

**Table 13. Doctorate recipients, by subfield of study: 2006–16**

Subfield of study	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
All fields	45,620	48,132	48,777	49,552	48,029	48,911	50,945	52,704	53,994	54,909	54,904
Life sciences	9,703	10,702	11,086	11,403	11,319	11,535	11,964	12,208	12,484	12,503	12,568
Agricultural sciences and natural resources	1,146	1,321	1,198	1,283	1,100	1,206	1,255	1,324	1,338	1,434	1,385
Agricultural economics	113	182	111	116	118	106	88	107	96	101	113
Agricultural and horticultural plant breeding	41	39	28	24	31	23	31	21	39	43	62
Agricultural animal breeding	12	15	3	12	7	7	6	8	na	na	na
Agronomy and crop science	56	72	68	77	69	54	73	86	80	81	83
Animal nutrition	46	56	41	34	34	48	57	54	50	40	42
Animal science, poultry or avian	15	22	18	17	12	25	22	23	25	31	21
Animal sciences, other	72	63	77	74	54	69	75	85	103	90	83
Environmental science	132	163	182	201	155	195	182	204	213	182	193
Fishing and fisheries sciences and management	52	43	52	67	34	59	51	53	52	60	47
Food science	97	121	96	110	100	73	108	105	93	125	123
Food science and technology, other	45	33	41	30	37	39	35	48	39	47	40
Forest sciences and biology	32	42	32	43	23	26	25	19	22	37	15
Forest management, forest resources management	37	48	44	52	41	34	29	44	28	36	35
Forestry, other	28	34	17	26	17	35	29	26	20	22	29
Horticulture science	54	48	50	55	42	48	40	41	51	50	32
Natural resource and environmental policy	na	na	na	na	na	na	na	na	35	56	68
Natural resources and conservation	60	70	78	84	88	100	99	92	70	87	72
Natural resources and environmental economics (agricultural sciences)	na	na	na	na	na	na	31	22	28	39	23
Plant pathology and phytopathology, agricultural	63	70	59	61	56	53	71	74	74	57	74
Plant sciences, other	43	46	39	60	49	51	77	67	78	95	52
Soil chemistry, microbiology	20	24	25	18	20	34	15	16	20	17	22
Soil sciences, other	48	59	67	49	39	39	37	51	45	54	39
Wildlife, range management	51	43	55	34	48	50	39	41	29	32	14
Wood science, pulp and paper technology	12	12	2	17	8	15	16	8	4	15	8
Agricultural sciences and natural resources, general	6	5	8	8	2	9	8	9	25	21	73
Agricultural sciences and natural resources, other	11	11	5	14	16	14	11	20	19	16	22
Biological and biomedical sciences	6,652	7,238	7,797	8,025	8,046	8,152	8,322	8,355	8,868	8,792	8,884
Anatomy	21	20	25	15	25	25	23	15	15	24	21
Bacteriology	10	22	22	20	24	22	23	28	25	22	18
Biochemistry (biological sciences)	784	864	899	858	861	867	847	827	820	749	834
Bioinformatics	na	83	147	175	123	140	145	166	183	174	194
Biomedical sciences	278	287	268	300	287	311	366	401	438	417	331
Biometrics and biostatistics	107	120	122	115	127	137	174	145	165	171	198
Biophysics (biological sciences)	183	184	167	195	171	192	193	179	186	181	165
Biotechnology	32	28	32	26	22	33	54	39	45	38	36
Botany and plant biology	92	120	105	113	110	110	110	91	93	97	112
Cancer biology	na	96	289	273	300	396	381	379	455	455	439
Cell, cellular biology, and histology	337	373	376	354	361	379	376	318	335	321	261

**Table 13. Doctorate recipients, by subfield of study: 2006–16**

<b>Subfield of study</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Computational biology	na	na	na	na	69	65	94	115	117	107	133
Developmental biology and embryology	149	177	185	185	193	205	174	197	198	187	162
Ecology	391	469	439	456	431	404	415	468	449	453	482
Endocrinology	18	25	22	33	23	32	26	39	26	22	11
Entomology	117	95	119	131	122	113	120	118	112	109	127
Environmental toxicology	na	na	na	na	39	30	45	33	49	35	45
Epidemiology	na	na	na	na	na	na	na	na	292	378	343
Evolutionary biology	na	42	178	215	214	213	203	209	215	210	200
Genetics, genomics, human and animal	286	372	413	364	383	374	334	396	401	359	338
Immunology	390	394	424	434	452	449	455	471	456	472	402
Microbiology	493	527	538	586	490	462	451	455	463	480	467
Molecular biology, medicine	780	709	786	763	697	716	620	646	670	632	549
Molecular medicine	na	na	na	na	na	na	na	na	na	na	25
Neurosciences, neurobiology	741	777	883	983	954	958	1,053	1,016	1,048	1,092	997
Nutrition sciences	148	164	176	174	180	163	183	177	175	184	204
Parasitology	27	16	23	24	37	26	29	26	26	31	20
Pathology, human and animal	80	105	105	106	79	83	95	95	99	88	49
Pharmacology, human and animal	329	292	281	343	290	301	308	286	292	243	208
Physiology, human and animal	221	243	241	244	258	226	254	210	208	210	167
Plant genetics	62	47	47	48	52	45	41	37	48	58	67
Plant pathology and phytopathology (biological sciences)	26	20	29	26	19	18	25	21	29	20	13
Plant physiology	40	32	26	13	28	15	19	25	17	18	13
Structural biology	na	na	na	na	53	71	57	67	59	64	47
Toxicology	101	117	137	120	99	96	101	99	117	104	85
Virology	na	na	na	na	134	178	162	162	163	164	141
Wildlife biology	na	na	na	na	na	na	na	na	36	47	47
Zoology	101	79	61	79	72	65	51	40	32	46	38
Biological and biomedical sciences, general	187	231	150	173	184	168	223	256	245	258	773
Biological and biomedical sciences, other	121	108	82	81	83	64	92	103	66	72	122
Health sciences	1,905	2,143	2,091	2,095	2,173	2,177	2,387	2,529	2,278	2,277	2,299
Environmental health	75	58	69	42	66	56	67	70	77	79	76
Environmental toxicology	43	37	43	37	na	na	na	na	na	na	na
Epidemiology	229	293	305	273	324	314	365	353	na	na	na
Gerontology (health sciences)	na	na	na	na	10	15	14	13	14	13	26
Health and behavior	na	na	na	na	na	na	na	na	88	125	119
Health services research	na	na	na	na	na	na	na	na	na	na	121
Health systems administration	71	105	70	70	75	84	51	89	89	70	41
Kinesiology, exercise science	189	190	212	211	215	198	228	214	249	264	232
Medical physics, radiological science	na	na	na	na	61	74	80	93	103	84	94
Nursing science	415	484	504	511	482	523	552	510	580	536	481
Oral biology, oral pathology	na	na	na	na	15	22	15	20	15	19	23
Pharmaceutical sciences	154	273	277	277	274	271	295	332	279	270	274
Public health	295	288	229	299	295	266	349	431	400	437	379

**Table 13. Doctorate recipients, by subfield of study: 2006–16**

<b>Subfield of study</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Rehabilitation, therapeutic services	74	76	89	80	61	60	80	85	83	86	108
Speech-language pathology and audiology	120	115	112	121	100	110	119	110	114	117	115
Veterinary sciences	38	71	54	60	57	60	59	67	42	56	49
Health sciences, general	44	27	31	35	37	41	37	62	39	36	93
Health sciences, other	158	126	96	79	101	83	76	80	106	85	68
Physical sciences and earth sciences	4,686	4,956	4,946	5,160	4,995	5,271	5,419	5,584	5,911	5,918	6,252
Chemistry	2,364	2,318	2,246	2,391	2,304	2,432	2,416	2,484	2,673	2,668	2,704
Analytical chemistry	367	397	371	364	402	391	370	417	415	388	392
Chemical biology	na	na	na	na	na	na	na	na	na	na	120
Inorganic chemistry	267	273	301	331	294	320	307	297	372	354	343
Medicinal chemistry <sup>a</sup>	150	na	na	na	na	na	na	na	86	79	72
Organic chemistry	626	653	640	684	599	663	667	643	605	626	564
Physical chemistry	376	328	331	319	360	390	360	355	340	366	379
Polymer chemistry	134	122	106	119	126	123	125	125	127	135	148
Theoretical chemistry	86	86	80	86	86	69	78	74	103	111	88
Chemistry, general	211	310	271	298	269	289	290	364	416	399	417
Chemistry, other	147	149	146	190	168	187	219	209	209	210	181
Geosciences, atmospheric, and ocean sciences	757	875	865	877	862	852	941	989	1,099	1,057	1,227
Atmospheric science and meteorology	146	167	188	167	170	178	205	205	200	213	245
Atmospheric chemistry and climatology	30	38	49	30	39	43	50	49	42	36	41
Atmospheric physics and dynamics	30	39	59	43	45	40	51	43	51	59	58
Meteorology	18	17	23	14	15	29	18	18	32	30	20
Atmospheric science and meteorology, general	40	47	40	55	47	47	61	77	55	62	107
Atmospheric science and meteorology, other	28	26	17	25	24	19	25	18	20	26	19
Geological sciences	432	478	458	492	463	451	462	489	579	554	617
Geochemistry	53	58	78	78	74	70	68	73	85	94	81
Geology	126	143	141	140	128	124	112	126	130	135	127
Geomorphology, glacial geology	24	21	12	22	28	23	16	32	25	27	24
Geophysics and seismology	81	111	116	102	94	95	95	113	151	123	138
Mineralogy and petrology	18	16	16	12	13	19	19	16	15	21	6
Paleontology	30	33	26	31	31	38	41	31	38	30	30
Stratigraphy and sedimentation	19	20	10	18	18	16	16	22	15	17	12
Geological and earth sciences, general	30	26	25	31	36	26	34	33	60	55	154
Geological and earth sciences, other	51	50	34	58	41	40	61	43	60	52	45
Ocean and marine sciences	179	230	219	218	229	223	274	295	320	290	365
Hydrology and water resources	38	42	45	38	47	48	52	51	63	76	130
Marine biology and biological oceanography	na	na	na	na	na	na	100	111	111	85	90
Marine sciences	61	71	75	79	79	69	36	26	41	42	55
Oceanography, chemical and physical	60	109	83	81	87	90	70	92	89	67	79
Ocean and marine sciences, other	20	8	16	20	16	16	16	15	16	20	11
Physics and astronomy	1,565	1,763	1,835	1,892	1,829	1,987	2,062	2,111	2,139	2,193	2,321



**Table 13. Doctorate recipients, by subfield of study: 2006–16**

<b>Subfield of study</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Comparative psychology	5	7	9	9	na	na	na	na	na	na	na
Counseling	409	415	422	422	408	427	392	425	378	417	316
Developmental and child psychology	203	197	197	182	191	218	205	227	245	190	236
Educational psychology (psychology)	59	71	69	73	70	62	67	60	65	60	108
Experimental psychology	125	126	137	145	142	147	134	141	143	144	144
Family psychology	21	43	42	34	45	33	41	33	41	55	13
Health, medical psychology	na	na	na	na	na	na	46	65	80	102	53
Human development and family studies	182	125	121	146	145	145	136	138	141	134	191
Industrial and organizational psychology	175	187	215	196	207	200	222	214	203	221	217
Marriage and family therapy, counseling	na	na	na	na	na	na	na	na	na	na	77
Neuropsychology, physiological psychology	95	95	81	87	82	77	101	112	122	130	69
Personality psychology	30	16	18	19	22	23	20	15	21	21	23
Psychometrics and quantitative psychology	20	35	23	29	36	35	34	44	33	48	49
School psychology (psychology)	123	121	132	122	107	110	118	114	110	116	129
Social psychology	172	199	204	226	210	228	246	211	242	220	219
Psychology, general	207	194	198	209	185	228	220	229	275	291	302
Psychology, other	134	111	166	183	200	210	146	151	153	172	150
Social sciences	3,971	4,033	4,278	4,473	4,462	4,645	4,899	4,988	5,028	5,301	5,132
Anthropology	472	512	483	503	507	553	547	550	524	492	460
Anthropology, cultural	na	na	na	na	na	na	na	na	267	317	290
Anthropology, general	472	512	483	503	507	553	547	550	185	99	90
Anthropology, physical and biological	na	na	na	na	na	na	na	na	72	76	80
Economics	1,029	1,004	1,091	1,118	1,073	1,121	1,243	1,183	1,196	1,255	1,238
Econometrics	33	30	36	31	34	28	40	48	46	40	38
Natural resources and environmental economics (social sciences)	na	na	na	na	na	na	48	49	49	47	59
Other economics	996	974	1,055	1,087	1,039	1,093	1,155	1,086	1,101	1,168	1,141
Political science and government	616	588	628	682	728	685	724	803	777	859	745
Sociology	579	576	601	662	639	657	633	636	679	742	615
Other social sciences	1,275	1,353	1,475	1,508	1,515	1,629	1,752	1,816	1,852	1,953	2,074
American, U.S. studies	107	111	121	116	115	132	121	122	121	130	111
Applied linguistics	na	na	na	na	na	na	na	na	na	na	81
Area, ethnic, cultural studies	23	98	114	112	111	110	113	98	90	80	189
Criminal justice and corrections	na	46	74	75	74	80	80	75	80	111	93
Criminology	100	46	54	61	52	101	86	76	78	105	104
Demography and population studies	24	14	23	18	13	30	17	27	32	21	37
Gender and women's studies	na	na	na	na	na	na	na	na	40	34	72
Geography	205	200	249	209	225	233	270	251	293	301	246
Gerontology (social sciences)	na	na	na	na	18	27	31	32	28	24	22
Health policy analysis	na	na	na	na	na	na	41	69	50	81	61
International relations, international affairs	115	125	82	101	107	113	124	119	105	104	137

**Table 13. Doctorate recipients, by subfield of study: 2006–16**

<b>Subfield of study</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Linguistics	251	226	254	275	240	270	258	285	276	288	237
Public policy analysis	172	212	196	228	244	223	263	279	277	293	230
Statistics (social sciences)	22	29	20	17	21	22	19	24	20	22	44
Urban, city, community and regional planning	na	71	116	92	106	104	121	114	111	128	131
Urban studies, affairs	84	41	28	33	34	31	34	39	35	31	39
Social sciences, general	45	37	37	51	48	39	32	55	59	55	99
Social sciences, other	127	97	107	120	107	114	142	151	157	145	141
Engineering	7,186	7,749	7,864	7,642	7,578	8,032	8,469	9,000	9,628	9,878	9,469
Aerospace, aeronautical, and astronautical engineering	238	267	266	297	252	262	307	348	386	361	369
Bioengineering and biomedical engineering	525	637	762	834	824	898	943	1,039	1,046	1,127	1,089
Chemical engineering	799	817	873	807	822	823	840	824	973	1,002	923
Civil engineering	655	703	713	707	643	634	495	542	617	632	565
Electrical, electronics, and communications engineering	1,786	1,967	1,888	1,693	1,778	1,886	1,938	1,897	1,953	1,998	1,827
Industrial and manufacturing engineering	234	279	280	251	215	258	226	241	298	243	256
Materials science engineering	583	646	636	625	670	662	743	815	833	871	985
Mechanical engineering	1,045	1,071	1,082	1,095	983	1,084	1,220	1,277	1,331	1,466	1,299
Other engineering	1,321	1,362	1,364	1,333	1,391	1,525	1,757	2,017	2,191	2,178	2,156
Agricultural engineering	53	49	61	64	58	60	68	75	80	67	62
Ceramic sciences engineering	8	14	7	5	11	7	5	3	na	na	na
Communications engineering	26	37	26	26	15	16	24	31	29	30	19
Computer engineering	321	404	386	380	374	372	406	417	465	410	402
Engineering management, administration	na	36	39	40	38	37	44	59	44	45	29
Engineering mechanics	102	56	60	63	46	63	48	70	70	66	101
Engineering physics	35	20	26	31	31	32	17	34	30	36	24
Engineering science	44	43	35	42	52	51	45	41	60	72	33
Environmental, environmental health engineering	149	160	153	120	112	144	214	269	270	282	216
Geotechnical and geoenvironmental engineering	na	na	na	na	na	na	49	51	72	68	81
Metallurgical engineering	34	18	22	26	11	30	16	25	24	34	31
Mining and mineral engineering	16	16	13	14	7	6	14	29	na	na	na
Nuclear engineering	67	77	99	73	91	107	101	119	156	130	131
Ocean engineering	15	18	25	29	23	26	21	30	30	36	26
Operations research (engineering)	89	96	80	79	85	83	90	119	117	88	130
Petroleum engineering	47	40	44	54	51	56	67	92	107	104	99
Polymer, plastics engineering	45	74	49	60	57	71	67	61	63	80	60
Robotics	na	na	na	na	31	46	50	59	80	82	120
Structural engineering	na	na	na	na	66	69	81	81	101	125	116
Systems engineering	79	72	80	67	68	79	82	114	95	105	113
Transportation and highway engineering	na	na	na	na	na	na	76	80	101	106	109
Engineering, general	60	35	43	44	36	36	43	24	40	42	108
Engineering, other	131	97	116	116	128	134	129	134	157	170	146
Education	6,122	6,448	6,561	6,528	5,287	4,670	4,803	4,934	4,789	5,098	5,153

**Table 13. Doctorate recipients, by subfield of study: 2006–16**

<b>Subfield of study</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Education administration	2,051	2,161	2,238	2,146	1,439	924	1,057	965	893	920	829
Educational administration and supervision	629	663	665	585	320	217	219	187	170	169	148
Educational and human resource studies, development	na	na	na	na	na	na	78	93	62	68	63
Educational leadership	1,422	1,498	1,573	1,561	1,029	649	673	601	605	620	559
Urban education and leadership	na	na	na	na	90	58	87	84	56	63	59
Education research	2,751	2,671	2,640	2,663	2,443	2,438	2,569	2,703	2,560	2,772	2,386
Counseling education, counseling and guidance	201	220	208	233	211	223	223	257	229	292	276
Curriculum and instruction	1,006	838	744	782	617	590	583	586	552	585	380
Educational and instructional media design	156	177	177	150	121	133	30	17	18	30	26
Educational and instructional technology	na	na	na	na	na	na	164	241	192	201	224
Educational assessment, testing, measurement	58	76	73	89	65	73	57	63	53	65	66
Educational policy analysis	na	na	na	na	122	151	157	171	152	168	173
Educational psychology (education)	255	272	306	326	269	287	302	283	261	286	220
Educational statistics, research methods	72	70	66	60	68	79	70	84	74	92	76
Higher education evaluation and research	492	506	578	512	420	384	448	435	446	519	451
International education	na	na	na	na	65	60	52	65	70	55	57
School psychology (education)	115	111	103	116	132	128	117	131	145	132	117
Social and philosophical foundations of education	159	107	122	124	92	100	98	84	92	90	63
Special education	237	294	263	271	261	230	268	286	276	257	257
Teacher education	250	297	274	332	245	204	156	109	152	156	181
Adult and continuing teacher education	116	155	118	138	91	64	49	23	53	39	65
Elementary teacher education	37	58	63	66	48	45	40	26	36	37	36
Pre-elementary, early childhood teacher education	57	53	60	80	58	52	29	35	29	47	51
Secondary teacher education	40	31	33	48	48	43	38	25	34	33	29
Teaching fields	707	873	912	906	799	805	757	892	915	953	1,167
Agricultural education	21	44	33	29	34	28	30	27	25	30	36
Art education	35	47	44	46	35	48	36	30	42	42	37
Bilingual and multilingual education	na	na	na	na	na	na	35	50	30	27	52
Business education	9	6	14	13	na	na	na	na	na	na	na
English as a second or foreign language	na	na	na	na	na	na	na	na	58	94	70
English education	48	51	71	51	61	64	32	35	31	33	39
Family, consumer, and human sciences	13	20	31	19	23	24	10	19	20	24	16
Foreign languages education	60	64	68	57	60	55	60	54	39	31	39
Health education	43	71	61	53	45	49	35	52	43	53	70
Literacy and reading education	68	102	121	118	83	80	124	126	127	123	137
Mathematics education	98	132	127	161	144	142	114	138	142	133	182
Music education	83	82	76	68	83	86	69	91	104	114	87
Nursing education	7	15	23	13	30	23	18	33	30	32	74



**Table 13. Doctorate recipients, by subfield of study: 2006–16**

Subfield of study	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Physical education and coaching	49	48	50	34	34	43	38	44	35	36	38
Science education	81	105	94	119	96	93	110	114	112	122	133
Social science education	20	21	22	21	21	27	20	22	16	24	29
Teacher education and professional development, other	58	60	64	76	50	43	26	57	61	35	128
Trade and industrial education	14	5	13	28	na	na	na	na	na	na	na
Other education	363	446	497	481	361	299	264	265	269	297	590
Workforce education and development	na	na	na	na	na	na	na	na	32	36	35
Education, general	134	260	239	209	152	122	121	128	135	140	368
Education, other	229	186	258	272	209	177	143	137	102	121	187
Humanities and arts	5,332	5,085	4,736	4,904	5,015	5,226	5,562	5,715	5,524	5,594	5,484
Foreign languages and literature	614	607	627	598	601	644	684	701	674	656	599
Arabic language and literature	9	3	7	5	14	8	12	9	14	6	5
Chinese language and literature	19	17	22	35	41	29	20	37	17	28	17
French language and literature	111	116	120	114	110	114	122	140	139	137	107
Germanic language and literature	75	91	80	70	64	71	90	74	84	72	67
Italian language and literature	30	31	31	39	35	38	50	44	39	40	34
Japanese language and literature	26	21	17	18	27	16	20	21	23	21	10
Latin American languages and literature	na	na	na	na	na	na	57	66	83	79	96
Russian language and literature	28	25	27	18	23	34	24	30	25	21	14
Slavic (other than Russian)	11	4	2	10	na	na	na	na	na	na	na
Spanish language and literature	232	241	244	235	231	247	205	216	181	186	127
Foreign languages and literatures, other	73	58	77	54	56	87	84	64	69	66	122
History	973	937	971	1,045	1,005	1,065	1,087	1,148	1,186	1,146	1,147
African history	27	21	22	29	30	29	38	32	32	30	26
American history, United States and Canada	391	386	384	432	391	432	440	444	433	412	391
Asian history	80	71	74	55	59	68	73	85	78	89	73
European history	216	182	196	214	193	224	187	186	232	198	207
History, science and technology and society	56	51	48	56	46	47	49	53	78	72	66
Latin American history	49	44	62	67	65	52	63	77	73	64	77
Middle, Near East history	na	45	59	61	65	63	60	71	68	82	62
History, general	59	74	64	64	78	68	93	105	121	108	155
History, other	95	63	62	67	78	82	84	95	71	91	90
Letters	1,457	1,340	1,420	1,413	1,516	1,513	1,638	1,606	1,551	1,583	1,533
American literature, United States and Canada	382	334	338	327	361	367	409	397	349	334	342
Classics	78	62	72	77	86	91	101	101	91	94	109
Comparative literature	165	176	166	179	197	192	201	218	196	165	173
Creative writing	na	65	73	76	81	84	93	79	87	97	79
English language	136	160	156	104	146	179	154	92	147	153	127
English literature, British and Commonwealth	437	351	397	388	419	354	423	399	396	412	414
Folklore	14	10	13	10	11	10	6	9	17	6	na
Rhetoric and composition	na	na	na	na	na	na	154	220	207	238	212



**Table 13. Doctorate recipients, by subfield of study: 2006–16**

<b>Subfield of study</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Speech and rhetorical studies	142	131	126	138	152	165	53	33	29	42	39
Letters, general	21	15	34	74	22	25	18	26	12	22	23
Letters, other	82	36	45	40	41	46	26	32	20	20	15
Other humanities and arts	2,288	2,201	1,718	1,848	1,893	2,004	2,153	2,260	2,113	2,209	2,205
Archaeology (humanities)	39	58	47	58	60	87	79	72	105	121	166
Art history, criticism, and conservation	247	227	208	226	248	242	227	265	263	272	278
Bible, biblical studies	na	43	79	74	97	103	95	106	86	87	62
Dance	na	na	na	na	na	na	na	na	na	na	13
Drama, theater arts	85	107	83	104	104	106	111	120	104	86	74
Ethics	na	na	na	na	na	na	29	26	29	30	38
Film, cinema, video studies	na	na	na	na	na	na	62	67	71	67	73
Jewish, Judaic Studies	na	na	na	na	na	na	17	33	27	27	27
Music	921	397	67	74	66	81	67	88	64	54	60
Musicology and ethnomusicology	na	40	106	127	135	137	138	128	140	148	127
Music performance	na	241	60	85	106	93	113	124	77	110	91
Music theory and composition	na	59	90	99	91	95	95	102	104	108	92
Music, other	na	96	17	18	18	22	21	29	20	23	19
Philosophy	370	411	400	422	431	462	497	494	454	463	455
Religion, religious studies	381	325	333	326	282	312	290	301	292	314	254
Theology, religious education	114	104	138	129	160	150	184	173	156	172	212
Humanities, general	23	33	14	49	28	43	16	31	34	27	106
Humanities, other	108	60	76	57	67	71	112	101	87	100	58
Other <sup>b</sup>	2,582	2,841	2,762	2,807	2,729	2,683	2,734	3,023	3,043	3,020	2,943
Business management and administration	1,311	1,506	1,421	1,405	1,366	1,327	1,404	1,551	1,584	1,583	1,510
Accounting	138	170	140	141	148	157	175	168	196	194	177
Banking/financial services	104	5	4	5	5	1	na	na	na	na	na
Business administration and management	355	316	204	173	157	146	221	269	243	232	263
Business, managerial economics	45	31	18	24	29	26	31	24	22	43	26
Finance	na	93	241	213	210	200	232	260	265	241	251
Hospitality, food service and tourism management	na	na	na	na	36	59	57	71	65	46	66
Human resources development	93	88	65	74	70	70	44	44	68	51	30
International business, trade, commerce	31	30	31	37	25	28	21	33	30	24	24
Management information systems, business statistics	137	142	156	136	108	100	103	107	100	102	107
Marketing management and research	164	197	190	183	157	156	174	191	152	181	140
Operations research (business)	65	66	78	51	84	70	80	103	91	110	83
Organizational behavior	111	184	157	167	175	189	163	186	212	189	167
Business management and administration, general	27	108	60	90	102	67	50	40	68	68	116
Business management and administration, other	41	76	77	111	60	58	53	55	72	102	60
Communication	510	560	557	627	638	650	595	645	663	667	673
Communication research	80	99	104	129	120	125	126	155	149	149	183
Communication theory	47	30	32	38	34	29	31	30	39	41	63

**Table 13. Doctorate recipients, by subfield of study: 2006–16**

<b>Subfield of study</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Film, radio, TV and digital communication	na	39	62	64	73	77	43	30	35	37	23
Mass communication, media studies	229	187	175	206	214	212	199	239	251	242	211
Communication, general	101	116	103	120	119	117	117	107	123	119	143
Communication, other	53	89	81	70	78	90	79	84	66	79	50
Non-S&E fields not elsewhere classified	757	772	784	775	725	706	735	827	796	770	760
Architecture and environmental design	92	96	75	81	81	81	109	101	118	116	99
Family, consumer sciences and human sciences	52	42	58	59	48	54	50	57	51	47	39
Law	76	79	88	73	68	57	53	81	76	76	67
Library science	30	36	31	25	40	35	49	39	39	41	32
Parks, sports, recreation, leisure and fitness	59	59	76	69	54	63	61	76	67	52	83
Public administration	98	111	114	129	126	118	132	127	119	121	143
Social work	308	287	338	333	308	289	280	330	325	307	294
Other fields, not elsewhere classified	42	62	4	6	0	9	1	16	1	10	3
Unknown field	4	3	0	0	0	0	0	0	0	0	0

na = not applicable; the field was not on questionnaire's specialties list for that year.

S&E = science and engineering.

<sup>a</sup> This field was "Medicinal/pharmaceutical chemistry" through 2006. It was removed from the taxonomy in 2007–13 and was reinstated in 2014 as "Medicinal chemistry."

<sup>b</sup> Non-science and engineering fields.

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