

Table 13**Doctorate recipients, by fine field of study: 2010–20**

(Number)

Field of study	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
All fields	48,028	48,909	50,943	52,703	53,986	54,886	54,809	54,552	55,085	55,614	55,283
Life sciences	11,319	11,535	11,964	12,207	12,484	12,493	12,539	12,554	12,755	12,753	12,561
Agricultural sciences and natural resources	1,100	1,206	1,255	1,324	1,338	1,434	1,379	1,493	1,442	1,488	1,472
Agricultural sciences	668	669	735	786	793	831	781	905	874	915	920
Agricultural economics	118	106	88	107	96	101	113	144	108	117	137
Agricultural and horticultural plant breeding	31	23	31	21	39	43	61	53	67	69	59
Agricultural animal breeding	7	7	6	8	na	na	na	na	na	na	na
Agronomy and crop science	69	54	73	86	80	81	82	100	80	87	91
Animal nutrition	34	48	57	54	50	40	42	27	36	49	43
Animal science, poultry or avian	12	25	22	23	25	31	21	20	32	32	32
Animal sciences, other	54	69	75	85	103	90	83	107	121	120	139
Food science	100	73	108	105	93	125	122	123	112	103	109
Food science and technology, other	37	39	35	48	39	47	40	48	51	53	34
Horticulture science	42	48	40	41	51	50	32	42	46	44	60
Plant pathology and phytopathology, agricultural	56	53	71	74	74	57	73	106	90	105	105
Plant sciences, other	49	51	77	67	78	95	51	63	65	55	48
Soil chemistry, microbiology	20	34	15	16	20	17	23	20	16	28	18
Soil sciences, other	39	39	37	51	45	54	38	52	50	53	45
Natural resources and conservation	414	514	501	509	501	566	504	536	501	497	476
Environmental science	155	195	182	204	213	182	193	228	221	229	201
Fishing and fisheries sciences and management	34	59	51	53	52	60	47	46	51	63	49
Forest management, forest resources management	41	34	29	44	28	36	35	25	18	16	24
Forest sciences and biology	23	26	25	19	22	37	15	32	22	15	26
Forestry, other	17	35	29	26	20	22	29	36	53	43	42
Natural resource and environmental policy	na	na	na	na	35	56	68	54	51	40	37
Natural resources and conservation	88	100	99	92	70	87	72	63	47	53	56
Natural resources and environmental economics (agricultural sciences)	na	na	31	22	28	39	23	21	27	35	29
Wildlife, range management	48	50	39	41	29	32	14	20	11	3	12
Wood science, pulp and paper technology	8	15	16	8	4	15	8	11	na	na	na
Agricultural sciences and natural resources, general ^a	2	9	8	9	25	21	73	38	38	39	45
Agricultural sciences and natural resources, other ^b	16	14	11	20	19	16	21	14	29	37	31
Biological and biomedical sciences	8,046	8,152	8,322	8,354	8,868	8,783	8,863	8,566	8,782	8,681	8,418
Anatomy	25	25	23	15	15	24	21	8	23	23	18
Bacteriology	24	22	23	28	25	22	18	12	13	14	5
Biochemistry (biological sciences)	861	867	847	826	820	749	832	818	811	791	687
Bioinformatics	123	140	145	166	183	174	193	184	201	242	223
Biomedical sciences	287	311	366	401	438	416	329	339	421	380	409
Biometrics and biostatistics	127	137	174	145	165	171	198	216	233	221	241
Biophysics (biological sciences)	171	192	193	179	186	181	165	181	152	175	174
Biotechnology	22	33	54	39	45	38	36	37	35	44	25
Botany and plant biology	110	110	110	91	93	97	111	97	120	117	117
Cancer biology	300	396	381	379	455	454	436	370	354	364	305
Cell, cellular biology, and histology	361	379	376	318	335	321	258	230	218	202	168

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(Number)

Field of study	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Computational biology	69	65	94	115	117	107	134	149	146	184	137
Developmental biology and embryology	193	205	174	197	198	187	162	133	135	114	123
Ecology	431	404	415	468	449	453	482	437	417	433	388
Endocrinology	23	32	26	39	26	22	11	17	21	12	10
Entomology	122	113	120	118	112	109	127	129	119	123	124
Environmental toxicology	39	30	45	33	49	34	45	64	56	67	58
Epidemiology ^c	na	na	na	na	292	378	343	351	400	362	357
Evolutionary biology	214	213	203	209	215	210	200	229	242	238	207
Genetics, genomics, human and animal	383	374	334	396	401	358	338	344	363	341	347
Immunology	452	449	455	471	456	471	397	402	419	413	389
Microbiology	490	462	451	455	463	480	465	431	474	429	478
Molecular biology	697	716	620	646	670	632	549	634	596	555	579
Molecular medicine	na	na	na	na	na	na	25	66	62	34	36
Neurosciences, neurobiology ^d	954	958	1,053	1,016	1,048	1,089	997	984	1,033	1,035	974
Nutrition sciences	180	163	183	177	175	184	204	215	201	201	205
Parasitology	37	26	29	26	26	31	20	16	20	26	12
Pathology, human and animal	79	83	95	95	99	88	49	68	52	50	68
Pharmacology, human and animal	290	301	308	286	292	243	207	230	210	199	208
Physiology, human and animal	258	226	254	210	208	210	165	162	201	177	151
Plant genetics	52	45	41	37	48	57	67	50	72	58	61
Plant pathology and phytopathology (biological sciences)	19	18	25	21	29	20	13	11	11	13	19
Plant physiology	28	15	19	25	17	18	13	17	18	12	16
Structural biology	53	71	57	67	59	64	47	56	51	73	54
Toxicology	99	96	101	99	117	104	85	77	95	84	63
Virology	134	178	162	162	163	164	142	115	116	128	119
Wildlife biology	na	na	na	na	36	47	47	60	62	68	49
Zoology	72	65	51	40	32	46	38	40	29	24	27
Biological and biomedical sciences, general	184	168	223	256	245	258	771	469	467	534	649
Biological and biomedical sciences, other	83	64	92	103	66	72	123	118	113	121	138
Health sciences	2,173	2,177	2,387	2,529	2,278	2,276	2,297	2,495	2,531	2,584	2,671
Environmental health	66	56	67	70	77	79	76	84	83	90	83
Epidemiology ^c	324	314	365	353	na	na	na	na	na	na	na
Gerontology (health sciences)	10	15	14	13	14	13	25	19	15	16	8
Health and behavior	na	na	na	na	88	125	119	83	59	88	62
Health services research	na	na	na	na	na	na	120	164	139	138	139
Health systems administration	75	84	51	89	89	70	41	36	22	22	31
Kinesiology, exercise science ^e	215	198	228	214	249	264	231	267	268	260	291
Medical physics, radiological science	61	74	80	93	103	84	94	92	74	90	81
Nursing science	482	523	552	510	580	536	482	552	584	546	591
Oral biology, oral pathology	15	22	15	20	15	19	23	33	24	18	33
Pharmaceutical sciences ^f	274	271	295	332	279	270	274	292	344	358	382
Public health	295	266	349	431	400	437	379	440	421	452	431
Rehabilitation, therapeutic services	61	60	80	85	83	86	108	90	124	109	116
Speech-language pathology and audiology	100	110	119	110	114	117	116	128	112	116	125
Veterinary sciences	57	60	59	67	42	56	49	50	57	50	64
Health sciences, general	37	41	37	62	39	36	93	65	72	79	113
Health sciences, other	101	83	76	80	106	84	67	100	133	152	121
Physical sciences and earth sciences	4,995	5,271	5,419	5,584	5,910	5,916	6,251	6,082	6,331	6,579	6,247

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(Number)

Field of study	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Chemistry	2,304	2,432	2,416	2,484	2,673	2,666	2,703	2,699	2,808	2,939	2,763
Analytical chemistry	402	391	370	417	415	388	393	387	401	366	364
Chemical biology	na	na	na	na	na	na	120	150	160	185	135
Inorganic chemistry	294	320	307	297	372	354	343	353	358	386	327
Medicinal chemistry ^g	na	na	na	na	86	79	72	70	86	94	85
Organic chemistry	599	663	667	643	605	625	565	552	574	564	535
Physical chemistry	360	390	360	355	340	366	379	343	397	390	398
Polymer chemistry	126	123	125	125	127	135	151	160	132	174	128
Theoretical chemistry	86	69	78	74	103	111	88	88	106	96	87
Chemistry, general	269	289	290	364	416	398	411	432	429	476	532
Chemistry, other	168	187	219	209	209	210	181	164	165	208	172
Geosciences, atmospheric sciences, and ocean sciences	862	852	941	989	1,098	1,057	1,227	1,169	1,185	1,272	1,243
Atmospheric science and meteorology	170	178	205	205	200	213	245	248	265	235	230
Atmospheric chemistry and climatology	39	43	50	49	42	36	41	62	50	56	41
Atmospheric physics and dynamics	45	40	51	43	51	59	58	30	48	32	34
Meteorology	15	29	18	18	32	30	20	17	19	13	18
Atmospheric science and meteorology, general	47	47	61	77	55	62	108	105	123	117	119
Atmospheric science and meteorology, other	24	19	25	18	20	26	18	34	25	17	18
Geological sciences	463	451	462	489	579	554	618	572	591	621	674
Geochemistry	74	70	68	73	85	94	81	67	61	66	50
Geology	128	124	112	126	130	135	127	118	132	148	167
Geomorphology, glacial geology	28	23	16	32	25	27	24	22	18	21	18
Geophysics and seismology	94	95	95	113	151	123	138	124	129	136	144
Mineralogy and petrology	13	19	19	16	15	21	6	9	9	8	3
Paleontology	31	38	41	31	38	30	30	29	30	24	22
Stratigraphy and sedimentation	18	16	16	22	15	17	12	12	14	6	4
Geological and earth sciences, general	36	26	34	33	60	55	155	139	125	159	207
Geological and earth sciences, other	41	40	61	43	60	52	45	52	73	53	59
Ocean and marine sciences	229	223	274	295	319	290	364	349	329	416	339
Hydrology and water resources	47	48	52	51	63	76	130	99	107	163	114
Marine biology and biological oceanography	na	na	100	111	110	85	90	112	73	88	74
Marine sciences	79	69	36	26	41	42	54	53	56	70	68
Oceanography, chemical and physical	87	90	70	92	89	67	79	70	81	81	71
Ocean and marine sciences, other	16	16	16	15	16	20	11	15	12	14	12
Physics and astronomy	1,829	1,987	2,062	2,111	2,139	2,193	2,321	2,214	2,338	2,368	2,241
Astronomy and astrophysics	266	287	274	301	289	269	315	339	351	361	305
Astronomy	102	88	88	103	112	86	95	119	138	125	116
Astrophysics	155	185	175	184	171	174	211	216	203	230	174
Astronomy and astrophysics, other	9	14	11	14	6	9	9	4	10	6	15
Physics	1,563	1,700	1,788	1,810	1,850	1,924	2,006	1,875	1,987	2,007	1,936
Acoustics	15	20	10	22	20	19	17	16	19	18	19
Applied physics	143	144	138	180	157	146	229	171	200	164	154
Atomic, molecular, chemical physics	105	125	116	118	121	125	137	126	121	120	94
Biophysics (physics)	123	132	130	133	131	127	138	138	146	154	126
Condensed matter, low-temperature physics	379	383	390	413	389	439	350	354	443	400	376
Elementary particle physics	196	229	282	272	244	242	231	234	232	234	198

Table 13

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(Number)

Field of study	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Nuclear physics	86	81	92	75	103	86	92	109	93	116	98
Optics, photonics	145	165	165	174	194	216	225	201	176	217	196
Plasma, high-temperature physics	50	83	66	71	83	88	79	69	61	63	65
Polymer physics	18	20	19	32	44	26	43	33	29	46	37
Physics, general	213	189	241	192	230	285	356	330	339	320	447
Physics, other	90	129	139	128	134	125	109	94	128	155	126
Mathematics and computer sciences	3,223	3,273	3,496	3,660	3,862	3,818	3,954	3,842	4,022	4,231	4,392
Computer and information sciences	1,633	1,667	1,793	1,843	1,988	2,003	2,082	1,998	2,000	2,221	2,361
Computer science	1,356	1,393	1,482	1,568	1,664	1,658	1,650	1,592	1,628	1,815	1,952
Information science, systems	158	165	173	152	152	158	173	160	121	127	148
Computer and information sciences, general	na	na	na	na	94	117	161	123	141	154	151
Computer and information sciences, other	119	109	138	123	78	70	98	123	110	125	110
Mathematics and statistics	1,590	1,606	1,703	1,817	1,874	1,815	1,872	1,844	2,022	2,010	2,031
Algebra	150	152	149	151	174	146	83	109	107	82	57
Analysis and functional analysis	143	145	134	159	137	161	97	85	100	66	57
Applied mathematics	401	432	462	455	476	435	474	493	455	427	420
Computational mathematics	na	na	na	na	na	na	na	na	92	93	98
Computing theory and practice	16	20	14	22	19	24	15	19	8	10	4
Geometry, geometric analysis	104	120	112	119	120	108	52	63	78	72	66
Logic	22	17	15	33	26	21	14	15	19	18	13
Number theory	71	73	63	79	82	89	48	54	62	60	51
Operations research (mathematics)	27	27	26	15	28	34	45	34	45	45	40
Statistics (mathematics)	327	332	365	364	407	381	265	368	412	365	404
Topology and foundations	84	73	74	78	77	86	41	47	58	44	31
Mathematics and statistics, general	163	143	192	234	235	243	686	493	519	660	725
Mathematics and statistics, other	82	72	97	108	93	87	52	64	67	68	65
Psychology and social sciences	7,882	8,220	8,498	8,580	8,748	9,073	9,037	9,034	8,877	9,043	8,946
Psychology	3,420	3,576	3,599	3,592	3,724	3,776	3,910	3,925	3,821	3,909	3,879
Behavioral analysis	na	na	44	54	51	63	65	53	63	54	47
Clinical psychology	1,151	1,229	1,228	1,140	1,220	1,173	1,207	1,193	1,260	1,249	1,282
Cognitive neuroscience	na	na	na	na	na	na	161	208	200	215	198
Cognitive psychology and psycholinguistics	220	204	199	219	201	221	165	127	143	135	112
Community psychology	na	na	na	na	na	na	34	42	44	33	42
Counseling	408	427	392	425	378	417	310	319	288	291	277
Developmental and child psychology	191	218	205	227	245	190	236	207	163	176	161
Educational psychology (psychology)	70	62	67	60	65	60	108	118	115	108	94
Experimental psychology	142	147	134	141	143	144	144	159	137	137	142
Family psychology	45	33	41	33	41	55	12	5	2	3	2
Health, medical psychology	na	na	46	65	80	102	53	65	80	81	73
Human development and family studies	145	145	136	138	141	134	191	206	141	170	164
Industrial and organizational psychology	207	200	222	214	203	221	217	196	194	183	213
Marriage and family therapy, counseling	na	na	na	na	na	na	77	75	69	97	91
Neuropsychology, physiological psychology ^h	82	77	101	112	122	130	69	47	40	62	29
Personality psychology	22	23	20	15	21	21	23	16	13	17	10
Psychometrics and quantitative psychology	36	35	34	44	33	48	49	51	41	64	40
School psychology (psychology)	107	110	118	114	110	116	125	146	148	128	144
Social psychology	210	228	246	211	242	220	219	219	215	236	190

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(Number)

Field of study	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Psychology, general	185	228	220	229	275	289	295	264	248	250	302
Psychology, other	199	210	146	151	153	172	150	209	217	220	266
Social sciences	4,462	4,644	4,899	4,988	5,024	5,297	5,127	5,109	5,056	5,134	5,067
Anthropology	507	553	547	550	523	492	460	446	424	445	448
Anthropology, cultural	na	na	na	na	267	317	290	272	277	295	248
Anthropology, general ⁱ	507	553	547	550	184	99	90	89	52	76	101
Anthropology, physical and biological	na	na	na	na	72	76	80	85	95	74	99
Economics	1,073	1,121	1,243	1,183	1,196	1,255	1,236	1,239	1,245	1,247	1,216
Econometrics	34	28	40	48	46	40	38	26	28	33	23
Natural resources and environmental economics (social sciences)	na	na	48	49	49	47	59	56	58	60	45
Other economics ^j	1,039	1,093	1,155	1,086	1,101	1,168	1,139	1,157	1,159	1,154	1,148
Political science and government	728	685	724	803	775	859	745	743	734	707	637
Sociology	639	656	633	636	678	741	613	683	668	632	607
Other social sciences	1,515	1,629	1,752	1,816	1,852	1,950	2,073	1,998	1,985	2,103	2,159
American, U.S. studies	115	132	121	122	121	130	111	98	68	67	57
Applied linguistics	na	na	na	na	na	na	81	106	70	100	95
Archaeology (social sciences)	na	na	na	na	na	na	na	na	119	117	116
Area, ethnic, cultural studies ^k	111	110	113	98	90	80	188	175	133	137	156
Criminal justice and corrections	74	80	80	75	80	111	93	110	87	143	135
Criminology	52	101	86	76	78	102	104	94	96	99	103
Demography and population studies	13	30	17	27	32	21	37	22	27	18	25
Gender and women's studies	na	na	na	na	40	34	72	49	48	55	50
Geography	225	233	270	251	293	301	246	279	242	265	301
Gerontology (social sciences)	18	27	31	32	28	24	22	31	23	27	21
Health policy analysis	na	na	41	69	50	81	61	55	58	56	56
History, science and technology and society ^l	na	na	na	na	na	na	na	na	55	74	61
International relations, international affairs	107	113	124	119	105	104	137	154	135	137	131
Linguistics	240	270	258	285	276	288	236	208	249	245	232
Public policy analysis	244	223	263	279	277	293	230	238	265	231	249
Statistics (social sciences)	21	22	19	24	20	22	44	15	21	28	26
Urban, city, community and regional planning	106	104	121	114	111	128	131	149	102	118	122
Urban studies, affairs	34	31	34	39	35	31	39	41	35	34	44
Social sciences, general	48	39	32	55	59	55	99	48	41	44	45
Social sciences, other	107	114	142	151	157	145	142	126	111	108	134
Engineering	7,578	8,032	8,469	9,000	9,626	9,875	9,459	9,776	10,165	10,298	10,476
Aerospace, aeronautical, and astronautical engineering	252	262	307	348	386	361	370	379	383	379	399
Bioengineering and biomedical engineering	824	898	943	1,039	1,046	1,125	1,089	1,032	1,133	1,163	1,083
Chemical engineering	822	823	840	824	973	1,002	921	931	981	980	994
Civil engineering	643	634	495	542	617	632	564	713	675	700	796
Electrical, electronics, and communications engineering	1,778	1,886	1,938	1,897	1,952	1,997	1,823	1,879	1,943	1,799	1,973
Industrial and manufacturing engineering	215	258	226	241	298	243	256	249	272	234	304
Materials science engineering	670	662	743	815	832	871	984	937	992	992	880
Mechanical engineering	983	1,084	1,220	1,277	1,331	1,466	1,297	1,398	1,503	1,532	1,634
Other engineering	1,391	1,525	1,757	2,017	2,191	2,178	2,155	2,258	2,283	2,519	2,413
Agricultural engineering	58	60	68	75	80	67	62	79	84	65	76

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(Number)

Field of study	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Ceramic sciences engineering	11	7	5	3	na	na	na	na	na	na	na
Communications engineering	15	16	24	31	29	30	19	16	14	16	11
Computer engineering	374	372	406	417	465	410	401	423	436	445	479
Engineering management, administration	38	37	44	59	44	45	29	54	36	41	28
Engineering mechanics	46	63	48	70	70	66	101	62	71	82	62
Engineering physics	31	32	17	34	30	36	24	27	37	23	28
Engineering science	52	51	45	41	60	72	33	65	57	47	70
Environmental, environmental health engineering ^m	112	144	214	269	270	282	216	240	248	251	242
Geotechnical and geoenvironmental engineering	na	na	49	51	72	68	81	75	65	84	63
Metallurgical engineering	11	30	16	25	24	34	31	25	26	24	22
Mining and mineral engineering	7	6	14	29	na	na	na	na	na	na	na
Nuclear engineering	91	107	101	119	156	130	131	156	178	156	169
Ocean engineering	23	26	21	30	30	36	26	25	24	41	23
Operations research (engineering)	85	83	90	119	117	88	130	115	107	146	145
Petroleum engineering	51	56	67	92	107	104	99	85	133	144	139
Polymer, plastics engineering	57	71	67	61	63	80	60	90	54	70	58
Robotics	31	46	50	59	80	82	120	98	107	145	144
Structural engineering	66	69	81	81	101	125	117	103	95	146	113
Systems engineering	68	79	82	114	95	105	113	121	113	125	119
Transportation and highway engineering	na	na	76	80	101	106	109	85	96	136	92
Engineering, general	36	36	43	24	40	42	107	60	73	111	111
Engineering, other	128	134	129	134	157	170	146	254	229	221	219
Education	5,287	4,670	4,802	4,934	4,789	5,098	5,146	4,826	4,818	4,633	4,716
Education administration	1,439	924	1,057	965	893	920	824	922	895	839	927
Educational administration and supervision	320	217	219	187	170	169	148	184	167	153	150
Educational and human resource studies, development	na	na	78	93	62	68	62	71	46	57	44
Educational leadership	1,029	649	673	601	605	620	555	595	618	564	673
Urban education and leadership	90	58	87	84	56	63	59	72	64	65	60
Education research	2,443	2,438	2,568	2,703	2,560	2,772	2,384	2,418	2,500	2,304	2,312
Counseling education, counseling and guidance	211	223	223	257	229	292	276	273	278	255	232
Curriculum and instruction	617	590	583	586	552	585	380	501	531	391	478
Educational and instructional media design	121	133	30	17	18	30	26	19	15	17	19
Educational and instructional technology	na	na	163	241	192	201	224	233	200	179	178
Educational assessment, testing, measurement	65	73	57	63	53	65	66	42	57	46	47
Educational policy analysis	122	151	157	171	152	168	173	128	142	146	123
Educational psychology (education)	269	287	302	283	261	286	221	233	210	198	190
Educational statistics, research methods	68	79	70	84	74	92	76	83	95	86	91
Higher education evaluation and research	420	384	448	435	446	519	449	438	394	389	408
International education	65	60	52	65	70	55	56	45	43	51	33
Learning sciences	na	na	na	na	na	na	na	na	73	80	65
School psychology (education)	132	128	117	131	145	132	117	120	116	126	108
Social and philosophical foundations of education	92	100	98	84	92	90	63	66	80	78	67
Special education	261	230	268	286	276	257	257	237	266	262	273
Teacher education	245	204	156	109	152	156	180	114	96	104	113
Adult and continuing teacher education	91	64	49	23	53	39	64	30	42	32	38

Table 13**Doctorate recipients, by fine field of study: 2010–20**

(Number)

Field of study	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Elementary teacher education	48	45	40	26	36	37	36	30	12	21	31
Pre-elementary, early childhood teacher education	58	52	29	35	29	47	51	34	28	37	35
Secondary teacher education	48	43	38	25	34	33	29	20	14	14	9
Teaching fields	799	805	757	892	915	953	1,166	925	959	957	940
Agricultural education	34	28	30	27	25	30	36	34	43	51	50
Art education	35	48	36	30	42	42	37	34	41	34	34
Bilingual and multilingual education	na	na	35	50	30	27	52	36	30	29	31
English as a second or foreign language	na	na	na	na	58	94	70	55	58	39	34
English education	61	64	32	35	31	33	39	36	33	32	31
Family, consumer, and human sciences	23	24	10	19	20	24	16	9	8	16	15
Foreign languages education	60	55	60	54	39	31	39	26	26	26	37
Health education	45	49	35	52	43	53	70	66	62	54	50
Literacy and reading education ¹	83	80	124	126	127	123	137	139	119	126	127
Mathematics education	144	142	114	138	142	133	182	150	148	151	122
Music education	83	86	69	91	104	114	87	75	82	78	84
Nursing education	30	23	18	33	30	32	73	53	55	65	57
Physical education and coaching	34	43	38	44	35	36	39	21	19	27	19
Science education	96	93	110	114	112	122	133	100	138	116	139
Social science education	21	27	20	22	16	24	28	19	14	10	24
Teacher education and professional development, other	50	43	26	57	61	35	128	72	83	103	86
Other education	361	299	264	265	269	297	592	447	368	429	424
Workforce education and development	na	na	na	na	32	36	36	57	37	35	20
Education, general	152	122	121	128	135	140	369	216	170	216	258
Education, other	209	177	143	137	102	121	187	174	161	178	146
Humanities and arts	5,015	5,225	5,561	5,715	5,524	5,594	5,482	5,286	5,139	5,051	4,939
Foreign languages and literature	601	644	684	701	674	656	599	618	617	610	564
Arabic language and literature	14	8	12	9	14	6	5	8	6	5	1
Chinese language and literature	41	29	20	37	17	28	17	28	39	23	20
French language and literature	110	114	122	140	139	137	107	92	100	100	89
Germanic language and literature	64	71	90	74	84	72	67	72	62	74	49
Italian language and literature	35	38	50	44	39	40	34	45	31	29	31
Japanese language and literature	27	16	20	21	23	21	10	15	16	17	9
Latin American languages and literature	na	na	57	66	83	79	96	30	38	42	47
Russian language and literature	23	34	24	30	25	21	14	26	12	14	16
Spanish language and literature	231	247	205	216	181	186	127	178	207	161	162
Foreign languages and literatures, other	56	87	84	64	69	66	122	124	106	145	140
History	1,005	1,065	1,086	1,148	1,186	1,146	1,148	1,058	948	912	887
African history	30	29	38	32	32	30	26	24	33	23	31
American history, United States and Canada	391	432	440	444	433	412	391	376	389	319	319
Asian history	59	68	73	85	78	89	73	59	73	71	79
European history	193	224	186	186	232	198	207	179	172	149	148
History, science and technology and society ¹	46	47	49	53	78	72	66	78	na	na	na
Latin American history	65	52	63	77	73	64	77	63	56	71	42
Middle, Near East history	65	63	60	71	68	82	63	70	44	61	46
History, general	78	68	93	105	121	108	155	120	106	139	132
History, other	78	82	84	95	71	91	90	89	75	79	90
Letters	1,516	1,513	1,638	1,606	1,551	1,583	1,531	1,462	1,439	1,386	1,392

Table 13**Doctorate recipients, by fine field of study: 2010–20**

(Number)

Field of study	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
American literature, United States and Canada	361	367	409	397	349	334	343	319	272	255	247
Classics	86	91	101	101	91	94	109	80	94	96	85
Comparative literature	197	192	201	218	196	165	172	164	172	165	175
Creative writing	81	84	93	79	87	97	79	84	86	98	94
English language	146	179	154	92	147	153	126	129	119	120	184
English literature, British and Commonwealth	419	354	423	399	396	412	414	382	383	378	335
Folklore	11	10	6	9	17	6	na	na	na	na	na
Rhetoric and composition	na	na	154	220	207	238	211	227	242	190	206
Speech and rhetorical studies	152	165	53	33	29	42	39	45	42	50	33
Letters, general	22	25	18	26	12	22	23	15	15	15	17
Letters, other	41	46	26	32	20	20	15	17	14	19	16
Other humanities and arts	1,893	2,003	2,153	2,260	2,113	2,209	2,204	2,148	2,135	2,143	2,096
African American studies, literature, and history	na	na	na	na	na	na	na	na	52	65	68
Archaeology (humanities)	60	87	79	72	105	121	166	132	54	31	30
Art history, criticism, and conservation	248	242	227	265	263	272	278	247	219	250	223
Bible, biblical studies	97	103	95	106	86	87	62	84	113	102	107
Dance	na	na	na	na	na	na	13	11	17	18	9
Drama, theater arts, performance studies ^o	104	106	111	120	104	86	74	87	96	91	83
Ethics	na	na	29	26	29	30	38	30	37	37	18
Film, cinema, media studies ^p	na	na	62	67	71	67	73	81	90	112	83
Jewish, Judaic studies	na	na	17	33	27	27	27	28	23	19	22
Music	66	81	67	88	64	54	59	67	55	56	76
Musicology and ethnomusicology	135	137	138	128	140	148	127	158	131	129	126
Music performance	106	92	113	124	77	110	92	92	88	75	136
Music theory and composition	91	95	95	102	104	108	92	90	85	111	116
Music, other	18	22	21	29	20	23	19	16	14	23	16
Philosophy	431	462	497	494	454	463	454	419	477	437	442
Religion, religious studies	282	312	290	301	292	314	254	310	258	226	205
Theology, religious education	160	150	184	173	156	172	212	162	194	202	214
Humanities, general	28	43	16	31	34	27	106	60	53	46	51
Humanities, other	67	71	112	101	87	100	58	74	79	113	71
Other ^q	2,729	2,683	2,734	3,023	3,043	3,019	2,941	3,152	2,978	3,026	3,006
Business management and administration	1,366	1,327	1,404	1,551	1,584	1,582	1,509	1,565	1,474	1,532	1,466
Accounting	148	157	175	168	196	194	178	159	160	162	157
Banking/ financial services	5	1	na	na	na	na	na	na	na	na	na
Business administration and management	157	146	221	269	243	231	263	253	258	264	302
Business, managerial economics	29	26	31	24	22	43	26	15	23	17	19
Finance	210	200	232	260	265	241	251	201	193	233	198
Hospitality, food service and tourism management	36	59	57	71	65	46	66	74	56	47	54
Human resources development	70	70	44	44	68	51	30	29	29	28	33
International business, trade, commerce	25	28	21	33	30	24	24	21	19	30	18
Management information systems, business statistics	108	100	103	107	100	102	107	92	109	99	109
Marketing management and research	157	156	174	191	152	181	140	143	141	108	109
Operations research (business)	84	70	80	103	91	110	83	68	53	74	52
Organizational behavior	175	189	163	186	212	189	168	271	214	221	183

Table 13**Doctorate recipients, by fine field of study: 2010–20**

(Number)

Field of study	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Business management and administration, general	102	67	50	40	68	68	114	140	123	140	120
Business management and administration, other	60	58	53	55	72	102	59	99	96	109	112
Communication	638	650	595	645	663	667	672	622	630	543	593
Communication research	120	125	126	155	149	149	183	120	143	161	141
Communication theory	34	29	31	30	39	41	63	37	26	24	24
Film, radio, TV and digital communication	73	77	43	30	35	37	23	34	16	12	10
Mass communication, media studies	214	212	199	239	251	242	211	230	227	171	188
Communication, general	119	117	117	107	123	119	143	131	155	118	174
Communication, other	78	90	79	84	66	79	49	70	63	57	56
Non-S&E fields nec	725	706	735	827	796	770	760	965	874	951	947
Architecture and environmental design	81	81	109	101	118	116	99	118	105	128	120
Family, consumer sciences and human sciences	48	54	50	57	51	47	39	79	64	77	91
Law	68	57	53	81	76	76	67	85	74	111	98
Library science	40	35	49	39	39	41	32	46	32	24	21
Parks, sports, recreation, leisure and fitness	54	63	61	76	67	52	83	46	51	52	57
Public administration	126	118	132	127	119	121	143	184	138	207	221
Social work	308	289	280	330	325	307	294	296	358	330	310
Other fields nec	0	9	1	16	1	10	3	111	52	22	29

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

nec = not elsewhere classified; S&E = science and engineering.

^a This field was renamed from "Agriculture, general" in 2014.

^b This field was renamed from "Agricultural sciences, other" in 2014.

^c This field was moved from "Health sciences" to "Biological and biomedical sciences" in 2014.

^d This field was renamed from "Neurosciences" in 2012.

^e This field was renamed from "Kinesiology/Exercise science" in 2012.

^f This field was renamed from "Medicinal/Pharmaceutical sciences" in 2014.

^g 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."

^h This field was renamed from "Physiological psychology/Psychobiology" in 2012.

ⁱ This field was renamed from "Anthropology" in 2014.

^j This field is collected as "Economics."

^k This field was renamed from "Area/Ethnic/Cultural/Gender studies" and "Gender studies" was moved to a new field "Gender and women's studies" in 2014.

^l This field was moved from "History" to "Other social sciences" in 2018.

^m This field was renamed from "Environmental health engineering" in 2012.

ⁿ This field was renamed from "Reading education" in 2012.

^o This field was renamed from "Drama, theater arts" in 2018.

^p This field was renamed from "Film, cinema, video studies" in 2018.

^q Includes other non-S&E fields not shown separately.

Source(s):

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