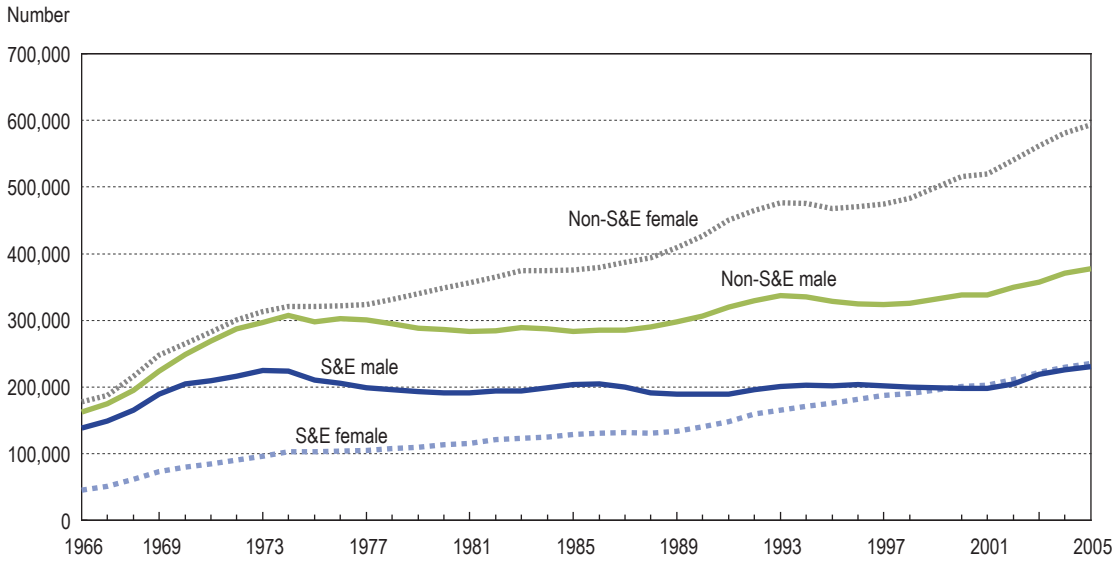


FIGURE C-1. Bachelor's degrees awarded in S&E and non-S&E fields, by sex: 1966–2005



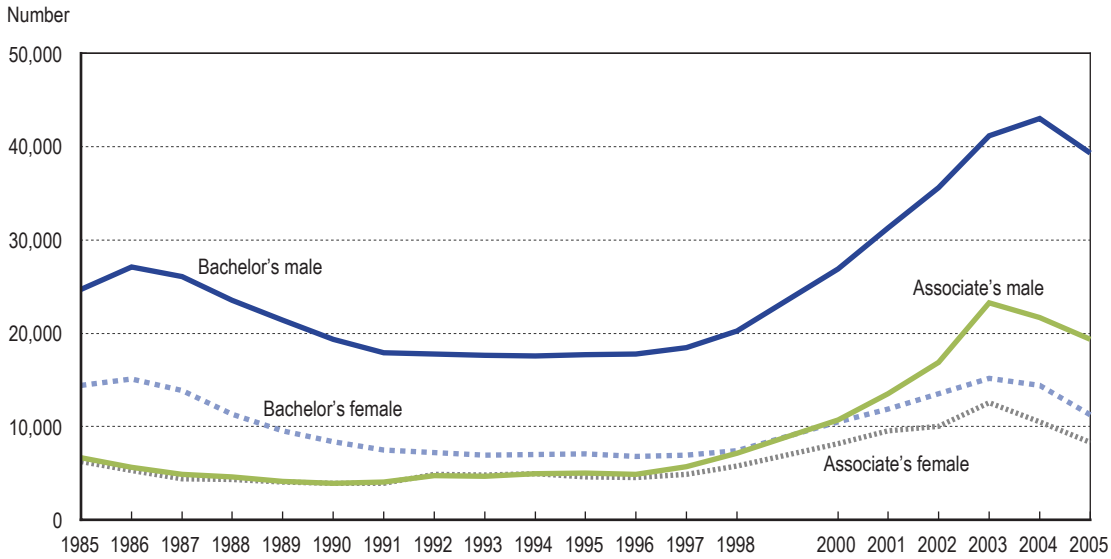
NOTE: National data not available for 1999.

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



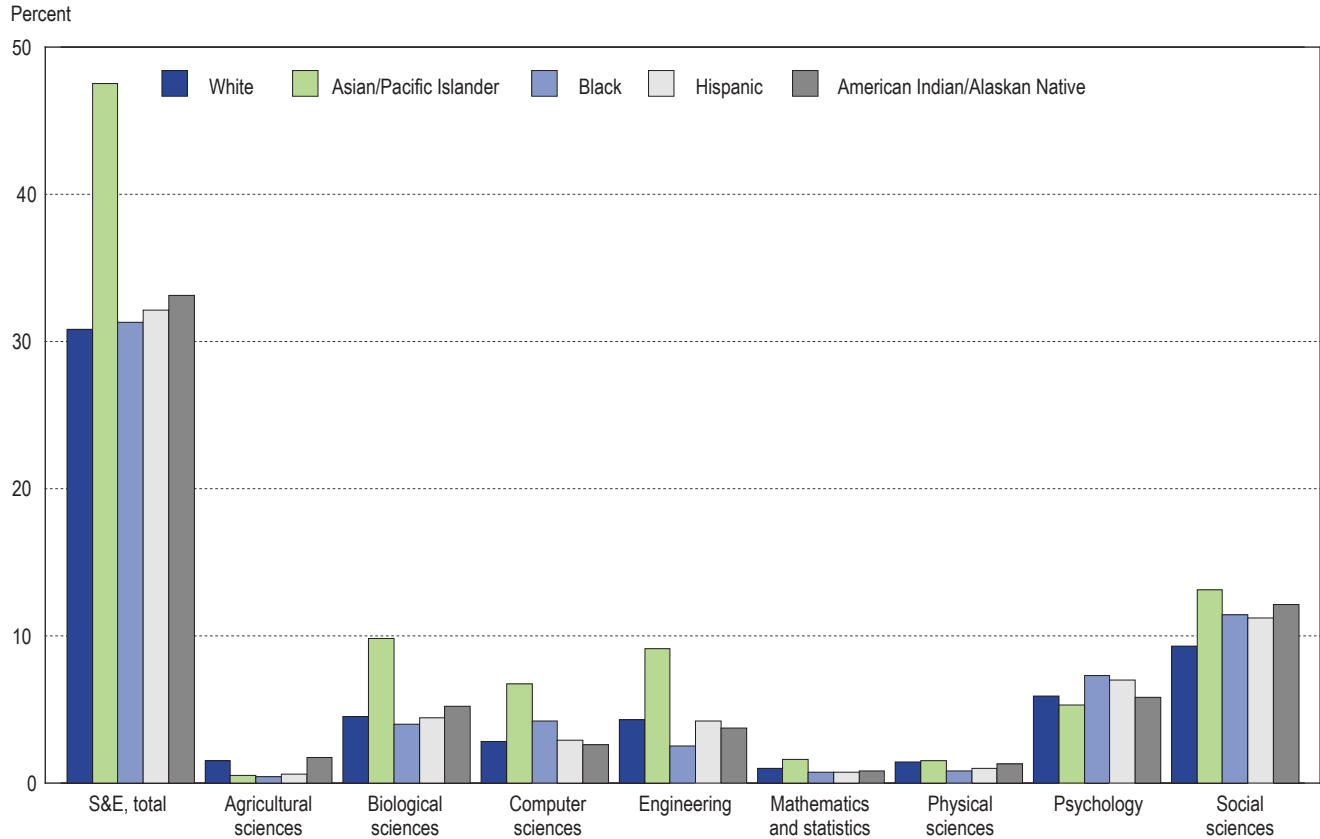
NOTE: National data not available for 1999.

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.

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

Field and sex	1996	1997	1998	2000	2001	2002	2003	2004	2005
Both sexes									
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
Female									
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
Male									
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	Sciences									Engi- neering	Non- S&E
				Agri- cultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathe- matics and statistics	Physical sciences	Psych- ology	Social 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
Black									
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
Hispanic									
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
White									
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
Asian/Pacific Islander									
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

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					
		Female	Male	White	Asian	African	Hispanic	Native	Foreign National
					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-14. Bachelor's degrees, by race/ethnicity, citizenship, sex, and field: 2004

Race/ethnicity, citizenship, and sex	All fields	All S&E	Sciences	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Non-S&E
							Number of recipients						
All recipients	1,407,009	452,338	387,663	15,622	63,892	57,405	3,903	13,755	14,240	82,510	136,336	64,675	954,671
White	962,887	294,105	252,248	13,140	41,910	30,357	3,338	9,639	9,833	56,515	87,516	41,857	668,782
Asian/Pacific Islander	86,030	41,022	33,397	397	7,698	7,462	85	1,244	1,229	4,345	10,937	7,625	45,008
Black	122,618	38,050	34,838	360	4,997	5,934	65	784	958	8,479	13,261	3,212	84,568
Hispanic	105,165	33,077	28,607	624	4,454	3,535	131	676	885	7,252	11,050	4,470	72,088
American Indian/Alaskan Native	9,914	3,201	2,868	180	402	416	31	59	76	596	1,108	333	6,713
Other or unknown race/ethnicity	76,220	24,302	21,671	686	2,792	4,840	203	671	668	3,852	7,959	2,631	51,918
Temporary resident	44,175	18,581	14,034	235	1,639	4,861	50	682	591	1,471	4,505	4,547	25,594
Female	810,817	227,813	214,556	8,147	39,913	14,406	1,647	6,318	6,002	64,208	73,915	13,257	583,004
White	546,765	143,951	136,381	6,696	25,579	5,719	1,367	4,392	3,813	43,819	44,996	7,570	402,814
Asian/Pacific Islander	47,635	19,905	17,888	257	4,792	2,275	41	573	601	3,296	6,053	2,017	27,730
Black	81,926	24,391	23,295	234	3,690	2,667	40	447	592	6,906	8,719	1,096	57,535
Hispanic	64,818	18,534	17,426	363	2,915	1,009	62	308	450	5,660	6,659	1,108	46,284
American Indian/Alaskan Native	5,957	1,744	1,654	86	257	93	20	22	29	469	678	90	4,213
Other or unknown race/ethnicity	42,407	11,735	11,268	368	1,679	1,227	92	279	269	2,891	4,463	467	30,672
Temporary resident	21,309	7,553	6,644	143	1,001	1,416	25	297	248	1,167	2,347	909	13,756
Male	596,192	224,525	173,107	7,475	23,979	42,999	2,256	7,437	8,238	18,302	62,421	51,418	371,667
White	416,122	150,154	115,867	6,444	16,331	24,638	1,971	5,247	6,020	12,696	42,520	34,287	265,968
Asian/Pacific Islander	38,395	21,117	15,509	140	2,906	5,187	44	671	628	1,049	4,884	5,608	17,278
Black	40,692	13,659	11,543	126	1,307	3,267	25	337	366	1,573	4,542	2,116	27,033
Hispanic	40,347	14,543	11,181	261	1,539	2,526	69	368	435	1,592	4,391	3,362	25,804
American Indian/Alaskan Native	3,957	1,457	1,214	94	145	323	11	37	47	127	430	243	2,500
Other or unknown race/ethnicity	33,813	12,567	10,403	318	1,113	3,613	111	392	399	961	3,496	2,164	21,246
Temporary resident	22,866	11,028	7,390	92	638	3,445	25	385	343	304	2,158	3,638	11,838
	Percent												
Female	57.6	50.4	55.3	52.2	62.5	25.1	42.2	45.9	42.1	77.8	54.2	20.5	61.1
White	56.8	48.9	54.1	51.0	61.0	18.8	41.0	45.6	38.8	77.5	51.4	18.1	60.2
Asian/Pacific Islander	55.4	48.5	53.6	64.7	62.2	30.5	48.2	46.1	48.9	75.9	55.3	26.5	61.6
Black	66.8	64.1	66.9	65.0	73.8	44.9	61.5	57.0	61.8	81.4	65.7	34.1	68.0
Hispanic	61.6	56.0	60.9	58.2	65.4	28.5	47.3	45.6	50.8	78.0	60.3	24.8	64.2
American Indian/Alaskan Native	60.1	54.5	57.7	47.8	63.9	22.4	64.5	37.3	38.2	78.7	61.2	27.0	62.8
Other or unknown race/ethnicity	55.6	48.3	52.0	53.6	60.1	25.4	45.3	41.6	40.3	75.1	56.1	17.7	59.1
Temporary resident	48.2	40.6	47.3	60.9	61.1	29.1	50.0	43.5	42.0	79.3	52.1	20.0	53.7

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, 2004.

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

Country and sex	Sciences											
	All fields	All S&E	Sciences							Social/	Engineering	Non-S&E
			All sciences	Agricultural sciences	Biological sciences	Computer sciences	Mathematics and statistics	Physical sciences	behavioral sciences			
Number of degrees												
Both sexes												
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	
Female												
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
Female		Male	
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
Asian/Pacific Islander		Black	
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
Hispanic		American Indian/Alaskan Native	
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
Female		Male	
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
Asian/Pacific Islander		Black	
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
Hispanic		American Indian/Alaskan Native	
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.