TABLE 5-5. Bachelor's degrees awarded to men, by field, citizenship, and race or ethnicity: 2002–12

Field, citizenship, and race or ethnicity	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
All fields	555,640	578,937	601,588	618,758	636,559	655,393	673,788	691,428	713,336	740,357	772,175
S&E	204,675	219,815	227,861	233,924	238,029	241,697	246,719	250,742	261,091	275,258	291,791
Science	156,752	169,006	176,444	180,975	183,140	186,076	189,732	192,892	200,385	211,817	224,509
Agricultural sciences	8,725	8,740	8,336	8,383	8,398	8,781	9,017	9,334	9,691	10,904	11,616
Biological sciences	24,030	24,023	24,319	25,698	27,917	31,347	33,136	34,477	36,737	37,860	40,683
Computer sciences	36,016	42,258	44,902	42,429	38,061	34,652	32,038	31,602	32,801	35,886	39,230
Earth, atmospheric, and ocean sciences	2,282	2,298	2,256	2,299	2,341	2,399	2,559	2,774	2,913	3,219	3,570
Atmospheric sciences	374	386	369	436	432	483	473	486	455	461	472
Earth sciences	1,788	1,846	1,812	1,795	1,873	1,857	2,023	2,209	2,365	2,650	2,978
Ocean sciences	120	66	75	68	36	59	63	79	93	108	120
Mathematics and statistics	6,502	6,993	7,428	8,207	8,435	8,724	8,884	9,237	9,584	10,276	11,283
Physical sciences	8,023	8,231	8,221	8,590	9,437	10,021	10,368	10,491	10,804	11,404	12,137
Astronomy	160	161	169	188	235	200	226	189	248	228	239
Chemistry	4,716	4,649	4,548	4,779	5,253	5,636	5,923	6,038	6,176	6,560	6,984
Physics	2,817	3,076	3,233	3,299	3,621	3,846	3,888	3,917	3,985	4,220	4,495
Other	330	345	271	324	328	339	331	347	395	396	419
Psychology	17,389	17,629	18,322	19,099	19,975	20,446	21,307	21,579	22,410	23,401	25,590
Social sciences	53,785	58,834	62,660	66,270	68,576	69,706	72,423	73,398	75,445	78,867	80,400
Anthropology	2,272	2,313	2,350	2,362	2,494	2,456	2,733	2,723	2,863	2,998	3,201
Area and ethnic studies	2,032	2,055	2,163	2,345	2,463	2,561	2,626	2,732	2,663	2,763	2,715
Economics	14,436	15,773	16,650	17,021	17,043	17,195	18,237	19,282	20,195	20,826	20,677
History of science	40	49	67	53	46	44	51	48	34	60	49
Linguistics	243	290	330	324	447	461	502	503	558	573	689
Political science and public administration	18,822	21,274	23,101	25,130	26,462	27,053	27,734	27,184	27,850	28,975	29,267
Sociology	7,299	7,558	7,718	8,430	8,548	8,698	8,787	8,707	8,858	8,988	9,433
Other	8,641	9,522	10,281	10,605	11,073	11,238	11,753	12,219	12,424	13,684	14,369
Engineering	47,923	50,809	51,417	52,949	54,889	55,621	56,987	57,850	60,706	63,441	67,282
Aerospace engineering	1,435	1,633	1,905	1,980	2,252	2,376	2,493	2,600	2,744	2,903	3,082
Chemical engineering	3,823	3,532	3,352	3,113	3,179	3,338	3,670	3,977	4,543	5,228	5,809
Civil engineering	6,667	7,118	7,121	7,451	8,241	8,819	9,491	10,032	10,589	11,562	11,747
Electrical engineering	16,240	17,839	18,331	18,614	17,346	16,438	15,450	14,578	14,550	14,744	15,457
Industrial engineering	2,636	2,625	2,543	2,666	2,716	2,473	2,557	2,823	3,048	3,129	3,413
Materials engineering	648	674	595	624	737	753	878	807	844	819	954
Mechanical engineering	11,574	12,170	12,395	12,933	14,050	14,894	15,592	15,671	16,695	17,262	18,351
Other	4,900	5,218	5,175	5,568	6,368	6,530	6,856	7,362	7,693	7,794	8,469
Non-S&E	350,965	359,122	373,727	384,834	398,530	413,696	427,069	440,686	452,245	465,099	480,384
U.S. citizen and permanent resident											
All fields	534,136	556,487	578,384	595,492	613,313	632,880	652,091	669,080	689,916	714,163	742,459
S&E	195,013	209,209	216,687	222,873	227,543	231,871	237,385	241,248	250,791	263,363	278,092
Science	150,604	161,900	168,910	173,704	176,337	179,754	183,767	186,644	193,660	204,109	215,840
Agricultural sciences	8,612	8,622	8,232	8,266	8,279	8,669	8,912	9,243	9,564	10,750	11,461
Biological sciences	23,492	23,420	23,678	24,975	27,129	30,487	32,239	33,545	35,722	36,790	39,524
Computer sciences	33,347	38,939	41,331	39,415	35,697	32,753	30,644	30,184	31,336	34,253	37,352
Earth, atmospheric, and ocean sciences	2,249	2,268	2,231	2,255	2,299	2,371	2,522	2,723	2,852	3,131	3,495
Atmospheric sciences	370	380	367	430	430	478	470	480	452	456	465
Earth sciences	1,760	1,822	1,790	1,758	1,834	1,834	1,989	2,164	2,308	2,567	2,911
Ocean sciences	119	66	74	67	35	59	63	79	92	108	119
Mathematics and statistics	6,224	6,598	7,043	7,754	7,948	8,285	8,433	8,731	8,983	9,520	10,253
Physical sciences	7,708	7,929	7,878	8,211	9,010	9,593	9,908	10,029	10,359	10,907	11,576
Astronomy	151	154	165	179	225	192	214	186	241	217	237
Chemistry	4,544	4,489	4,382	4,596	5,054	5,423	5,701	5,790	5,928	6,292	6,693
Physics	2,696	2,952	3,095	3,154	3,432	3,678	3,706	3,743	3,823	4,026	4,247
Other	317	334	236	282	299	300	287	310	367	372	399

TABLE 5-5. Bachelor's degrees awarded to men, by field, citizenship, and race or ethnicity: 2002–12

Field, citizenship, and race or ethnicity	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Psychology	17,079	17,348	18,017	18,783	19,654	20,104	20,981	21,242	22,044	22,999	25,142
Social sciences	51,893	56,776	60,500	64,045	66,321	67,492	70,128	70,947	72,800	75,759	77,037
Anthropology	2,235	2,288	2,319	2,328	2,462	2,430	2,691	2,696	2,832	2,969	3,172
Area and ethnic studies	1,981	2,003	2,113	2,286	2,406	2,509	2,567	2,647	2,598	2,690	2,642
Economics	13,353	14,598	15,374	15,724	15,760	15,908	16,922	17,842	18,608	18,936	18,530
History of science	39	48	67	52	45	41	51	48	34	59	49
Linguistics	231	272	316	307	429	451	488	484	544	552	661
Political science and public administration	18,321	20,717	22,567	24,600	25,875	26,517	27,164	26,611	27,222	28,235	28,563
Sociology	7,211	7,463	7,617	8,333	8,435	8,580	8,675	8,588	8,740	8,866	9,297
Other	8,522	9,387	10,127	10,415	10,909	11,056	11,570	12,031	12,222	13,452	14,123
Engineering	44,409	47,309	47,777	49,169	51,206	52,117	53,618	54,604	57,131	59,254	62,252
Aerospace engineering	1,334	1,495	1,757	1,831	2,126	2,221	2,362	2,449	2,564	2,687	2,843
Chemical engineering	3,505	3,296	3,104	2,835	2,891	3,069	3,364	3,652	4,143	4,689	5,177
Civil engineering	6,377	6,839	6,895	7,210	7,996	8,561	9,206	9,753	10,215	11,135	11,215
Electrical engineering	14,659	16,090	16,409	16,666	15,534	14,854	14,100	13,345	13,358	13,318	13,794
Industrial engineering	2,300	2,322	2,262	2,389	2,421	2,204	2,231	2,534	2,723	2,778	2,968
Materials engineering	625	649	582	594	709	719	848	762	794	767	898
Mechanical engineering	10,943	11,642	11,850	12,353	13,480	14,265	14,953	15,037	15,975	16,475	17,361
Other	4,666	4,976	4,918	5,291	6,049	6,224	6,554	7,072	7,359	7,405	7,996
Non-S&E	339,123	347,278	361,697	372,619	385,770	401,009	414,706	427,832	439,125	450,800	464,367
White											
All fields	394,967	406,967	418,670	428,260	438,003	449,842	459,608	469,145	475,894	484,214	496,923
S&E	139,672	148,075	152,020	155,528	158,827	161,573	163,743	165,581	169,731	175,430	183,473
Science	107,408	113,903	117,747	120,672	122,769	124,675	125,803	127,261	129,603	134,403	140,217
Agricultural sciences	7,549	7,509	7,193	7,218	7,186	7,417	7,546	7,767	7,954	8,864	9,361
Biological sciences	16,537	16,295	16,562	17,288	18,529	20,461	20,965	21,622	22,565	22,772	24,372
Computer sciences	21,659	24,517	25,439	24,686	22,845	21,413	19,954	19,840	20,209	21,668	23,081
Earth, atmospheric, and ocean sciences	1,988	1,996	1,971	1,999	2,002	2,082	2,168	2,308	2,415	2,622	2,919
Atmospheric sciences	334	333	332	388	386	432	411	412	394	397	397
Earth sciences	1,555	1,614	1,572	1,557	1,589	1,597	1,706	1,832	1,948	2,133	2,430
Ocean sciences	99	49	67	54	27	53	51	64	73	92	92
Mathematics and statistics	4,679	4,847	5,241	5,578	5,783	6,018	6,069	6,179	6,314	6,636	7,193
Physical sciences	5,878	6,064	6,007	6,245	6,766	7,045	7,166	7,253	7,362	7,653	8,124
Astronomy	119	130	131	145	175	146	157	129	169	164	181
Chemistry	3,331	3,314	3,227	3,418	3,685	3,826	3,917	3,945	4,037	4,204	4,465
Physics	2,170	2,354	2,481	2,471	2,677	2,839	2,874	2,946	2,890	3,060	3,215
Other	258	266	168	211	229	234	218	233	266	225	263
Psychology	11,929	12,217	12,708	13,097	13,703	13,722	14,037	14,124	14,273	14,614	15,657
Social sciences	37,189	40,458	42,626	44,561	45,955	46,517	47,898	48,168	48,511	49,574	49,510
Anthropology	1,709	1,757	1,738	1,750	1,838	1,764	1,937	1,921	2,005	2,020	2,188
Area and ethnic studies	1,116	1,111	1,169	1,200	1,267	1,303	1,352	1,370	1,373	1,299	1,280
Economics	9,562	10,263	10,618	10,716	10,645	10,779	11,467	12,047	12,239	12,324	12,007
History of science	25	32	48	40	33	30	34	33	21	40	27
Linguistics	179	198	219	204	318	307	339	324	366	373	427
Political science and public administration	13,630	15,384	16,641	17,932	18,663	19,035	19,283	18,838	18,867	19,227	19,017
Sociology	4,658	4,817	4,791	5,215	5,251	5,260	5,248	5,098	5,005	5,065	5,125
Other	6,310	6,896	7,402	7,504	7,940	8,039	8,238	8,537	8,635	9,226	9,439
Engineering	32,264	34,172	34,273	34,856	36,058	36,898	37,940	38,320	40,128	41,027	43,256
Aerospace engineering	1,047	1,160	1,347	1,429	1,644	1,712	1,794	1,815	1,868	1,964	2,086
Chemical engineering	2,703	2,508	2,353	2,139	2,145	2,233	2,436	2,623	2,986	3,377	3,625
Civil engineering	5,097	5,492	5,460	5,672	6,172	6,501	6,988	7,189	7,425	7,970	8,137
Electrical engineering	8,960	9,876	9,893	9,920	9,175	8,904	8,513	7,990	8,228	7,942	8,384
Industrial engineering	1,702	1,639	1,647	1,701	1,689	1,543	1,552	1,764	1,881	1,876	2,022
Materials engineering	518	510	434	442	519	546	623	554	581	562	636

TABLE 5-5. Bachelor's degrees awarded to men, by field, citizenship, and race or ethnicity: 2002–12

Field, citizenship, and race or ethnicity	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Mechanical engineering	8,638	9,210	9,434	9,686	10,432	10,973	11,341	11,449	12,005	12,177	12,816
Other	3,599	3,777	3,705	3,867	4,282	4,486	4,693	4,936	5,154	5,159	5,550
Non-S&E	255,295	258,892	266,650	272,732	279,176	288,269	295,865	303,564	306,163	308,784	313,450
Asian or Pacific Islander[a]											
All fields	35,935	38,069	38,836	41,006	42,997	44,638	46,321	47,409	49,540	51,633	53,913
S&E	19,395	20,931	21,339	22,292	22,495	23,017	24,060	24,362	25,289	26,736	27,951
Science	14,129	15,373	15,729	16,134	16,036	16,472	17,575	17,882	18,802	19,965	20,830
Agricultural sciences	161	177	149	151	205	225	257	288	309	381	425
Biological sciences	2,884	2,908	2,941	3,330	3,888	4,642	5,403	5,660	6,004	6,356	6,706
Computer sciences	4,902	5,676	5,349	4,707	3,569	2,843	2,536	2,321	2,381	2,836	3,090
Earth, atmospheric, and ocean sciences	37	44	44	42	49	55	56	71	77	79	112
Atmospheric sciences	4	5	6	8	10	11	7	11	8	8	15
Earth sciences	29	35	34	33	37	42	47	56	65	68	86
Ocean sciences	4	4	4	1	2	2	2	4	4	3	11
Mathematics and statistics	516	602	671	792	770	790	860	917	971	1,095	1,104
Physical sciences	622	589	628	623	781	899	1,037	1,043	1,109	1,147	1,265
Astronomy	12	11	8	12	23	11	15	18	22	12	21
Chemistry	464	406	434	410	514	628	758	776	823	864	911
Physics	130	150	170	183	228	239	244	229	239	258	301
Other	16	22	16	18	16	21	20	20	25	13	32
Psychology	1,117	1,073	1,051	1,193	1,358	1,504	1,649	1,645	1,721	1,804	1,987
Social sciences	3,890	4,304	4,896	5,296	5,416	5,514	5,777	5,937	6,230	6,267	6,141
Anthropology	124	108	108	104	121	141	167	158	190	208	194
Area and ethnic studies	213	250	260	302	292	309	285	330	296	281	295
Economics	1,808	2,011	2,261	2,339	2,326	2,298	2,397	2,558	2,768	2,710	2,599
History of science	6	8	8	6	3	3	7	6	2	6	7
Linguistics	16	18	28	27	30	37	45	42	45	54	71
Political science and public administration	918	1,051	1,225	1,386	1,495	1,549	1,623	1,543	1,609	1,707	1,672
Sociology	400	409	493	585	572	591	619	614	656	565	594
Other	405	449	513	547	577	586	634	686	664	736	709
Engineering	5,266	5,558	5,610	6,158	6,459	6,545	6,485	6,480	6,487	6,771	7,121
Aerospace engineering	104	124	143	149	179	207	237	264	255	282	298
Chemical engineering	323	302	294	262	328	394	419	466	534	568	675
Civil engineering	311	319	310	356	526	652	692	798	784	922	923
Electrical engineering	3,034	3,216	3,280	3,524	3,129	2,852	2,544	2,245	2,093	2,172	2,184
Industrial engineering	212	230	223	221	239	228	240	252	250	269	279
Materials engineering	51	61	67	63	110	97	103	95	107	110	103
Mechanical engineering	743	782	719	856	1,019	1,206	1,282	1,283	1,324	1,349	1,442
Other	488	524	574	727	929	909	968	1,077	1,140	1,099	1,217
Non-S&E	16,540	17,138	17,497	18,714	20,502	21,621	22,261	23,047	24,251	24,897	25,962
Black											
All fields	37,308	39,223	41,161	42,905	44,986	46,447	48,716	49,761	51,969	55,004	59,267
S&E	12,484	13,394	13,975	14,364	14,689	14,637	15,034	15,037	15,852	16,869	18,102
Science	10,593	11,365	11,849	12,242	12,466	12,438	12,830	12,799	13,575	14,581	15,746
Agricultural sciences	179	196	168	177	188	186	238	232	244	259	274
Biological sciences	1,275	1,292	1,316	1,296	1,394	1,554	1,627	1,724	1,933	1,943	2,100
Computer sciences	2,694	3,238	3,482	3,432	3,171	2,964	2,673	2,538	2,771	3,096	3,387
Earth, atmospheric, and ocean sciences	30	33	25	30	28	41	45	53	58	65	60
Atmospheric sciences	5	7	10	5	5	7	15	13	17	18	9
Earth sciences	22	22	14	21	22	32	27	39	38	43	47
Ocean sciences	3	4	1	4	1	2	3	1	3	4	4
Mathematics and statistics	373	374	336	416	420	405	397	439	412	409	499

TABLE 5-5. Bachelor's degrees awarded to men, by field, citizenship, and race or ethnicity: 2002–12

Field, citizenship, and race or ethnicity	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Physical sciences	407	377	366	379	414	444	450	476	460	479	507
Astronomy	2	0	1	1	5	3	3	5	5	5	2
Chemistry	277	255	246	252	269	304	335	343	311	337	384
Physics	113	106	104	109	122	120	99	106	114	111	99
Other	15	16	15	17	18	17	13	22	30	26	22
Psychology	1,537	1,564	1,574	1,631	1,661	1,760	1,966	1,940	2,057	2,194	2,435
Social sciences	4,098	4,291	4,582	4,881	5,190	5,084	5,434	5,397	5,640	6,136	6,484
Anthropology	54	60	81	77	84	92	81	102	109	146	116
Area and ethnic studies	274	237	259	307	345	320	353	351	323	411	350
Economics	628	708	754	770	829	783	855	843	923	893	906
History of science	1	3	3	1	1	3	4	4	4	2	5
Linguistics	5	8	2	7	10	15	24	13	11	13	22
Political science and public administration	1,326	1,448	1,533	1,650	1,851	1,780	1,844	1,825	1,984	2,134	2,289
Sociology	1,150	1,142	1,181	1,249	1,264	1,327	1,408	1,352	1,390	1,447	1,561
Other	660	685	769	820	806	764	865	907	896	1,090	1,235
Engineering	1,891	2,029	2,126	2,122	2,223	2,199	2,204	2,238	2,277	2,288	2,356
Aerospace engineering	34	48	58	61	66	56	64	69	85	75	58
Chemical engineering	156	149	149	121	101	116	134	134	137	174	198
Civil engineering	191	181	187	201	220	265	278	304	344	365	367
Electrical engineering	781	939	1,029	969	991	946	917	913	851	799	803
Industrial engineering	115	147	128	156	147	163	138	143	166	151	180
Materials engineering	12	13	8	8	14	12	18	17	18	15	22
Mechanical engineering	407	348	366	411	437	431	425	431	449	480	494
Other	195	204	201	195	247	210	230	227	227	229	234
Non-S&E	24,824	25,829	27,186	28,541	30,297	31,810	33,682	34,724	36,117	38,135	41,165
Hispanic[b]											
All fields	36,991	38,882	40,985	42,580	44,881	47,474	50,285	52,933	57,416	62,127	69,131
S&E	13,172	14,359	14,859	15,593	16,312	16,878	17,826	18,784	20,336	22,406	25,487
Science	10,091	11,061	11,488	12,121	12,555	13,102	13,819	14,468	15,734	17,496	19,925
Agricultural sciences	305	300	294	294	256	327	396	393	426	518	595
Biological sciences	1,619	1,723	1,590	1,666	1,831	2,033	2,251	2,435	2,768	3,000	3,426
Computer sciences	1,929	2,460	2,697	2,599	2,560	2,340	2,372	2,408	2,534	2,891	3,419
Earth, atmospheric, and ocean sciences	84	68	69	72	73	63	108	120	119	143	185
Atmospheric sciences	9	8	9	13	12	12	21	25	14	14	23
Earth sciences	65	55	58	54	59	49	84	92	98	126	156
Ocean sciences	10	5	2	5	2	2	3	3	7	3	6
Mathematics and statistics	340	374	368	473	485	524	503	561	594	650	692
Physical sciences	426	449	435	453	476	563	574	579	598	711	776
Astronomy	8	5	17	9	7	11	25	12	18	18	11
Chemistry	283	304	260	287	298	340	357	371	357	441	484
Physics	124	130	141	140	158	200	181	183	209	230	258
Other	11	10	17	17	13	12	11	13	14	22	23
Psychology	1,563	1,492	1,600	1,709	1,775	1,815	1,916	2,072	2,242	2,507	2,908
Social sciences	3,825	4,195	4,435	4,855	5,099	5,437	5,699	5,900	6,453	7,076	7,924
Anthropology	152	161	174	167	178	195	242	221	242	293	341
Area and ethnic studies	226	232	232	266	293	332	316	324	350	377	413
Economics	675	737	825	886	943	979	1,030	1,082	1,246	1,278	1,411
History of science	3	1	2	2	4	3	0	1	2	6	4
Linguistics	9	14	25	18	25	36	30	46	45	46	69
Political science and public administration	1,417	1,584	1,670	1,962	1,982	2,211	2,277	2,319	2,454	2,730	3,000
Sociology	651	683	717	768	835	819	853	899	1,010	1,060	1,250
Other	692	783	790	786	839	862	951	1,008	1,104	1,286	1,436
Engineering	3,081	3,298	3,371	3,472	3,757	3,776	4,007	4,316	4,602	4,910	5,562
Aerospace engineering	81	88	98	113	124	129	138	160	192	187	234

TABLE 5-5. Bachelor's degrees awarded to men, by field, citizenship, and race or ethnicity: 2002–12

Field, citizenship, and race or ethnicity	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Chemical engineering	200	181	175	186	171	172	205	229	266	281	362
Civil engineering	544	569	603	636	697	731	770	912	985	1,036	1,164
Electrical engineering	1,164	1,184	1,267	1,294	1,315	1,288	1,260	1,294	1,225	1,372	1,492
Industrial engineering	189	221	182	183	245	182	195	260	257	278	334
Materials engineering	19	27	34	44	41	29	40	34	41	31	61
Mechanical engineering	681	794	791	782	885	968	1,100	1,024	1,236	1,304	1,466
Other	203	234	221	234	279	277	299	403	400	421	449
Non-S&E	23,819	24,523	26,126	26,987	28,569	30,596	32,459	34,149	37,080	39,721	43,644
American Indian or Alaska Native											
All fields	3,452	3,646	3,986	3,887	3,936	4,215	4,222	4,515	4,517	4,468	4,182
S&E	1,183	1,271	1,489	1,447	1,441	1,469	1,568	1,580	1,641	1,560	1,494
Science	949	1,025	1,246	1,178	1,159	1,231	1,276	1,308	1,352	1,321	1,254
Agricultural sciences	89	72	99	79	83	83	83	102	94	84	93
Biological sciences	163	139	153	188	161	205	215	223	227	230	215
Computer sciences	148	194	341	195	195	186	166	153	185	190	181
Earth, atmospheric, and ocean sciences	17	16	11	11	21	13	11	13	28	15	29
Atmospheric sciences	1	2	1	1	1	3	2	1	3	1	3
Earth sciences	14	12	10	10	20	10	9	12	24	14	26
Ocean sciences	2	2	0	0	0	0	0	0	1	0	0
Mathematics and statistics	29	30	37	48	33	35	48	36	41	48	37
Physical sciences	43	46	47	61	56	58	55	84	65	65	49
Astronomy	1	1	1	1	0	1	1	2	0	1	2
Chemistry	25	31	25	33	35	36	36	52	35	40	27
Physics	14	12	17	26	19	18	15	28	28	23	19
Other	3	2	4	1	2	3	3	2	2	1	1
Psychology	125	120	127	131	129	134	150	154	191	138	181
Social sciences	335	408	431	465	481	517	548	543	521	551	469
Anthropology	24	37	34	28	31	33	38	46	36	34	34
Area and ethnic studies	43	43	57	50	35	64	65	63	52	79	57
Economics	44	59	67	64	76	69	71	83	82	87	59
History of science	0	0	0	0	0	0	1	1	0	0	1
Linguistics	0	5	2	4	1	6	4	7	3	5	4
Political science and public administration	120	132	151	177	181	182	196	158	179	182	144
Sociology	47	64	60	68	72	73	68	94	75	62	67
Other	57	68	60	74	85	90	105	91	94	102	103
Engineering	234	246	243	269	282	238	292	272	289	239	240
Aerospace engineering	15	9	16	12	9	8	13	17	17	14	14
Chemical engineering	21	25	18	16	20	15	26	21	26	17	20
Civil engineering	49	44	47	54	52	56	51	48	64	63	47
Electrical engineering	60	78	68	73	64	52	76	63	64	50	47
Industrial engineering	16	8	6	18	15	9	15	14	16	5	8
Materials engineering	4	3	4	4	5	5	6	3	1	0	3
Mechanical engineering	44	51	61	58	77	60	74	78	71	68	69
Other	25	28	23	34	40	33	31	28	30	22	32
Non-S&E	2,269	2,375	2,497	2,440	2,495	2,746	2,654	2,935	2,876	2,908	2,688
Other or unknown race or ethnicity[c]											
All fields	25,483	29,700	34,746	36,854	38,510	40,264	42,939	45,317	50,580	56,717	59,043
S&E	9,107	11,179	13,005	13,649	13,779	14,297	15,154	15,904	17,942	20,362	21,585
Science	7,434	9,173	10,851	11,357	11,352	11,836	12,464	12,926	14,594	16,343	17,868
Agricultural sciences	329	368	329	347	361	431	392	461	537	644	713
Biological sciences	1,014	1,063	1,116	1,207	1,326	1,592	1,778	1,881	2,225	2,489	2,705
Computer sciences	2,015	2,854	4,023	3,796	3,357	3,007	2,943	2,924	3,256	3,572	4,194

TABLE 5-5. Bachelor's degrees awarded to men, by field, citizenship, and race or ethnicity: 2002–12

Field, citizenship, and race or ethnicity	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Earth, atmospheric, and ocean sciences	93	111	111	101	126	117	134	158	155	207	190
Atmospheric sciences	17	25	9	15	16	13	14	18	16	18	18
Earth sciences	75	84	102	83	107	104	116	133	135	183	166
Ocean sciences	1	2	0	3	3	0	4	7	4	6	6
Mathematics and statistics	287	371	390	447	457	513	556	599	651	682	728
Physical sciences	332	404	395	450	517	584	626	594	765	852	855
Astronomy	9	7	7	11	15	20	13	20	27	17	20
Chemistry	164	179	190	196	253	289	298	303	365	406	422
Physics	145	200	182	225	228	262	293	251	343	344	355
Other	14	18	16	18	21	13	22	20	30	85	58
Psychology	808	882	957	1,022	1,028	1,169	1,263	1,307	1,560	1,742	1,974
Social sciences	2,556	3,120	3,530	3,987	4,180	4,423	4,772	5,002	5,445	6,155	6,509
Anthropology	172	165	184	202	210	205	226	248	250	268	299
Area and ethnic studies	109	130	136	161	174	181	196	209	204	243	247
Economics	636	820	849	949	941	1,000	1,102	1,229	1,350	1,644	1,548
History of science	4	4	6	3	4	2	5	3	5	5	5
Linguistics	22	29	40	47	45	50	46	52	74	61	68
Political science and public administration	910	1,118	1,347	1,493	1,703	1,760	1,941	1,928	2,129	2,255	2,441
Sociology	305	348	375	448	441	510	479	531	604	667	700
Other	398	506	593	684	662	715	777	802	829	1,012	1,201
Engineering	1,673	2,006	2,154	2,292	2,427	2,461	2,690	2,978	3,348	4,019	3,717
Aerospace engineering	53	66	95	67	104	109	116	124	147	165	153
Chemical engineering	102	131	115	111	126	139	144	179	194	272	297
Civil engineering	185	234	288	291	329	356	427	502	613	779	577
Electrical engineering	660	797	872	886	860	812	790	840	897	983	884
Industrial engineering	66	77	76	110	86	79	91	101	153	199	145
Materials engineering	21	35	35	33	20	30	58	59	46	49	73
Mechanical engineering	430	457	479	560	630	627	731	772	890	1,097	1,074
Other	156	209	194	234	272	309	333	401	408	475	514
Non-S&E	16,376	18,521	21,741	23,205	24,731	25,967	27,785	29,413	32,638	36,355	37,458
Temporary resident											
All fields	21,504	22,450	23,204	23,266	23,246	22,513	21,697	22,348	23,420	26,194	29,716
S&E	9,662	10,606	11,174	11,051	10,486	9,826	9,334	9,494	10,300	11,895	13,699
Science	6,148	7,106	7,534	7,271	6,803	6,322	5,965	6,248	6,725	7,708	8,669
Agricultural sciences	113	118	104	117	119	112	105	91	127	154	155
Biological sciences	538	603	641	723	788	860	897	932	1,015	1,070	1,159
Computer sciences	2,669	3,319	3,571	3,014	2,364	1,899	1,394	1,418	1,465	1,633	1,878
Earth, atmospheric, and ocean sciences	33	30	25	44	42	28	37	51	61	88	75
Atmospheric sciences	4	6	2	6	2	5	3	6	3	5	7
Earth sciences	28	24	22	37	39	23	34	45	57	83	67
Ocean sciences	1	0	1	1	1	0	0	0	1	0	1
Mathematics and statistics	278	395	385	453	487	439	451	506	601	756	1,030
Physical sciences	315	302	343	379	427	428	460	462	445	497	561
Astronomy	9	7	4	9	10	8	12	3	7	11	2
Chemistry	172	160	166	183	199	213	222	248	248	268	291
Physics	121	124	138	145	189	168	182	174	162	194	248
Other	13	11	35	42	29	39	44	37	28	24	20
Psychology	310	281	305	316	321	342	326	337	366	402	448
Social sciences	1,892	2,058	2,160	2,225	2,255	2,214	2,295	2,451	2,645	3,108	3,363
Anthropology	37	25	31	34	32	26	42	27	31	29	29
Area and ethnic studies	51	52	50	59	57	52	59	85	65	73	73
Economics	1,083	1,175	1,276	1,297	1,283	1,287	1,315	1,440	1,587	1,890	2,147
History of science	1	1	0	1	1	3	0	0	0	1	0

TABLE 5-5. Bachelor's degrees awarded to men, by field, citizenship, and race or ethnicity: 2002–12

Field, citizenship, and race or ethnicity	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Linguistics	12	18	14	17	18	10	14	19	14	21	28
Political science and public administration	501	557	534	530	587	536	570	573	628	740	704
Sociology	88	95	101	97	113	118	112	119	118	122	136
Other	119	135	154	190	164	182	183	188	202	232	246
Engineering	3,514	3,500	3,640	3,780	3,683	3,504	3,369	3,246	3,575	4,187	5,030
Aerospace engineering	101	138	148	149	126	155	131	151	180	216	239
Chemical engineering	318	236	248	278	288	269	306	325	400	539	632
Civil engineering	290	279	226	241	245	258	285	279	374	427	532
Electrical engineering	1,581	1,749	1,922	1,948	1,812	1,584	1,350	1,233	1,192	1,426	1,663
Industrial engineering	336	303	281	277	295	269	326	289	325	351	445
Materials engineering	23	25	13	30	28	34	30	45	50	52	56
Mechanical engineering	631	528	545	580	570	629	639	634	720	787	990
Other	234	242	257	277	319	306	302	290	334	389	473
Non-S&E	11,842	11,844	12,030	12,215	12,760	12,687	12,363	12,854	13,120	14,299	16,017

S&E = science and engineering.

[a] Pacific Islander includes Native Hawaiian or Other Pacific Islander.

[b] Beginning in 2008, the category includes Hispanic of one or more races.

[c] Before 2008, the survey did not collect information on more than one race, and the category includes only race and ethnicity unknown. Beginning in 2008, the category includes more than one race as well as race and ethnicity unknown. From 2008 to 2010, the survey gave institutions the option to use the new racial and ethnic categories established by the U.S. Office of Management and Budget (OMB) effective 1 January 2003 and to report race as more than one race. Because the use of the new categories was optional during this period of time, data on students of more than one race were not representative of all students who could be classified as being of more than one race. In 2011, the survey required institutions to begin reporting information on more than one race, along with information in the other racial and ethnic categories, but institutions were not required to update the race and ethnicity data of individuals who were already in the system. Therefore, the number reported for more than one race in 2011 is likely to be an undercount.

NOTES: Race and ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial and ethnic groups. Starting with academic year 2015–16 data, data will reflect OMB's latest race and ethnicity categories; at that point, 4 years of data collected under these categories will become available. Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs and do not match previously published data that were based on accredited higher education institutions.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 2002–12.