3,971	4,202	4,411	4,664	4,624	4,849	5,160	5,205	5,298
Area and ethnic studies	3,120	3,131	3,318	3,450	3,535	3,699	3,582	3,966	4,162
Economics	4,752	4,798	5,133	5,727	6,195	6,568	7,225	7,387	7,238
History of science	9	17	17	52	54	62	52	73	64
Linguistics	371	323	405	431	452	543	564	657	669
Political science and public administration	17,780	17,308	16,727	17,672	17,991	19,079	21,739	23,516	25,589
Sociology	16,158	16,702	16,915	17,817	17,728	17,804	18,384	19,084	19,906
Other	8,879	9,191	9,331	9,722	10,103	10,572	11,813	12,703	12,938
Engineering	10,696	10,794	10,711	11,410	11,137	11,935	12,193	12,348	12,238
Aerospace engineering	232	190	184	224	280	291	362	387	382
Chemical engineering	2,027	2,119	2,075	2,061	1,941	1,994	1,890	1,713	1,643
Civil engineering	2,354	2,477	2,497	2,236	1,951	2,143	2,179	2,190	2,263
Electrical engineering	1,766	1,803	1,819	2,067	2,271	2,433	2,604	2,679	2,461
Industrial engineering	1,016	1,000	926	1,192	1,109	1,235	1,213	1,165	1,151
Materials engineering	217	253	227	260	247	279	270	254	272
Mechanical engineering	1,701	1,574	1,582	1,707	1,675	1,731	1,793	1,883	1,886
Other	1,383	1,378	1,401	1,663	1,663	1,829	1,882	2,077	2,180
Non-S&E	459,175	462,402	471,305	503,865	506,668	527,440	548,139	567,145	579,574
White									
All fields	484,996	485,218	489,011	506,958	504,580	518,797	535,094	546,765	555,024
S&E	128,224	129,706	130,189	133,128	132,664	136,725	142,624	145,345	147,288
Sciences	121,088	122,651	123,267	125,846	125,607	129,289	134,977	137,775	139,948
Agricultural sciences	5,600	6,236	6,554	7,101	7,121	7,179	7,422	7,166	7,131
Biological sciences	22,652	23,970	24,977	25,228	24,286	24,716	25,632	25,893	26,483
Computer sciences	3,568	3,599	3,795	4,971	5,448	5,967	6,362	5,719	4,614
Earth, atmospheric, and ocean sciences	1,332	1,335	1,364	1,404	1,383	1,462	1,446	1,367	1,367
Atmospheric sciences	75	74	92	102	115	133	160	176	209
Earth sciences	1,197	1,200	1,191	1,224	1,188	1,251	1,223	1,119	1,106
Ocean sciences	60	61	81	78	80	78	63	72	52
Mathematics and statistics	4,584	4,387	4,164	4,049	3,928	4,068	4,121	4,392	4,581
Physical sciences	3,790	3,890	3,912	3,814	3,819	3,815	3,865	3,813	4,036
Astronomy	40	37	45	43	66	85	82	89	89
Chemistry	3,000	3,131	3,146	3,024	2,984	2,934	2,967	2,925	3,169
Physics	499	471	493	500	549	567	611	635	623
Other	251	251	228	247	220	229	205	164	155
Psychology	40,735	40,826	40,307	40,003	39,977	41,393	42,469	43,819	44,938
Social sciences	38,827	38,408	38,194	39,276	39,645	40,689	43,660	45,606	46,798
Anthropology	3,184	3,303	3,476	3,594	3,561	3,671	3,835	3,759	3,835
Area and ethnic studies	1,813	1,832	1,834	1,807	1,907	1,956	1,837	2,010	2,039
Economics	3,027	3,070	3,220	3,491	3,675	3,810	4,039	4,042	4,005
History of science	7	13	16	33	30	35	36	52	46
Linguistics	256	224	272	299	324	400	402	433	433
Political science and public administration	12,530	11,929	11,297	11,719	11,868	12,520	14,155	15,047	15,918
Sociology	11,339	11,350	11,328	11,607	11,315	11,172	11,462	11,888	12,025
Other	6,671	6,687	6,751	6,726	6,965	7,125	7,894	8,375	8,497
Engineering	7,136	7,055	6,922	7,282	7,057	7,436	7,647	7,570	7,340
Aerospace engineering	183	140	152	175	216	232	287	282	294



TABLE C-12. Bachelor's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Chemical engineering	1,355	1,397	1,303	1,271	1,229	1,273	1,238	1,130	1,064
Civil engineering	1,714	1,810	1,802	1,620	1,402	1,527	1,540	1,552	1,524
Electrical engineering	869	878	880	981	1,006	1,011	1,092	1,046	948
Industrial engineering	634	601	568	731	693	727	749	706	651
Materials engineering	153	169	157	187	187	194	191	180	191
Mechanical engineering	1,223	1,081	1,084	1,186	1,161	1,218	1,293	1,301	1,253
Other	1,005	979	976	1,131	1,163	1,254	1,257	1,373	1,415
Non-S&E	356,772	355,512	358,822	373,830	371,916	382,072	392,470	401,420	407,736
Asian/Pacific Islander									
All fields	33,163	35,626	37,400	40,697	41,291	43,410	45,273	47,635	50,134
S&E	13,743	14,942	15,828	16,981	17,423	18,104	18,954	20,012	20,961
Sciences	12,307	13,468	14,261	15,317	15,739	16,250	17,099	17,995	18,908
Agricultural sciences	171	229	251	274	256	250	282	266	295
Biological sciences	4,087	4,533	4,688	4,460	4,280	4,325	4,491	4,849	5,503
Computer sciences	751	849	892	1,741	2,046	2,352	2,542	2,275	1,588
Earth, atmospheric, and ocean sciences	26	49	47	45	43	48	29	41	44
Atmospheric sciences	3	4	1	4	6	4	4	5	7
Earth sciences	22	42	43	37	36	36	23	31	36
Ocean sciences	1	3	3	4	1	8	2	5	1
Mathematics and statistics	390	380	390	444	434	485	551	573	627
Physical sciences	625	690	726	679	657	595	554	601	693
Astronomy	7	4	3	4	10	12	5	10	9
Chemistry	545	621	673	609	590	514	487	526	614
Physics	55	59	38	56	46	54	54	53	53
Other	18	6	12	10	11	15	8	12	17
Psychology	2,541	2,862	3,044	3,150	3,106	3,124	2,988	3,296	3,605
Social sciences	3,716	3,876	4,223	4,524	4,917	5,071	5,662	6,094	6,553
Anthropology	214	244	289	237	239	253	288	290	320
Area and ethnic studies	405	378	449	487	490	473	421	498	573
Economics	795	876	1,010	1,174	1,355	1,427	1,697	1,746	1,664
History of science	1	2	1	5	10	14	8	6	5
Linguistics	47	49	70	50	53	57	65	77	85
Political science and public administration	1,121	1,117	1,169	1,220	1,338	1,407	1,595	1,678	1,881
Sociology	778	837	824	904	925	925	963	1,103	1,268
Other	355	373	411	447	507	515	625	696	757
Engineering	1,436	1,474	1,567	1,664	1,684	1,854	1,855	2,017	2,053
Aerospace engineering	21	16	10	16	22	24	21	43	35
Chemical engineering	271	326	344	352	298	313	261	233	224
Civil engineering	270	254	273	189	149	171	181	183	229
Electrical engineering	408	401	459	530	641	739	751	805	769
Industrial engineering	104	109	96	124	118	144	156	153	131
Materials engineering	31	29	38	41	31	34	30	28	38
Mechanical engineering	161	165	162	172	168	149	157	209	226
Other	170	174	185	240	257	280	298	363	401
Non-S&E	19,420	20,684	21,572	23,716	23,868	25,306	26,319	27,623	29,173
Black									
All fields	57,331	59,341	62,225	68,564	70,270	73,826	78,266	81,926	83,760
S&E	17,167	18,330	19,053	20,948	21,327	22,375	23,456	24,630	25,288
Sciences	16,131	17,273	18,011	19,858	20,301	21,284	22,400	23,534	24,214
Agricultural sciences	171	196	230	267	261	275	256	282	267
Biological sciences	2,576	2,820	3,105	3,359	3,367	3,358	3,586	3,721	3,756

TABLE C-12. Bachelor's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Computer sciences	1,204	1,179	1,294	1,670	1,989	2,324	2,750	2,667	2,220
Earth, atmospheric, and ocean sciences	29	20	37	24	24	32	27	40	38
Atmospheric sciences	5	1	3	4	0	5	5	10	3
Earth sciences	23	15	32	19	23	20	21	29	33
Ocean sciences	1	4	2	1	1	7	1	1	2
Mathematics and statistics	493	533	504	471	451	470	416	447	439
Physical sciences	589	624	569	645	580	611	551	592	586
Astronomy	1	0	1	0	0	1	1	2	3
Chemistry	485	559	484	561	513	519	489	510	508
Physics	65	47	65	63	43	69	41	62	57
Other	38	18	19	21	24	22	20	18	18
Psychology	4,610	5,056	5,308	5,926	6,005	6,210	6,448	6,906	7,498
Social sciences	6,459	6,845	6,964	7,496	7,624	8,004	8,366	8,879	9,410
Anthropology	131	154	167	198	172	199	198	257	243
Area and ethnic studies	414	421	463	493	479	510	512	546	598
Economics	418	394	423	452	527	593	618	655	607
History of science	0	1	0	3	4	3	3	5	4
Linguistics	11	6	17	12	20	20	9	30	26
Political science and public administration	2,197	2,224	2,193	2,273	2,255	2,411	2,605	2,903	3,205
Sociology	2,383	2,647	2,719	2,916	3,033	3,018	3,072	3,045	3,292
Other	905	998	982	1,149	1,134	1,250	1,349	1,438	1,435
Engineering	1,036	1,057	1,042	1,090	1,026	1,091	1,056	1,096	1,074
Aerospace engineering	6	6	2	6	8	9	17	12	10
Chemical engineering	210	208	220	214	194	190	168	154	152
Civil engineering	143	128	147	147	114	126	111	133	141
Electrical engineering	257	290	265	296	323	322	355	374	352
Industrial engineering	128	123	106	126	117	141	128	123	141
Materials engineering	11	7	18	14	11	20	9	14	11
Mechanical engineering	181	183	150	151	134	154	123	138	126
Other	100	112	134	136	125	129	145	148	141
Non-S&E	40,164	41,011	43,172	47,616	48,943	51,451	54,810	57,296	58,472
Hispanic									
All fields	41,680	44,388	46,409	53,667	54,667	58,357	61,840	64,818	68,134
S&E	11,887	12,945	13,744	15,460	15,580	16,750	18,110	18,784	19,922
Sciences	11,053	12,016	12,798	14,472	14,618	15,695	17,050	17,676	18,767
Agricultural sciences	222	264	313	319	310	357	386	379	416
Biological sciences	1,969	2,196	2,460	2,710	2,791	2,748	3,117	3,015	3,150
Computer sciences	457	437	512	695	726	836	1,103	1,009	851
Earth, atmospheric, and ocean sciences	39	54	56	53	83	52	51	62	79
Atmospheric sciences	2	2	6	1	5	1	2	4	7
Earth sciences	36	50	47	45	71	44	48	54	67
Ocean sciences	1	2	3	7	7	7	1	4	5
Mathematics and statistics	224	234	286	273	295	332	297	308	347
Physical sciences	345	331	384	452	414	437	412	450	485
Astronomy	3	3	2	2	7	2	7	6	8
Chemistry	311	300	352	404	357	383	365	391	417
Physics	17	22	22	31	33	32	34	46	43
Other	14	6	8	15	17	20	6	7	17
Psychology	3,710	3,997	4,127	4,699	4,782	5,130	5,321	5,660	5,954
Social sciences	4,087	4,503	4,660	5,271	5,217	5,803	6,363	6,793	7,485
Anthropology	231	285	249	309	301	342	372	394	411

TABLE C-12. Bachelor's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Area and ethnic studies	355	356	428	430	415	462	485	524	561
Economics	311	294	286	332	328	393	451	464	466
History of science	1	1	0	3	2	4	3	5	4
Linguistics	32	17	26	27	29	30	34	46	50
Political science and public administration	1,396	1,516	1,480	1,630	1,602	1,718	1,988	2,192	2,608
Sociology	1,167	1,316	1,443	1,639	1,632	1,789	1,872	1,948	2,106
Other	594	718	748	901	908	1,065	1,158	1,220	1,279
Engineering	834	929	946	988	962	1,055	1,060	1,108	1,155
Aerospace engineering	17	23	17	15	24	16	22	23	26
Chemical engineering	139	153	172	166	157	153	139	138	147
Civil engineering	159	213	212	198	198	217	229	233	252
Electrical engineering	184	179	166	198	206	247	244	293	240
Industrial engineering	140	142	143	185	157	183	144	150	181
Materials engineering	14	43	11	8	11	14	23	18	15
Mechanical engineering	106	105	152	131	139	138	156	144	180
Other	75	71	73	87	70	87	103	109	114
Non-S&E	29,793	31,443	32,665	38,207	39,087	41,607	43,730	46,034	48,212
American Indian/Alaskan Native									
All fields	4,002	4,323	4,627	5,074	5,141	5,253	5,636	5,957	5,728
S&E	1,127	1,255	1,270	1,445	1,478	1,465	1,634	1,760	1,746
Sciences	1,079	1,188	1,223	1,356	1,414	1,391	1,560	1,670	1,666
Agricultural sciences	58	70	68	90	97	69	91	89	82
Biological sciences	174	184	208	223	237	247	240	263	308
Computer sciences	39	28	36	59	78	85	82	93	78
Earth, atmospheric, and ocean sciences	7	16	13	21	16	9	8	20	14
Atmospheric sciences	1	0	0	1	0	0	2	0	0
Earth sciences	6	16	13	17	16	9	6	20	13
Ocean sciences	0	0	0	3	0	0	0	0	1
Mathematics and statistics	23	28	27	38	23	28	35	22	28
Physical sciences	23	27	28	32	33	40	48	29	42
Astronomy	0	0	0	1	2	1	3	0	2
Chemistry	20	21	24	26	23	32	40	25	32
Physics	2	3	2	4	6	7	5	3	7
Other	1	3	2	1	2	0	0	1	1
Psychology	338	372	368	390	405	417	424	469	421
Social sciences	417	463	475	503	525	496	632	685	693
Anthropology	47	57	53	57	61	61	74	69	70
Area and ethnic studies	42	36	45	52	60	78	85	88	84
Economics	24	23	23	22	24	21	36	41	31
History of science	0	0	0	0	0	0	0	0	0
Linguistics	2	3	5	9	1	2	4	2	8
Political science and public administration	116	135	124	123	121	121	155	201	166
Sociology	131	139	133	153	159	137	180	168	191
Other	55	70	92	87	99	76	98	116	143
Engineering	48	67	47	89	64	74	74	90	80
Aerospace engineering	0	1	1	1	1	2	1	7	4
Chemical engineering	14	8	6	12	9	12	9	11	14
Civil engineering	15	24	14	26	26	18	23	17	19
Electrical engineering	4	7	5	13	8	10	21	20	11
Industrial engineering	1	8	2	8	4	5	4	9	9
Materials engineering	0	1	2	1	1	2	0	2	1
Mechanical engineering	6	9	7	12	12	17	7	12	14
Other	8	9	10	16	3	8	9	12	8

TABLE C-12. Bachelor's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Non-S&E	2,875	3,068	3,357	3,629	3,663	3,788	4,002	4,197	3,982
Other or unknown race/ethnicity									
All fields	14,287	15,260	16,758	23,822	27,047	32,322	37,191	42,407	44,513
S&E	4,136	4,576	5,041	6,955	7,856	9,106	10,383	11,832	12,514
Sciences	3,930	4,364	4,854	6,658	7,512	8,681	9,882	11,365	11,978
Agricultural sciences	171	181	203	288	317	355	370	385	383
Biological sciences	653	770	920	1,149	1,266	1,382	1,532	1,688	1,839
Computer sciences	145	238	286	433	557	708	881	1,227	935
Earth, atmospheric, and ocean sciences	34	39	48	53	60	73	63	92	82
Atmospheric sciences	0	1	0	1	5	6	1	7	11
Earth sciences	33	37	46	51	54	65	61	82	68
Ocean sciences	1	1	2	1	1	2	1	3	3
Mathematics and statistics	106	114	121	154	206	203	232	279	295
Physical sciences	99	109	163	160	173	254	233	269	288
Astronomy	3	1	4	1	4	8	4	10	21
Chemistry	62	77	120	124	128	176	168	194	192
Physics	21	17	17	30	33	51	51	58	64
Other	13	14	22	5	8	19	10	7	11
Psychology	1,188	1,336	1,372	1,956	2,179	2,593	2,735	2,891	3,231
Social sciences	1,534	1,577	1,741	2,465	2,754	3,113	3,836	4,534	4,925
Anthropology	164	159	177	269	290	323	393	436	419
Area and ethnic studies	91	108	99	181	184	220	242	300	307
Economics	177	141	171	256	286	324	384	439	465
History of science	0	0	0	8	8	6	2	5	5
Linguistics	23	24	15	34	25	34	50	69	67
Political science and public administration	420	387	464	707	807	902	1,241	1,495	1,811
Sociology	360	413	468	598	664	763	835	932	1,024
Other	299	345	347	412	490	541	689	858	827
Engineering	206	212	187	297	344	425	501	467	536
Aerospace engineering	5	4	2	11	9	8	14	20	13
Chemical engineering	38	27	30	46	54	53	75	47	42
Civil engineering	53	48	49	56	62	84	95	72	98
Electrical engineering	44	48	44	49	87	104	141	141	141
Industrial engineering	9	17	11	18	20	35	32	24	38
Materials engineering	8	4	1	9	6	15	17	12	16
Mechanical engineering	24	31	27	55	61	55	57	79	87
Other	25	33	23	53	45	71	70	72	101
Non-S&E	10,151	10,684	11,717	16,867	19,191	23,216	26,808	30,575	31,999
Temporary resident									
All fields	16,356	17,151	17,435	18,181	18,629	19,808	20,566	21,309	21,645
S&E	5,049	5,257	5,272	6,036	6,255	6,678	7,228	7,576	7,478
Sciences	4,429	4,581	4,644	5,230	5,478	5,926	6,451	6,667	6,519
Agricultural sciences	111	91	124	125	129	149	152	147	157
Biological sciences	754	793	743	829	857	919	935	1,011	1,244
Computer sciences	608	573	624	905	1,056	1,232	1,470	1,416	949
Earth, atmospheric, and ocean sciences	18	29	34	17	13	26	27	25	36
Atmospheric sciences	0	1	2	1	1	2	2	1	4
Earth sciences	17	25	31	16	12	21	24	23	28
Ocean sciences	1	3	1	0	0	3	1	1	4
Mathematics and statistics	172	213	167	175	160	176	227	297	308

TABLE C-12. Bachelor's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Physical sciences	231	211	212	208	235	230	221	248	290
Astronomy	1	1	3	3	6	7	8	6	11
Chemistry	199	174	174	159	180	171	166	184	214
Physics	25	33	29	40	46	46	44	51	56
Other	6	3	6	6	3	6	3	7	9
Psychology	741	794	874	990	1,013	1,059	1,114	1,167	1,186
Social sciences	1,794	1,877	1,866	1,981	2,015	2,135	2,305	2,356	2,349
Anthropology	87	111	69	78	82	77	69	75	81
Area and ethnic studies	97	125	123	122	122	109	108	114	104
Economics	620	650	658	657	729	821	871	894	903
History of science	0	0	1	0	2	1	2	0	0
Linguistics	67	70	78	67	60	69	62	60	60
Political science and public administration	570	546	593	675	646	664	727	772	736
Sociology	217	202	207	211	195	207	254	226	232
Other	136	173	137	171	179	187	212	215	233
Engineering	620	676	628	806	777	752	777	909	959
Aerospace engineering	15	12	13	14	24	21	22	26	22
Chemical engineering	144	157	121	142	114	129	123	120	133
Civil engineering	70	92	79	97	90	81	70	89	86
Electrical engineering	206	215	193	283	271	287	305	353	372
Industrial engineering	81	79	94	115	115	106	99	100	118
Materials engineering	6	6	8	8	16	6	6	16	10
Mechanical engineering	35	61	54	77	64	52	68	69	67
Other	63	54	66	70	83	70	84	136	151
Non-S&E	11,307	11,894	12,163	12,145	12,374	13,130	13,338	13,733	14,167

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE C-13. Bachelor's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
All fields	528,000	525,282	525,714	536,158	536,023	553,957	575,977	596,192	608,262
S&E	203,341	201,471	200,221	197,669	197,623	204,408	218,698	225,909	230,806
Sciences	151,543	150,589	150,646	150,349	150,279	156,456	167,895	174,491	177,870
Agricultural sciences	9,884	10,094	10,224	9,780	8,976	8,726	8,734	8,327	8,380
Biological sciences	29,216	29,873	30,011	26,946	25,005	24,073	24,049	24,322	25,699
Computer sciences	17,773	18,490	20,235	26,914	31,284	35,631	41,139	42,999	39,329
Earth, atmospheric, and ocean sciences	2,972	2,924	2,722	2,430	2,346	2,282	2,298	2,256	2,299
Atmospheric sciences	348	348	339	376	324	374	386	369	436
Earth sciences	2,504	2,445	2,262	1,950	1,934	1,788	1,846	1,812	1,795
Ocean sciences	120	131	121	104	88	120	66	75	68
Mathematics and statistics	7,084	6,834	6,435	6,131	5,958	6,511	7,003	7,437	8,215
Physical sciences	9,694	9,382	9,279	8,590	8,252	8,034	8,238	8,238	8,610
Astronomy	93	94	110	106	145	160	161	169	188
Chemistry	6,091	6,043	5,900	5,483	5,047	4,719	4,650	4,550	4,791
Physics	3,019	2,741	2,789	2,638	2,701	2,825	3,082	3,248	3,307
Other	491	504	480	363	359	330	345	271	324
Psychology	19,965	19,491	19,057	17,540	16,701	17,397	17,616	18,302	19,103
Social sciences	54,955	53,501	52,683	52,018	51,757	53,802	58,818	62,610	66,235
Anthropology	2,331	2,446	2,414	2,315	2,192	2,272	2,313	2,349	2,360
Area and ethnic studies	1,980	2,001	2,000	2,045	1,904	2,036	2,055	2,162	2,345
Economics	12,524	12,253	12,453	13,016	13,453	14,438	15,775	16,652	17,023
History of science	12	14	21	40	45	40	49	67	53
Linguistics	181	184	197	229	245	249	294	330	324
Political science and public administration	21,578	19,953	19,334	18,092	18,014	18,830	21,269	23,065	25,092
Sociology	7,794	7,846	7,762	7,657	7,440	7,307	7,553	7,720	8,438
Other	8,555	8,804	8,502	8,624	8,464	8,630	9,510	10,265	10,600
Engineering	51,798	50,882	49,575	47,320	47,344	47,952	50,803	51,418	52,936
Aerospace engineering	1,395	1,088	1,050	1,029	1,194	1,435	1,633	1,905	1,980
Chemical engineering	4,537	4,701	4,525	4,016	4,033	3,823	3,532	3,352	3,113
Civil engineering	9,629	9,441	8,946	7,263	6,908	6,667	7,118	7,120	7,448
Electrical engineering	14,695	14,416	14,310	15,322	15,829	16,257	17,820	18,310	18,579
Industrial engineering	2,630	2,918	2,968	2,630	2,594	2,635	2,627	2,542	2,669
Materials engineering	781	804	772	704	667	648	674	595	624
Mechanical engineering	12,773	12,171	11,727	11,325	11,421	11,594	12,183	12,416	12,955
Other	5,358	5,343	5,277	5,031	4,698	4,893	5,216	5,178	5,568
Non-S&E	324,659	323,811	325,493	338,489	338,400	349,549	357,279	370,283	377,456
U.S. citizen/permanent resident									
All fields	506,569	503,659	504,262	515,544	515,173	532,641	553,720	573,326	585,459
S&E	193,643	191,991	190,784	188,521	188,164	194,763	208,197	214,865	219,840
Sciences	145,988	145,230	145,224	144,928	144,462	150,326	160,892	167,085	170,682
Agricultural sciences	9,725	9,932	10,055	9,647	8,857	8,613	8,616	8,225	8,263
Biological sciences	28,603	29,204	29,331	26,399	24,425	23,535	23,447	23,680	24,977
Computer sciences	16,195	17,048	18,722	24,933	28,948	32,975	37,923	39,554	36,402
Earth, atmospheric, and ocean sciences	2,936	2,875	2,674	2,401	2,310	2,249	2,268	2,231	2,255
Atmospheric sciences	347	338	337	369	323	370	380	367	430
Earth sciences	2,473	2,410	2,218	1,933	1,900	1,760	1,822	1,790	1,758
Ocean sciences	116	127	119	99	87	119	66	74	67
Mathematics and statistics	6,705	6,514	6,149	5,827	5,692	6,233	6,608	7,052	7,762
Physical sciences	9,293	9,000	8,898	8,266	7,929	7,719	7,936	7,895	8,230
Astronomy	86	87	102	105	138	151	154	165	179

TABLE C-13. Bachelor's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Chemistry	5,875	5,821	5,689	5,298	4,892	4,547	4,490	4,384	4,607
Physics	2,851	2,598	2,640	2,518	2,565	2,704	2,958	3,110	3,162
Other	481	494	467	345	334	317	334	236	282
Psychology	19,690	19,236	18,761	17,266	16,431	17,089	17,336	17,998	18,785
Social sciences	52,841	51,421	50,634	50,189	49,870	51,913	56,758	60,450	64,008
Anthropology	2,301	2,384	2,381	2,277	2,154	2,235	2,288	2,318	2,326
Area and ethnic studies	1,874	1,928	1,946	1,989	1,859	1,985	2,003	2,112	2,286
Economics	11,357	11,079	11,328	11,982	12,358	13,355	14,598	15,376	15,726
History of science	12	14	21	39	44	39	48	67	52
Linguistics	171	168	175	213	228	237	276	316	307
Political science and public administration	21,018	19,447	18,748	17,613	17,513	18,332	20,712	22,530	24,562
Sociology	7,687	7,749	7,660	7,569	7,377	7,219	7,458	7,620	8,341
Other	8,421	8,652	8,375	8,507	8,337	8,511	9,375	10,111	10,408
Engineering	47,655	46,761	45,560	43,593	43,702	44,437	47,305	47,780	49,158
Aerospace engineering	1,287	971	926	922	1,070	1,334	1,495	1,757	1,831
Chemical engineering	4,112	4,287	4,139	3,713	3,723	3,505	3,296	3,104	2,835
Civil engineering	9,261	9,059	8,515	6,901	6,586	6,377	6,839	6,894	7,208
Electrical engineering	12,914	12,761	12,666	13,769	14,258	14,675	16,073	16,390	16,632
Industrial engineering	2,263	2,517	2,576	2,264	2,234	2,299	2,324	2,261	2,392
Materials engineering	758	782	747	675	641	625	649	582	594
Mechanical engineering	12,026	11,324	10,984	10,613	10,741	10,963	11,655	11,871	12,375
Other	5,034	5,060	5,007	4,736	4,449	4,659	4,974	4,921	5,291
Non-S&E	312,926	311,668	313,478	327,023	327,009	337,878	345,523	358,461	365,619
White									
All fields	399,132	392,541	389,007	388,171	383,832	394,159	405,401	416,122	422,255
S&E	148,562	145,094	142,372	137,288	135,184	139,654	147,682	151,231	153,884
Sciences	112,555	110,483	108,720	105,503	103,474	107,367	113,504	116,944	119,016
Agricultural sciences	8,799	9,010	9,062	8,554	7,829	7,550	7,503	7,187	7,216
Biological sciences	21,087	21,417	20,935	18,679	17,039	16,572	16,317	16,567	17,291
Computer sciences	12,009	12,247	13,274	16,748	19,043	21,539	24,096	24,638	23,001
Earth, atmospheric, and ocean sciences	2,678	2,651	2,439	2,157	2,053	1,988	1,996	1,971	1,999
Atmospheric sciences	328	316	324	335	280	334	333	332	388
Earth sciences	2,250	2,229	2,016	1,735	1,700	1,555	1,614	1,572	1,557
Ocean sciences	100	106	99	87	73	99	49	67	54
Mathematics and statistics	5,215	5,045	4,739	4,346	4,245	4,688	4,855	5,247	5,590
Physical sciences	7,288	7,044	6,851	6,282	5,993	5,886	6,069	6,020	6,260
Astronomy	67	75	82	88	119	119	130	131	145
Chemistry	4,487	4,406	4,224	3,876	3,521	3,334	3,314	3,228	3,426
Physics	2,343	2,152	2,159	2,043	2,076	2,175	2,359	2,493	2,478
Other	391	411	386	275	277	258	266	168	211
Psychology	15,170	14,520	13,918	12,394	11,585	11,931	12,207	12,696	13,105
Social sciences	40,309	38,549	37,502	36,343	35,687	37,213	40,461	42,618	44,554
Anthropology	1,861	1,922	1,907	1,784	1,661	1,709	1,757	1,737	1,748
Area and ethnic studies	1,185	1,194	1,153	1,136	1,031	1,120	1,111	1,168	1,200
Economics	8,613	8,367	8,379	8,611	8,744	9,564	10,263	10,620	10,718
History of science	11	11	17	25	27	25	32	48	40
Linguistics	117	135	125	151	175	185	201	219	204
Political science and public administration	16,403	14,841	14,327	13,257	13,095	13,642	15,392	16,634	17,920
Sociology	5,438	5,311	5,122	4,954	4,790	4,666	4,813	4,793	5,222
Other	6,681	6,768	6,472	6,425	6,164	6,302	6,892	7,399	7,502
Engineering	36,007	34,611	33,652	31,785	31,710	32,287	34,178	34,287	34,868
Aerospace engineering	989	729	725	724	842	1,047	1,160	1,347	1,429

TABLE C-13. Bachelor's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Chemical engineering	3,222	3,234	3,102	2,791	2,832	2,703	2,508	2,353	2,139
Civil engineering	7,403	7,130	6,679	5,383	5,213	5,097	5,492	5,459	5,670
Electrical engineering	8,558	8,415	8,294	8,734	8,885	8,964	9,865	9,888	9,908
Industrial engineering	1,716	1,670	1,765	1,654	1,637	1,701	1,643	1,646	1,705
Materials engineering	634	644	603	554	521	518	510	434	442
Mechanical engineering	9,465	8,838	8,572	8,281	8,380	8,658	9,223	9,455	9,708
Other	4,020	3,951	3,912	3,664	3,400	3,599	3,777	3,705	3,867
Non-S&E	250,570	247,447	246,635	250,883	248,648	254,505	257,719	264,891	268,371
Asian/Pacific Islander									
All fields	29,954	31,732	32,588	34,568	34,205	35,739	37,776	38,395	40,428
S&E	16,676	17,626	18,176	18,572	18,975	19,348	20,784	21,166	22,069
Sciences	11,312	12,015	12,741	13,382	13,634	14,081	15,227	15,558	15,914
Agricultural sciences	136	167	188	180	143	161	177	149	151
Biological sciences	3,880	4,008	4,181	3,565	3,213	2,884	2,908	2,937	3,329
Computer sciences	1,703	1,954	2,328	3,660	4,280	4,855	5,531	5,187	4,487
Earth, atmospheric, and ocean sciences	67	46	45	53	43	37	44	44	42
Atmospheric sciences	6	3	4	10	8	4	5	6	8
Earth sciences	57	35	33	40	28	29	35	34	33
Ocean sciences	4	8	8	3	7	4	4	4	1
Mathematics and statistics	520	472	444	447	482	515	602	671	793
Physical sciences	841	835	858	783	687	622	589	628	623
Astronomy	8	3	9	5	2	12	11	8	12
Chemistry	627	659	664	599	536	464	406	434	410
Physics	181	145	170	162	138	130	150	170	183
Other	25	28	15	17	11	16	22	16	18
Psychology	1,125	1,205	1,223	1,038	1,044	1,117	1,072	1,049	1,194
Social sciences	3,040	3,328	3,474	3,656	3,742	3,890	4,304	4,893	5,295
Anthropology	102	119	115	103	93	124	108	108	104
Area and ethnic studies	216	196	227	250	224	213	250	260	302
Economics	1,199	1,278	1,420	1,600	1,727	1,808	2,011	2,261	2,339
History of science	1	2	2	7	5	6	8	8	6
Linguistics	11	13	15	22	16	16	19	28	27
Political science and public administration	888	983	972	857	890	918	1,050	1,222	1,385
Sociology	312	391	388	420	375	400	409	493	585
Other	311	346	335	397	412	405	449	513	547
Engineering	5,364	5,611	5,435	5,190	5,341	5,267	5,557	5,608	6,155
Aerospace engineering	138	102	86	82	81	104	124	143	149
Chemical engineering	464	548	553	436	404	323	302	294	262
Civil engineering	716	763	636	457	372	311	319	310	356
Electrical engineering	2,280	2,262	2,298	2,613	2,881	3,035	3,215	3,278	3,521
Industrial engineering	218	328	273	208	201	212	230	223	221
Materials engineering	57	55	81	50	57	51	61	67	63
Mechanical engineering	1,016	970	966	830	830	743	782	719	856
Other	475	583	542	514	515	488	524	574	727
Non-S&E	13,278	14,106	14,412	15,996	15,230	16,391	16,992	17,229	18,359
Black									
All fields	32,223	32,726	33,653	35,648	36,378	37,206	38,991	40,692	41,918
S&E	11,230	11,495	11,698	11,976	11,963	12,421	13,255	13,739	13,995
Sciences	9,266	9,475	9,721	10,003	10,105	10,530	11,237	11,623	11,884
Agricultural sciences	170	171	179	183	167	179	196	168	177
Biological sciences	1,236	1,304	1,448	1,380	1,326	1,276	1,292	1,317	1,295



TABLE C-13. Bachelor's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Computer sciences	1,223	1,253	1,372	1,827	2,302	2,630	3,117	3,267	3,083
Earth, atmospheric, and ocean sciences	31	37	33	27	32	30	33	25	30
Atmospheric sciences	2	7	4	6	2	5	7	10	5
Earth sciences	25	26	28	21	29	22	22	14	21
Ocean sciences	4	4	1	0	1	3	4	1	4
Mathematics and statistics	449	483	462	434	357	373	374	337	416
Physical sciences	451	429	488	445	416	407	377	366	380
Astronomy	2	0	1	1	2	2	0	1	1
Chemistry	304	302	340	327	314	277	255	246	253
Physics	111	101	114	89	90	113	106	104	109
Other	34	26	33	28	10	15	16	15	17
Psychology	1,418	1,591	1,544	1,646	1,557	1,537	1,563	1,573	1,632
Social sciences	4,288	4,207	4,195	4,061	3,948	4,098	4,285	4,570	4,871
Anthropology	52	66	67	70	70	54	60	81	77
Area and ethnic studies	221	232	229	245	212	274	237	259	307
Economics	602	531	556	592	562	628	708	754	770
History of science	0	1	0	3	2	1	3	3	1
Linguistics	8	2	4	2	4	5	8	2	7
Political science and public administration	1,614	1,537	1,445	1,329	1,299	1,326	1,443	1,520	1,639
Sociology	1,177	1,204	1,225	1,181	1,167	1,150	1,142	1,182	1,250
Other	614	634	669	639	632	660	684	769	820
Engineering	1,964	2,020	1,977	1,973	1,858	1,891	2,018	2,116	2,111
Aerospace engineering	45	44	33	34	31	34	48	58	61
Chemical engineering	127	165	165	169	179	156	149	149	121
Civil engineering	266	275	254	256	215	191	181	187	201
Electrical engineering	778	777	782	753	759	781	929	1,019	959
Industrial engineering	110	122	156	130	120	115	146	128	155
Materials engineering	18	13	14	10	16	12	13	8	8
Mechanical engineering	451	459	398	443	381	407	348	366	411
Other	169	165	175	178	157	195	204	201	195
Non-S&E	20,993	21,231	21,955	23,672	24,415	24,785	25,736	26,953	27,923
Hispanic									
All fields	29,335	30,550	31,716	34,657	35,305	36,747	38,512	40,347	41,509
S&E	10,999	11,500	11,968	12,524	12,741	13,121	14,221	14,653	15,280
Sciences	8,102	8,304	8,789	9,437	9,687	10,040	10,924	11,291	11,821
Agricultural sciences	282	295	318	315	297	305	300	294	294
Biological sciences	1,562	1,599	1,823	1,736	1,756	1,619	1,723	1,586	1,664
Computer sciences	827	890	961	1,460	1,628	1,878	2,342	2,526	2,328
Earth, atmospheric, and ocean sciences	66	59	62	74	74	84	68	69	72
Atmospheric sciences	5	6	2	8	10	9	8	9	13
Earth sciences	55	50	51	60	59	65	55	58	54
Ocean sciences	6	3	9	6	5	10	5	2	5
Mathematics and statistics	332	326	318	326	330	340	372	368	468
Physical sciences	422	409	412	431	456	427	449	435	453
Astronomy	3	1	9	5	9	8	5	17	9
Chemistry	305	293	288	315	312	283	304	260	287
Physics	96	97	95	94	118	125	130	141	140
Other	18	18	20	17	17	11	10	17	17
Psychology	1,326	1,285	1,382	1,428	1,396	1,562	1,486	1,592	1,700
Social sciences	3,285	3,441	3,513	3,667	3,750	3,825	4,184	4,421	4,842
Anthropology	132	160	148	153	164	152	161	174	167

TABLE C-13. Bachelor's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Area and ethnic studies	180	214	250	229	233	226	232	232	266
Economics	530	535	565	644	702	675	737	825	886
History of science	0	0	2	0	3	3	1	2	2
Linguistics	15	7	13	15	16	9	14	25	18
Political science and public administration	1,445	1,396	1,348	1,345	1,323	1,417	1,580	1,665	1,954
Sociology	518	592	638	678	659	651	683	717	768
Other	465	537	549	603	650	692	776	781	781
Engineering	2,897	3,196	3,179	3,087	3,054	3,081	3,297	3,362	3,459
Aerospace engineering	72	70	61	52	68	81	88	98	113
Chemical engineering	192	226	221	214	184	200	181	175	186
Civil engineering	579	661	708	564	544	544	569	603	636
Electrical engineering	868	944	904	1,085	1,096	1,164	1,184	1,258	1,281
Industrial engineering	176	309	307	206	199	189	220	182	183
Materials engineering	28	46	31	30	23	19	27	34	44
Mechanical engineering	743	727	714	715	741	681	794	791	782
Other	239	213	233	221	199	203	234	221	234
Non-S&E	18,336	19,050	19,748	22,133	22,564	23,626	24,291	25,694	26,229
American Indian/Alaskan Native									
All fields	2,811	2,915	3,079	3,357	3,523	3,415	3,606	3,957	3,828
S&E	1,022	1,043	1,122	1,166	1,318	1,177	1,258	1,471	1,421
Sciences	827	847	915	927	1,126	943	1,012	1,228	1,152
Agricultural sciences	81	76	83	100	118	89	72	98	78
Biological sciences	143	157	191	156	194	163	140	154	188
Computer sciences	50	71	76	113	193	144	181	323	171
Earth, atmospheric, and ocean sciences	16	15	12	22	19	17	16	11	11
Atmospheric sciences	0	1	0	3	5	1	2	1	1
Earth sciences	14	10	12	18	13	14	12	10	10
Ocean sciences	2	4	0	1	1	2	2	0	0
Mathematics and statistics	30	29	38	31	28	29	30	37	48
Physical sciences	58	42	53	33	40	43	46	47	61
Astronomy	0	0	0	1	0	1	1	1	1
Chemistry	37	33	40	23	24	25	31	25	33
Physics	19	8	12	8	13	14	12	17	26
Other	2	1	1	1	3	3	2	4	1
Psychology	132	124	147	128	156	125	120	127	131
Social sciences	317	333	315	344	378	333	407	431	464
Anthropology	28	29	27	32	32	24	37	34	28
Area and ethnic studies	20	26	30	28	46	43	43	57	50
Economics	43	45	46	49	44	44	59	67	64
History of science	0	0	0	1	0	0	0	0	0
Linguistics	1	2	5	1	1	0	5	2	4
Political science and public administration	112	118	91	108	113	120	131	151	176
Sociology	55	53	64	67	66	47	64	60	68
Other	58	60	52	58	76	55	68	60	74
Engineering	195	196	207	239	192	234	246	243	269
Aerospace engineering	5	2	9	6	7	15	9	16	12
Chemical engineering	17	21	25	30	22	21	25	18	16
Civil engineering	44	47	48	58	39	49	44	47	54
Electrical engineering	51	43	48	68	48	60	78	68	73
Industrial engineering	7	11	13	15	13	16	8	6	18
Materials engineering	4	5	1	4	3	4	3	4	4
Mechanical engineering	51	36	40	41	39	44	51	61	58
Other	16	31	23	17	21	25	28	23	34

TABLE C-13. Bachelor's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Non-S&E	1,789	1,872	1,957	2,191	2,205	2,238	2,348	2,486	2,407
Other or unknown race/ethnicity									
All fields	13,114	13,195	14,219	19,143	21,930	25,375	29,434	33,813	35,521
S&E	5,154	5,233	5,448	6,995	7,983	9,042	10,997	12,605	13,191
Sciences	3,926	4,106	4,338	5,676	6,436	7,365	8,988	10,441	10,895
Agricultural sciences	257	213	225	315	303	329	368	329	347
Biological sciences	695	719	753	883	897	1,021	1,067	1,119	1,210
Computer sciences	383	633	711	1,125	1,502	1,929	2,656	3,613	3,332
Earth, atmospheric, and ocean sciences	78	67	83	68	89	93	111	111	101
Atmospheric sciences	6	5	3	7	18	17	25	9	15
Earth sciences	72	60	78	59	71	75	84	102	83
Ocean sciences	0	2	2	2	0	1	2	0	3
Mathematics and statistics	159	159	148	243	250	288	375	392	447
Physical sciences	233	241	236	292	337	334	406	399	453
Astronomy	6	8	1	5	6	9	7	7	11
Chemistry	115	128	133	158	185	164	180	191	198
Physics	101	95	90	122	130	147	201	185	226
Other	11	10	12	7	16	14	18	16	18
Psychology	519	511	547	632	693	817	888	961	1,023
Social sciences	1,602	1,563	1,635	2,118	2,365	2,554	3,117	3,517	3,982
Anthropology	126	88	117	135	134	172	165	184	202
Area and ethnic studies	52	66	57	101	113	109	130	136	161
Economics	370	323	362	486	579	636	820	849	949
History of science	0	0	0	3	7	4	4	6	3
Linguistics	19	9	13	22	16	22	29	40	47
Political science and public administration	556	572	565	717	793	909	1,116	1,338	1,488
Sociology	187	198	223	269	320	305	347	375	448
Other	292	307	298	385	403	397	506	589	684
Engineering	1,228	1,127	1,110	1,319	1,547	1,677	2,009	2,164	2,296
Aerospace engineering	38	24	12	24	41	53	66	95	67
Chemical engineering	90	93	73	73	102	102	131	115	111
Civil engineering	253	183	190	183	203	185	234	288	291
Electrical engineering	379	320	340	516	589	671	802	879	890
Industrial engineering	36	77	62	51	64	66	77	76	110
Materials engineering	17	19	17	27	21	21	35	35	33
Mechanical engineering	300	294	294	303	370	430	457	479	560
Other	115	117	122	142	157	149	207	197	234
Non-S&E	7,960	7,962	8,771	12,148	13,947	16,333	18,437	21,208	22,330
Temporary resident									
All fields	21,431	21,623	21,452	20,614	20,850	21,316	22,257	22,866	22,803
S&E	9,698	9,480	9,437	9,148	9,459	9,645	10,501	11,044	10,966
Sciences	5,555	5,359	5,422	5,421	5,817	6,130	7,003	7,406	7,188
Agricultural sciences	159	162	169	133	119	113	118	102	117
Biological sciences	613	669	680	547	580	538	602	642	722
Computer sciences	1,578	1,442	1,513	1,981	2,336	2,656	3,216	3,445	2,927
Earth, atmospheric, and ocean sciences	36	49	48	29	36	33	30	25	44
Atmospheric sciences	1	10	2	7	1	4	6	2	6
Earth sciences	31	35	44	17	34	28	24	22	37
Ocean sciences	4	4	2	5	1	1	0	1	1
Mathematics and statistics	379	320	286	304	266	278	395	385	453

TABLE C-13. Bachelor's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Physical sciences	401	382	381	324	323	315	302	343	380
Astronomy	7	7	8	1	7	9	7	4	9
Chemistry	216	222	211	185	155	172	160	166	184
Physics	168	143	149	120	136	121	124	138	145
Other	10	10	13	18	25	13	11	35	42
Psychology	275	255	296	274	270	308	280	304	318
Social sciences	2,114	2,080	2,049	1,829	1,887	1,889	2,060	2,160	2,227
Anthropology	30	62	33	38	38	37	25	31	34
Area and ethnic studies	106	73	54	56	45	51	52	50	59
Economics	1,167	1,174	1,125	1,034	1,095	1,083	1,177	1,276	1,297
History of science	0	0	0	1	1	1	1	0	1
Linguistics	10	16	22	16	17	12	18	14	17
Political science and public administration	560	506	586	479	501	498	557	535	530
Sociology	107	97	102	88	63	88	95	100	97
Other	134	152	127	117	127	119	135	154	192
Engineering	4,143	4,121	4,015	3,727	3,642	3,515	3,498	3,638	3,778
Aerospace engineering	108	117	124	107	124	101	138	148	149
Chemical engineering	425	414	386	303	310	318	236	248	278
Civil engineering	368	382	431	362	322	290	279	226	240
Electrical engineering	1,781	1,655	1,644	1,553	1,571	1,582	1,747	1,920	1,947
Industrial engineering	367	401	392	366	360	336	303	281	277
Materials engineering	23	22	25	29	26	23	25	13	30
Mechanical engineering	747	847	743	712	680	631	528	545	580
Other	324	283	270	295	249	234	242	257	277
Non-S&E	11,733	12,143	12,015	11,466	11,391	11,671	11,756	11,822	11,837

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE C-15. First university degrees in selected countries, by sex and field: 2004

Country and sex	Sciences										
	All fields	All S&E	All sciences	Agricultural sciences	Biological sciences	Computer sciences	Mathematics and statistics	Physical sciences	Social/	Engineering	Non-S&E
									behavioral sciences		
Number of degrees											
<b>Both sexes</b>											
Australia	130,298	42,984	32,941	1,246	5,755	11,904	670	3,634	9,732	10,043	87,314
Austria	20,288	7,542	4,370	208	600	1,026	101	380	2,055	3,172	12,746
Belgium	24,874	9,265	5,501	462	1,097	589	177	616	2,560	3,764	15,609
Canada	137,296	53,201	42,543	1,537	7,852	5,462	1,805	2,042	23,845	10,658	84,095
Czech Republic	33,126	12,306	5,440	1,282	735	1,036	289	841	1,257	6,866	20,820
Denmark	29,518	6,769	3,743	144	454	567	443	355	1,780	3,026	22,749
Finland	36,308	13,285	5,556	806	517	1,682	284	670	1,597	7,729	23,023
France	328,784	118,954	75,047	327	17,196	7,536	8,077	12,276	29,635	43,907	209,830
Germany	196,608	71,675	37,576	2,575	5,312	10,367	3,349	6,393	9,580	34,099	124,933
Greece	29,474	11,652	10,603	259	937	1,030	1,385	2,357	4,635	1,049	17,822
Hungary	53,514	11,640	7,306	1,740	231	1,234	72	511	3,518	4,334	41,874
Iceland	2,295	609	475	20	67	140	15	37	196	134	1,686
Ireland	25,865	8,048	5,504	208	1,187	2,102	116	768	1,123	2,544	17,817
Italy	264,574	98,767	52,868	3,340	9,787	3,211	3,281	3,682	29,567	45,899	165,807
Mexico	276,690	93,858	51,012	3,912	3,000	23,574	1,010	4,093	15,423	42,846	182,832
Netherlands	84,194	21,553	14,690	1,644	1,004	3,511	272	1,100	7,159	6,863	62,641
New Zealand	28,451	7,928	6,420	234	1,064	1,931	292	775	2,124	1,508	20,523
Norway	25,584	6,417	4,043	140	121	1,515	39	90	2,138	2,374	19,167
Poland	278,509	90,587	61,312	4,759	1,794	10,681	2,104	4,585	37,389	29,275	187,922
Slovak Republic	25,881	8,153	4,175	811	526	1,083	175	409	1,171	3,978	17,728
South Korea	267,058	119,338	48,964	3,228	7,911	9,452	4,835	7,900	15,638	70,374	147,720
Spain	202,435	67,316	36,528	4,401	3,999	7,952	1,977	4,873	13,326	30,788	135,119
Sweden	42,697	17,277	7,365	247	1,112	1,580	224	631	3,571	9,912	25,420
Switzerland	19,985	6,619	4,060	191	752	841	166	581	1,529	2,559	13,366
Turkey	188,134	53,793	36,792	4,298	2,894	1,727	3,928	6,330	17,615	17,001	134,341
United Kingdom	292,092	114,123	87,851	2,327	15,547	20,177	5,422	11,997	32,381	26,271	177,969
United States	1,399,542	447,838	360,712	16,560	61,509	59,488	13,327	NA	209,828	87,126	951,704
Brazil	528,223	102,050	71,594	5,585	9,512	20,098	3,353	7,362	25,684	30,456	426,173
Chile	71,502	22,770	12,043	2,094	1,073	2,811	137	1,022	4,906	10,727	48,732
Israel	34,703	16,577	12,193	195	1,144	NA	3,013	534	7,307	4,384	18,126
<b>Female</b>											
Australia	76,872	18,251	15,814	579	3,339	3,161	265	1,876	6,594	2,437	58,621
Austria	10,323	2,780	2,175	105	407	180	40	131	1,312	605	7,543
Belgium	12,964	3,761	2,933	201	632	49	87	221	1,743	828	9,203
Canada	83,174	26,931	24,479	769	4,973	1,314	834	870	15,719	2,452	56,243
Czech Republic	17,900	4,415	2,748	692	531	164	150	358	853	1,667	13,485
Denmark	18,871	2,429	1,693	78	273	116	83	150	993	736	16,442
Finland	22,923	4,716	3,035	366	394	695	131	330	1,119	1,681	18,207
France	190,019	51,618	40,810	171	10,500	1,668	3,573	4,914	19,984	10,808	138,401
Germany	98,110	24,031	16,174	1,103	3,316	1,708	1,887	2,441	5,719	7,857	74,079
Greece	18,736	5,962	5,487	138	509	342	630	995	2,873	475	12,774
Hungary	33,950	4,839	3,779	836	149	363	22	216	2,193	1,060	29,111
Iceland	1,570	282	243	10	50	38	4	18	123	39	1,288
Ireland	15,193	3,252	2,673	81	743	599	48	382	820	579	11,941
Italy	153,357	43,969	31,133	1,272	6,587	758	2,003	1,453	19,060	12,836	109,388
Mexico	144,349	34,603	24,606	926	1,631	8,962	462	2,168	10,457	9,997	109,746
Netherlands	47,470	7,169	6,285	716	585	307	100	290	4,287	884	40,301
New Zealand	17,758	3,658	3,172	76	694	528	128	361	1,385	486	14,100
Norway	16,104	2,259	1,720	69	79	282	12	29	1,249	539	13,845
Poland	174,786	44,232	36,190	2,760	1,525	1,761	1,420	2,836	25,888	8,042	130,554
Slovak Republic	14,466	3,145	1,906	326	346	185	83	217	749	1,239	11,321
South Korea	131,991	40,606	22,963	1,298	4,222	3,239	2,850	3,678	7,676	17,643	91,385
Spain	121,455	28,511	19,005	1,852	2,706	1,663	1,171	2,740	8,873	9,506	92,944

TABLE C-15. First university degrees in selected countries, by sex and field: 2004

Country and sex	Sciences										
	All fields	All S&E	All sciences	Agricultural sciences	Biological sciences	Computer sciences	Mathematics and statistics	Physical sciences	Social/behavioral sciences	Engineering	Non-S&E
Sweden	26,520	7,273	4,373	128	779	638	103	316	2,409	2,900	19,247
Switzerland	9,310	2,028	1,688	41	358	68	53	144	1,024	340	7,282
Turkey	83,618	20,325	16,441	1,362	1,777	404	1,878	2,824	8,196	3,884	63,293
United Kingdom	163,525	47,410	42,558	1,502	8,495	4,515	2,322	5,100	20,623	4,851	116,115
United States	804,117	218,518	199,991	7,661	38,261	14,903	6,124	NA	133,042	18,527	585,599
Brazil	329,311	46,001	36,712	1,724	6,386	5,363	1,705	3,531	18,003	9,289	283,310
Chile	37,687	8,197	5,611	672	536	630	77	477	3,219	2,586	29,490
Israel	20,935	7,943	6,905	108	739	NA	965	203	4,890	1,038	12,992
Male											
Australia	53,426	24,733	17,127	667	2,416	8,743	405	1,758	3,138	7,606	28,693
Austria	9,965	4,762	2,195	103	193	846	61	249	743	2,567	5,203
Belgium	11,910	5,504	2,568	261	465	540	90	395	817	2,936	6,406
Canada	54,122	26,270	18,064	768	2,879	4,148	971	1,172	8,126	8,206	27,852
Czech Republic	15,226	7,891	2,692	590	204	872	139	483	404	5,199	7,335
Denmark	10,647	4,340	2,050	66	181	451	360	205	787	2,290	6,307
Finland	13,385	8,569	2,521	440	123	987	153	340	478	6,048	4,816
France	138,765	67,336	34,237	156	6,696	5,868	4,504	7,362	9,651	33,099	71,429
Germany	98,498	47,644	21,402	1,472	1,996	8,659	1,462	3,952	3,861	26,242	50,854
Greece	10,738	5,690	5,116	121	428	688	755	1,362	1,762	574	5,048
Hungary	19,564	6,801	3,527	904	82	871	50	295	1,325	3,274	12,763
Iceland	725	327	232	10	17	102	11	19	73	95	398
Ireland	10,672	4,796	2,831	127	444	1,503	68	386	303	1,965	5,876
Italy	111,217	54,798	21,735	2,068	3,200	2,453	1,278	2,229	10,507	33,063	56,419
Mexico	132,341	59,255	26,406	2,986	1,369	14,612	548	1,925	4,966	32,849	73,086
Netherlands	36,724	14,384	8,405	928	419	3,204	172	810	2,872	5,979	22,340
New Zealand	10,693	4,270	3,248	158	370	1,403	164	414	739	1,022	6,423
Norway	9,480	4,158	2,323	71	42	1,233	27	61	889	1,835	5,322
Poland	103,723	46,355	25,122	1,999	269	8,920	684	1,749	11,501	21,233	57,368
Slovak Republic	11,415	5,008	2,269	485	180	898	92	192	422	2,739	6,407
South Korea	135,067	78,732	26,001	1,930	3,689	6,213	1,985	4,222	7,962	52,731	56,335
Spain	80,980	38,805	17,523	2,549	1,293	6,289	806	2,133	4,453	21,282	42,175
Sweden	16,177	10,004	2,992	119	333	942	121	315	1,162	7,012	6,173
Switzerland	10,675	4,591	2,372	150	394	773	113	437	505	2,219	6,084
Turkey	104,516	33,468	20,351	2,936	1,117	1,323	2,050	3,506	9,419	13,117	71,048
United Kingdom	128,567	66,713	45,293	825	7,052	15,662	3,100	6,897	11,758	21,420	61,854
United States	595,425	229,320	160,721	8,899	23,248	44,585	7,203	NA	76,786	68,599	366,105
Brazil	198,912	56,049	34,882	3,861	3,126	14,735	1,648	3,831	7,681	21,167	142,863
Chile	33,815	14,573	6,432	1,422	537	2,181	60	545	1,687	8,141	19,242
Israel	13,768	8,634	5,288	87	405	NA	2,048	331	2,417	3,346	5,134
Percent female by country											
Australia	59.0	42.5	48.0	46.5	58.0	26.6	39.6	51.6	67.8	24.3	67.1
Austria	50.9	36.9	49.8	50.5	67.8	17.5	39.6	34.5	63.8	19.1	59.2
Belgium	52.1	40.6	53.3	43.5	57.6	8.3	49.2	35.9	68.1	22.0	59.0
Canada	60.6	50.6	57.5	50.0	63.3	24.1	46.2	42.6	65.9	23.0	66.9
Czech Republic	54.0	35.9	50.5	54.0	72.2	15.8	51.9	42.6	67.9	24.3	64.8
Denmark	63.9	35.9	45.2	54.2	60.1	20.5	18.7	42.3	55.8	24.3	72.3
Finland	63.1	35.5	54.6	45.4	76.2	41.3	46.1	49.3	70.1	21.7	79.1
France	57.8	43.4	54.4	52.3	61.1	22.1	44.2	40.0	67.4	24.6	66.0
Germany	49.9	33.5	43.0	42.8	62.4	16.5	56.3	38.2	59.7	23.0	59.3
Greece	63.6	51.2	51.7	53.3	54.3	33.2	45.5	42.2	62.0	45.3	71.7
Hungary	63.4	41.6	51.7	48.0	64.5	29.4	30.6	42.3	62.3	24.5	69.5
Iceland	68.4	46.3	51.2	50.0	74.6	27.1	26.7	48.6	62.8	29.1	76.4
Ireland	58.7	40.4	48.6	38.9	62.6	28.5	41.4	49.7	73.0	22.8	67.0
Italy	58.0	44.5	58.9	38.1	67.3	23.6	61.0	39.5	64.5	28.0	66.0
Korea	52.2	36.9	48.2	23.7	54.4	38.0	45.7	53.0	67.8	23.3	60.0

TABLE C-15. First university degrees in selected countries, by sex and field: 2004

Country and sex	Sciences										
	All fields	All S&E	All sciences	Agricultural sciences	Biological sciences	Computer sciences	Mathematics and statistics	Physical sciences	Social/behavioral sciences	Engineering	Non-S&E
Mexico	56.4	33.3	42.8	43.6	58.3	8.7	36.8	26.4	59.9	12.9	64.3
Netherlands	62.4	46.1	49.4	32.5	65.2	27.3	43.8	46.6	65.2	32.2	68.7
New Zealand	62.9	35.2	42.5	49.3	65.3	18.6	30.8	32.2	58.4	22.7	72.2
Norway	62.8	48.8	59.0	58.0	85.0	16.5	67.5	61.9	69.2	27.5	69.5
Poland	55.9	38.6	45.7	40.2	65.8	17.1	47.4	53.1	64.0	31.1	63.9
Slovak Republic	49.4	34.0	46.9	40.2	53.4	34.3	58.9	46.6	49.1	25.1	61.9
Spain	60.0	42.4	52.0	42.1	67.7	20.9	59.2	56.2	66.6	30.9	68.8
Sweden	62.1	42.1	59.4	51.8	70.1	40.4	46.0	50.1	67.5	29.3	75.7
Switzerland	46.6	30.6	41.6	21.5	47.6	8.1	31.9	24.8	67.0	13.3	54.5
Turkey	44.4	37.8	44.7	31.7	61.4	23.4	47.8	44.6	46.5	22.8	47.1
United Kingdom	56.0	41.5	48.4	64.6	54.6	22.4	42.8	42.5	63.7	18.5	65.2
United States	57.5	48.8	55.4	46.3	62.2	25.1	46.0	NA	63.4	21.3	61.5
Brazil	62.3	45.1	51.3	30.9	67.1	26.7	50.8	48.0	70.1	30.5	66.5
Chile	52.7	36.0	46.6	32.1	50.0	22.4	56.2	46.7	65.6	24.1	60.5
Israel	60.3	47.9	56.6	55.4	64.6	NA	32.0	38.0	66.9	23.7	71.7

NA Not available; included elsewhere.

NOTE: United States numbers differ from those in other tables in this report because of differences in coverage of institutions and field taxonomy.

SOURCE: Organisation for Economic Co-operation and Development, Education Online database, 2007.

TABLE C-16. S&E associate's degrees awarded by leading institutions, by sex: 2001–2005

Academic institution	Associate's degrees	Academic institution	Associate's degrees
<b>Female</b>		<b>Male</b>	
All institutions	146,276	All institutions	284,803
Leading institutions	40,326	Leading institutions	66,666
Community College of the Air Force	1,962	Community College of the Air Force	9,002
Riverside Community College	1,911	Technical Career Institutes	3,168
Mt San Jacinto College	1,655	ECPI College of Technology	2,650
Keiser College Ft Lauderdale	1,320	Purdue University main campus	2,252
Sierra College	1,314	New England Institute of Technology	2,033
San Jacinto College Central campus	1,286	Texas State Technical College Waco	1,865
Sacramento City College	1,278	Keiser College Ft Lauderdale	1,845
Citrus College	1,275	DeVry University New Jersey	1,775
Tidewater Community College	1,262	Pennsylvania College of Technology	1,525
ECPI College of Technology	1,216	Excelsior College	1,417
Moraine Valley Community College	1,156	CUNY New York City College of Technology	1,342
CUNY La Guardia Community College	970	Southeast Community College Area	1,335
Butte College	953	Pittsburgh Technical Institute	1,325
Napa Valley College	915	ITT Technical Institute (Houston, TX)	1,211
San Joaquin Delta College	894	Herald College San Jose	1,164
McHenry County College	864	Herald College Concord	1,153
Lewis and Clark Community College	849	Herald College Hayward	1,146
Lake Land College	774	Riverside Community College	1,120
Brookdale Community College	734	ITT Technical Institute (San Diego, CA)	1,057
Parkland College	728	Ferris State University	1,035
CUNY New York City College of Technology	716	Salt Lake Community College	1,032
Waubonsee Community College	697	Remington College Tampa campus	1,028
Solano Community College	673	Katharine Gibbs School New York City	1,023
American River College	669	ECPI Technical College (Richmond, VA)	1,000
College of the Canyons	666	Cincinnati State Technical and Community College	997
Tulsa Community College	650	Hocking College	995
Oklahoma City Community College	641	Sinclair Community College	986
Southwestern Illinois College	634	Moraine Valley Community College	960
Robert Morris College (Chicago, IL)	621	San Jacinto College Central campus	954
Richard Bland College of the College of William and Mary	597	Robert Morris College (Chicago, IL)	953
CUNY Bronx Community College	571	Herald College San Francisco	940
Essex County College	556	Milwaukee Area Technical College	939
Thomas Nelson Community College	555	Monroe Community College	931
Henry Ford Community College	554	Columbus State Community College	920
Victor Valley Community College	547	ITT Technical Institute (West Covina, CA)	917
Modesto Junior College	546	Tidewater Community College	915
DeVry University New Jersey	545	ITT Technical Institute (San Bernardino, CA)	901
Kishwaukee College	531	Macomb Community College	894
El Camino College	529	DeVry University Illinois	867
Harrisburg Area Community College	529	Springfield Technical Community College	858
Laney College	521	ITT Technical Institute (Sylmar, CA)	847
Merritt College	521	Fox Valley Technical College	842
John A Logan College	517	North Dakota State College of Science	841
Texas State Technical College Waco	515	DeVry University California	832
Katharine Gibbs School New York City	491	San Joaquin Delta College	832
CUNY Borough of Manhattan Community College	489	Herald College Roseville	830
J Sargeant Reynolds Community College	489	Henry Ford Community College	824
Bakersfield College	485	Sacramento City College	810
Illinois Valley Community College	478	ITT Technical Institute (Torrance, CA)	791
Lincoln Land Community College	477	Vincennes University	787
Other institutions	105,950	Other institutions	218,137

NOTES: S&E includes science and engineering technologies and interdisciplinary fields. Institutions awarding the same number of degrees are listed alphabetically.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 2001–2005.



TABLE C-17. S&E associate's degrees awarded by leading institutions, by race/ethnicity of minority graduates: 2001–2005

Academic institution	Associate's degrees	Academic institution	Associate's degrees
<b>Asian/Pacific Islander</b>		<b>Black</b>	
All institutions	25,233	All institutions	44,870
Leading institutions	6,916	Leading institutions	11,530
Honolulu Community College	878	Community College of the Air Force	1,379
Heald College San Jose	638	ECPI College of Technology	1,248
Heald College San Francisco	499	Technical Career Institutes	1,170
Sacramento City College	454	CUNY New York City College of Technology	975
Technical Career Institutes	381	Keiser College Ft Lauderdale	746
San Joaquin Delta College	362	Katharine Gibbs School New York City	602
Heald College Concord	357	ECPI Technical College (Richmond, VA)	504
CUNY New York City College of Technology	332	Essex County College	504
Heald College Hayward	296	Robert Morris College (Chicago, IL)	494
Laney College	292	DeVry University New Jersey	444
CUNY Queensborough Community College	269	Strayer University Washington campus	427
CUNY La Guardia Community College	266	Merritt College	391
Riverside Community College	264	CUNY Bronx Community College	371
DeVry University New Jersey	261	CUNY Borough of Manhattan Community College	359
Solano Community College	243	CUNY Kingsborough Community College	359
Northern Virginia Community College	237	Tidewater Community College	336
Ohlone College	234	Virginia College Birmingham	324
College of Alameda	222	ITT Technical Institute (Cordova, TN)	305
College of Micronesia FSM	222	Central Texas College	301
Santa Ana College	209	Laney College	291
Other institutions	18,317	Other institutions	33,340
<b>Hispanic</b>		<b>American Indian/Alaskan Native</b>	
All institutions	43,189	All institutions	4,897
Leading institutions	10,796	Leading institutions	1,659
Technical Career Institutes	1,208	Dine College	341
South Texas College	787	Oglala Lakota College	134
Riverside Community College	783	Eastern Oklahoma State College	106
Huertas Junior College	672	Blackfeet Community College	99
Citrus College	668	San Juan College	98
San Jacinto College Central campus	556	Tulsa Community College	82
CUNY La Guardia Community College	540	Northeastern Oklahoma A&M College	76
ITT Technical Institute (Torrance, CA)	523	Oklahoma City Community College	71
Katharine Gibbs School New York City	521	Carl Albert State College	64
Texas State Technical College Harlingen	452	Seminole State College	64
ITT Technical Institute (Houston, TX)	449	Albuquerque Technical Vocational Institute	62
ITT Technical Institute (West Covina, CA)	442	ITT Technical Institute (Albuquerque, NM)	59
Mt San Jacinto College	440	Robeson Community College	57
CUNY New York City College of Technology	429	Haskell Indian Nations University	55
ITT Technical Institute (Sylmar, CA)	422	Oklahoma State University Okmulgee	55
CUNY Bronx Community College	418	Murray State College	51
Southwestern College (Chula Vista, CA)	400	DeVry University Arizona	50
ITT Technical Institute (San Bernardino, CA)	378	Mt San Jacinto College	50
DeVry University New Jersey	364	College of the Redwoods	44
Imperial Valley College	344	Rose State College	41
Other institutions	32,393	Other institutions	3,238

NOTES: S&E includes science and engineering technologies and interdisciplinary fields. Institutions awarding the same number of degrees are listed alphabetically.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 2001–2005.

TABLE C-18. S&E bachelor's degrees awarded by leading institutions, by sex: 2001–2005

Academic institution	Bachelor's degrees	Academic institution	Bachelor's degrees
<b>Female</b>		<b>Male</b>	
All institutions	1,101,311	All institutions	1,077,444
Leading institutions	279,195	Leading institutions	319,072
University of California Los Angeles	12,888	University of Texas at Austin	10,877
University of California Berkeley	9,978	University of California Los Angeles	10,462
University of California Davis	9,784	Pennsylvania State University main campus	10,095
University of Washington Seattle	9,272	University of California Berkeley	9,874
University of California Irvine	8,543	University of Illinois at Urbana Champaign	9,777
Rutgers University New Brunswick/Piscataway	8,481	University of Washington Seattle	9,383
University of Texas at Austin	7,897	University of Michigan Ann Arbor	9,106
University of Florida	7,815	Ohio State University main campus	8,980
University of California San Diego	7,664	Texas A & M University	8,856
University of Michigan Ann Arbor	7,311	Purdue University main campus	8,615
Texas A & M University	7,130	University of Maryland College Park	8,451
Michigan State University	7,089	University of Florida	8,442
University of Illinois at Urbana Champaign	6,877	Rutgers University New Brunswick/Piscataway	8,274
Ohio State University main campus	6,861	University of Wisconsin Madison	8,239
University of Wisconsin Madison	6,680	North Carolina State University at Raleigh	8,139
University of California Santa Barbara	6,596	University of California Irvine	8,055
University of Maryland College Park	6,407	University of California Davis	7,886
Pennsylvania State University main campus	6,241	Brigham Young University	7,741
University of Colorado at Boulder	6,065	Michigan State University	7,564
University of Minnesota Twin Cities	5,834	University of California San Diego	7,281
University of South Florida	5,320	Virginia Polytechnic Institute and State University	7,275
North Carolina State University at Raleigh	5,192	University of Minnesota Twin Cities	7,145
San Diego State University	5,018	Georgia Institute of Technology main campus	6,765
University of Arizona	4,946	University of Colorado at Boulder	6,259
University of California Santa Cruz	4,652	Iowa State University	5,631
Florida State University	4,617	University of Utah	5,512
University of Virginia main campus	4,546	Cornell University	5,407
University of North Carolina at Chapel Hill	4,487	University of Arizona	5,333
Purdue University main campus	4,402	University of California Santa Barbara	5,123
University of Massachusetts Amherst	4,374	San Diego State University	4,944
University of Central Florida	4,313	Arizona State University Tempe	4,939
Boston University	4,295	Florida State University	4,823
California State University Northridge	4,113	California Polytechnic State University San Luis Obispo	4,771
Arizona State University Tempe	4,087	University of Virginia main campus	4,569
Brigham Young University	4,073	Auburn University main campus	4,540
Virginia Polytechnic Institute and State University	4,057	University of Pittsburgh main campus	4,423
Cornell University	3,937	University of Massachusetts Amherst	4,409
University of Pittsburgh main campus	3,925	University of Tennessee	4,126
University of Georgia	3,913	Oregon State University	4,122
SUNY at Binghamton	3,869	Kansas State University	4,106
Indiana University Bloomington	3,803	SUNY at Buffalo	4,084
New York University	3,737	Louisiana State University and A & M College	4,062
University of Oregon	3,665	Indiana University Bloomington	4,048
Colorado State University	3,595	University of Missouri Columbia	3,978
Washington State University	3,541	University of Central Florida	3,975
University of California Riverside	3,537	University of South Florida	3,950
Louisiana State University and A & M College	3,501	Colorado State University	3,835
San Francisco State University	3,474	University of Pennsylvania	3,619
University of Tennessee	3,408	Clemson University	3,605
California State University Long Beach	3,385	University of Southern California	3,597
Other institutions	822,116	Other institutions	758,372

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 2001–2005.

TABLE C-19. S&E bachelor's degrees awarded by leading institutions, by race/ethnicity of minority graduates: 2001–2005

Academic institution	Bachelor's degrees	Academic institution	Bachelor's degrees
<b>Asian/Pacific Islander</b>		<b>Black</b>	
All institutions	197,796	All institutions	182,449
Leading institutions	77,110	Leading institutions	28,847
University of California Los Angeles	9,245	Florida Agricultural and Mechanical University	2,244
University of California Irvine	8,999	Howard University	1,882
University of California Berkeley	8,516	University of Maryland College Park	1,743
University of California Davis	6,056	Xavier University of Louisiana	1,723
University of California San Diego	5,434	Georgia State University	1,625
University of Washington Seattle	4,230	Spelman College	1,613
Rutgers University New Brunswick/Piscataway	3,719	Morgan State University	1,561
University of Texas at Austin	3,472	North Carolina A & T State University	1,537
University of Hawaii at Manoa	2,787	Southern University and A & M College	1,523
University of Illinois at Urbana Champaign	2,647	Hampton University	1,465
University of Michigan Ann Arbor	2,543	Tennessee State University	1,425
San Jose State University	2,451	Strayer University Washington	1,329
University of California Riverside	2,375	CUNY John Jay College Criminal Justice	1,313
University of Maryland College Park	2,288	Rutgers University New Brunswick/Piscataway	1,261
University of Illinois at Chicago	1,939	Florida State University	1,166
Cornell University	1,913	Ohio State University main campus	1,126
Stony Brook University	1,781	North Carolina State University at Raleigh	1,103
California State Polytechnic University Pomona	1,751	DeVry University Georgia	1,084
University of California Santa Barbara	1,656	Morehouse College	1,066
Stanford University	1,654	Tuskegee University	1,058
University of Southern California	1,654		
Other institutions	120,686	Other institutions	153,602
<b>Hispanic</b>		<b>American Indian/Alaskan Native</b>	
All institutions	159,162	All institutions	14,728
Leading institutions	43,877	Leading institutions	3,734
University of Puerto Rico Mayaguez	5,915	Oklahoma State University main campus	423
University of Puerto Rico Rio Piedras	3,830	University of Oklahoma Norman	398
Florida International University	3,417	Northeastern State University	297
University of California Los Angeles	3,232	University of Washington Seattle	206
University of Texas at Austin	2,421	University of North Carolina at Pembroke	203
University of Texas at San Antonio	2,009	University of New Mexico main campus	194
San Diego State University	1,957	Arizona State University at Tempe	192
University of Florida	1,883	Fort Lewis College	192
California State University Northridge	1,871	George Mason University	188
University of California Santa Barbara	1,735	Southeastern Oklahoma State University	186
University of California Berkeley	1,702	University of Arizona	182
University of California Irvine	1,686	Northern Arizona University	148
Universidad Politecnica de Puerto Rico	1,645	University of California Davis	147
University of California Davis	1,622	DePaul University	125
University of Texas at El Paso	1,583	New Mexico State University main campus	118
University of Texas Pan American	1,537	DeVry University California	113
California State University Los Angeles	1,519	University of California Berkeley	111
Texas A & M University	1,492	University of Montana	105
California State University Fullerton	1,419	University of California Los Angeles	104
University of California Riverside	1,402	East Central University	102
Other institutions	115,285	Other institutions	10,994

NOTE: Institutions awarding the same number of degrees are listed alphabetically.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 2001–2005.

TABLE E-1. Master's degrees, by field: 1996–2005

Field	1996	1997	1998	2000	2001	2002	2003	2004	2005
All fields	408,932	420,954	431,871	456,260	466,645	481,132	511,603	555,537	567,875
S&E	95,313	93,485	93,918	95,683	98,986	99,173	107,910	118,470	120,025
Sciences	67,552	67,611	67,780	69,947	72,463	72,907	78,206	84,598	85,926
Agricultural sciences	4,021	3,927	3,862	3,858	3,752	4,019	3,955	4,221	4,171
Biological sciences	6,286	6,594	6,368	6,325	6,487	6,334	6,877	7,647	8,099
Computer sciences	10,613	10,489	11,752	14,529	16,341	16,582	19,248	19,853	17,820
Earth, atmospheric, and ocean sciences	1,487	1,435	1,426	1,345	1,363	1,406	1,491	1,570	1,685
Atmospheric sciences	199	177	199	156	140	141	167	179	255
Earth sciences	1,146	1,145	1,105	1,104	1,121	1,151	1,203	1,248	1,314
Ocean sciences	142	113	122	85	102	114	121	143	116
Mathematics and statistics	3,742	3,599	3,525	3,295	3,280	3,408	3,706	4,297	4,598
Physical sciences	4,364	4,141	3,969	3,512	3,737	3,624	3,702	4,030	4,116
Astronomy	115	93	101	102	93	112	123	150	159
Chemistry	2,273	2,268	2,173	1,908	2,009	1,866	1,830	2,056	1,912
Physics	1,686	1,497	1,401	1,244	1,376	1,353	1,453	1,637	1,846
Other	290	283	294	258	259	293	296	187	199
Psychology	13,043	13,633	13,146	13,708	14,335	14,041	14,469	15,298	16,076
Social sciences	23,996	23,793	23,732	23,375	23,168	23,493	24,758	27,682	29,361
Anthropology	1,051	1,111	1,098	950	1,092	1,017	1,043	1,098	1,107
Area and ethnic studies	1,657	1,587	1,550	1,529	1,515	1,497	1,514	1,617	1,681
Economics	2,964	2,804	2,843	2,515	2,492	2,651	2,951	3,201	3,504
History of science	10	18	22	24	26	35	25	25	29
Linguistics	601	642	568	553	552	520	525	574	611
Political science and public administration	13,370	13,368	13,151	13,035	12,929	13,183	14,115	15,766	17,354
Sociology	1,822	1,752	1,774	2,036	1,901	1,957	1,929	2,031	1,518
Other	2,521	2,511	2,726	2,733	2,661	2,633	2,656	3,370	3,557
Engineering	27,761	25,874	26,138	25,736	26,523	26,266	29,704	33,872	34,099
Aerospace engineering	774	625	584	560	611	682	735	870	946
Chemical engineering	1,416	1,345	1,372	1,352	1,368	1,267	1,365	1,506	1,506
Civil engineering	5,002	4,880	4,736	4,140	4,013	3,947	4,190	4,445	4,631
Electrical engineering	8,156	7,341	7,971	8,339	8,630	8,279	10,075	12,173	11,637
Industrial engineering	3,027	2,935	3,109	3,048	3,401	3,388	3,849	4,244	3,937
Materials engineering	774	724	698	759	709	630	720	800	790
Mechanical engineering	4,009	3,756	3,551	3,378	3,472	3,519	3,839	4,555	4,761
Other	4,603	4,268	4,117	4,160	4,319	4,554	4,931	5,279	5,891
Non-S&E	313,619	327,469	337,953	360,577	367,659	381,959	403,693	437,067	447,850

NOTE: Data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE E-2. Master's degrees awarded to women, by field: 1996–2005

Field	1996	1997	1998	2000	2001	2002	2003	2004	2005	1996	2005
	Number									Percent	
All fields	228,572	239,497	246,810	265,026	273,639	283,035	300,845	328,202	337,818	55.9	59.5
S&E	37,453	38,262	38,583	41,470	43,393	43,472	46,711	51,672	53,051	39.3	44.2
Sciences	32,701	33,567	33,420	36,130	37,765	37,898	40,527	44,537	45,444	48.4	52.9
Agricultural sciences	1,707	1,695	1,709	1,819	1,837	1,997	2,059	2,256	2,220	42.5	53.2
Biological sciences	3,341	3,518	3,354	3,510	3,755	3,669	4,018	4,487	4,870	53.1	60.1
Computer sciences	2,850	2,979	3,414	4,868	5,508	5,499	6,091	6,195	5,078	26.9	28.5
Earth, atmospheric, and ocean sciences	436	487	494	513	564	572	612	701	712	29.3	42.3
Atmospheric sciences	35	42	52	37	40	46	55	67	70	17.6	27.5
Earth sciences	347	393	397	434	472	473	501	566	577	30.3	43.9
Ocean sciences	54	52	45	42	52	53	56	68	65	38.0	56.0
Mathematics and statistics	1,506	1,489	1,470	1,498	1,389	1,471	1,677	1,950	2,011	40.2	43.7
Physical sciences	1,450	1,333	1,440	1,215	1,301	1,326	1,324	1,513	1,529	33.2	37.1
Astronomy	27	32	30	25	36	27	42	53	62	23.5	39.0
Chemistry	998	927	998	823	825	852	829	950	939	43.9	49.1
Physics	301	255	255	244	286	286	313	413	427	17.9	23.1
Other	124	119	157	123	154	161	140	97	101	42.8	50.8
Psychology	9,373	9,918	9,540	10,293	10,858	10,672	11,100	11,950	12,632	71.9	78.6
Social sciences	12,038	12,148	11,999	12,414	12,553	12,692	13,646	15,485	16,392	50.2	55.8
Anthropology	631	712	686	587	689	642	655	721	737	60.0	66.6
Area and ethnic studies	856	845	842	879	896	879	888	961	988	51.7	58.8
Economics	1,002	953	944	952	973	1,050	1,161	1,252	1,391	33.8	39.7
History of science	4	7	7	6	10	17	10	14	12	40.0	41.4
Linguistics	393	418	389	407	380	360	380	410	433	65.4	70.9
Political science and public administration	6,654	6,691	6,566	6,720	6,841	6,978	7,723	8,828	9,756	49.8	56.2
Sociology	1,180	1,142	1,118	1,387	1,258	1,315	1,296	1,358	1,033	64.8	68.1
Other	1,318	1,380	1,447	1,476	1,506	1,451	1,533	1,941	2,042	52.3	57.4
Engineering	4,752	4,695	5,163	5,340	5,628	5,574	6,184	7,135	7,607	17.1	22.3
Aerospace engineering	92	75	81	76	90	125	107	149	164	11.9	17.3
Chemical engineering	306	332	344	344	352	335	343	417	425	21.6	28.2
Civil engineering	1,064	1,099	1,154	1,075	1,061	1,063	1,148	1,211	1,322	21.3	28.5
Electrical engineering	1,196	1,144	1,376	1,558	1,673	1,561	1,902	2,385	2,470	14.7	21.2
Industrial engineering	624	604	676	648	789	795	844	906	919	20.6	23.3
Materials engineering	175	174	170	201	173	171	183	199	204	22.6	25.8
Mechanical engineering	454	419	461	455	448	468	459	563	598	11.3	12.6
Other	841	848	901	983	1,042	1,056	1,198	1,305	1,505	18.3	25.5
Non-S&E	191,119	201,235	208,227	223,556	230,246	239,563	254,134	276,530	284,767	60.9	63.6

NOTE: Data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE E-3. Master's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
All fields	408,932	420,954	431,871	456,260	466,645	481,132	511,603	555,537	567,875
S&E	95,313	93,485	93,918	95,683	98,986	99,173	107,910	118,470	120,025
Sciences	67,552	67,611	67,780	69,947	72,463	72,907	78,206	84,598	85,926
Agricultural sciences	4,021	3,927	3,862	3,858	3,752	4,019	3,955	4,221	4,171
Biological sciences	6,286	6,594	6,368	6,325	6,487	6,334	6,877	7,647	8,099
Computer sciences	10,613	10,489	11,752	14,529	16,341	16,582	19,248	19,853	17,820
Earth, atmospheric, and ocean sciences	1,487	1,435	1,426	1,345	1,363	1,406	1,491	1,570	1,685
Atmospheric sciences	199	177	199	156	140	141	167	179	255
Earth sciences	1,146	1,145	1,105	1,104	1,121	1,151	1,203	1,248	1,314
Ocean sciences	142	113	122	85	102	114	121	143	116
Mathematics and statistics	3,742	3,599	3,525	3,295	3,280	3,408	3,706	4,297	4,598
Physical sciences	4,364	4,141	3,969	3,512	3,737	3,624	3,702	4,030	4,116
Astronomy	115	93	101	102	93	112	123	150	159
Chemistry	2,273	2,268	2,173	1,908	2,009	1,866	1,830	2,056	1,912
Physics	1,686	1,497	1,401	1,244	1,376	1,353	1,453	1,637	1,846
Other	290	283	294	258	259	293	296	187	199
Psychology	13,043	13,633	13,146	13,708	14,335	14,041	14,469	15,298	16,076
Social sciences	23,996	23,793	23,732	23,375	23,168	23,493	24,758	27,682	29,361
Anthropology	1,051	1,111	1,098	950	1,092	1,017	1,043	1,098	1,107
Area and ethnic studies	1,657	1,587	1,550	1,529	1,515	1,497	1,514	1,617	1,681
Economics	2,964	2,804	2,843	2,515	2,492	2,651	2,951	3,201	3,504
History of science	10	18	22	24	26	35	25	25	29
Linguistics	601	642	568	553	552	520	525	574	611
Political science and public administration	13,370	13,368	13,151	13,035	12,929	13,183	14,115	15,766	17,354
Sociology	1,822	1,752	1,774	2,036	1,901	1,957	1,929	2,031	1,518
Other	2,521	2,511	2,726	2,733	2,661	2,633	2,656	3,370	3,557
Engineering	27,761	25,874	26,138	25,736	26,523	26,266	29,704	33,872	34,099
Aerospace engineering	774	625	584	560	611	682	735	870	946
Chemical engineering	1,416	1,345	1,372	1,352	1,368	1,267	1,365	1,506	1,506
Civil engineering	5,002	4,880	4,736	4,140	4,013	3,947	4,190	4,445	4,631
Electrical engineering	8,156	7,341	7,971	8,339	8,630	8,279	10,075	12,173	11,637
Industrial engineering	3,027	2,935	3,109	3,048	3,401	3,388	3,849	4,244	3,937
Materials engineering	774	724	698	759	709	630	720	800	790
Mechanical engineering	4,009	3,756	3,551	3,378	3,472	3,519	3,839	4,555	4,761
Other	4,603	4,268	4,117	4,160	4,319	4,554	4,931	5,279	5,891
Non-S&E	313,619	327,469	337,953	360,577	367,659	381,959	403,693	437,067	447,850
U.S. citizen/permanent resident									
All fields	360,682	371,477	379,666	400,689	405,455	417,821	440,227	481,135	495,470
S&E	73,635	72,220	71,295	70,933	71,564	71,623	75,542	83,120	86,563
Sciences	54,870	54,982	54,318	55,020	56,042	56,160	59,212	64,868	67,344
Agricultural sciences	3,363	3,269	3,264	3,342	3,281	3,540	3,440	3,575	3,575
Biological sciences	5,295	5,671	5,468	5,575	5,614	5,529	5,876	6,532	6,886
Computer sciences	6,712	6,516	6,957	7,966	8,596	8,895	10,159	11,033	10,340
Earth, atmospheric, and ocean sciences	1,238	1,198	1,218	1,150	1,191	1,207	1,285	1,312	1,431
Atmospheric sciences	163	143	152	118	116	113	128	135	206
Earth sciences	962	959	972	962	987	1,001	1,046	1,058	1,132
Ocean sciences	113	96	94	70	88	93	111	119	93
Mathematics and statistics	2,712	2,606	2,499	2,184	2,050	2,114	2,193	2,512	2,821
Physical sciences	2,879	2,734	2,680	2,372	2,498	2,436	2,513	2,662	2,735
Astronomy	94	74	82	80	65	77	94	102	122
Chemistry	1,468	1,501	1,446	1,309	1,388	1,260	1,297	1,384	1,289
Physics	1,082	938	882	761	808	829	851	1,010	1,148
Other	235	221	270	222	237	270	271	166	176

TABLE E-3. Master's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Psychology	12,619	13,231	12,686	13,241	13,871	13,562	13,804	14,695	15,446
Social sciences	20,052	19,757	19,546	19,190	18,941	18,877	19,942	22,547	24,110
Anthropology	956	1,020	1,012	864	1,004	918	960	993	1,034
Area and ethnic studies	1,489	1,397	1,340	1,300	1,287	1,269	1,266	1,364	1,445
Economics	1,620	1,456	1,440	1,209	1,172	1,191	1,337	1,493	1,774
History of science	10	16	16	22	21	33	18	22	23
Linguistics	430	473	420	380	394	351	353	398	422
Political science and public administration	11,580	11,517	11,220	11,111	10,946	11,037	11,893	13,401	14,860
Sociology	1,647	1,580	1,622	1,845	1,744	1,766	1,744	1,832	1,349
Other	2,320	2,298	2,476	2,459	2,373	2,312	2,371	3,044	3,203
Engineering	18,765	17,238	16,977	15,913	15,522	15,463	16,330	18,252	19,219
Aerospace engineering	576	441	374	339	360	395	447	579	656
Chemical engineering	820	748	780	721	726	662	657	704	739
Civil engineering	3,664	3,664	3,547	3,048	2,780	2,593	2,686	2,782	3,080
Electrical engineering	4,994	4,265	4,452	4,231	3,959	4,036	4,403	5,276	5,229
Industrial engineering	2,044	1,872	2,004	1,872	1,992	1,958	2,084	2,268	2,178
Materials engineering	501	472	447	483	409	386	381	417	451
Mechanical engineering	2,806	2,602	2,423	2,212	2,222	2,214	2,239	2,630	2,847
Other	3,360	3,174	2,950	3,007	3,074	3,219	3,433	3,596	4,039
Non-S&E	287,047	299,257	308,371	329,756	333,891	346,198	364,685	398,015	408,907
White									
All fields	282,713	288,353	291,962	297,226	293,390	296,978	306,552	326,932	336,718
S&E	55,349	53,769	52,328	49,850	48,792	48,410	49,936	54,339	56,082
Sciences	41,773	41,277	40,243	38,830	38,326	38,006	39,210	42,582	43,815
Agricultural sciences	2,918	2,809	2,827	2,864	2,782	2,951	2,898	2,953	2,930
Biological sciences	4,131	4,395	4,212	4,179	4,124	4,085	4,290	4,618	4,862
Computer sciences	4,353	4,105	4,277	4,435	4,541	4,738	5,125	5,686	5,556
Earth, atmospheric, and ocean sciences	1,074	1,084	1,106	1,036	1,043	1,065	1,125	1,144	1,234
Atmospheric sciences	148	128	133	111	99	98	117	120	185
Earth sciences	853	873	889	861	876	890	914	921	963
Ocean sciences	73	83	84	64	68	77	94	103	86
Mathematics and statistics	2,083	2,005	1,895	1,655	1,515	1,555	1,623	1,795	1,982
Physical sciences	2,250	2,088	2,023	1,774	1,874	1,782	1,848	2,023	2,013
Astronomy	79	67	73	65	47	59	67	76	98
Chemistry	1,099	1,068	1,028	929	992	876	905	1,012	886
Physics	866	755	696	585	627	613	642	790	873
Other	206	198	226	195	208	234	234	145	156
Psychology	10,071	10,444	9,820	9,646	9,798	9,315	9,356	9,901	10,141
Social sciences	14,893	14,347	14,083	13,241	12,649	12,515	12,945	14,462	15,097
Anthropology	789	862	839	686	800	705	743	770	779
Area and ethnic studies	999	992	958	898	794	769	720	838	809
Economics	1,205	1,047	1,067	839	840	827	828	927	1,097
History of science	9	12	16	20	18	23	13	17	20
Linguistics	340	364	319	295	284	270	258	290	300
Political science and public administration	8,551	8,185	7,820	7,427	7,005	7,051	7,503	8,353	9,077
Sociology	1,160	1,130	1,165	1,254	1,178	1,183	1,177	1,202	858
Other	1,840	1,755	1,899	1,822	1,730	1,687	1,703	2,065	2,157
Engineering	13,576	12,492	12,085	11,020	10,466	10,404	10,726	11,757	12,267
Aerospace engineering	427	345	297	284	277	310	347	444	500
Chemical engineering	605	541	537	501	487	435	431	455	452
Civil engineering	2,849	2,842	2,777	2,337	2,130	1,931	1,995	2,089	2,245
Electrical engineering	3,165	2,737	2,710	2,474	2,244	2,308	2,433	2,812	2,806
Industrial engineering	1,479	1,360	1,406	1,238	1,290	1,261	1,302	1,361	1,226
Materials engineering	396	350	356	373	295	287	282	304	314
Mechanical engineering	2,119	1,967	1,815	1,630	1,558	1,584	1,618	1,840	2,045

TABLE E-3. Master's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Other	2,536	2,350	2,187	2,183	2,185	2,288	2,318	2,452	2,679
Non-S&E	227,364	234,584	239,634	247,376	244,598	248,568	256,616	272,593	280,636
Asian/Pacific Islander									
All fields	17,281	17,912	19,936	21,412	21,946	22,610	24,184	26,990	28,659
S&E	6,328	6,180	6,554	6,990	7,045	6,814	7,589	8,567	8,823
Sciences	3,707	3,861	4,103	4,611	4,631	4,613	5,145	5,565	5,729
Agricultural sciences	110	103	83	94	97	126	99	111	111
Biological sciences	528	575	591	595	540	537	646	763	793
Computer sciences	1,283	1,322	1,579	2,028	2,053	2,004	2,284	2,330	2,193
Earth, atmospheric, and ocean sciences	37	30	30	22	28	37	28	39	31
Atmospheric sciences	6	4	11	4	5	7	4	5	4
Earth sciences	28	19	15	17	17	25	18	28	26
Ocean sciences	3	7	4	1	6	5	6	6	1
Mathematics and statistics	220	238	216	180	205	214	221	275	324
Physical sciences	267	278	248	240	220	213	231	196	244
Astronomy	7	2	4	5	5	4	7	6	7
Chemistry	180	197	172	172	153	125	157	128	154
Physics	77	73	60	53	56	66	57	60	75
Other	3	6	12	10	6	18	10	2	8
Psychology	322	364	379	472	498	526	525	580	582
Social sciences	940	951	977	980	990	956	1,111	1,271	1,451
Anthropology	27	25	36	39	39	34	42	43	44
Area and ethnic studies	86	91	83	78	101	92	101	93	111
Economics	144	155	127	132	113	119	156	157	185
History of science	0	0	0	0	0	2	2	3	1
Linguistics	41	37	41	42	43	26	32	37	41
Political science and public administration	500	478	534	516	534	512	600	715	854
Sociology	65	69	72	66	70	86	95	106	78
Other	77	96	84	107	90	85	83	117	137
Engineering	2,621	2,319	2,451	2,379	2,414	2,201	2,444	3,002	3,094
Aerospace engineering	48	42	35	26	37	29	42	51	55
Chemical engineering	98	87	123	114	120	96	96	135	106
Civil engineering	381	386	329	283	220	204	241	254	298
Electrical engineering	1,096	911	1,082	1,061	1,026	919	1,049	1,421	1,379
Industrial engineering	196	153	180	192	212	190	275	284	332
Materials engineering	51	62	50	54	55	43	53	53	64
Mechanical engineering	328	293	278	265	358	315	262	347	326
Other	423	385	374	384	386	405	426	457	534
Non-S&E	10,953	11,732	13,382	14,422	14,901	15,796	16,595	18,423	19,836
Black									
All fields	24,588	26,948	28,616	33,305	35,059	36,524	39,582	44,375	46,901
S&E	4,420	4,870	4,894	5,492	6,117	6,133	6,800	7,459	7,607
Sciences	3,746	4,196	4,180	4,834	5,417	5,395	5,973	6,606	6,733
Agricultural sciences	88	96	95	84	96	88	103	102	85
Biological sciences	199	236	190	223	313	288	298	385	375
Computer sciences	435	411	424	580	654	659	881	902	740
Earth, atmospheric, and ocean sciences	11	12	15	7	21	18	18	22	19
Atmospheric sciences	0	2	2	0	4	2	2	3	5
Earth sciences	9	10	13	6	15	15	13	16	13
Ocean sciences	2	0	0	1	2	1	3	3	1
Mathematics and statistics	145	154	142	98	113	113	98	115	135
Physical sciences	105	132	131	117	130	121	113	120	101



TABLE E-3. Master's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Astronomy	1	2	0	0	0	2	1	1	2
Chemistry	65	84	79	65	82	74	76	87	55
Physics	32	39	34	44	41	37	32	27	39
Other	7	7	18	8	7	8	4	5	5
Psychology	870	1,059	1,020	1,346	1,598	1,631	1,801	1,923	2,135
Social sciences	1,893	2,096	2,163	2,379	2,492	2,477	2,661	3,037	3,143
Anthropology	28	29	26	33	37	32	33	31	30
Area and ethnic studies	98	109	104	91	86	108	122	127	135
Economics	96	96	94	71	66	76	67	70	96
History of science	0	1	0	0	1	2	0	0	0
Linguistics	7	12	12	4	14	5	7	3	9
Political science and public administration	1,198	1,386	1,453	1,585	1,754	1,717	1,861	2,057	2,235
Sociology	261	247	220	344	294	285	274	301	205
Other	205	216	254	251	240	252	297	448	433
Engineering	674	674	714	658	700	738	827	853	874
Aerospace engineering	10	9	7	7	10	14	8	11	19
Chemical engineering	33	35	43	34	34	31	43	31	56
Civil engineering	116	109	127	93	102	101	96	76	100
Electrical engineering	192	168	198	183	188	189	226	238	229
Industrial engineering	112	89	111	90	119	142	158	170	152
Materials engineering	9	18	13	15	9	19	14	21	19
Mechanical engineering	85	110	96	91	89	71	79	85	82
Other	117	136	119	145	149	171	203	221	217
Non-S&E	20,168	22,078	23,722	27,813	28,942	30,391	32,782	36,916	39,294
Hispanic									
All fields	15,394	16,360	17,416	20,803	22,163	23,165	25,257	29,498	31,815
S&E	3,090	3,220	3,462	3,746	4,077	4,089	4,381	5,078	5,365
Sciences	2,342	2,455	2,655	2,894	3,239	3,234	3,505	3,948	4,213
Agricultural sciences	95	105	116	133	123	175	132	171	185
Biological sciences	194	214	192	268	310	267	267	330	359
Computer sciences	188	211	219	288	440	333	555	602	462
Earth, atmospheric, and ocean sciences	27	23	20	30	28	35	28	36	47
Atmospheric sciences	1	3	2	2	0	1	2	2	3
Earth sciences	25	18	17	26	25	31	24	32	43
Ocean sciences	1	2	1	2	3	3	2	2	1
Mathematics and statistics	88	63	85	100	72	82	108	113	130
Physical sciences	100	116	129	96	119	136	144	127	144
Astronomy	4	2	0	2	1	2	2	3	2
Chemistry	46	72	84	56	74	72	90	70	84
Physics	39	36	35	34	37	56	41	44	53
Other	11	6	10	4	7	6	11	10	5
Psychology	667	718	787	837	937	953	957	1,085	1,219
Social sciences	983	1,005	1,107	1,142	1,210	1,253	1,314	1,484	1,667
Anthropology	35	37	48	37	45	59	48	58	62
Area and ethnic studies	102	91	96	107	113	121	139	117	151
Economics	64	71	63	67	53	57	79	80	111
History of science	0	1	0	0	1	0	1	0	0
Linguistics	23	24	27	18	27	19	23	26	26
Political science and public administration	593	634	651	701	736	743	800	905	1,023
Sociology	87	69	97	110	116	140	117	139	111
Other	79	78	125	102	119	114	107	159	183
Engineering	748	765	807	852	838	855	876	1,130	1,152
Aerospace engineering	10	20	16	13	11	19	14	21	39
Chemical engineering	43	51	46	39	40	45	39	40	41
Civil engineering	147	159	158	180	168	187	152	163	208

TABLE E-3. Master's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Electrical engineering	208	187	190	211	172	180	242	340	276
Industrial engineering	130	108	150	172	192	204	163	229	239
Materials engineering	21	22	15	15	22	16	6	16	26
Mechanical engineering	98	113	117	99	93	87	117	157	153
Other	91	105	115	123	140	117	143	164	170
Non-S&E	12,304	13,140	13,954	17,057	18,086	19,076	20,876	24,420	26,450
American Indian/Alaskan Native									
All fields	1,693	1,844	1,951	2,099	2,274	2,382	2,546	2,826	2,892
S&E	321	370	372	383	472	420	452	535	486
Sciences	265	317	318	319	412	363	382	450	404
Agricultural sciences	14	18	23	23	18	25	24	23	27
Biological sciences	17	25	21	26	29	34	31	33	29
Computer sciences	26	25	15	32	68	32	42	57	35
Earth, atmospheric, and ocean sciences	5	5	10	9	11	4	9	7	11
Atmospheric sciences	0	0	0	0	0	0	0	0	1
Earth sciences	4	5	8	9	8	4	9	7	10
Ocean sciences	1	0	2	0	3	0	0	0	0
Mathematics and statistics	5	14	9	9	9	8	8	7	9
Physical sciences	5	11	14	9	9	15	12	8	11
Astronomy	0	0	0	0	0	0	1	0	1
Chemistry	3	8	12	5	7	11	5	3	6
Physics	2	2	2	3	2	4	5	5	3
Other	0	1	0	1	0	0	1	0	1
Psychology	78	97	108	69	106	96	104	108	115
Social sciences	115	122	118	142	162	149	152	207	167
Anthropology	12	10	14	14	17	12	11	19	14
Area and ethnic studies	22	21	15	16	20	20	33	27	27
Economics	3	8	5	3	7	10	6	6	10
History of science	0	0	0	0	1	1	0	0	0
Linguistics	2	2	2	1	1	4	1	2	6
Political science and public administration	48	55	49	62	70	74	77	118	90
Sociology	20	16	19	30	28	17	17	17	7
Other	8	10	14	16	18	11	7	18	13
Engineering	56	53	54	64	60	57	70	85	82
Aerospace engineering	5	2	0	0	2	4	2	6	2
Chemical engineering	4	5	1	3	4	2	2	0	4
Civil engineering	9	10	14	14	10	11	13	16	13
Electrical engineering	15	8	9	14	10	13	18	10	20
Industrial engineering	3	6	7	8	15	8	8	19	18
Materials engineering	2	0	0	4	1	2	1	1	1
Mechanical engineering	11	10	13	7	7	6	9	21	6
Other	7	12	10	14	11	11	17	12	18
Non-S&E	1,372	1,474	1,579	1,716	1,802	1,962	2,094	2,291	2,406
Other or unknown race/ethnicity									
All fields	19,013	20,060	19,785	25,844	30,623	36,162	42,106	50,514	48,485
S&E	4,127	3,811	3,685	4,472	5,061	5,757	6,384	7,142	8,200
Sciences	3,037	2,876	2,819	3,532	4,017	4,549	4,997	5,717	6,450
Agricultural sciences	138	138	120	144	165	175	184	215	237
Biological sciences	226	226	262	284	298	318	344	403	468
Computer sciences	427	442	443	603	840	1,129	1,272	1,456	1,354
Earth, atmospheric, and ocean sciences	84	44	37	46	60	48	77	64	89
Atmospheric sciences	8	6	4	1	8	5	3	5	8
Earth sciences	43	34	30	43	46	36	68	54	77

TABLE E-3. Master's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Ocean sciences	33	4	3	2	6	7	6	5	4
Mathematics and statistics	171	132	152	142	136	142	135	207	241
Physical sciences	152	109	135	136	146	169	165	188	222
Astronomy	3	1	5	8	12	10	16	16	12
Chemistry	75	72	71	82	80	102	64	84	104
Physics	66	33	55	42	45	53	74	84	105
Other	8	3	4	4	9	4	11	4	1
Psychology	611	549	572	871	934	1,041	1,061	1,098	1,254
Social sciences	1,228	1,236	1,098	1,306	1,438	1,527	1,759	2,086	2,585
Anthropology	65	57	49	55	66	76	83	72	105
Area and ethnic studies	182	93	84	110	173	159	151	162	212
Economics	108	79	84	97	93	102	201	253	275
History of science	1	2	0	2	0	5	2	2	2
Linguistics	17	34	19	20	25	27	32	40	40
Political science and public administration	690	779	713	820	847	940	1,052	1,253	1,581
Sociology	54	49	49	41	58	55	64	67	90
Other	111	143	100	161	176	163	174	237	280
Engineering	1,090	935	866	940	1,044	1,208	1,387	1,425	1,750
Aerospace engineering	76	23	19	9	23	19	34	46	41
Chemical engineering	37	29	30	30	41	53	46	43	80
Civil engineering	162	158	142	141	150	159	189	184	216
Electrical engineering	318	254	263	288	319	427	435	455	519
Industrial engineering	124	156	150	172	164	153	178	205	211
Materials engineering	22	20	13	22	27	19	25	22	27
Mechanical engineering	165	109	104	120	117	151	154	180	235
Other	186	186	145	158	203	227	326	290	421
Non-S&E	14,886	16,249	16,100	21,372	25,562	30,405	35,722	43,372	40,285
Temporary resident									
All fields	48,250	49,477	52,205	55,571	61,190	63,311	71,376	74,402	72,405
S&E	21,678	21,265	22,623	24,750	27,422	27,550	32,368	35,350	33,462
Sciences	12,682	12,629	13,462	14,927	16,421	16,747	18,994	19,730	18,582
Agricultural sciences	658	658	598	516	471	479	515	646	596
Biological sciences	991	923	900	750	873	805	1,001	1,115	1,213
Computer sciences	3,901	3,973	4,795	6,563	7,745	7,687	9,089	8,820	7,480
Earth, atmospheric, and ocean sciences	249	237	208	195	172	199	206	258	254
Atmospheric sciences	36	34	47	38	24	28	39	44	49
Earth sciences	184	186	133	142	134	150	157	190	182
Ocean sciences	29	17	28	15	14	21	10	24	23
Mathematics and statistics	1,030	993	1,026	1,111	1,230	1,294	1,513	1,785	1,777
Physical sciences	1,485	1,407	1,289	1,140	1,239	1,188	1,189	1,368	1,381
Astronomy	21	19	19	22	28	35	29	48	37
Chemistry	805	767	727	599	621	606	533	672	623
Physics	604	559	519	483	568	524	602	627	698
Other	55	62	24	36	22	23	25	21	23
Psychology	424	402	460	467	464	479	665	603	630
Social sciences	3,944	4,036	4,186	4,185	4,227	4,616	4,816	5,135	5,251
Anthropology	95	91	86	86	88	99	83	105	73
Area and ethnic studies	168	190	210	229	228	228	248	253	236
Economics	1,344	1,348	1,403	1,306	1,320	1,460	1,614	1,708	1,730
History of science	0	2	6	2	5	2	7	3	6
Linguistics	171	169	148	173	158	169	172	176	189
Political science and public administration	1,790	1,851	1,931	1,924	1,983	2,146	2,222	2,365	2,494
Sociology	175	172	152	191	157	191	185	199	169
Other	201	213	250	274	288	321	285	326	354

TABLE E-3. Master's degrees, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Engineering	8,996	8,636	9,161	9,823	11,001	10,803	13,374	15,620	14,880
Aerospace engineering	198	184	210	221	251	287	288	291	290
Chemical engineering	596	597	592	631	642	605	708	802	767
Civil engineering	1,338	1,216	1,189	1,092	1,233	1,354	1,504	1,663	1,551
Electrical engineering	3,162	3,076	3,519	4,108	4,671	4,243	5,672	6,897	6,408
Industrial engineering	983	1,063	1,105	1,176	1,409	1,430	1,765	1,976	1,759
Materials engineering	273	252	251	276	300	244	339	383	339
Mechanical engineering	1,203	1,154	1,128	1,166	1,250	1,305	1,600	1,925	1,914
Other	1,243	1,094	1,167	1,153	1,245	1,335	1,498	1,683	1,852
Non-S&E	26,572	28,212	29,582	30,821	33,768	35,761	39,008	39,052	38,943

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data are not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE E-4. Racial/ethnic distribution of S&E master's degrees awarded to U.S. citizens and permanent residents, by field: 1996–2005

Field and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
<i>White</i>									
All fields	78.4	77.6	76.9	74.2	72.4	71.1	69.6	68.0	68.0
S&E	75.2	74.5	73.4	70.3	68.2	67.6	66.1	65.4	64.8
Sciences	76.1	75.1	74.1	70.6	68.4	67.7	66.2	65.6	65.1
Agricultural sciences	86.8	85.9	86.6	85.7	84.8	83.4	84.2	82.6	82.0
Biological sciences	78.0	77.5	77.0	75.0	73.5	73.9	73.0	70.7	70.6
Computer sciences	64.9	63.0	61.5	55.7	52.8	53.3	50.4	51.5	53.7
Earth, atmospheric, and ocean sciences	86.8	90.5	90.8	90.1	87.6	88.2	87.5	87.2	86.2
Atmospheric sciences	90.8	89.5	87.5	94.1	85.3	86.7	91.4	88.9	89.8
Earth sciences	88.7	91.0	91.5	89.5	88.8	88.9	87.4	87.1	85.1
Ocean sciences	64.6	86.5	89.4	91.4	77.3	82.8	84.7	86.6	92.5
Mathematics and statistics	76.8	76.9	75.8	75.8	73.9	73.6	74.0	71.5	70.3
Physical sciences	78.2	76.4	75.5	74.8	75.0	73.2	73.5	76.0	73.6
Astronomy	84.0	90.5	89.0	81.3	72.3	76.6	71.3	74.5	80.3
Chemistry	74.9	71.2	71.1	71.0	71.5	69.5	69.8	73.1	68.7
Physics	80.0	80.5	78.9	76.9	77.6	73.9	75.4	78.2	76.0
Other	87.7	89.6	83.7	87.8	87.8	86.7	86.3	87.3	88.6
Psychology	79.8	78.9	77.4	72.8	70.6	68.7	67.8	67.4	65.7
Social sciences	74.3	72.6	72.1	69.0	66.8	66.3	64.9	64.1	62.6
Anthropology	82.5	84.5	82.9	79.4	79.7	76.8	77.4	77.5	75.3
Area and ethnic studies	67.1	71.0	71.5	69.1	61.7	60.6	56.9	61.4	56.0
Economics	74.4	71.9	74.1	69.4	71.7	69.4	61.9	62.1	61.8
History of science	90.0	75.0	100.0	90.9	85.7	69.7	72.2	77.3	87.0
Linguistics	79.1	77.0	76.0	77.6	72.1	76.9	73.1	72.9	71.1
Political science and public administration	73.8	71.1	69.7	66.8	64.0	63.9	63.1	62.3	61.1
Sociology	70.4	71.5	71.8	68.0	67.5	67.0	67.5	65.6	63.6
Other	79.3	76.4	76.7	74.1	72.9	73.0	71.8	67.8	67.3
Engineering	72.3	72.5	71.2	69.3	67.4	67.3	65.7	64.4	63.8
Aerospace engineering	74.1	78.2	79.4	83.8	76.9	78.5	77.6	76.7	76.2
Chemical engineering	73.8	72.3	68.8	69.5	67.1	65.7	65.6	64.6	61.2
Civil engineering	77.8	77.6	78.3	76.7	76.6	74.5	74.3	75.1	72.9
Electrical engineering	63.4	64.2	60.9	58.5	56.7	57.2	55.3	53.3	53.7
Industrial engineering	72.4	72.6	70.2	66.1	64.8	64.4	62.5	60.0	56.3
Materials engineering	79.0	74.2	79.6	77.2	72.1	74.4	74.0	72.9	69.6
Mechanical engineering	75.5	75.6	74.9	73.7	70.1	71.5	72.3	70.0	71.8
Other	75.5	74.0	74.1	72.6	71.1	71.1	67.5	68.2	66.3
Non-S&E	79.2	78.4	77.7	75.0	73.3	71.8	70.4	68.5	68.6
<i>Asian/Pacific Islander</i>									
All fields	4.8	4.8	5.3	5.3	5.4	5.4	5.5	5.6	5.8
S&E	8.6	8.6	9.2	9.9	9.8	9.5	10.0	10.3	10.2
Sciences	6.8	7.0	7.6	8.4	8.3	8.2	8.7	8.6	8.5
Agricultural sciences	3.3	3.2	2.5	2.8	3.0	3.6	2.9	3.1	3.1
Biological sciences	10.0	10.1	10.8	10.7	9.6	9.7	11.0	11.7	11.5
Computer sciences	19.1	20.3	22.7	25.5	23.9	22.5	22.5	21.1	21.2
Earth, atmospheric, and ocean sciences	3.0	2.5	2.5	1.9	2.4	3.1	2.2	3.0	2.2
Atmospheric sciences	3.7	2.8	7.2	3.4	4.3	6.2	3.1	3.7	1.9
Earth sciences	2.9	2.0	1.5	1.8	1.7	2.5	1.7	2.6	2.3
Ocean sciences	2.7	7.3	4.3	1.4	6.8	5.4	5.4	5.0	1.1
Mathematics and statistics	8.1	9.1	8.6	8.2	10.0	10.1	10.1	10.9	11.5
Physical sciences	9.3	10.2	9.3	10.1	8.8	8.7	9.2	7.4	8.9
Astronomy	7.4	2.7	4.9	6.3	7.7	5.2	7.4	5.9	5.7

TABLE E-4. Racial/ethnic distribution of S&E master's degrees awarded to U.S. citizens and permanent residents, by field: 1996–2005

Field and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Chemistry	12.3	13.1	11.9	13.1	11.0	9.9	12.1	9.2	11.9
Physics	7.1	7.8	6.8	7.0	6.9	8.0	6.7	5.9	6.5
Other	1.3	2.7	4.4	4.5	2.5	6.7	3.7	1.2	4.5
Psychology	2.6	2.8	3.0	3.6	3.6	3.9	3.8	3.9	3.8
Social sciences	4.7	4.8	5.0	5.1	5.2	5.1	5.6	5.6	6.0
Anthropology	2.8	2.5	3.6	4.5	3.9	3.7	4.4	4.3	4.3
Area and ethnic studies	5.8	6.5	6.2	6.0	7.8	7.2	8.0	6.8	7.7
Economics	8.9	10.6	8.8	10.9	9.6	10.0	11.7	10.5	10.4
History of science	0.0	0.0	0.0	0.0	0.0	6.1	11.1	13.6	4.3
Linguistics	9.5	7.8	9.8	11.1	10.9	7.4	9.1	9.3	9.7
Political science and public administration	4.3	4.2	4.8	4.6	4.9	4.6	5.0	5.3	5.7
Sociology	3.9	4.4	4.4	3.6	4.0	4.9	5.4	5.8	5.8
Other	3.3	4.2	3.4	4.4	3.8	3.7	3.5	3.8	4.3
Engineering	14.0	13.5	14.4	15.0	15.6	14.2	15.0	16.4	16.1
Aerospace engineering	8.3	9.5	9.4	7.7	10.3	7.3	9.4	8.8	8.4
Chemical engineering	12.0	11.6	15.8	15.8	16.5	14.5	14.6	19.2	14.3
Civil engineering	10.4	10.5	9.3	9.3	7.9	7.9	9.0	9.1	9.7
Electrical engineering	21.9	21.4	24.3	25.1	25.9	22.8	23.8	26.9	26.4
Industrial engineering	9.6	8.2	9.0	10.3	10.6	9.7	13.2	12.5	15.2
Materials engineering	10.2	13.1	11.2	11.2	13.4	11.1	13.9	12.7	14.2
Mechanical engineering	11.7	11.3	11.5	12.0	16.1	14.2	11.7	13.2	11.5
Other	12.6	12.1	12.7	12.8	12.6	12.6	12.4	12.7	13.2
Non-S&E	3.8	3.9	4.3	4.4	4.5	4.6	4.6	4.6	4.9
Black									
All fields	6.8	7.3	7.5	8.3	8.6	8.7	9.0	9.2	9.5
S&E	6.0	6.7	6.9	7.7	8.5	8.6	9.0	9.0	8.8
Sciences	6.8	7.6	7.7	8.8	9.7	9.6	10.1	10.2	10.0
Agricultural sciences	2.6	2.9	2.9	2.5	2.9	2.5	3.0	2.9	2.4
Biological sciences	3.8	4.2	3.5	4.0	5.6	5.2	5.1	5.9	5.4
Computer sciences	6.5	6.3	6.1	7.3	7.6	7.4	8.7	8.2	7.2
Earth, atmospheric, and ocean sciences	0.9	1.0	1.2	0.6	1.8	1.5	1.4	1.7	1.3
Atmospheric sciences	0.0	1.4	1.3	0.0	3.4	1.8	1.6	2.2	2.4
Earth sciences	0.9	1.0	1.3	0.6	1.5	1.5	1.2	1.5	1.1
Ocean sciences	1.8	0.0	0.0	1.4	2.3	1.1	2.7	2.5	1.1
Mathematics and statistics	5.3	5.9	5.7	4.5	5.5	5.3	4.5	4.6	4.8
Physical sciences	3.6	4.8	4.9	4.9	5.2	5.0	4.5	4.5	3.7
Astronomy	1.1	2.7	0.0	0.0	0.0	2.6	1.1	1.0	1.6
Chemistry	4.4	5.6	5.5	5.0	5.9	5.9	5.9	6.3	4.3
Physics	3.0	4.2	3.9	5.8	5.1	4.5	3.8	2.7	3.4
Other	3.0	3.2	6.7	3.6	3.0	3.0	1.5	3.0	2.8
Psychology	6.9	8.0	8.0	10.2	11.5	12.0	13.0	13.1	13.8
Social sciences	9.4	10.6	11.1	12.4	13.2	13.1	13.3	13.5	13.0
Anthropology	2.9	2.8	2.6	3.8	3.7	3.5	3.4	3.1	2.9
Area and ethnic studies	6.6	7.8	7.8	7.0	6.7	8.5	9.6	9.3	9.3
Economics	5.9	6.6	6.5	5.9	5.6	6.4	5.0	4.7	5.4
History of science	0.0	6.3	0.0	0.0	4.8	6.1	0.0	0.0	0.0
Linguistics	1.6	2.5	2.9	1.1	3.6	1.4	2.0	0.8	2.1
Political science and public administration	10.3	12.0	13.0	14.3	16.0	15.6	15.6	15.3	15.0
Sociology	15.8	15.6	13.6	18.6	16.9	16.1	15.7	16.4	15.2
Other	8.8	9.4	10.3	10.2	10.1	10.9	12.5	14.7	13.5
Engineering	3.6	3.9	4.2	4.1	4.5	4.8	5.1	4.7	4.5
Aerospace engineering	1.7	2.0	1.9	2.1	2.8	3.5	1.8	1.9	2.9

TABLE E-4. Racial/ethnic distribution of S&E master's degrees awarded to U.S. citizens and permanent residents, by field: 1996–2005

(Percent)									
Field and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Chemical engineering	4.0	4.7	5.5	4.7	4.7	4.7	6.5	4.4	7.6
Civil engineering	3.2	3.0	3.6	3.1	3.7	3.9	3.6	2.7	3.2
Electrical engineering	3.8	3.9	4.4	4.3	4.7	4.7	5.1	4.5	4.4
Industrial engineering	5.5	4.8	5.5	4.8	6.0	7.3	7.6	7.5	7.0
Materials engineering	1.8	3.8	2.9	3.1	2.2	4.9	3.7	5.0	4.2
Mechanical engineering	3.0	4.2	4.0	4.1	4.0	3.2	3.5	3.2	2.9
Other	3.5	4.3	4.0	4.8	4.8	5.3	5.9	6.1	5.4
Non-S&E	7.0	7.4	7.7	8.4	8.7	8.8	9.0	9.3	9.6
Hispanic									
All fields	4.3	4.4	4.6	5.2	5.5	5.5	5.7	6.1	6.4
S&E	4.2	4.5	4.9	5.3	5.7	5.7	5.8	6.1	6.2
Sciences	4.3	4.5	4.9	5.3	5.8	5.8	5.9	6.1	6.3
Agricultural sciences	2.8	3.2	3.6	4.0	3.7	4.9	3.8	4.8	5.2
Biological sciences	3.7	3.8	3.5	4.8	5.5	4.8	4.5	5.1	5.2
Computer sciences	2.8	3.2	3.1	3.6	5.1	3.7	5.5	5.5	4.5
Earth, atmospheric, and ocean sciences	2.2	1.9	1.6	2.6	2.4	2.9	2.2	2.7	3.3
Atmospheric sciences	0.6	2.1	1.3	1.7	0.0	0.9	1.6	1.5	1.5
Earth sciences	2.6	1.9	1.7	2.7	2.5	3.1	2.3	3.0	3.8
Ocean sciences	0.9	2.1	1.1	2.9	3.4	3.2	1.8	1.7	1.1
Mathematics and statistics	3.2	2.4	3.4	4.6	3.5	3.9	4.9	4.5	4.6
Physical sciences	3.5	4.2	4.8	4.0	4.8	5.6	5.7	4.8	5.3
Astronomy	4.3	2.7	0.0	2.5	1.5	2.6	2.1	2.9	1.6
Chemistry	3.1	4.8	5.8	4.3	5.3	5.7	6.9	5.1	6.5
Physics	3.6	3.8	4.0	4.5	4.6	6.8	4.8	4.4	4.6
Other	4.7	2.7	3.7	1.8	3.0	2.2	4.1	6.0	2.8
Psychology	5.3	5.4	6.2	6.3	6.8	7.0	6.9	7.4	7.9
Social sciences	4.9	5.1	5.7	6.0	6.4	6.6	6.6	6.6	6.9
Anthropology	3.7	3.6	4.7	4.3	4.5	6.4	5.0	5.8	6.0
Area and ethnic studies	6.9	6.5	7.2	8.2	8.8	9.5	11.0	8.6	10.4
Economics	4.0	4.9	4.4	5.5	4.5	4.8	5.9	5.4	6.3
History of science	0.0	6.3	0.0	0.0	4.8	0.0	5.6	0.0	0.0
Linguistics	5.3	5.1	6.4	4.7	6.9	5.4	6.5	6.5	6.2
Political science and public administration	5.1	5.5	5.8	6.3	6.7	6.7	6.7	6.8	6.9
Sociology	5.3	4.4	6.0	6.0	6.7	7.9	6.7	7.6	8.2
Other	3.4	3.4	5.0	4.1	5.0	4.9	4.5	5.2	5.7
Engineering	4.0	4.4	4.8	5.4	5.4	5.5	5.4	6.2	6.0
Aerospace engineering	1.7	4.5	4.3	3.8	3.1	4.8	3.1	3.6	5.9
Chemical engineering	5.2	6.8	5.9	5.4	5.5	6.8	5.9	5.7	5.5
Civil engineering	4.0	4.3	4.5	5.9	6.0	7.2	5.7	5.9	6.8
Electrical engineering	4.2	4.4	4.3	5.0	4.3	4.5	5.5	6.4	5.3
Industrial engineering	6.4	5.8	7.5	9.2	9.6	10.4	7.8	10.1	11.0
Materials engineering	4.2	4.7	3.4	3.1	5.4	4.1	1.6	3.8	5.8
Mechanical engineering	3.5	4.3	4.8	4.5	4.2	3.9	5.2	6.0	5.4
Other	2.7	3.3	3.9	4.1	4.6	3.6	4.2	4.6	4.2
Non-S&E	4.3	4.4	4.5	5.2	5.4	5.5	5.7	6.1	6.5
American Indian/Alaskan Native									
All fields	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
S&E	0.4	0.5	0.5	0.5	0.7	0.6	0.6	0.6	0.6
Sciences	0.5	0.6	0.6	0.6	0.7	0.6	0.6	0.7	0.6
Agricultural sciences	0.4	0.6	0.7	0.7	0.5	0.7	0.7	0.6	0.8
Biological sciences	0.3	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.4

TABLE E-4. Racial/ethnic distribution of S&E master's degrees awarded to U.S. citizens and permanent residents, by field: 1996–2005  
(Percent)

Field and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Computer sciences	0.4	0.4	0.2	0.4	0.8	0.4	0.4	0.5	0.3
Earth, atmospheric, and ocean sciences	0.4	0.4	0.8	0.8	0.9	0.3	0.7	0.5	0.8
Atmospheric sciences	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Earth sciences	0.4	0.5	0.8	0.9	0.8	0.4	0.9	0.7	0.9
Ocean sciences	0.9	0.0	2.1	0.0	3.4	0.0	0.0	0.0	0.0
Mathematics and statistics	0.2	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
Physical sciences	0.2	0.4	0.5	0.4	0.4	0.6	0.5	0.3	0.4
Astronomy	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.8
Chemistry	0.2	0.5	0.8	0.4	0.5	0.9	0.4	0.2	0.5
Physics	0.2	0.2	0.2	0.4	0.2	0.5	0.6	0.5	0.3
Other	0.0	0.5	0.0	0.5	0.0	0.0	0.4	0.0	0.6
Psychology	0.6	0.7	0.9	0.5	0.8	0.7	0.8	0.7	0.7
Social sciences	0.6	0.6	0.6	0.7	0.9	0.8	0.8	0.9	0.7
Anthropology	1.3	1.0	1.4	1.6	1.7	1.3	1.1	1.9	1.4
Area and ethnic studies	1.5	1.5	1.1	1.2	1.6	1.6	2.6	2.0	1.9
Economics	0.2	0.5	0.3	0.2	0.6	0.8	0.4	0.4	0.6
History of science	0.0	0.0	0.0	0.0	4.8	3.0	0.0	0.0	0.0
Linguistics	0.5	0.4	0.5	0.3	0.3	1.1	0.3	0.5	1.4
Political science and public administration	0.4	0.5	0.4	0.6	0.6	0.7	0.6	0.9	0.6
Sociology	1.2	1.0	1.2	1.6	1.6	1.0	1.0	0.9	0.5
Other	0.3	0.4	0.6	0.7	0.8	0.5	0.3	0.6	0.4
Engineering	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.4
Aerospace engineering	0.9	0.5	0.0	0.0	0.6	1.0	0.4	1.0	0.3
Chemical engineering	0.5	0.7	0.1	0.4	0.6	0.3	0.3	0.0	0.5
Civil engineering	0.2	0.3	0.4	0.5	0.4	0.4	0.5	0.6	0.4
Electrical engineering	0.3	0.2	0.2	0.3	0.3	0.3	0.4	0.2	0.4
Industrial engineering	0.1	0.3	0.3	0.4	0.8	0.4	0.4	0.8	0.8
Materials engineering	0.4	0.0	0.0	0.8	0.2	0.5	0.3	0.2	0.2
Mechanical engineering	0.4	0.4	0.5	0.3	0.3	0.3	0.4	0.8	0.2
Other	0.2	0.4	0.3	0.5	0.4	0.3	0.5	0.3	0.4
Non-S&E	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
Other or unknown race/ethnicity									
All fields	5.3	5.4	5.2	6.4	7.6	8.7	9.6	10.5	9.8
S&E	5.6	5.3	5.2	6.3	7.1	8.0	8.5	8.6	9.5
Sciences	5.5	5.2	5.2	6.4	7.2	8.1	8.4	8.8	9.6
Agricultural sciences	4.1	4.2	3.7	4.3	5.0	4.9	5.3	6.0	6.6
Biological sciences	4.3	4.0	4.8	5.1	5.3	5.8	5.9	6.2	6.8
Computer sciences	6.4	6.8	6.4	7.6	9.8	12.7	12.5	13.2	13.1
Earth, atmospheric, and ocean sciences	6.8	3.7	3.0	4.0	5.0	4.0	6.0	4.9	6.2
Atmospheric sciences	4.9	4.2	2.6	0.8	6.9	4.4	2.3	3.7	3.9
Earth sciences	4.5	3.5	3.1	4.5	4.7	3.6	6.5	5.1	6.8
Ocean sciences	29.2	4.2	3.2	2.9	6.8	7.5	5.4	4.2	4.3
Mathematics and statistics	6.3	5.1	6.1	6.5	6.6	6.7	6.2	8.2	8.5
Physical sciences	5.3	4.0	5.0	5.7	5.8	6.9	6.6	7.1	8.1
Astronomy	3.2	1.4	6.1	10.0	18.5	13.0	17.0	15.7	9.8
Chemistry	5.1	4.8	4.9	6.3	5.8	8.1	4.9	6.1	8.1
Physics	6.1	3.5	6.2	5.5	5.6	6.4	8.7	8.3	9.1
Other	3.4	1.4	1.5	1.8	3.8	1.5	4.1	2.4	0.6
Psychology	4.8	4.1	4.5	6.6	6.7	7.7	7.7	7.5	8.1
Social sciences	6.1	6.3	5.6	6.8	7.6	8.1	8.8	9.3	10.7
Anthropology	6.8	5.6	4.8	6.4	6.6	8.3	8.6	7.3	10.2



TABLE E-4. Racial/ethnic distribution of S&E master's degrees awarded to U.S. citizens and permanent residents, by field: 1996–2005  
(Percent)

Field and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Area and ethnic studies	12.2	6.7	6.3	8.5	13.4	12.5	11.9	11.9	14.7
Economics	6.7	5.4	5.8	8.0	7.9	8.6	15.0	16.9	15.5
History of science	10.0	12.5	0.0	9.1	0.0	15.2	11.1	9.1	8.7
Linguistics	4.0	7.2	4.5	5.3	6.3	7.7	9.1	10.1	9.5
Political science and public administration	6.0	6.8	6.4	7.4	7.7	8.5	8.8	9.4	10.6
Sociology	3.3	3.1	3.0	2.2	3.3	3.1	3.7	3.7	6.7
Other	4.8	6.2	4.0	6.5	7.4	7.1	7.3	7.8	8.7
Engineering	5.8	5.4	5.1	5.9	6.7	7.8	8.5	7.8	9.1
Aerospace engineering	13.2	5.2	5.1	2.7	6.4	4.8	7.6	7.9	6.3
Chemical engineering	4.5	3.9	3.8	4.2	5.6	8.0	7.0	6.1	10.8
Civil engineering	4.4	4.3	4.0	4.6	5.4	6.1	7.0	6.6	7.0
Electrical engineering	6.4	6.0	5.9	6.8	8.1	10.6	9.9	8.6	9.9
Industrial engineering	6.1	8.3	7.5	9.2	8.2	7.8	8.5	9.0	9.7
Materials engineering	4.4	4.2	2.9	4.6	6.6	4.9	6.6	5.3	6.0
Mechanical engineering	5.9	4.2	4.3	5.4	5.3	6.8	6.9	6.8	8.3
Other	5.5	5.9	4.9	5.3	6.6	7.1	9.5	8.1	10.4
Non-S&E	5.2	5.4	5.2	6.5	7.7	8.8	9.8	10.9	9.9

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data are not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
All fields	228,572	239,497	246,810	265,026	273,639	283,035	300,845	328,202	337,818
S&E	37,453	38,262	38,583	41,470	43,393	43,472	46,711	51,672	53,051
Sciences	32,701	33,567	33,420	36,130	37,765	37,898	40,527	44,537	45,444
Agricultural sciences	1,707	1,695	1,709	1,819	1,837	1,997	2,059	2,256	2,220
Biological sciences	3,341	3,518	3,354	3,510	3,755	3,669	4,018	4,487	4,870
Computer sciences	2,850	2,979	3,414	4,868	5,508	5,499	6,091	6,195	5,078
Earth, atmospheric, and ocean sciences	436	487	494	513	564	572	612	701	712
Atmospheric sciences	35	42	52	37	40	46	55	67	70
Earth sciences	347	393	397	434	472	473	501	566	577
Ocean sciences	54	52	45	42	52	53	56	68	65
Mathematics and statistics	1,506	1,489	1,470	1,498	1,389	1,471	1,677	1,950	2,011
Physical sciences	1,450	1,333	1,440	1,215	1,301	1,326	1,324	1,513	1,529
Astronomy	27	32	30	25	36	27	42	53	62
Chemistry	998	927	998	823	825	852	829	950	939
Physics	301	255	255	244	286	286	313	413	427
Other	124	119	157	123	154	161	140	97	101
Psychology	9,373	9,918	9,540	10,293	10,858	10,672	11,100	11,950	12,632
Social sciences	12,038	12,148	11,999	12,414	12,553	12,692	13,646	15,485	16,392
Anthropology	631	712	686	587	689	642	655	721	737
Area and ethnic studies	856	845	842	879	896	879	888	961	988
Economics	1,002	953	944	952	973	1,050	1,161	1,252	1,391
History of science	4	7	7	6	10	17	10	14	12
Linguistics	393	418	389	407	380	360	380	410	433
Political science and public administration	6,654	6,691	6,566	6,720	6,841	6,978	7,723	8,828	9,756
Sociology	1,180	1,142	1,118	1,387	1,258	1,315	1,296	1,358	1,033
Other	1,318	1,380	1,447	1,476	1,506	1,451	1,533	1,941	2,042
Engineering	4,752	4,695	5,163	5,340	5,628	5,574	6,184	7,135	7,607
Aerospace engineering	92	75	81	76	90	125	107	149	164
Chemical engineering	306	332	344	344	352	335	343	417	425
Civil engineering	1,064	1,099	1,154	1,075	1,061	1,063	1,148	1,211	1,322
Electrical engineering	1,196	1,144	1,376	1,558	1,673	1,561	1,902	2,385	2,470
Industrial engineering	624	604	676	648	789	795	844	906	919
Materials engineering	175	174	170	201	173	171	183	199	204
Mechanical engineering	454	419	461	455	448	468	459	563	598
Other	841	848	901	983	1,042	1,056	1,198	1,305	1,505
Non-S&E	191,119	201,235	208,227	223,556	230,246	239,563	254,134	276,530	284,767
U.S. citizen/permanent resident									
All fields	210,372	220,221	226,085	242,244	248,590	256,938	272,030	298,321	307,845
S&E	31,300	31,983	31,669	33,169	34,334	34,383	36,238	40,335	42,036
Sciences	27,940	28,737	28,229	29,856	30,961	30,941	32,702	36,357	37,743
Agricultural sciences	1,447	1,448	1,466	1,601	1,611	1,751	1,804	1,932	1,931
Biological sciences	2,810	3,010	2,850	3,051	3,248	3,177	3,431	3,829	4,125
Computer sciences	1,853	1,867	2,020	2,546	2,774	2,871	3,124	3,461	2,853
Earth, atmospheric, and ocean sciences	374	421	443	456	495	497	544	603	614
Atmospheric sciences	20	32	37	22	28	33	38	50	52
Earth sciences	311	341	364	396	420	419	453	496	506
Ocean sciences	43	48	42	38	47	45	53	57	56
Mathematics and statistics	1,147	1,142	1,100	1,011	888	936	966	1,103	1,211
Physical sciences	964	894	972	832	893	913	944	1,021	1,058
Astronomy	23	28	27	20	28	21	33	38	55
Chemistry	631	602	646	551	559	567	593	635	639

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Physics	195	158	151	151	163	173	181	260	272
Other	115	106	148	110	143	152	137	88	92
Psychology	9,070	9,641	9,193	9,947	10,521	10,325	10,585	11,488	12,147
Social sciences	10,275	10,314	10,185	10,412	10,531	10,471	11,304	12,920	13,804
Anthropology	573	658	634	530	628	582	615	652	694
Area and ethnic studies	779	731	734	736	756	728	738	812	834
Economics	518	486	454	439	434	458	497	557	676
History of science	4	7	6	4	7	16	8	11	8
Linguistics	284	312	293	273	272	244	255	282	299
Political science and public administration	5,812	5,817	5,687	5,837	5,925	5,975	6,640	7,623	8,499
Sociology	1,075	1,035	1,044	1,252	1,165	1,180	1,162	1,211	920
Other	1,230	1,268	1,333	1,341	1,344	1,288	1,389	1,772	1,874
Engineering	3,360	3,246	3,440	3,313	3,373	3,442	3,536	3,978	4,293
Aerospace engineering	72	60	58	51	60	78	67	114	119
Chemical engineering	202	200	219	201	208	192	190	219	226
Civil engineering	836	877	898	819	787	758	787	835	914
Electrical engineering	691	614	688	690	642	715	720	874	868
Industrial engineering	445	431	470	402	507	501	519	580	614
Materials engineering	118	113	110	130	105	110	106	115	128
Mechanical engineering	341	321	345	299	311	323	287	364	389
Other	655	630	652	721	753	765	860	877	1,035
Non-S&E	179,072	188,238	194,416	209,075	214,256	222,555	235,792	257,986	265,809
White									
All fields	165,154	170,411	173,498	179,311	179,684	182,078	188,555	201,469	207,943
S&E	23,175	23,213	22,717	22,749	22,792	22,558	23,336	25,546	26,385
Sciences	20,985	21,108	20,496	20,712	20,751	20,462	21,265	23,284	23,993
Agricultural sciences	1,238	1,211	1,251	1,350	1,328	1,453	1,483	1,580	1,542
Biological sciences	2,165	2,275	2,196	2,278	2,381	2,324	2,471	2,709	2,889
Computer sciences	1,015	965	1,027	1,162	1,163	1,255	1,308	1,396	1,254
Earth, atmospheric, and ocean sciences	331	378	391	410	422	439	473	521	523
Atmospheric sciences	19	25	27	20	23	27	33	43	46
Earth sciences	275	309	329	355	365	371	394	429	426
Ocean sciences	37	44	35	35	34	41	46	49	51
Mathematics and statistics	864	860	815	753	652	683	713	775	829
Physical sciences	707	623	694	597	645	628	673	738	763
Astronomy	19	25	25	17	22	16	23	24	44
Chemistry	439	391	431	367	375	366	396	442	432
Physics	150	112	117	117	126	114	134	196	206
Other	99	95	121	96	122	132	120	76	81
Psychology	7,181	7,557	7,049	7,240	7,343	7,019	7,097	7,670	7,920
Social sciences	7,484	7,239	7,073	6,922	6,817	6,661	7,047	7,895	8,273
Anthropology	471	553	523	413	493	438	472	491	520
Area and ethnic studies	535	508	507	490	451	424	387	481	448
Economics	379	332	318	289	314	324	285	324	389
History of science	4	5	6	4	7	10	4	7	6
Linguistics	224	232	217	210	194	188	186	205	206
Political science and public administration	4,144	3,893	3,745	3,702	3,620	3,588	3,963	4,456	4,921
Sociology	772	757	753	851	788	800	794	790	586
Other	955	959	1,004	963	950	889	956	1,141	1,197
Engineering	2,190	2,105	2,221	2,037	2,041	2,096	2,071	2,262	2,392
Aerospace engineering	52	42	46	39	39	59	58	83	92
Chemical engineering	136	123	131	127	113	107	113	125	124
Civil engineering	605	648	672	593	564	545	543	584	614
Electrical engineering	340	307	299	285	276	314	289	313	278

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Industrial engineering	303	280	310	233	284	282	281	323	296
Materials engineering	85	74	75	89	75	74	72	69	81
Mechanical engineering	233	214	235	204	199	217	183	239	267
Other	436	417	453	467	491	498	532	526	640
Non-S&E	141,979	147,198	150,781	156,562	156,892	159,520	165,219	175,923	181,558
Asian/Pacific Islander									
All fields	8,404	9,327	10,298	11,307	11,802	12,292	13,251	14,639	15,713
S&E	2,428	2,575	2,678	3,045	3,033	3,001	3,318	3,735	3,948
Sciences	1,807	2,014	2,050	2,385	2,406	2,425	2,651	2,932	3,030
Agricultural sciences	61	72	40	58	63	84	63	68	76
Biological sciences	286	324	294	304	305	304	371	429	438
Computer sciences	473	530	629	860	860	812	877	939	830
Earth, atmospheric, and ocean sciences	13	15	18	10	12	16	15	20	17
Atmospheric sciences	1	2	6	2	1	4	1	2	2
Earth sciences	10	12	9	8	8	10	12	15	14
Ocean sciences	2	1	3	0	3	2	2	3	1
Mathematics and statistics	101	116	105	94	104	99	107	147	174
Physical sciences	123	125	110	98	94	98	100	84	106
Astronomy	2	0	1	2	2	2	2	4	4
Chemistry	103	106	93	79	77	71	79	57	77
Physics	16	17	11	12	10	17	13	22	20
Other	2	2	5	5	5	8	6	1	5
Psychology	244	279	289	365	372	411	418	446	455
Social sciences	506	553	565	596	596	601	700	799	934
Anthropology	18	15	23	28	29	28	25	33	30
Area and ethnic studies	51	56	54	53	62	56	74	61	80
Economics	53	69	49	67	40	51	71	71	103
History of science	0	0	0	0	0	2	2	3	0
Linguistics	29	27	33	31	34	21	26	27	31
Political science and public administration	275	278	309	304	327	328	374	443	548
Sociology	36	48	44	45	41	60	72	83	54
Other	44	60	53	68	63	55	56	78	88
Engineering	621	561	628	660	627	576	667	803	918
Aerospace engineering	7	7	4	7	8	6	3	11	10
Chemical engineering	28	28	42	34	46	38	32	50	31
Civil engineering	117	123	105	99	84	76	90	97	119
Electrical engineering	224	195	264	277	239	210	263	349	394
Industrial engineering	42	43	39	45	66	56	73	73	118
Materials engineering	18	20	21	21	17	16	21	24	18
Mechanical engineering	59	50	50	42	46	56	47	52	55
Other	126	95	103	135	121	118	138	147	173
Non-S&E	5,976	6,752	7,620	8,262	8,769	9,291	9,933	10,904	11,765
Black									
All fields	16,590	18,504	19,509	22,996	24,658	26,011	28,314	31,789	33,687
S&E	2,520	2,887	2,828	3,294	3,855	3,855	4,247	4,808	4,916
Sciences	2,310	2,662	2,584	3,087	3,609	3,590	3,966	4,524	4,634
Agricultural sciences	39	40	59	47	51	49	65	59	59
Biological sciences	122	167	122	150	221	200	190	270	279
Computer sciences	201	182	162	255	309	294	364	405	288
Earth, atmospheric, and ocean sciences	5	5	5	5	10	6	9	12	7
Atmospheric sciences	0	1	1	0	1	0	0	2	1

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Earth sciences	4	4	4	4	8	6	9	8	5
Ocean sciences	1	0	0	1	1	0	0	2	1
Mathematics and statistics	71	79	77	52	48	64	49	52	60
Physical sciences	52	65	60	54	59	65	52	67	54
Astronomy	1	1	0	0	0	0	1	0	2
Chemistry	35	45	37	40	42	47	40	54	38
Physics	12	13	10	9	13	12	9	10	11
Other	4	6	13	5	4	6	2	3	3
Psychology	647	814	766	1,035	1,297	1,288	1,457	1,566	1,760
Social sciences	1,173	1,310	1,333	1,489	1,614	1,624	1,780	2,093	2,127
Anthropology	16	19	19	24	31	24	27	23	25
Area and ethnic studies	66	68	62	57	61	76	83	83	87
Economics	39	36	39	23	25	28	28	34	35
History of science	0	1	0	0	0	1	0	0	0
Linguistics	4	9	11	3	7	4	5	2	6
Political science and public administration	739	882	903	988	1,128	1,131	1,264	1,447	1,509
Sociology	171	154	142	234	193	188	173	203	150
Other	138	141	157	160	169	172	200	301	315
Engineering	210	225	244	207	246	265	281	284	282
Aerospace engineering	1	0	1	0	2	0	0	1	2
Chemical engineering	16	23	19	15	19	12	20	14	24
Civil engineering	42	40	45	34	41	38	43	29	37
Electrical engineering	48	47	53	40	49	50	45	58	46
Industrial engineering	43	39	48	41	50	64	71	66	66
Materials engineering	5	5	7	6	2	12	7	11	9
Mechanical engineering	17	21	28	19	26	17	19	19	15
Other	38	50	43	52	57	72	76	86	83
Non-S&E	14,070	15,617	16,681	19,702	20,803	22,156	24,067	26,981	28,771
Hispanic									
All fields	9,322	9,894	10,568	12,799	13,925	14,736	16,140	19,066	20,841
S&E	1,426	1,502	1,667	1,836	2,119	2,116	2,269	2,659	2,839
Sciences	1,258	1,326	1,489	1,635	1,898	1,864	2,043	2,349	2,524
Agricultural sciences	40	54	58	74	74	85	87	98	107
Biological sciences	109	104	95	146	168	141	160	177	229
Computer sciences	51	59	77	89	156	105	189	211	127
Earth, atmospheric, and ocean sciences	10	8	8	12	18	19	7	16	26
Atmospheric sciences	0	2	1	0	0	1	1	1	1
Earth sciences	9	5	6	10	15	17	4	15	24
Ocean sciences	1	1	1	2	3	1	2	0	1
Mathematics and statistics	33	17	39	41	32	30	41	49	60
Physical sciences	37	45	54	37	39	52	58	54	56
Astronomy	0	2	0	0	0	0	2	1	1
Chemistry	26	33	42	29	30	33	43	37	39
Physics	5	9	5	6	4	16	7	10	13
Other	6	1	7	2	5	3	6	6	3
Psychology	495	518	578	607	701	716	736	863	951
Social sciences	483	521	580	629	710	716	765	881	968
Anthropology	23	27	34	21	27	39	28	37	39
Area and ethnic studies	46	43	50	62	67	60	83	75	85
Economics	18	20	17	23	23	19	28	26	38
History of science	0	0	0	0	0	0	0	0	0
Linguistics	16	19	16	15	21	14	18	19	23
Political science and public administration	291	336	337	383	426	423	463	535	596

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Sociology	49	42	60	69	84	84	74	83	69
Other	40	34	66	56	62	77	71	106	118
Engineering	168	176	178	201	221	252	226	310	315
Aerospace engineering	0	4	5	2	3	7	2	8	7
Chemical engineering	14	19	18	15	15	18	15	16	19
Civil engineering	46	36	42	59	51	58	51	61	73
Electrical engineering	30	25	28	34	25	46	35	75	53
Industrial engineering	34	32	42	46	68	70	57	78	84
Materials engineering	9	10	5	6	3	4	1	6	14
Mechanical engineering	14	20	15	12	20	11	17	24	25
Other	21	30	23	27	36	38	48	42	40
Non-S&E	7,896	8,392	8,901	10,963	11,806	12,620	13,871	16,407	18,002
American Indian/Alaskan Native									
All fields	1,028	1,147	1,212	1,321	1,446	1,502	1,648	1,841	1,899
S&E	154	174	190	190	255	219	231	310	268
Sciences	149	167	182	174	238	202	217	283	243
Agricultural sciences	8	8	8	5	7	7	13	14	16
Biological sciences	8	14	12	12	14	20	13	24	18
Computer sciences	7	9	3	10	29	13	20	22	17
Earth, atmospheric, and ocean sciences	1	3	5	2	7	3	5	5	6
Atmospheric sciences	0	0	0	0	0	0	0	0	0
Earth sciences	1	3	3	2	5	3	5	5	6
Ocean sciences	0	0	2	0	2	0	0	0	0
Mathematics and statistics	1	6	6	4	3	1	4	3	6
Physical sciences	3	2	6	3	4	6	7	4	5
Astronomy	0	0	0	0	0	0	0	0	1
Chemistry	2	1	5	3	4	6	5	2	3
Physics	1	1	1	0	0	0	1	2	1
Other	0	0	0	0	0	0	1	0	0
Psychology	56	63	76	54	77	68	73	83	87
Social sciences	65	62	66	84	97	84	82	128	88
Anthropology	7	5	8	10	7	4	5	15	8
Area and ethnic studies	14	15	9	8	14	15	22	15	15
Economics	1	4	3	2	2	4	2	3	3
History of science	0	0	0	0	0	1	0	0	0
Linguistics	1	1	2	1	1	2	1	2	5
Political science and public administration	24	20	26	33	44	40	37	69	47
Sociology	15	10	12	23	18	12	10	13	4
Other	3	7	6	7	11	6	5	11	6
Engineering	5	7	8	16	17	17	14	27	25
Aerospace engineering	2	0	0	0	0	2	0	4	0
Chemical engineering	0	0	0	1	1	1	0	0	2
Civil engineering	0	1	2	4	2	6	3	4	5
Electrical engineering	1	0	2	1	3	3	3	3	3
Industrial engineering	0	2	1	3	5	1	1	6	7
Materials engineering	0	0	0	2	1	0	0	0	0
Mechanical engineering	1	0	2	0	2	2	3	5	1
Other	1	4	1	5	3	2	4	5	7
Non-S&E	874	973	1,022	1,131	1,191	1,283	1,417	1,531	1,631
Other or unknown race/ethnicity									
All fields	9,874	10,938	11,000	14,510	17,075	20,319	24,122	29,517	27,762
S&E	1,597	1,632	1,589	2,055	2,280	2,634	2,837	3,277	3,680

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Sciences	1,431	1,460	1,428	1,863	2,059	2,398	2,560	2,985	3,319
Agricultural sciences	61	63	50	67	88	73	93	113	131
Biological sciences	120	126	131	161	159	188	226	220	272
Computer sciences	106	122	122	170	257	392	366	488	337
Earth, atmospheric, and ocean sciences	14	12	16	17	26	14	35	29	35
Atmospheric sciences	0	2	2	0	3	1	3	2	2
Earth sciences	12	8	13	17	19	12	29	24	31
Ocean sciences	2	2	1	0	4	1	3	3	2
Mathematics and statistics	77	64	58	67	49	59	52	77	82
Physical sciences	42	34	48	43	52	64	54	74	74
Astronomy	1	0	1	1	4	3	5	9	3
Chemistry	26	26	38	33	31	44	30	43	50
Physics	11	6	7	7	10	14	17	20	21
Other	4	2	2	2	7	3	2	2	0
Psychology	447	410	435	646	731	823	804	860	974
Social sciences	564	629	568	692	697	785	930	1,124	1,414
Anthropology	38	39	27	34	41	49	58	53	72
Area and ethnic studies	67	41	52	66	101	97	89	97	119
Economics	28	25	28	35	30	32	83	99	108
History of science	0	1	0	0	0	2	2	1	2
Linguistics	10	24	14	13	15	15	19	27	28
Political science and public administration	339	408	367	427	380	465	539	673	878
Sociology	32	24	33	30	41	36	39	39	57
Other	50	67	47	87	89	89	101	135	150
Engineering	166	172	161	192	221	236	277	292	361
Aerospace engineering	10	7	2	3	8	4	4	7	8
Chemical engineering	8	7	9	9	14	16	10	14	26
Civil engineering	26	29	32	30	45	35	57	60	66
Electrical engineering	48	40	42	53	50	92	85	76	94
Industrial engineering	23	35	30	34	34	28	36	34	43
Materials engineering	1	4	2	6	7	4	5	5	6
Mechanical engineering	17	16	15	22	18	20	18	25	26
Other	33	34	29	35	45	37	62	71	92
Non-S&E	8,277	9,306	9,411	12,455	14,795	17,685	21,285	26,240	24,082
Temporary resident									
All fields	18,200	19,276	20,725	22,782	25,049	26,097	28,815	29,881	29,973
S&E	6,153	6,279	6,914	8,301	9,059	9,089	10,473	11,337	11,015
Sciences	4,761	4,830	5,191	6,274	6,804	6,957	7,825	8,180	7,701
Agricultural sciences	260	247	243	218	226	246	255	324	289
Biological sciences	531	508	504	459	507	492	587	658	745
Computer sciences	997	1,112	1,394	2,322	2,734	2,628	2,967	2,734	2,225
Earth, atmospheric, and ocean sciences	62	66	51	57	69	75	68	98	98
Atmospheric sciences	15	10	15	15	12	13	17	17	18
Earth sciences	36	52	33	38	52	54	48	70	71
Ocean sciences	11	4	3	4	5	8	3	11	9
Mathematics and statistics	359	347	370	487	501	535	711	847	800
Physical sciences	486	439	468	383	408	413	380	492	471
Astronomy	4	4	3	5	8	6	9	15	7
Chemistry	367	325	352	272	266	285	236	315	300
Physics	106	97	104	93	123	113	132	153	155
Other	9	13	9	13	11	9	3	9	9
Psychology	303	277	347	346	337	347	515	462	485

TABLE E-5. Master's degrees awarded to women, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Social sciences	1,763	1,834	1,814	2,002	2,022	2,221	2,342	2,565	2,588
Anthropology	58	54	52	57	61	60	40	69	43
Area and ethnic studies	77	114	108	143	140	151	150	149	154
Economics	484	467	490	513	539	592	664	695	715
History of science	0	0	1	2	3	1	2	3	4
Linguistics	109	106	96	134	108	116	125	128	134
Political science and public administration	842	874	879	883	916	1,003	1,083	1,205	1,257
Sociology	105	107	74	135	93	135	134	147	113
Other	88	112	114	135	162	163	144	169	168
Engineering	1,392	1,449	1,723	2,027	2,255	2,132	2,648	3,157	3,314
Aerospace engineering	20	15	23	25	30	47	40	35	45
Chemical engineering	104	132	125	143	144	143	153	198	199
Civil engineering	228	222	256	256	274	305	361	376	408
Electrical engineering	505	530	688	868	1,031	846	1,182	1,511	1,602
Industrial engineering	179	173	206	246	282	294	325	326	305
Materials engineering	57	61	60	71	68	61	77	84	76
Mechanical engineering	113	98	116	156	137	145	172	199	209
Other	186	218	249	262	289	291	338	428	470
Non-S&E	12,047	12,997	13,811	14,481	15,990	17,008	18,342	18,544	18,958

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data are not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.



TABLE E-6. Master's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
All fields	180,360	181,457	185,061	191,234	193,006	198,097	210,758	227,335	230,057
S&E	57,860	55,223	55,335	54,213	55,593	55,701	61,199	66,798	66,974
Sciences	34,851	34,044	34,360	33,817	34,698	35,009	37,679	40,061	40,482
Agricultural sciences	2,314	2,232	2,153	2,039	1,915	2,022	1,896	1,965	1,951
Biological sciences	2,945	3,076	3,014	2,815	2,732	2,665	2,859	3,160	3,229
Computer sciences	7,763	7,510	8,338	9,661	10,833	11,083	13,157	13,658	12,742
Earth, atmospheric, and ocean sciences	1,051	948	932	832	799	834	879	869	973
Atmospheric sciences	164	135	147	119	100	95	112	112	185
Earth sciences	799	752	708	670	649	678	702	682	737
Ocean sciences	88	61	77	43	50	61	65	75	51
Mathematics and statistics	2,236	2,110	2,055	1,797	1,891	1,937	2,029	2,347	2,587
Physical sciences	2,914	2,808	2,529	2,297	2,436	2,298	2,378	2,517	2,587
Astronomy	88	61	71	77	57	85	81	97	97
Chemistry	1,275	1,341	1,175	1,085	1,184	1,014	1,001	1,106	973
Physics	1,385	1,242	1,146	1,000	1,090	1,067	1,140	1,224	1,419
Other	166	164	137	135	105	132	156	90	98
Psychology	3,670	3,715	3,606	3,415	3,477	3,369	3,369	3,348	3,444
Social sciences	11,958	11,645	11,733	10,961	10,615	10,801	11,112	12,197	12,969
Anthropology	420	399	412	363	403	375	388	377	370
Area and ethnic studies	801	742	708	650	619	618	626	656	693
Economics	1,962	1,851	1,899	1,563	1,519	1,601	1,790	1,949	2,113
History of science	6	11	15	18	16	18	15	11	17
Linguistics	208	224	179	146	172	160	145	164	178
Political science and public administration	6,716	6,677	6,585	6,315	6,088	6,205	6,392	6,938	7,598
Sociology	642	610	656	649	643	642	633	673	485
Other	1,203	1,131	1,279	1,257	1,155	1,182	1,123	1,429	1,515
Engineering	23,009	21,179	20,975	20,396	20,895	20,692	23,520	26,737	26,492
Aerospace engineering	682	550	503	484	521	557	628	721	782
Chemical engineering	1,110	1,013	1,028	1,008	1,016	932	1,022	1,089	1,081
Civil engineering	3,938	3,781	3,582	3,065	2,952	2,884	3,042	3,234	3,309
Electrical engineering	6,960	6,197	6,595	6,781	6,957	6,718	8,173	9,788	9,167
Industrial engineering	2,403	2,331	2,433	2,400	2,612	2,593	3,005	3,338	3,018
Materials engineering	599	550	528	558	536	459	537	601	586
Mechanical engineering	3,555	3,337	3,090	2,923	3,024	3,051	3,380	3,992	4,163
Other	3,762	3,420	3,216	3,177	3,277	3,498	3,733	3,974	4,386
Non-S&E	122,500	126,234	129,726	137,021	137,413	142,396	149,559	160,537	163,083
U.S. citizen/permanent resident									
All fields	150,310	151,256	153,581	158,445	156,865	160,883	168,197	182,814	187,625
S&E	42,335	40,237	39,626	37,764	37,230	37,240	39,304	42,785	44,527
Sciences	26,930	26,245	26,089	25,164	25,081	25,219	26,510	28,511	29,601
Agricultural sciences	1,916	1,821	1,798	1,741	1,670	1,789	1,636	1,643	1,644
Biological sciences	2,485	2,661	2,618	2,524	2,366	2,352	2,445	2,703	2,761
Computer sciences	4,859	4,649	4,937	5,420	5,822	6,024	7,035	7,572	7,487
Earth, atmospheric, and ocean sciences	864	777	775	694	696	710	741	709	817
Atmospheric sciences	143	111	115	96	88	80	90	85	154
Earth sciences	651	618	608	566	567	582	593	562	626
Ocean sciences	70	48	52	32	41	48	58	62	37
Mathematics and statistics	1,565	1,464	1,399	1,173	1,162	1,178	1,227	1,409	1,610
Physical sciences	1,915	1,840	1,708	1,540	1,605	1,523	1,569	1,641	1,677
Astronomy	71	46	55	60	37	56	61	64	67
Chemistry	837	899	800	758	829	693	704	749	650
Physics	887	780	731	610	645	656	670	750	876
Other	120	115	122	112	94	118	134	78	84

TABLE E-6. Master's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Psychology	3,549	3,590	3,493	3,294	3,350	3,237	3,219	3,207	3,299
Social sciences	9,777	9,443	9,361	8,778	8,410	8,406	8,638	9,627	10,306
Anthropology	383	362	378	334	376	336	345	341	340
Area and ethnic studies	710	666	606	564	531	541	528	552	611
Economics	1,102	970	986	770	738	733	840	936	1,098
History of science	6	9	10	18	14	17	10	11	15
Linguistics	146	161	127	107	122	107	98	116	123
Political science and public administration	5,768	5,700	5,533	5,274	5,021	5,062	5,253	5,778	6,361
Sociology	572	545	578	593	579	586	582	621	429
Other	1,090	1,030	1,143	1,118	1,029	1,024	982	1,272	1,329
Engineering	15,405	13,992	13,537	12,600	12,149	12,021	12,794	14,274	14,926
Aerospace engineering	504	381	316	288	300	317	380	465	537
Chemical engineering	618	548	561	520	518	470	467	485	513
Civil engineering	2,828	2,787	2,649	2,229	1,993	1,835	1,899	1,947	2,166
Electrical engineering	4,303	3,651	3,764	3,541	3,317	3,321	3,683	4,402	4,361
Industrial engineering	1,599	1,441	1,534	1,470	1,485	1,457	1,565	1,688	1,564
Materials engineering	383	359	337	353	304	276	275	302	323
Mechanical engineering	2,465	2,281	2,078	1,913	1,911	1,891	1,952	2,266	2,458
Other	2,705	2,544	2,298	2,286	2,321	2,454	2,573	2,719	3,004
Non-S&E	107,975	111,019	113,955	120,681	119,635	123,643	128,893	140,029	143,098
White									
All fields	117,559	117,942	118,464	117,915	113,706	114,900	117,997	125,463	128,775
S&E	32,174	30,556	29,611	27,101	26,000	25,852	26,600	28,793	29,697
Sciences	20,788	20,169	19,747	18,118	17,575	17,544	17,945	19,298	19,822
Agricultural sciences	1,680	1,598	1,576	1,514	1,454	1,498	1,415	1,373	1,388
Biological sciences	1,966	2,120	2,016	1,901	1,743	1,761	1,819	1,909	1,973
Computer sciences	3,338	3,140	3,250	3,273	3,378	3,483	3,817	4,290	4,302
Earth, atmospheric, and ocean sciences	743	706	715	626	621	626	652	623	711
Atmospheric sciences	129	103	106	91	76	71	84	77	139
Earth sciences	578	564	560	506	511	519	520	492	537
Ocean sciences	36	39	49	29	34	36	48	54	35
Mathematics and statistics	1,219	1,145	1,080	902	863	872	910	1,020	1,153
Physical sciences	1,543	1,465	1,329	1,177	1,229	1,154	1,175	1,285	1,250
Astronomy	60	42	48	48	25	43	44	52	54
Chemistry	660	677	597	562	617	510	509	570	454
Physics	716	643	579	468	501	499	508	594	667
Other	107	103	105	99	86	102	114	69	75
Psychology	2,890	2,887	2,771	2,406	2,455	2,296	2,259	2,231	2,221
Social sciences	7,409	7,108	7,010	6,319	5,832	5,854	5,898	6,567	6,824
Anthropology	318	309	316	273	307	267	271	279	259
Area and ethnic studies	464	484	451	408	343	345	333	357	361
Economics	826	715	749	550	526	503	543	603	708
History of science	5	7	10	16	11	13	9	10	14
Linguistics	116	132	102	85	90	82	72	85	94
Political science and public administration	4,407	4,292	4,075	3,725	3,385	3,463	3,540	3,897	4,156
Sociology	388	373	412	403	390	383	383	412	272
Other	885	796	895	859	780	798	747	924	960
Engineering	11,386	10,387	9,864	8,983	8,425	8,308	8,655	9,495	9,875
Aerospace engineering	375	303	251	245	238	251	289	361	408
Chemical engineering	469	418	406	374	374	328	318	330	328
Civil engineering	2,244	2,194	2,105	1,744	1,566	1,386	1,452	1,505	1,631
Electrical engineering	2,825	2,430	2,411	2,189	1,968	1,994	2,144	2,499	2,528
Industrial engineering	1,176	1,080	1,096	1,005	1,006	979	1,021	1,038	930
Materials engineering	311	276	281	284	220	213	210	235	233
Mechanical engineering	1,886	1,753	1,580	1,426	1,359	1,367	1,435	1,601	1,778

TABLE E-6. Master's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Other	2,100	1,933	1,734	1,716	1,694	1,790	1,786	1,926	2,039
Non-S&E	85,385	87,386	88,853	90,814	87,706	89,048	91,397	96,670	99,078
Asian/Pacific Islander									
All fields	8,877	8,585	9,638	10,105	10,144	10,318	10,933	12,351	12,946
S&E	3,900	3,605	3,876	3,945	4,012	3,813	4,271	4,832	4,875
Sciences	1,900	1,847	2,053	2,226	2,225	2,188	2,494	2,633	2,699
Agricultural sciences	49	31	43	36	34	42	36	43	35
Biological sciences	242	251	297	291	235	233	275	334	355
Computer sciences	810	792	950	1,168	1,193	1,192	1,407	1,391	1,363
Earth, atmospheric, and ocean sciences	24	15	12	12	16	21	13	19	14
Atmospheric sciences	5	2	5	2	4	3	3	3	2
Earth sciences	18	7	6	9	9	15	6	13	12
Ocean sciences	1	6	1	1	3	3	4	3	0
Mathematics and statistics	119	122	111	86	101	115	114	128	150
Physical sciences	144	153	138	142	126	115	131	112	138
Astronomy	5	2	3	3	3	2	5	2	3
Chemistry	77	91	79	93	76	54	78	71	77
Physics	61	56	49	41	46	49	44	38	55
Other	1	4	7	5	1	10	4	1	3
Psychology	78	85	90	107	126	115	107	134	127
Social sciences	434	398	412	384	394	355	411	472	517
Anthropology	9	10	13	11	10	6	17	10	14
Area and ethnic studies	35	35	29	25	39	36	27	32	31
Economics	91	86	78	65	73	68	85	86	82
History of science	0	0	0	0	0	0	0	0	1
Linguistics	12	10	8	11	9	5	6	10	10
Political science and public administration	225	200	225	212	207	184	226	272	306
Sociology	29	21	28	21	29	26	23	23	24
Other	33	36	31	39	27	30	27	39	49
Engineering	2,000	1,758	1,823	1,719	1,787	1,625	1,777	2,199	2,176
Aerospace engineering	41	35	31	19	29	23	39	40	45
Chemical engineering	70	59	81	80	74	58	64	85	75
Civil engineering	264	263	224	184	136	128	151	157	179
Electrical engineering	872	716	818	784	787	709	786	1,072	985
Industrial engineering	154	110	141	147	146	134	202	211	214
Materials engineering	33	42	29	33	38	27	32	29	46
Mechanical engineering	269	243	228	223	312	259	215	295	271
Other	297	290	271	249	265	287	288	310	361
Non-S&E	4,977	4,980	5,762	6,160	6,132	6,505	6,662	7,519	8,071
Black									
All fields	7,998	8,444	9,107	10,309	10,401	10,513	11,268	12,586	13,214
S&E	1,900	1,983	2,066	2,198	2,262	2,278	2,553	2,651	2,691
Sciences	1,436	1,534	1,596	1,747	1,808	1,805	2,007	2,082	2,099
Agricultural sciences	49	56	36	37	45	39	38	43	26
Biological sciences	77	69	68	73	92	88	108	115	96
Computer sciences	234	229	262	325	345	365	517	497	452
Earth, atmospheric, and ocean sciences	6	7	10	2	11	12	9	10	12
Atmospheric sciences	0	1	1	0	3	2	2	1	4
Earth sciences	5	6	9	2	7	9	4	8	8
Ocean sciences	1	0	0	0	1	1	3	1	0
Mathematics and statistics	74	75	65	46	65	49	49	63	75
Physical sciences	53	67	71	63	71	56	61	53	47

TABLE E-6. Master's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Astronomy	0	1	0	0	0	2	0	1	0
Chemistry	30	39	42	25	40	27	36	33	17
Physics	20	26	24	35	28	25	23	17	28
Other	3	1	5	3	3	2	2	2	2
Psychology	223	245	254	311	301	343	344	357	375
Social sciences	720	786	830	890	878	853	881	944	1,016
Anthropology	12	10	7	9	6	8	6	8	5
Area and ethnic studies	32	41	42	34	25	32	39	44	48
Economics	57	60	55	48	41	48	39	36	61
History of science	0	0	0	0	1	1	0	0	0
Linguistics	3	3	1	1	7	1	2	1	3
Political science and public administration	459	504	550	597	626	586	597	610	726
Sociology	90	93	78	110	101	97	101	98	55
Other	67	75	97	91	71	80	97	147	118
Engineering	464	449	470	451	454	473	546	569	592
Aerospace engineering	9	9	6	7	8	14	8	10	17
Chemical engineering	17	12	24	19	15	19	23	17	32
Civil engineering	74	69	82	59	61	63	53	47	63
Electrical engineering	144	121	145	143	139	139	181	180	183
Industrial engineering	69	50	63	49	69	78	87	104	86
Materials engineering	4	13	6	9	7	7	7	10	10
Mechanical engineering	68	89	68	72	63	54	60	66	67
Other	79	86	76	93	92	99	127	135	134
Non-S&E	6,098	6,461	7,041	8,111	8,139	8,235	8,715	9,935	10,523
Hispanic									
All fields	6,072	6,466	6,848	8,004	8,238	8,429	9,117	10,432	10,974
S&E	1,664	1,718	1,795	1,910	1,958	1,973	2,112	2,419	2,526
Sciences	1,084	1,129	1,166	1,259	1,341	1,370	1,462	1,599	1,689
Agricultural sciences	55	51	58	59	49	90	45	73	78
Biological sciences	85	110	97	122	142	126	107	153	130
Computer sciences	137	152	142	199	284	228	366	391	335
Earth, atmospheric, and ocean sciences	17	15	12	18	10	16	21	20	21
Atmospheric sciences	1	1	1	2	0	0	1	1	2
Earth sciences	16	13	11	16	10	14	20	17	19
Ocean sciences	0	1	0	0	0	2	0	2	0
Mathematics and statistics	55	46	46	59	40	52	67	64	70
Physical sciences	63	71	75	59	80	84	86	73	88
Astronomy	4	0	0	2	1	2	0	2	1
Chemistry	20	39	42	27	44	39	47	33	45
Physics	34	27	30	28	33	40	34	34	40
Other	5	5	3	2	2	3	5	4	2
Psychology	172	200	209	230	236	237	221	222	268
Social sciences	500	484	527	513	500	537	549	603	699
Anthropology	12	10	14	16	18	20	20	21	23
Area and ethnic studies	56	48	46	45	46	61	56	42	66
Economics	46	51	46	44	30	38	51	54	73
History of science	0	1	0	0	1	0	1	0	0
Linguistics	7	5	11	3	6	5	5	7	3
Political science and public administration	302	298	314	318	310	320	337	370	427
Sociology	38	27	37	41	32	56	43	56	42
Other	39	44	59	46	57	37	36	53	65
Engineering	580	589	629	651	617	603	650	820	837
Aerospace engineering	10	16	11	11	8	12	12	13	32
Chemical engineering	29	32	28	24	25	27	24	24	22
Civil engineering	101	123	116	121	117	129	101	102	135

TABLE E-6. Master's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Electrical engineering	178	162	162	177	147	134	207	265	223
Industrial engineering	96	76	108	126	124	134	106	151	155
Materials engineering	12	12	10	9	19	12	5	10	12
Mechanical engineering	84	93	102	87	73	76	100	133	128
Other	70	75	92	96	104	79	95	122	130
Non-S&E	4,408	4,748	5,053	6,094	6,280	6,456	7,005	8,013	8,448
American Indian/Alaskan Native									
All fields	665	697	739	778	828	880	898	985	993
S&E	167	196	182	193	217	201	221	225	218
Sciences	116	150	136	145	174	161	165	167	161
Agricultural sciences	6	10	15	18	11	18	11	9	11
Biological sciences	9	11	9	14	15	14	18	9	11
Computer sciences	19	16	12	22	39	19	22	35	18
Earth, atmospheric, and ocean sciences	4	2	5	7	4	1	4	2	5
Atmospheric sciences	0	0	0	0	0	0	0	0	1
Earth sciences	3	2	5	7	3	1	4	2	4
Ocean sciences	1	0	0	0	1	0	0	0	0
Mathematics and statistics	4	8	3	5	6	7	4	4	3
Physical sciences	2	9	8	6	5	9	5	4	6
Astronomy	0	0	0	0	0	0	1	0	0
Chemistry	1	7	7	2	3	5	0	1	3
Physics	1	1	1	3	2	4	4	3	2
Other	0	1	0	1	0	0	0	0	1
Psychology	22	34	32	15	29	28	31	25	28
Social sciences	50	60	52	58	65	65	70	79	79
Anthropology	5	5	6	4	10	8	6	4	6
Area and ethnic studies	8	6	6	8	6	5	11	12	12
Economics	2	4	2	1	5	6	4	3	7
History of science	0	0	0	0	1	0	0	0	0
Linguistics	1	1	0	0	0	2	0	0	1
Political science and public administration	24	35	23	29	26	34	40	49	43
Sociology	5	6	7	7	10	5	7	4	3
Other	5	3	8	9	7	5	2	7	7
Engineering	51	46	46	48	43	40	56	58	57
Aerospace engineering	3	2	0	0	2	2	2	2	2
Chemical engineering	4	5	1	2	3	1	2	0	2
Civil engineering	9	9	12	10	8	5	10	12	8
Electrical engineering	14	8	7	13	7	10	15	7	17
Industrial engineering	3	4	6	5	10	7	7	13	11
Materials engineering	2	0	0	2	0	2	1	1	1
Mechanical engineering	10	10	11	7	5	4	6	16	5
Other	6	8	9	9	8	9	13	7	11
Non-S&E	498	501	557	585	611	679	677	760	775
Other or unknown race/ethnicity									
All fields	9,139	9,122	8,785	11,334	13,548	15,843	17,984	20,997	20,723
S&E	2,530	2,179	2,096	2,417	2,781	3,123	3,547	3,865	4,520
Sciences	1,606	1,416	1,391	1,669	1,958	2,151	2,437	2,732	3,131
Agricultural sciences	77	75	70	77	77	102	91	102	106
Biological sciences	106	100	131	123	139	130	118	183	196
Computer sciences	321	320	321	433	583	737	906	968	1,017
Earth, atmospheric, and ocean sciences	70	32	21	29	34	34	42	35	54
Atmospheric sciences	8	4	2	1	5	4	0	3	6
Earth sciences	31	26	17	26	27	24	39	30	46

TABLE E-6. Master's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Ocean sciences	31	2	2	2	2	6	3	2	2
Mathematics and statistics	94	68	94	75	87	83	83	130	159
Physical sciences	110	75	87	93	94	105	111	114	148
Astronomy	2	1	4	7	8	7	11	7	9
Chemistry	49	46	33	49	49	58	34	41	54
Physics	55	27	48	35	35	39	57	64	84
Other	4	1	2	2	2	1	9	2	1
Psychology	164	139	137	225	203	218	257	238	280
Social sciences	664	607	530	614	741	742	829	962	1,171
Anthropology	27	18	22	21	25	27	25	19	33
Area and ethnic studies	115	52	32	44	72	62	62	65	93
Economics	80	54	56	62	63	70	118	154	167
History of science	1	1	0	2	0	3	0	1	0
Linguistics	7	10	5	7	10	12	13	13	12
Political science and public administration	351	371	346	393	467	475	513	580	703
Sociology	22	25	16	11	17	19	25	28	33
Other	61	76	53	74	87	74	73	102	130
Engineering	924	763	705	748	823	972	1,110	1,133	1,389
Aerospace engineering	66	16	17	6	15	15	30	39	33
Chemical engineering	29	22	21	21	27	37	36	29	54
Civil engineering	136	129	110	111	105	124	132	124	150
Electrical engineering	270	214	221	235	269	335	350	379	425
Industrial engineering	101	121	120	138	130	125	142	171	168
Materials engineering	21	16	11	16	20	15	20	17	21
Mechanical engineering	148	93	89	98	99	131	136	155	209
Other	153	152	116	123	158	190	264	219	329
Non-S&E	6,609	6,943	6,689	8,917	10,767	12,720	14,437	17,132	16,203
Temporary resident									
All fields	30,050	30,201	31,480	32,789	36,141	37,214	42,561	44,521	42,432
S&E	15,525	14,986	15,709	16,449	18,363	18,461	21,895	24,013	22,447
Sciences	7,921	7,799	8,271	8,653	9,617	9,790	11,169	11,550	10,881
Agricultural sciences	398	411	355	298	245	233	260	322	307
Biological sciences	460	415	396	291	366	313	414	457	468
Computer sciences	2,904	2,861	3,401	4,241	5,011	5,059	6,122	6,086	5,255
Earth, atmospheric, and ocean sciences	187	171	157	138	103	124	138	160	156
Atmospheric sciences	21	24	32	23	12	15	22	27	31
Earth sciences	148	134	100	104	82	96	109	120	111
Ocean sciences	18	13	25	11	9	13	7	13	14
Mathematics and statistics	671	646	656	624	729	759	802	938	977
Physical sciences	999	968	821	757	831	775	809	876	910
Astronomy	17	15	16	17	20	29	20	33	30
Chemistry	438	442	375	327	355	321	297	357	323
Physics	498	462	415	390	445	411	470	474	543
Other	46	49	15	23	11	14	22	12	14
Psychology	121	125	113	121	127	132	150	141	145
Social sciences	2,181	2,202	2,372	2,183	2,205	2,395	2,474	2,570	2,663
Anthropology	37	37	34	29	27	39	43	36	30
Area and ethnic studies	91	76	102	86	88	77	98	104	82
Economics	860	881	913	793	781	868	950	1,013	1,015
History of science	0	2	5	0	2	1	5	0	2
Linguistics	62	63	52	39	50	53	47	48	55
Political science and public administration	948	977	1,052	1,041	1,067	1,143	1,139	1,160	1,237
Sociology	70	65	78	56	64	56	51	52	56
Other	113	101	136	139	126	158	141	157	186

TABLE E-6. Master's degrees awarded to men, by field, citizenship, and race/ethnicity: 1996–2005

Field, citizenship, and race/ethnicity	1996	1997	1998	2000	2001	2002	2003	2004	2005
Engineering	7,604	7,187	7,438	7,796	8,746	8,671	10,726	12,463	11,566
Aerospace engineering	178	169	187	196	221	240	248	256	245
Chemical engineering	492	465	467	488	498	462	555	604	568
Civil engineering	1,110	994	933	836	959	1,049	1,143	1,287	1,143
Electrical engineering	2,657	2,546	2,831	3,240	3,640	3,397	4,490	5,386	4,806
Industrial engineering	804	890	899	930	1,127	1,136	1,440	1,650	1,454
Materials engineering	216	191	191	205	232	183	262	299	263
Mechanical engineering	1,090	1,056	1,012	1,010	1,113	1,160	1,428	1,726	1,705
Other	1,057	876	918	891	956	1,044	1,160	1,255	1,382
Non-S&E	14,525	15,215	15,771	16,340	17,778	18,753	20,666	20,508	19,985

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data are not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1996–2005.