

TABLE 11. Doctoral 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 <sup>a</sup>	21,812	22,257	22,965	23,736	25,023	26,203	26,272	26,332	25,527	26,192	27,390
Science and engineering	15,392	15,761	16,417	17,405	18,375	19,542	19,857	19,840	19,570	20,380	21,233
Science	11,215	11,391	11,662	12,178	12,646	13,401	13,689	13,834	13,766	14,177	14,706
Agricultural sciences	684	686	646	660	621	680	628	661	532	590	642
Biological sciences	3,146	3,091	3,184	3,253	3,377	3,708	3,861	3,834	3,823	3,874	3,936
Computer sciences	639	690	749	905	1,142	1,323	1,387	1,260	1,312	1,350	1,465
Earth, atmospheric, and ocean sciences	477	470	448	470	490	542	548	539	496	522	496
Mathematical sciences	652	729	771	877	932	985	966	1,067	1,123	1,144	1,218
Physical sciences	2,335	2,396	2,470	2,670	2,831	2,905	2,957	2,995	2,924	3,167	3,214
Astronomy	114	127	119	137	141	163	187	178	178	204	190
Chemistry	1,277	1,384	1,350	1,403	1,551	1,486	1,479	1,491	1,440	1,508	1,520
Physics	944	885	1,001	1,130	1,139	1,256	1,291	1,326	1,306	1,455	1,504
Psychology	1,065	1,043	1,081	1,058	936	941	999	991	1,033	1,003	1,047
Social sciences	2,217	2,286	2,313	2,285	2,317	2,317	2,343	2,487	2,523	2,527	2,688
Engineering	4,177	4,370	4,755	5,227	5,729	6,141	6,168	6,006	5,804	6,203	6,527
Aerospace, aeronautical, and astronautical engineering	185	173	177	190	212	236	238	255	215	227	268
Chemical engineering	457	427	488	590	583	620	641	591	574	566	583
Civil engineering	442	465	461	503	538	538	568	559	473	486	389
Electrical, electronics, and communications engineering	1,064	1,091	1,194	1,338	1,535	1,662	1,568	1,433	1,462	1,579	1,598
Industrial and manufacturing engineering	162	159	174	177	167	201	201	186	159	180	165
Materials science engineering	286	339	389	380	430	482	482	466	495	496	556
Mechanical engineering	681	674	670	778	901	940	930	942	858	934	1,042
Other engineering	900	1,042	1,202	1,271	1,363	1,462	1,540	1,574	1,568	1,735	1,926
Non-science and engineering	6,420	6,496	6,548	6,331	6,648	6,661	6,415	6,492	5,957	5,812	6,157
Education	2,196	2,256	2,264	2,065	2,131	2,103	2,158	2,161	1,662	1,432	1,501
Health	528	543	541	563	615	687	662	627	628	655	696
Humanities	2,511	2,501	2,416	2,459	2,558	2,480	2,162	2,260	2,293	2,403	2,537
Professional/other/unknown	1,185	1,196	1,327	1,244	1,344	1,391	1,433	1,444	1,374	1,322	1,423
U.S. citizens and permanent residents, all fields <sup>b</sup>	13,789	13,926	13,774	13,593	14,279	14,248	14,793	15,521	15,273	15,397	16,048
Science and engineering	8,846	8,923	8,915	8,897	9,332	9,478	10,085	10,618	10,830	11,083	11,555
Science	7,118	7,184	7,195	7,087	7,411	7,535	7,879	8,268	8,386	8,574	8,938
Agricultural sciences	311	363	341	334	361	369	346	359	290	336	340
Biological sciences	2,204	2,147	2,197	2,226	2,266	2,418	2,517	2,573	2,575	2,591	2,658
Computer sciences	326	348	346	366	457	510	522	580	608	640	660
Earth, atmospheric, and ocean sciences	269	298	263	279	296	316	319	330	324	327	310
Mathematical sciences	309	365	357	391	448	424	453	540	588	594	610
Physical sciences	1,395	1,391	1,359	1,339	1,427	1,410	1,523	1,606	1,583	1,733	1,816
Astronomy	85	100	82	87	87	101	127	116	127	136	135
Chemistry	811	849	803	768	833	747	795	849	811	833	855
Physics	499	442	474	484	507	562	601	641	645	764	826

TABLE 11. Doctoral 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
Psychology	921	897	899	901	793	794	835	821	871	840	870
Social sciences	1,383	1,375	1,433	1,251	1,363	1,294	1,364	1,459	1,547	1,513	1,674
Engineering	1,728	1,739	1,720	1,810	1,921	1,943	2,206	2,350	2,444	2,509	2,617
Aerospace, aeronautical, and astronautical engineering	82	69	67	87	79	101	109	138	119	127	153
Chemical engineering	230	212	222	230	259	232	273	295	295	265	257
Civil engineering	158	157	135	141	147	174	149	193	153	154	113
Electrical, electronics, and communications engineering	396	364	373	409	420	413	465	484	520	528	494
Industrial and manufacturing engineering	49	49	57	58	40	44	55	44	39	67	46
Materials science engineering	122	137	163	129	159	181	198	170	222	208	255
Mechanical engineering	279	281	233	261	291	289	305	347	341	371	419
Other engineering	412	470	470	495	526	509	652	679	755	789	880
Non-science and engineering	4,943	5,003	4,859	4,696	4,947	4,770	4,708	4,903	4,443	4,314	4,493
Education	1,809	1,863	1,802	1,691	1,782	1,731	1,799	1,845	1,391	1,163	1,236
Health	340	351	346	362	375	387	385	403	389	421	437
Humanities	2,082	2,082	1,993	1,935	2,046	1,934	1,745	1,801	1,855	1,929	2,014
Professional/other/unknown	712	707	718	708	744	718	779	854	808	801	806
Hispanic or Latino, all fields	602	669	596	608	695	736	749	854	813	899	948
Science and engineering	346	381	355	394	434	453	508	541	553	638	673
Science	273	300	288	334	354	369	420	426	428	494	539
Agricultural sciences	13	15	5	8	14	9	14	11	9	24	23
Biological sciences	70	96	84	114	117	129	147	140	155	164	161
Computer sciences	12	6	10	9	4	16	14	15	15	23	23
Earth, atmospheric, and ocean sciences	12	9	6	10	10	7	7	15	15	11	12
Mathematical sciences	8	10	19	18	15	17	24	24	30	22	34
Physical sciences	41	50	38	42	49	63	63	66	57	85	86
Astronomy	3	2	4	1	2	5	3	2	5	6	6
Chemistry	20	28	22	26	37	36	42	44	25	53	36
Physics	18	20	12	15	10	22	18	20	27	26	44
Psychology	55	54	56	62	54	55	75	60	53	66	87
Social sciences	62	60	70	71	91	73	76	95	94	99	113
Engineering	73	81	67	60	80	84	88	115	125	144	134
Aerospace, aeronautical, and astronautical engineering	3	4	3	5	1	6	4	10	4	8	8
Chemical engineering	9	11	7	14	11	5	13	12	14	20	14
Civil engineering	6	7	14	8	9	12	8	11	10	15	8
Electrical, electronics, and communications engineering	25	12	12	11	15	22	21	22	28	29	27
Industrial and manufacturing engineering	2	3	3	1	3	2	3	3	4	5	2
Materials science engineering	3	8	5	3	8	5	5	5	12	9	13
Mechanical engineering	7	12	8	7	6	10	10	18	18	16	22
Other engineering	18	24	15	11	27	22	24	34	35	42	40
Non-science and engineering	256	288	241	214	261	283	241	313	260	261	275
Education	104	119	96	84	95	103	110	137	92	65	82

TABLE 11. Doctoral 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
Health	9	11	9	13	13	24	19	19	16	19	26
Humanities	117	132	104	83	117	120	79	114	115	131	126
Professional/other/unknown	26	26	32	34	36	36	33	43	37	46	41
Not Hispanic or Latino											
American Indian or Alaska Native, all fields	69	56	58	58	56	64	51	62	61	53	40
Science and engineering	36	36	33	35	25	43	27	35	46	34	28
Science	30	27	29	27	21	37	22	28	41	27	25
Agricultural sciences	2	3	2	1	1	5	4	2	3	0	2
Biological sciences	6	4	10	6	4	4	5	9	7	6	5
Computer sciences	2	2	2	1	2	1	0	0	2	1	1
Earth, atmospheric, and ocean sciences	0	1	4	1	1	0	1	1	0	1	3
Mathematical sciences	2	1	0	0	0	1	0	3	3	3	0
Physical sciences	7	2	4	4	3	6	2	4	8	3	1
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	5	2	4	2	2	4	2	4	4	3	0
Physics	2	0	0	2	1	2	0	0	4	0	1
Psychology	7	8	3	6	3	8	6	3	9	4	4
Social sciences	4	6	4	8	7	12	4	6	9	9	9
Engineering	6	9	4	8	4	6	5	7	5	7	3
Aerospace, aeronautical, and astronautical engineering	0	0	0	1	0	1	0	1	0	0	0
Chemical engineering	1	0	0	0	0	0	1	2	0	1	1
Civil engineering	0	1	2	0	0	2	0	0	1	0	0
Electrical, electronics, and communications engineering	0	4	0	3	0	1	1	2	0	1	1
Industrial and manufacturing engineering	1	0	0	0	0	0	0	0	0	0	0
Materials science engineering	1	0	0	0	0	0	0	0	0	2	1
Mechanical engineering	1	0	0	3	3	0	1	1	1	1	0
Other engineering	2	4	2	1	1	2	2	1	3	2	0
Non-science and engineering	33	20	25	23	31	21	24	27	15	19	12
Education	16	9	14	8	15	12	14	14	5	8	9
Health	0	2	0	2	4	3	0	4	1	2	0
Humanities	12	7	8	10	8	4	8	6	7	7	2
Professional/other/unknown	5	2	3	3	4	2	2	3	2	2	1
Asian, all fields	1,129	1,087	1,004	1,074	1,160	1,076	1,153	1,212	1,266	1,273	1,326
Science and engineering	943	890	817	888	954	878	955	980	1,037	1,057	1,081
Science	632	624	547	583	642	594	627	626	674	676	712
Agricultural sciences	14	10	8	9	15	8	12	14	11	15	10
Biological sciences	271	279	230	251	265	244	262	251	263	260	285
Computer sciences	61	64	53	65	88	76	76	93	97	110	96
Earth, atmospheric, and ocean sciences	14	14	7	9	11	3	10	4	7	19	17
Mathematical sciences	23	29	37	39	38	39	35	46	44	48	42

TABLE 11. Doctoral 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
Physical sciences	134	112	111	130	104	115	128	109	130	112	132
Astronomy	11	5	5	5	5	2	7	6	6	7	5
Chemistry	73	62	70	74	65	65	74	59	72	49	76
Physics	50	45	36	51	34	48	47	44	52	56	51
Psychology	38	38	26	26	49	26	22	28	38	31	42
Social sciences	77	78	75	54	72	83	82	81	84	81	88
Engineering	311	266	270	305	312	284	328	354	363	381	369
Aerospace, aeronautical, and astronautical engineering	9	5	8	9	13	8	11	12	9	13	13
Chemical engineering	45	34	37	29	37	29	25	35	34	22	28
Civil engineering	15	15	19	18	24	18	13	18	19	25	15
Electrical, electronics, and communications engineering	97	88	75	95	91	93	118	127	112	122	117
Industrial and manufacturing engineering	8	11	7	12	3	8	7	9	3	9	10
Materials science engineering	23	15	21	16	22	29	23	19	33	31	31
Mechanical engineering	48	41	39	40	38	33	28	37	40	42	28
Other engineering	66	57	64	86	84	66	103	97	113	117	127
Non-science and engineering	186	197	187	186	206	198	198	232	229	216	245
Education	40	43	37	44	44	45	52	48	48	44	39
Health	20	37	30	30	31	33	45	47	47	48	39
Humanities	70	66	77	67	78	70	55	65	61	61	75
Professional/other/unknown	56	51	43	45	53	50	46	72	73	63	92
Black or African American, all fields	677	660	723	662	667	712	728	813	723	685	757
Science and engineering	316	289	333	311	309	363	352	390	368	397	423
Science	259	229	272	237	248	302	283	300	273	311	326
Agricultural sciences	8	14	9	4	17	9	12	14	11	12	18
Biological sciences	57	44	61	57	57	72	74	90	71	94	79
Computer sciences	10	12	12	7	11	20	16	21	20	14	21
Earth, atmospheric, and ocean sciences	5	6	6	5	3	8	6	4	7	5	10
Mathematical sciences	6	11	7	15	12	15	16	13	13	14	13
Physical sciences	39	35	36	38	30	53	35	35	38	36	58
Astronomy	0	1	0	2	0	1	0	0	0	0	0
Chemistry	22	27	28	26	19	34	23	25	28	25	35
Physics	17	7	8	10	11	18	12	10	10	11	23
Psychology	42	43	50	40	35	49	33	41	29	43	27
Social sciences	92	64	91	71	83	76	91	82	84	93	100
Engineering	57	60	61	74	61	61	69	90	95	86	97
Aerospace, aeronautical, and astronautical engineering	2	1	1	2	1	0	1	3	2	4	7
Chemical engineering	4	5	3	6	6	9	9	11	8	5	3
Civil engineering	9	5	4	2	9	9	4	7	11	7	5
Electrical, electronics, and communications engineering	8	15	22	18	14	17	11	20	20	23	17
Industrial and manufacturing engineering	3	2	2	7	4	2	5	3	5	5	5
Materials science engineering	2	3	4	5	6	1	10	7	10	8	9

TABLE 11. Doctoral 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
Mechanical engineering	12	8	12	11	9	9	16	18	10	13	15
Other engineering	17	21	13	23	12	14	13	21	29	21	36
Non-science and engineering	361	371	390	351	358	349	376	423	355	288	334
Education	212	235	237	195	209	211	221	253	201	132	161
Health	16	17	27	31	27	17	19	29	30	38	37
Humanities	73	63	71	81	74	72	70	69	69	59	74
Professional/other/unknown	60	56	55	44	48	49	66	72	55	59	62
White, all fields	10,842	10,890	10,798	10,752	11,195	11,151	11,514	11,936	11,809	11,840	12,282
Science and engineering	6,900	6,941	6,957	6,968	7,254	7,384	7,814	8,211	8,386	8,468	8,823
Science	5,695	5,675	5,724	5,653	5,877	5,959	6,190	6,519	6,633	6,683	6,934
Agricultural sciences	267	311	300	306	306	326	295	302	246	276	276
Biological sciences	1,731	1,621	1,727	1,731	1,744	1,887	1,923	1,983	1,989	1,950	2,004
Computer sciences	235	245	252	264	331	377	394	425	440	468	487
Earth, atmospheric, and ocean sciences	233	256	227	247	258	285	287	292	277	282	258
Mathematical sciences	259	298	274	308	368	335	357	432	479	482	491
Physical sciences	1,128	1,120	1,091	1,072	1,198	1,118	1,230	1,319	1,282	1,409	1,470
Astronomy	68	80	67	73	77	88	114	105	114	119	122
Chemistry	669	691	638	618	685	582	625	680	648	671	676
Physics	391	349	386	381	436	448	491	534	520	619	672
Psychology	753	718	735	732	621	630	662	650	700	657	668
Social sciences	1,089	1,106	1,118	993	1,051	1,001	1,042	1,116	1,220	1,159	1,280
Engineering	1,205	1,266	1,233	1,315	1,377	1,425	1,624	1,692	1,753	1,785	1,889
Aerospace, aeronautical, and astronautical engineering	66	58	53	66	57	79	88	106	99	97	116
Chemical engineering	160	155	164	174	197	182	213	226	225	210	200
Civil engineering	121	123	93	108	103	128	119	155	109	101	82
Electrical, electronics, and communications engineering	247	230	244	274	278	260	292	301	336	335	306
Industrial and manufacturing engineering	33	32	40	37	30	31	37	27	25	46	28
Materials science engineering	89	108	127	104	114	137	154	128	159	146	185
Mechanical engineering	197	210	163	193	219	225	241	258	258	282	334
Other engineering	292	350	349	359	379	383	480	491	542	568	638
Non-science and engineering	3,942	3,949	3,841	3,784	3,941	3,767	3,700	3,725	3,423	3,372	3,459
Education	1,375	1,393	1,371	1,316	1,376	1,319	1,350	1,337	1,006	880	906
Health	286	270	266	273	285	295	292	284	282	295	313
Humanities	1,732	1,735	1,658	1,636	1,699	1,600	1,462	1,465	1,518	1,602	1,660
Professional/other/unknown	549	551	546	559	581	553	596	639	617	595	580
More than one race, all fields	112	168	172	167	208	210	238	305	271	350	350
Science and engineering	74	116	115	115	152	145	163	213	193	269	268
Science	57	104	98	102	119	115	130	178	151	213	217
Agricultural sciences	2	3	3	3	3	4	4	6	3	4	4
Biological sciences	14	35	27	29	39	42	45	56	45	68	75

TABLE 11. Doctoral 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
Computer sciences	1	7	6	9	10	5	7	13	14	13	15
Earth, atmospheric, and ocean sciences	2	4	1	2	4	2	3	5	5	3	4
Mathematical sciences	4	6	7	2	5	5	3	8	8	13	18
Physical sciences	12	15	26	19	15	18	27	28	33	48	33
Astronomy	1	5	2	1	2	2	3	1	0	2	0
Chemistry	3	8	14	11	7	9	11	17	16	16	18
Physics	8	2	10	7	6	7	13	10	17	30	15
Psychology	9	14	8	15	18	13	15	25	21	20	26
Social sciences	13	20	20	23	25	26	26	37	22	44	42
Engineering	17	12	17	13	33	30	33	35	42	56	51
Aerospace, aeronautical, and astronautical engineering	0	0	1	2	2	3	0	2	1	2	4
Chemical engineering	2	1	2	3	4	0	5	4	4	4	7
Civil engineering	1	0	1	2	0	2	2	0	2	1	1
Electrical, electronics, and communications engineering	5	3	3	0	9	6	9	5	12	12	9
Industrial and manufacturing engineering	0	0	2	0	0	0	3	1	1	1	0
Materials science engineering	2	1	1	0	3	5	1	3	4	7	7
Mechanical engineering	2	3	2	2	5	4	2	5	5	9	10
Other engineering	5	4	5	4	10	10	11	15	13	20	13
Non-science and engineering	38	52	57	52	56	65	75	92	78	81	82
Education	12	21	13	19	14	24	21	33	23	21	21
Health	2	4	6	6	3	4	4	12	8	12	11
Humanities	23	21	24	20	33	28	39	35	35	31	39
Professional/other/unknown	1	6	14	7	6	9	11	12	12	17	11
Other race or unknown, all fields	358	396	423	272	298	299	360	339	330	297	345
Science and engineering	231	270	305	186	204	212	266	248	247	220	259
Science	172	225	237	151	150	159	207	191	186	170	185
Agricultural sciences	5	7	14	3	5	8	5	10	7	5	7
Biological sciences	55	68	58	38	40	40	61	44	45	49	49
Computer sciences	5	12	11	11	11	15	15	13	20	11	17
Earth, atmospheric, and ocean sciences	3	8	12	5	9	11	5	9	13	6	6
Mathematical sciences	7	10	13	9	10	12	18	14	11	12	12
Physical sciences	34	57	53	34	28	37	38	45	35	40	36
Astronomy	2	7	4	5	1	3	0	2	2	2	2
Chemistry	19	31	27	11	18	17	18	20	18	16	14
Physics	13	19	22	18	9	17	20	23	15	22	20
Psychology	17	22	21	20	13	13	22	14	21	19	16
Social sciences	46	41	55	31	34	23	43	42	34	28	42
Engineering	59	45	68	35	54	53	59	57	61	50	74
Aerospace, aeronautical, and astronautical engineering	2	1	1	2	5	4	5	4	4	3	5
Chemical engineering	9	6	9	4	4	7	7	5	10	3	4
Civil engineering	6	6	2	3	2	3	3	2	1	5	2

TABLE 11. Doctoral 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
Electrical, electronics, and communications engineering	14	12	17	8	13	14	13	7	12	6	17
Industrial and manufacturing engineering	2	1	3	1	0	1	0	1	1	1	1
Materials science engineering	2	2	5	1	6	4	5	8	4	5	9
Mechanical engineering	12	7	9	5	11	8	7	10	9	8	10
Other engineering	12	10	22	11	13	12	19	20	20	19	26
Non-science and engineering	127	126	118	86	94	87	94	91	83	77	86
Education	50	43	34	25	29	17	31	23	16	13	18
Health	7	10	8	7	12	11	6	8	5	7	11
Humanities	55	58	51	38	37	40	32	47	50	38	38
Professional/other/unknown	15	15	25	16	16	19	25	13	12	19	19
Temporary visa holders, all fields <sup>c</sup>	6,776	7,260	7,917	8,764	9,405	10,023	9,989	9,564	8,764	9,172	9,548
Science and engineering	5,737	6,150	6,711	7,575	8,143	8,684	8,733	8,378	7,657	8,065	8,370
Science	3,474	3,681	3,889	4,449	4,637	4,972	5,092	4,919	4,609	4,753	4,885
Agricultural sciences	318	284	266	285	235	269	255	269	207	232	269
Biological sciences	780	805	829	880	948	1,082	1,137	1,107	1,050	1,080	1,096
Computer sciences	287	312	378	491	634	717	801	617	609	612	694
Earth, atmospheric, and ocean sciences	181	148	164	166	167	201	208	194	148	158	166
Mathematical sciences	318	335	384	443	455	491	459	481	487	481	526
Physical sciences	823	928	1,015	1,192	1,269	1,286	1,290	1,254	1,200	1,263	1,213
Astronomy	27	24	34	50	46	56	51	57	44	61	47
Chemistry	397	486	487	556	632	622	598	569	557	594	571
Physics	399	418	494	586	591	608	641	628	599	608	595
Psychology	62	74	71	81	87	69	88	85	76	75	71
Social sciences	705	795	782	911	842	857	854	912	832	852	850
Engineering	2,263	2,469	2,822	3,126	3,506	3,712	3,641	3,459	3,048	3,312	3,485
Aerospace, aeronautical, and astronautical engineering	96	96	104	97	109	107	116	110	85	86	96
Chemical engineering	206	204	242	317	296	343	340	285	256	269	287
Civil engineering	264	294	311	339	359	332	383	343	295	300	251
Electrical, electronics, and communications engineering	620	688	755	861	1,041	1,099	1,016	897	852	932	985
Industrial and manufacturing engineering	107	106	114	111	111	132	136	138	111	107	110
Materials science engineering	147	190	211	228	252	274	258	279	249	261	259
Mechanical engineering	374	366	414	472	574	591	576	571	461	500	550
Other engineering	449	525	671	701	764	834	816	836	739	857	947
Non-science and engineering	1,039	1,110	1,206	1,189	1,262	1,339	1,256	1,186	1,107	1,107	1,178
Education	197	238	259	216	221	212	204	193	175	173	155
Health	143	166	167	163	184	226	219	178	191	176	203
Humanities	311	306	314	383	359	356	292	325	296	337	347
Professional/other/unknown	388	400	466	427	498	545	541	490	445	421	473
Citizenship unknown, all fields	1,247	1,071	1,274	1,379	1,339	1,932	1,490	1,247	1,490	1,623	1,794
Science and engineering	809	688	791	933	900	1,380	1,039	844	1,083	1,232	1,308

TABLE 11. Doctoral 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
Science	623	526	578	642	598	894	718	647	771	850	883
Agricultural sciences	55	39	39	41	25	42	27	33	35	22	33
Biological sciences	162	139	158	147	163	208	207	154	198	203	182
Computer sciences	26	30	25	48	51	96	64	63	95	98	111
Earth, atmospheric, and ocean sciences	27	24	21	25	27	25	21	15	24	37	20
Mathematical sciences	25	29	30	43	29	70	54	46	48	69	82
Physical sciences	117	77	96	139	135	209	144	135	141	171	185
Astronomy	2	3	3	0	8	6	9	5	7	7	8
Chemistry	69	49	60	79	86	117	86	73	72	81	94
Physics	46	25	33	60	41	86	49	57	62	83	83
Psychology	82	72	111	76	56	78	76	85	86	88	106
Social sciences	129	116	98	123	112	166	125	116	144	162	164
Engineering	186	162	213	291	302	486	321	197	312	382	425
Aerospace, aeronautical, and astronautical engineering	7	8	6	6	24	28	13	7	11	14	19
Chemical engineering	21	11	24	43	28	45	28	11	23	32	39
Civil engineering	20	14	15	23	32	32	36	23	25	32	25
Electrical, electronics, and communications engineering	48	39	66	68	74	150	87	52	90	119	119
Industrial and manufacturing engineering	6	4	3	8	16	25	10	4	9	6	9
Materials science engineering	17	12	15	23	19	27	26	17	24	27	42
Mechanical engineering	28	27	23	45	36	60	49	24	56	63	73
Other engineering	39	47	61	75	73	119	72	59	74	89	99
Non-science and engineering	438	383	483	446	439	552	451	403	407	391	486
Education	190	155	203	158	128	160	155	123	96	96	110
Health	45	26	28	38	56	74	58	46	48	58	56
Humanities	118	113	109	141	153	190	125	134	142	137	176
Professional/other/unknown	85	89	143	109	102	128	113	100	121	100	144

<sup>a</sup> Total includes persons with unknown citizenship, race, and ethnicity.

<sup>b</sup> Race or ethnicity categories are as designated on the survey form. American Indian or Alaska Native, Asian, black or African American, and white are single race and not Hispanic or Latino; Hispanic or Latino may be of any race. The other race or unknown category includes Native Hawaiian or Other Pacific Islander, doctorate recipients who are not Hispanic and did not indicate their race, and doctorate recipients with unknown race or ethnicity. These categories include U.S. citizens and foreign citizens on permanent visas (i.e., resident aliens who have been admitted for permanent residency).

<sup>c</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.