

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

Field	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
Science and engineering	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
Mathematical sciences	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 physical sciences	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
Engineering	47,923	50,809	51,417	52,949	54,889	55,621	56,987	57,850	60,706	63,441	67,282
Aerospace, aeronautical, and astronautical 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	3,510	3,263	3,071	2,781	2,850	2,914	3,189	3,332	3,824	4,288	4,821
Civil engineering	6,023	6,247	6,183	6,506	7,279	7,801	8,356	8,787	9,230	10,095	10,259
Electrical, electronics, and communications engineering	11,346	11,854	12,286	12,421	12,274	11,770	11,131	10,595	10,357	10,446	10,876
Industrial and manufacturing engineering	2,636	2,625	2,543	2,666	2,716	2,473	2,557	2,823	3,041	3,121	3,399
Materials science engineering	402	471	459	515	592	586	702	677	743	697	818
Mechanical engineering	11,470	12,067	12,294	12,873	13,961	14,813	15,513	15,592	16,634	17,197	18,259
Other engineering	11,101	12,649	12,676	13,207	12,965	12,888	13,046	13,444	14,133	14,694	15,768
Non-science and engineering	350,965	359,122	373,727	384,834	398,530	413,696	427,069	440,686	452,245	465,099	480,384
Education	30,718	30,223	30,823	31,016	32,125	32,534	32,744	32,846	32,201	32,484	33,891
Health	9,661	9,171	9,692	10,364	12,565	14,309	16,358	17,912	20,747	24,187	28,314
Humanities	72,847	75,724	79,728	83,656	85,337	87,426	89,011	90,519	91,270	92,382	93,152
Professional/other/unknown	237,739	244,004	253,484	259,798	268,503	279,427	288,956	299,409	308,027	316,046	325,027
U.S. citizens and permanent residents, all fields <sup>a</sup>	534,136	556,487	578,384	595,492	613,313	632,880	652,091	669,080	689,916	714,163	742,459
Science and engineering	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
Mathematical sciences	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

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

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Physics	2,696	2,952	3,095	3,154	3,432	3,678	3,706	3,743	3,823	4,026	4,247
Other physical sciences	317	334	236	282	299	300	287	310	367	372	399
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
Engineering	44,409	47,309	47,777	49,169	51,206	52,117	53,618	54,604	57,131	59,254	62,252
Aerospace, aeronautical, and astronautical 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	3,278	3,083	2,886	2,598	2,634	2,710	2,955	3,139	3,564	3,999	4,419
Civil engineering	5,756	6,002	5,972	6,282	7,051	7,562	8,088	8,527	8,886	9,708	9,784
Electrical, electronics, and communications engineering	10,245	10,774	11,016	11,141	10,993	10,595	10,083	9,608	9,398	9,286	9,549
Industrial and manufacturing engineering	2,300	2,322	2,262	2,389	2,421	2,204	2,231	2,534	2,716	2,772	2,956
Materials science engineering	388	456	449	488	570	559	679	634	694	649	767
Mechanical engineering	10,841	11,541	11,750	12,294	13,391	14,186	14,874	14,959	15,916	16,412	17,273
Other engineering	10,267	11,636	11,685	12,146	12,020	12,080	12,346	12,754	13,393	13,741	14,661
Non-science and engineering	339,123	347,278	361,697	372,619	385,770	401,009	414,706	427,832	439,125	450,800	464,367
Education	30,281	29,833	30,419	30,623	31,669	32,091	32,301	32,365	31,775	31,992	33,392
Health	9,499	9,004	9,548	10,187	12,279	13,985	16,030	17,564	20,355	23,760	27,838
Humanities	71,149	74,025	78,056	82,114	83,689	85,773	87,451	88,928	89,670	90,688	91,409
Professional/other/unknown	228,194	234,416	243,674	249,695	258,133	269,160	278,924	288,975	297,325	304,360	311,728
Hispanic or Latino, all fields	36,991	38,882	40,985	42,580	44,881	47,474	50,285	52,933	57,416	62,127	69,131
Science and engineering	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
Mathematical sciences	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 physical sciences	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
Engineering	3,081	3,298	3,371	3,472	3,757	3,776	4,007	4,316	4,602	4,910	5,562
Aerospace, aeronautical, and astronautical engineering	81	88	98	113	124	129	138	160	192	187	234
Chemical engineering	191	172	164	168	156	152	177	193	231	240	305
Civil engineering	515	522	545	592	662	694	730	800	909	961	1,079
Electrical, electronics, and communications engineering	892	860	956	960	988	988	924	981	895	986	1,057
Industrial and manufacturing engineering	189	221	182	183	245	182	195	260	257	278	334
Materials science engineering	13	17	22	35	26	21	28	26	35	23	44
Mechanical engineering	676	788	787	781	883	966	1,099	1,022	1,232	1,303	1,465

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

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Other engineering	524	630	617	640	673	644	716	874	851	932	1,044
Non-science and engineering	23,819	24,523	26,126	26,987	28,569	30,596	32,459	34,149	37,080	39,721	43,644
Education	1,985	2,079	2,152	2,136	2,330	2,439	2,498	2,587	2,612	2,248	2,441
Health	758	723	806	812	960	1,096	1,218	1,345	1,958	2,306	3,024
Humanities	4,517	4,761	5,166	5,626	5,749	6,175	6,519	6,740	7,127	7,929	8,373
Professional/other/unknown	16,559	16,960	18,002	18,413	19,530	20,886	22,224	23,477	25,383	27,238	29,806
Not Hispanic or Latino											
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
Science and engineering	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
Mathematical sciences	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 physical sciences	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
Engineering	234	246	243	269	282	238	292	272	289	239	240
Aerospace, aeronautical, and astronautical engineering	15	9	16	12	9	8	13	17	17	14	14
Chemical engineering	20	23	17	13	14	13	21	15	18	13	18
Civil engineering	44	37	39	46	36	49	46	35	53	57	39
Electrical, electronics, and communications engineering	46	61	51	46	56	36	53	47	46	35	31
Industrial and manufacturing engineering	16	8	6	18	15	9	15	14	16	5	8
Materials science engineering	2	2	2	2	5	4	6	2	1	0	1
Mechanical engineering	42	50	60	58	77	60	74	78	70	68	69
Other engineering	49	56	52	74	70	59	64	64	68	47	60
Non-science and engineering	2,269	2,375	2,497	2,440	2,495	2,746	2,654	2,935	2,876	2,908	2,688
Education	264	254	272	255	238	238	260	248	243	264	228
Health	78	69	75	84	103	114	127	121	157	169	147
Humanities	410	463	506	546	513	597	560	609	578	536	548
Professional/other/unknown	1,517	1,589	1,644	1,555	1,641	1,797	1,707	1,957	1,898	1,939	1,765
Asian, all fields	35,935	38,069	38,836	41,006	42,997	44,638	46,321	47,409	49,540	51,633	53,913
Science and engineering	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

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

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
Mathematical sciences	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 physical sciences	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
Engineering	5,266	5,558	5,610	6,158	6,459	6,545	6,485	6,480	6,487	6,771	7,121
Aerospace, aeronautical, and astronautical engineering	104	124	143	149	179	207	237	264	255	282	298
Chemical engineering	316	298	282	248	310	376	397	438	502	521	631
Civil engineering	290	293	286	332	498	609	639	737	726	870	836
Electrical, electronics, and communications engineering	2,024	2,061	2,136	2,361	2,245	2,129	1,936	1,716	1,623	1,652	1,650
Industrial and manufacturing engineering	212	230	223	221	239	228	240	252	250	269	279
Materials science engineering	40	50	58	58	95	81	95	90	99	103	94
Mechanical engineering	741	778	716	852	1,016	1,205	1,276	1,278	1,317	1,343	1,430
Other engineering	1,539	1,724	1,766	1,937	1,877	1,710	1,665	1,705	1,715	1,731	1,903
Non-science and engineering	16,540	17,138	17,497	18,714	20,502	21,621	22,261	23,047	24,251	24,897	25,962
Education	610	566	525	534	624	714	684	774	758	854	877
Health	674	624	609	639	864	1,001	1,294	1,465	1,782	2,011	2,401
Humanities	3,045	3,126	3,312	3,516	3,844	3,968	4,071	4,101	4,219	4,104	4,111
Professional/other/unknown	12,211	12,822	13,051	14,025	15,170	15,938	16,212	16,707	17,492	17,928	18,573
Black or African American, all fields	37,308	39,223	41,161	42,905	44,986	46,447	48,716	49,761	51,969	55,004	59,267
Science and engineering	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
Mathematical sciences	373	374	336	416	420	405	397	439	412	409	499
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 physical sciences	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

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

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Engineering	1,891	2,029	2,126	2,122	2,223	2,199	2,204	2,238	2,277	2,288	2,356
Aerospace, aeronautical, and astronautical engineering	34	48	58	61	66	56	64	69	85	75	58
Chemical engineering	148	143	144	114	100	102	117	124	118	154	173
Civil engineering	170	152	161	166	192	239	247	268	316	330	335
Electrical, electronics, and communications engineering	642	690	785	736	767	731	701	718	649	595	569
Industrial and manufacturing engineering	115	147	128	156	147	163	138	143	166	151	180
Materials science engineering	9	10	8	5	12	9	15	17	15	13	20
Mechanical engineering	407	344	365	408	436	431	423	429	449	480	491
Other engineering	366	495	477	476	503	468	499	470	479	490	530
Non-science and engineering	24,824	25,829	27,186	28,541	30,297	31,810	33,682	34,724	36,117	38,135	41,165
Education	2,341	2,290	2,243	2,295	2,482	2,582	2,599	2,705	2,711	2,777	2,938
Health	835	794	873	972	1,115	1,300	1,593	1,663	1,891	2,261	2,665
Humanities	3,633	3,675	3,934	4,073	4,406	4,380	4,556	4,698	4,722	4,829	5,114
Professional/other/unknown	18,015	19,070	20,136	21,201	22,294	23,548	24,934	25,658	26,793	28,268	30,448
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
Science and engineering	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
Mathematical sciences	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 physical sciences	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
Engineering	32,264	34,172	34,273	34,856	36,058	36,898	37,940	38,320	40,128	41,027	43,256
Aerospace, aeronautical, and astronautical 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	2,507	2,328	2,171	1,950	1,936	1,946	2,110	2,207	2,521	2,839	3,032
Civil engineering	4,563	4,787	4,690	4,886	5,369	5,668	6,052	6,230	6,349	6,860	6,997
Electrical, electronics, and communications engineering	6,162	6,570	6,477	6,447	6,335	6,156	5,912	5,521	5,549	5,332	5,616
Industrial and manufacturing engineering	1,702	1,639	1,647	1,701	1,689	1,543	1,552	1,764	1,874	1,870	2,010
Materials science engineering	316	348	333	361	412	424	495	452	505	466	546
Mechanical engineering	8,545	9,125	9,344	9,636	10,351	10,898	11,275	11,383	11,961	12,126	12,744
Other engineering	7,422	8,215	8,264	8,446	8,322	8,551	8,750	8,948	9,501	9,570	10,225
Non-science and engineering	255,295	258,892	266,650	272,732	279,176	288,269	295,865	303,564	306,163	308,784	313,450
Education	23,990	23,515	23,889	24,042	24,544	24,669	24,801	24,583	23,822	23,967	25,202
Health	6,723	6,325	6,643	7,038	8,440	9,562	10,666	11,656	13,032	15,166	17,384
Humanities	55,734	57,757	60,258	63,082	63,370	64,688	65,392	66,380	65,749	65,416	65,503

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

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Professional/other/unknown	168,848	171,295	175,860	178,570	182,822	189,350	195,006	200,945	203,560	204,235	205,361
Other race or unknown, all fields	25,483	29,700	34,746	36,854	38,510	40,264	42,939	45,317	50,580	56,717	59,043
Science and engineering	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
Earth, atmospheric, and ocean sciences	93	111	111	101	126	117	134	158	155	207	190
Mathematical sciences	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 physical sciences	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
Engineering	1,673	2,006	2,154	2,292	2,427	2,461	2,690	2,978	3,348	4,019	3,717
Aerospace, aeronautical, and astronautical engineering	53	66	95	67	104	109	116	124	147	165	153
Chemical engineering	96	119	108	105	118	121	133	162	174	232	260
Civil engineering	174	211	251	260	294	303	374	457	533	630	498
Electrical, electronics, and communications engineering	479	532	611	591	602	555	557	625	636	686	626
Industrial and manufacturing engineering	66	77	76	110	86	79	91	101	153	199	145
Materials science engineering	8	29	26	27	20	20	40	47	39	44	62
Mechanical engineering	430	456	478	559	628	626	727	769	887	1,092	1,074
Other engineering	367	516	509	573	575	648	652	693	779	971	899
Non-science and engineering	16,376	18,521	21,741	23,205	24,731	25,967	27,785	29,413	32,638	36,355	37,458
Education	1,091	1,129	1,338	1,361	1,451	1,449	1,459	1,468	1,629	1,882	1,706
Health	431	469	542	642	797	912	1,132	1,314	1,535	1,847	2,217
Humanities	3,810	4,243	4,880	5,271	5,807	5,965	6,353	6,400	7,275	7,874	7,760
Professional/other/unknown	11,044	12,680	14,981	15,931	16,676	17,641	18,841	20,231	22,199	24,752	25,775
Temporary visa holders, all fields <sup>b</sup>	21,504	22,450	23,204	23,266	23,246	22,513	21,697	22,348	23,420	26,194	29,716
Science and engineering	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
Mathematical sciences	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

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

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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 physical sciences	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
Engineering	3,514	3,500	3,640	3,780	3,683	3,504	3,369	3,246	3,575	4,187	5,030
Aerospace, aeronautical, and astronautical engineering	101	138	148	149	126	155	131	151	180	216	239
Chemical engineering	232	180	185	183	216	204	234	193	260	289	402
Civil engineering	267	245	211	224	228	239	268	260	344	387	475
Electrical, electronics, and communications engineering	1,101	1,080	1,270	1,280	1,281	1,175	1,048	987	959	1,160	1,327
Industrial and manufacturing engineering	336	303	281	277	295	269	326	289	325	349	443
Materials science engineering	14	15	10	27	22	27	23	43	49	48	51
Mechanical engineering	629	526	544	579	570	627	639	633	718	785	986
Other engineering	834	1,013	991	1,061	945	808	700	690	740	953	1,107
Non-science and engineering	11,842	11,844	12,030	12,215	12,760	12,687	12,363	12,854	13,120	14,299	16,017
Education	437	390	404	393	456	443	443	481	426	492	499
Health	162	167	144	177	286	324	328	348	392	427	476
Humanities	1,698	1,699	1,672	1,542	1,648	1,653	1,560	1,591	1,600	1,694	1,743
Professional/other/unknown	9,545	9,588	9,810	10,103	10,370	10,267	10,032	10,434	10,702	11,686	13,299

<sup>a</sup> Race or ethnicity categories are as designated on the survey form. These categories include U.S. citizens and foreign citizens on permanent visas (i.e., resident aliens who have been admitted for permanent residency).

<sup>b</sup> No race or ethnicity data are collected for this group.

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

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