

TABLE 12. Doctoral degrees awarded to women, by field, citizenship, ethnicity, and race of recipients: 2002–12

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
All fields ^a	18,141	18,509	19,156	19,582	20,560	21,904	22,495	23,187	22,489	22,694	23,562
Science and engineering	9,174	9,522	9,857	10,539	11,479	12,282	12,973	13,595	13,540	14,077	14,534
Science	8,280	8,611	8,836	9,357	10,027	10,677	11,280	11,963	11,799	12,303	12,651
Agricultural sciences	319	374	399	376	412	456	459	504	449	511	523
Biological sciences	2,547	2,605	2,758	3,106	3,271	3,529	3,934	4,185	4,219	4,264	4,494
Computer sciences	167	177	199	221	311	332	400	349	352	361	380
Earth, atmospheric, and ocean sciences	212	213	238	244	266	333	316	338	366	330	345
Mathematical sciences	265	264	305	326	393	402	433	483	467	460	481
Physical sciences	848	891	865	971	1,094	1,175	1,124	1,280	1,269	1,325	1,345
Astronomy	27	40	46	49	56	59	62	84	88	84	85
Chemistry	645	656	636	723	810	832	767	895	864	922	897
Physics	176	195	183	199	228	284	295	301	317	319	363
Psychology	2,137	2,234	2,246	2,263	2,322	2,335	2,359	2,481	2,389	2,575	2,566
Social sciences	1,785	1,853	1,826	1,850	1,958	2,115	2,255	2,343	2,288	2,477	2,517
Engineering	894	911	1,021	1,182	1,452	1,605	1,693	1,632	1,741	1,774	1,883
Aerospace, aeronautical, and astronautical engineering	24	27	24	29	25	31	28	41	37	34	39
Chemical engineering	150	141	150	183	216	197	232	216	248	256	256
Civil engineering	97	87	86	118	117	165	145	148	169	147	106
Electrical, electronics, and communications engineering	143	147	194	205	250	304	319	260	315	301	337
Industrial and manufacturing engineering	68	55	43	41	67	78	79	65	55	78	62
Materials science engineering	78	99	85	112	152	164	154	159	175	166	184
Mechanical engineering	88	78	84	114	144	131	152	152	125	150	178
Other engineering	246	277	355	380	481	535	584	591	617	642	721
Non-science and engineering	8,967	8,987	9,299	9,043	9,081	9,622	9,522	9,592	8,949	8,617	9,028
Education	4,299	4,395	4,370	4,152	3,985	4,344	4,402	4,366	3,624	3,234	3,297
Health	1,126	1,090	1,177	1,217	1,288	1,452	1,427	1,467	1,484	1,447	1,650
Humanities	2,529	2,518	2,597	2,485	2,561	2,390	2,341	2,400	2,456	2,542	2,715
Professional/other/unknown	1,013	984	1,155	1,189	1,247	1,436	1,352	1,359	1,385	1,394	1,366
U.S. citizens and permanent residents, all fields ^b	13,968	14,257	14,279	14,368	14,775	15,273	16,082	16,842	16,328	16,330	16,879
Science and engineering	6,724	6,850	6,872	7,153	7,540	7,852	8,474	9,135	9,171	9,540	9,766
Science	6,279	6,410	6,399	6,674	6,959	7,246	7,719	8,316	8,308	8,729	8,845
Agricultural sciences	181	202	227	226	228	260	258	314	288	326	296
Biological sciences	1,924	1,921	2,013	2,172	2,242	2,417	2,631	2,961	3,009	3,024	3,212
Computer sciences	98	99	102	102	132	130	176	154	178	179	157
Earth, atmospheric, and ocean sciences	163	154	175	165	178	237	218	230	249	228	228
Mathematical sciences	134	152	154	152	171	179	220	231	250	219	229
Physical sciences	531	564	502	561	580	608	619	753	741	804	757
Astronomy	21	30	33	34	38	33	48	58	63	62	56
Chemistry	419	419	383	445	443	445	438	544	512	574	527
Physics	91	115	86	82	99	130	133	151	166	168	174

TABLE 12. Doctoral degrees awarded to women, by field, citizenship, ethnicity, and race of recipients: 2002–12

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Psychology	1,890	1,975	1,901	1,996	2,038	1,986	2,063	2,100	2,003	2,221	2,175
Social sciences	1,358	1,343	1,325	1,300	1,390	1,429	1,534	1,573	1,590	1,728	1,791
Engineering	445	440	473	479	581	606	755	819	863	811	921
Aerospace, aeronautical, and astronautical engineering	11	11	10	11	12	17	13	22	22	17	28
Chemical engineering	78	70	73	76	101	78	125	116	138	128	119
Civil engineering	49	46	43	51	48	47	58	69	78	62	47
Electrical, electronics, and communications engineering	61	52	60	70	58	80	93	95	107	89	117
Industrial and manufacturing engineering	32	22	20	17	29	29	35	26	23	33	29
Materials science engineering	44	44	35	48	57	69	68	84	91	70	95
Mechanical engineering	43	37	40	41	62	45	67	74	62	69	84
Other engineering	127	158	192	165	214	241	296	333	342	343	402
Non-science and engineering	7,244	7,407	7,407	7,215	7,235	7,421	7,608	7,707	7,157	6,790	7,113
Education	3,608	3,787	3,650	3,564	3,390	3,628	3,785	3,740	3,086	2,715	2,790
Health	862	873	920	929	998	1,105	1,113	1,163	1,183	1,115	1,259
Humanities	2,047	2,056	2,064	1,927	2,021	1,785	1,827	1,896	1,974	2,036	2,178
Professional/other/unknown	727	691	773	795	826	903	883	908	914	924	886
Hispanic or Latino, all fields	770	769	708	827	841	918	1,026	1,029	1,028	1,101	1,193
Science and engineering	379	368	366	412	456	479	580	562	599	691	717
Science	354	345	345	383	423	437	534	517	533	644	661
Agricultural sciences	8	11	11	10	15	16	10	17	20	23	17
Biological sciences	114	81	109	114	113	133	168	166	194	193	214
Computer sciences	2	5	3	3	4	2	6	5	8	2	5
Earth, atmospheric, and ocean sciences	2	6	5	8	11	13	10	10	11	12	15
Mathematical sciences	4	7	7	6	10	6	5	12	6	4	12
Physical sciences	22	22	25	32	30	31	37	40	46	53	47
Astronomy	1	1	2	2	1	3	2	3	2	5	2
Chemistry	18	18	22	29	27	21	30	33	37	37	33
Physics	3	3	1	1	2	7	5	4	7	11	12
Psychology	129	117	117	130	161	150	203	173	143	218	204
Social sciences	73	96	68	80	79	86	95	94	105	139	147
Engineering	25	23	21	29	33	42	46	45	66	47	56
Aerospace, aeronautical, and astronautical engineering	0	0	0	1	0	1	0	1	3	0	0
Chemical engineering	7	4	4	6	11	7	8	12	12	8	12
Civil engineering	0	4	3	2	3	6	3	5	8	3	4
Electrical, electronics, and communications engineering	3	3	2	2	1	4	4	1	5	6	5
Industrial and manufacturing engineering	4	1	0	1	3	3	4	3	4	6	3
Materials science engineering	2	3	1	7	4	3	3	4	8	2	5
Mechanical engineering	5	1	2	6	1	2	7	5	5	8	6
Other engineering	4	7	9	4	10	16	17	14	21	14	21
Non-science and engineering	391	401	342	415	385	439	446	467	429	410	476
Education	217	222	177	209	201	240	241	253	183	165	174

TABLE 12. Doctoral degrees awarded to women, by field, citizenship, ethnicity, and race of recipients: 2002–12

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Health	24	34	37	30	34	42	42	32	51	47	52
Humanities	125	115	103	125	111	119	115	132	150	143	190
Professional/other/unknown	25	30	25	51	39	38	48	50	45	55	60
Not Hispanic or Latino, all fields											
American Indian or Alaska Native, all fields	81	88	73	82	62	79	71	84	62	83	62
Science and engineering	33	42	27	32	20	38	32	40	31	40	27
Science	33	39	25	31	20	37	30	35	30	40	24
Agricultural sciences	0	1	2	2	2	3	1	1	0	2	3
Biological sciences	6	8	4	6	2	10	15	10	8	8	10
Computer sciences	0	0	0	0	0	0	0	0	0	0	1
Earth, atmospheric, and ocean sciences	0	1	0	3	0	0	1	1	0	0	0
Mathematical sciences	1	1	0	0	0	1	0	0	0	0	0
Physical sciences	0	1	1	0	1	0	0	0	1	5	1
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	0	1	0	0	1	0	0	0	1	3	1
Physics	0	0	1	0	0	0	0	0	0	2	0
Psychology	8	15	9	9	10	16	7	9	11	12	3
Social sciences	18	12	9	11	5	7	6	14	10	13	6
Engineering	0	3	2	1	0	1	2	5	1	0	3
Aerospace, aeronautical, and astronautical engineering	0	0	0	0	0	0	1	0	0	0	0
Chemical engineering	0	1	1	0	0	0	0	1	0	0	0
Civil engineering	0	0	1	0	0	0	0	0	0	0	1
Electrical, electronics, and communications engineering	0	0	0	0	0	0	0	0	0	0	1
Industrial and manufacturing engineering	0	0	0	0	0	0	0	1	0	0	0
Materials science engineering	0	0	0	0	0	0	0	1	0	0	0
Mechanical engineering	0	1	0	1	0	0	0	1	1	0	1
Other engineering	0	1	0	0	0	1	1	1	0	0	0
Non-science and engineering	48	46	46	50	42	41	39	44	31	43	35
Education	30	32	33	34	21	25	26	32	17	24	20
Health	3	1	3	2	3	4	5	4	4	9	5
Humanities	8	8	5	11	13	8	4	5	6	6	7
Professional/other/unknown	7	5	5	3	5	4	4	3	4	4	3
Asian, all fields	994	973	1,057	1,111	1,261	1,268	1,408	1,495	1,572	1,594	1,654
Science and engineering	682	646	679	747	839	822	965	1,004	1,095	1,125	1,168
Science	582	565	595	647	707	707	797	839	898	946	982
Agricultural sciences	15	16	23	13	15	14	25	16	21	24	19
Biological sciences	292	254	260	285	281	322	341	378	403	399	458
Computer sciences	26	17	19	27	44	31	41	32	41	48	41
Earth, atmospheric, and ocean sciences	10	8	4	9	13	7	15	16	12	14	15
Mathematical sciences	5	24	17	28	32	31	27	38	50	36	31

TABLE 12. Doctoral degrees awarded to women, by field, citizenship, ethnicity, and race of recipients: 2002–12

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Physical sciences	61	72	54	66	79	81	89	99	98	118	97
Astronomy	0	3	4	2	4	4	3	2	3	5	8
Chemistry	50	50	42	50	60	63	65	74	72	87	69
Physics	11	19	8	14	15	14	21	23	23	26	20
Psychology	82	82	127	106	126	124	126	123	133	147	150
Social sciences	91	92	91	113	117	97	133	137	140	160	171
Engineering	100	81	84	100	132	115	168	165	197	179	186
Aerospace, aeronautical, and astronautical engineering	2	2	1	0	3	0	5	3	4	1	3
Chemical engineering	19	9	18	14	21	11	25	21	25	28	25
Civil engineering	6	2	5	6	9	4	8	12	16	6	9
Electrical, electronics, and communications engineering	23	21	16	20	21	32	40	32	37	38	31
Industrial and manufacturing engineering	2	3	3	2	4	3	3	6	3	2	1
Materials science engineering	10	6	8	10	15	9	17	13	19	18	20
Mechanical engineering	15	9	4	6	15	10	8	11	9	6	12
Other engineering	23	29	29	42	44	46	62	67	84	80	85
Non-science and engineering	312	327	378	364	422	446	443	491	477	469	486
Education	99	111	118	110	134	139	158	172	152	142	143
Health	71	50	64	85	89	107	95	96	118	100	131
Humanities	101	118	129	119	130	123	110	133	116	124	123
Professional/other/unknown	41	48	67	50	69	77	80	90	91	103	89
Black or African American, all fields	1,084	1,162	1,269	1,138	1,152	1,263	1,295	1,421	1,280	1,255	1,322
Science and engineering	373	382	423	396	440	430	477	563	535	578	560
Science	345	363	389	370	398	399	435	518	491	532	506
Agricultural sciences	5	8	11	12	8	9	17	18	23	8	17
Biological sciences	69	66	89	100	91	115	119	156	146	156	164
Computer sciences	7	5	5	8	4	11	11	7	10	16	13
Earth, atmospheric, and ocean sciences	0	7	1	1	2	1	3	4	4	3	6
Mathematical sciences	8	5	3	8	8	4	14	12	9	10	10
Physical sciences	28	19	25	17	20	30	30	39	33	43	30
Astronomy	1	0	0	0	0	0	0	0	2	3	0
Chemistry	22	14	20	15	18	28	27	37	26	36	27
Physics	5	5	5	2	2	2	3	2	5	4	3
Psychology	128	126	157	126	144	113	132	140	139	142	133
Social sciences	100	127	98	98	121	116	109	142	127	154	133
Engineering	28	19	34	26	42	31	42	45	44	46	54
Aerospace, aeronautical, and astronautical engineering	0	0	0	0	0	0	1	0	0	1	2
Chemical engineering	5	3	6	7	7	5	7	2	5	9	5
Civil engineering	4	0	2	4	4	1	2	2	2	3	2
Electrical, electronics, and communications engineering	3	4	8	6	4	3	4	8	4	5	11
Industrial and manufacturing engineering	1	2	1	1	6	3	7	3	4	3	5
Materials science engineering	2	1	3	0	2	1	6	11	6	4	5

TABLE 12. Doctoral degrees awarded to women, by field, citizenship, ethnicity, and race of recipients: 2002–12

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Mechanical engineering	4	1	3	0	4	2	2	2	3	3	2
Other engineering	9	8	11	8	15	16	13	17	20	18	22
Non-science and engineering	711	780	846	742	712	833	818	858	745	677	762
Education	483	536	561	488	436	535	525	562	443	370	423
Health	58	62	81	91	101	98	83	113	120	126	141
Humanities	89	93	98	87	88	100	89	87	93	89	101
Professional/other/unknown	81	89	106	76	87	100	121	96	89	92	97
White, all fields	10,619	10,804	10,662	10,761	10,972	11,237	11,756	12,197	11,723	11,660	11,927
Science and engineering	5,052	5,171	5,113	5,326	5,530	5,802	6,125	6,602	6,524	6,739	6,847
Science	4,775	4,868	4,795	5,030	5,175	5,413	5,651	6,083	6,010	6,227	6,266
Agricultural sciences	150	161	172	182	182	212	196	248	217	259	228
Biological sciences	1,393	1,453	1,472	1,609	1,687	1,764	1,904	2,139	2,133	2,156	2,216
Computer sciences	60	66	70	58	80	83	113	104	110	105	92
Earth, atmospheric, and ocean sciences	140	124	152	139	149	205	185	193	211	192	184
Mathematical sciences	111	110	125	106	111	132	169	160	175	158	164
Physical sciences	410	427	381	429	435	445	446	557	533	554	541
Astronomy	18	25	26	28	32	25	43	50	54	47	45
Chemistry	321	317	286	339	326	320	304	388	359	394	371
Physics	71	85	69	62	77	100	99	119	120	113	125
Psychology	1,490	1,563	1,413	1,554	1,521	1,508	1,512	1,569	1,487	1,605	1,593
Social sciences	1,021	964	1,010	953	1,010	1,064	1,126	1,113	1,144	1,198	1,248
Engineering	277	303	318	296	355	389	474	519	514	512	581
Aerospace, aeronautical, and astronautical engineering	8	9	7	8	9	15	6	16	13	14	23
Chemical engineering	45	50	42	44	60	52	81	76	88	78	72
Civil engineering	36	40	31	37	30	33	43	47	52	48	31
Electrical, electronics, and communications engineering	30	21	33	37	31	36	44	47	54	38	64
Industrial and manufacturing engineering	23	15	16	12	15	19	21	12	10	22	19
Materials science engineering	28	32	22	29	35	51	41	51	53	40	62
Mechanical engineering	19	24	29	27	40	29	47	52	41	50	55
Other engineering	88	112	138	102	135	154	191	218	203	222	255
Non-science and engineering	5,567	5,633	5,549	5,435	5,442	5,435	5,631	5,595	5,199	4,921	5,080
Education	2,680	2,798	2,655	2,645	2,505	2,601	2,744	2,609	2,177	1,901	1,935
Health	686	698	704	698	749	814	861	891	851	798	890
Humanities	1,654	1,636	1,643	1,501	1,600	1,364	1,428	1,466	1,518	1,587	1,647
Professional/other/unknown	547	501	547	591	588	656	598	629	653	635	608
More than one race, all fields	162	201	220	231	261	298	288	352	401	379	462
Science and engineering	68	105	113	128	145	175	169	218	251	230	289
Science	66	101	107	111	133	159	157	194	227	213	264
Agricultural sciences	2	2	3	4	2	5	2	7	4	8	7
Biological sciences	15	27	32	28	40	41	54	63	72	71	102

TABLE 12. Doctoral degrees awarded to women, by field, citizenship, ethnicity, and race of recipients: 2002–12

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Computer sciences	0	2	2	3	0	3	2	4	5	5	3
Earth, atmospheric, and ocean sciences	5	4	6	2	1	8	1	3	6	3	6
Mathematical sciences	2	4	1	1	6	1	2	7	7	6	6
Physical sciences	3	9	5	13	8	15	11	13	20	21	29
Astronomy	0	1	0	2	1	1	0	3	2	2	1
Chemistry	3	6	3	9	7	8	6	8	12	11	21
Physics	0	2	2	2	0	6	5	2	6	8	7
Psychology	20	32	35	36	46	47	54	55	64	60	60
Social sciences	19	21	23	24	30	39	31	42	49	39	51
Engineering	2	4	6	17	12	16	12	24	24	17	25
Aerospace, aeronautical, and astronautical engineering	1	0	1	0	0	1	0	0	2	1	0
Chemical engineering	0	2	0	4	2	2	2	2	5	4	5
Civil engineering	0	0	1	1	1	2	2	1	0	2	0
Electrical, electronics, and communications engineering	0	1	1	2	0	3	0	3	1	0	2
Industrial and manufacturing engineering	0	0	0	1	1	0	0	0	2	0	1
Materials science engineering	1	1	0	1	0	4	1	4	3	5	3
Mechanical engineering	0	0	1	1	1	1	2	3	2	2	6
Other engineering	0	0	2	7	7	3	5	11	9	3	8
Non-science and engineering	94	96	107	103	116	123	119	134	150	149	173
Education	40	42	49	39	45	53	45	57	58	64	61
Health	6	11	11	10	9	18	17	15	24	17	19
Humanities	38	34	36	43	46	38	43	42	50	48	70
Professional/other/unknown	10	9	11	11	16	14	14	20	18	20	23
Other race or unknown, all fields	258	260	290	218	226	210	238	264	262	258	259
Science and engineering	137	136	151	112	110	106	126	146	136	137	158
Science	124	129	143	102	103	94	115	130	119	127	142
Agricultural sciences	1	3	5	3	4	1	7	7	3	2	5
Biological sciences	35	32	47	30	28	32	30	49	53	41	48
Computer sciences	3	4	3	3	0	0	3	2	4	3	2
Earth, atmospheric, and ocean sciences	6	4	7	3	2	3	3	3	5	4	2
Mathematical sciences	3	1	1	3	4	4	3	2	3	5	6
Physical sciences	7	14	11	4	7	6	6	5	10	10	12
Astronomy	1	0	1	0	0	0	0	0	0	0	0
Chemistry	5	13	10	3	4	5	6	4	5	6	5
Physics	1	1	0	1	3	1	0	1	5	4	7
Psychology	33	40	43	35	30	28	29	31	26	37	32
Social sciences	36	31	26	21	28	20	34	31	15	25	35
Engineering	13	7	8	10	7	12	11	16	17	10	16
Aerospace, aeronautical, and astronautical engineering	0	0	1	2	0	0	0	2	0	0	0
Chemical engineering	2	1	2	1	0	1	2	2	3	1	0
Civil engineering	3	0	0	1	1	1	0	2	0	0	0

TABLE 12. Doctoral degrees awarded to women, 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	2	2	0	3	1	2	1	4	6	2	3
Industrial and manufacturing engineering	2	1	0	0	0	1	0	1	0	0	0
Materials science engineering	1	1	1	1	1	1	0	0	2	1	0
Mechanical engineering	0	1	1	0	1	1	1	0	1	0	2
Other engineering	3	1	3	2	3	5	7	5	5	6	11
Non-science and engineering	121	124	139	106	116	104	112	118	126	121	101
Education	59	46	57	39	48	35	46	55	56	49	34
Health	14	17	20	13	13	22	10	12	15	18	21
Humanities	32	52	50	41	33	33	38	31	41	39	40
Professional/other/unknown	16	9	12	13	22	14	18	20	14	15	6
Temporary visa holders, all fields ^c	2,978	3,343	3,718	4,087	4,808	5,146	5,277	5,164	4,863	5,052	5,215
Science and engineering	1,968	2,244	2,456	2,855	3,451	3,691	3,904	3,844	3,651	3,743	3,914
Science	1,581	1,795	1,965	2,216	2,656	2,799	3,054	3,086	2,842	2,907	3,072
Agricultural sciences	118	143	153	130	165	164	177	169	136	170	209
Biological sciences	517	593	644	802	909	953	1,167	1,082	1,033	1,043	1,084
Computer sciences	62	68	82	106	164	183	204	172	157	157	193
Earth, atmospheric, and ocean sciences	43	53	60	68	78	84	86	101	103	88	100
Mathematical sciences	121	105	144	160	211	204	193	232	198	209	219
Physical sciences	283	287	332	365	464	495	444	477	450	465	491
Astronomy	4	10	13	13	18	24	13	23	23	20	23
Chemistry	200	202	235	247	325	331	282	318	290	312	307
Physics	79	75	84	105	121	140	149	136	137	133	161
Psychology	96	122	118	128	163	165	162	173	194	164	183
Social sciences	341	424	432	457	502	551	621	680	571	611	593
Engineering	387	449	491	639	795	892	850	758	809	836	842
Aerospace, aeronautical, and astronautical engineering	10	16	12	18	10	12	11	16	14	14	10
Chemical engineering	62	70	65	92	104	110	99	98	103	110	124
Civil engineering	41	40	39	64	58	105	85	75	82	73	50
Electrical, electronics, and communications engineering	73	91	117	124	182	203	202	152	188	176	192
Industrial and manufacturing engineering	27	32	21	17	33	40	39	37	31	44	30
Materials science engineering	29	53	47	62	85	87	80	71	77	88	75
Mechanical engineering	41	38	42	71	75	81	76	75	58	68	79
Other engineering	104	109	148	191	248	254	258	234	256	263	282
Non-science and engineering	1,010	1,099	1,262	1,232	1,357	1,455	1,373	1,320	1,212	1,309	1,301
Education	281	350	368	320	390	389	362	375	302	324	304
Health	183	164	199	226	220	250	241	221	222	236	276
Humanities	344	354	403	391	402	409	378	371	331	383	360
Professional/other/unknown	202	231	292	295	345	407	392	353	357	366	361
Citizenship unknown, all fields	1,195	909	1,159	1,127	977	1,485	1,136	1,181	1,298	1,312	1,468
Science and engineering	482	428	529	531	488	739	595	616	718	794	854

TABLE 12. Doctoral degrees awarded to women, by field, citizenship, ethnicity, and race of recipients: 2002–12

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Science	420	406	472	467	412	632	507	561	649	667	734
Agricultural sciences	20	29	19	20	19	32	24	21	25	15	18
Biological sciences	106	91	101	132	120	159	136	142	177	197	198
Computer sciences	7	10	15	13	15	19	20	23	17	25	30
Earth, atmospheric, and ocean sciences	6	6	3	11	10	12	12	7	14	14	17
Mathematical sciences	10	7	7	14	11	19	20	20	19	32	33
Physical sciences	34	40	31	45	50	72	61	50	78	56	97
Astronomy	2	0	0	2	0	2	1	3	2	2	6
Chemistry	26	35	18	31	42	56	47	33	62	36	63
Physics	6	5	13	12	8	14	13	14	14	18	28
Psychology	151	137	227	139	121	184	134	208	192	190	208
Social sciences	86	86	69	93	66	135	100	90	127	138	133
Engineering	62	22	57	64	76	107	88	55	69	127	120
Aerospace, aeronautical, and astronautical engineering	3	0	2	0	3	2	4	3	1	3	1
Chemical engineering	10	1	12	15	11	9	8	2	7	18	13
Civil engineering	7	1	4	3	11	13	2	4	9	12	9
Electrical, electronics, and communications engineering	9	4	17	11	10	21	24	13	20	36	28
Industrial and manufacturing engineering	9	1	2	7	5	9	5	2	1	1	3
Materials science engineering	5	2	3	2	10	8	6	4	7	8	14
Mechanical engineering	4	3	2	2	7	5	9	3	5	13	15
Other engineering	15	10	15	24	19	40	30	24	19	36	37
Non-science and engineering	713	481	630	596	489	746	541	565	580	518	614
Education	410	258	352	268	205	327	255	251	236	195	203
Health	81	53	58	62	70	97	73	83	79	96	115
Humanities	138	108	130	167	138	196	136	133	151	123	177
Professional/other/unknown	84	62	90	99	76	126	77	98	114	104	119

^a Total includes persons with unknown citizenship, race, and ethnicity.

^b 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).

^c No race or ethnicity data are collected for this group.

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

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates.