

TABLE 13. Doctorate recipients, by subfield of study: 2003–13

Subfield of study	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
All fields	40,766	42,123	43,385	45,622	48,133	48,778	49,554	48,032	48,903	50,977	52,760
Life sciences	8,508	8,813	9,310	9,704	10,702	11,086	11,403	11,258	11,449	12,038	12,305
Agricultural sciences and natural resources	1,179	1,155	1,160	1,146	1,321	1,198	1,283	1,100	1,206	1,256	1,329
Agricultural and horticultural plant breeding	50	36	35	41	39	28	24	31	23	31	23
Agricultural animal breeding	21	13	14	12	15	3	12	7	7	6	8
Agricultural business and management	1	na	na	na	na	na	na	na	na	na	na
Agricultural economics	118	110	121	113	182	111	116	118	106	88	108
Agronomy and crop science	55	63	79	56	72	68	77	69	54	73	86
Animal nutrition	41	47	51	46	56	41	34	34	48	57	54
Animal science, poultry (or avian)	18	21	14	15	22	18	17	12	25	22	23
Animal science, other	88	75	71	72	63	77	74	54	69	75	86
Dairy science	18	na	na	na	na	na	na	na	na	na	na
Environmental science	135	130	129	132	163	182	201	155	195	183	206
Fishing and fisheries sciences/management	47	38	34	52	43	52	67	34	59	51	53
Food science	11	94	93	97	121	96	110	100	73	108	105
Food science and technology, other	157	74	48	45	33	41	30	37	39	35	48
Forest engineering	3	na	na	na	na	na	na	na	na	na	na
Forest sciences and biology	16	36	29	32	42	32	43	23	26	25	19
Forest/resources management	18	26	40	37	48	44	52	41	34	29	44
Forestry and related science, other	47	34	24	28	34	17	26	17	35	29	26
Horticulture science	54	46	49	54	48	50	55	42	48	40	41
Natural resource/environmental economics (life sciences)	na	na	na	na	na	na	na	na	na	31	21
Natural resources/conservation	48	45	65	60	70	78	84	88	100	99	92
Plant pathology/phytopathology	48	56	71	63	70	59	61	56	53	71	74
Plant sciences, other	29	34	31	43	46	39	60	49	51	77	67
Soil chemistry/microbiology	24	21	24	20	24	25	18	20	34	15	16
Soil sciences, other	50	52	52	48	59	67	49	39	39	37	50
Wildlife/range management	46	42	44	51	43	55	34	48	50	39	41
Wood science and pulp/paper technology	19	19	15	12	12	2	17	8	15	16	8
Agriculture, general	2	6	10	6	5	8	8	2	9	8	9
Agricultural science, other	15	37	17	11	11	5	14	16	14	11	21
Biological, biomedical sciences	5,696	5,940	6,367	6,652	7,238	7,797	8,025	8,046	8,139	8,433	8,471
Anatomy	33	13	23	21	20	25	15	25	25	23	15
Bacteriology	6	15	13	10	22	22	20	24	22	23	28
Biochemistry	772	703	693	784	864	899	858	861	866	847	829
Bioinformatics	na	na	na	na	83	147	175	123	140	145	160
Biomedical sciences	181	183	249	278	287	268	300	287	311	367	403
Biometrics and biostatistics	84	100	129	107	120	122	115	127	137	174	145
Biophysics (biology)	161	130	144	183	184	167	195	171	192	193	179
Biotechnology	24	26	23	32	28	32	26	22	33	54	39
Botany/plant biology	80	135	87	92	120	105	113	110	110	110	91
Cancer biology	na	na	na	na	96	289	273	300	393	383	380
Cell/cellular biology and histology	301	292	317	337	373	376	354	361	379	376	314
Computational biology	na	na	na	na	na	na	na	69	65	94	115

TABLE 13. Doctorate recipients, by subfield of study: 2003–13

Subfield of study	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Developmental biology/embryology	126	141	162	149	177	185	185	193	205	174	198
Ecology	347	366	411	391	469	439	456	431	404	415	471
Endocrinology	21	22	29	18	25	22	33	23	32	26	39
Entomology	111	108	103	117	95	119	131	122	113	120	118
Environmental toxicology	na	na	na	na	na	na	na	39	30	45	33
Evolutionary biology	na	na	na	na	42	178	215	214	213	203	209
Genetics/genomics, human and animal	226	258	285	286	372	413	364	383	374	334	395
Immunology	261	347	342	390	394	424	434	452	446	456	471
Marine biology and biological oceanography	na	na	na	na	na	na	na	na	na	100	111
Microbiology	363	393	432	493	527	538	586	490	462	451	456
Molecular biology	615	725	724	780	709	786	763	697	714	622	646
Neurosciences and neurobiology	474	584	690	741	777	883	983	954	958	1,053	1,017
Nutrition sciences	127	131	163	148	164	176	174	180	163	183	176
Parasitology	15	20	21	27	16	23	24	37	26	29	26
Pathology, human and animal	101	98	93	80	105	105	106	79	83	95	96
Pharmacology, human and animal	275	288	315	329	292	281	343	290	301	308	288
Physiology, human and animal	215	207	208	221	243	241	244	258	226	254	208
Plant genetics	38	54	50	62	47	47	48	52	46	41	37
Plant pathology/phytopathology	27	25	31	26	20	29	26	19	18	25	22
Plant physiology	32	24	38	40	32	26	13	28	15	19	25
Structural biology	na	na	na	na	na	na	na	53	71	57	67
Toxicology	122	105	102	101	117	137	120	99	96	102	99
Virology	na	na	na	na	na	na	na	134	178	162	163
Zoology	127	94	103	101	79	61	79	72	65	51	40
Biology/biomedical sciences, general	194	188	189	187	231	150	173	184	166	227	259
Biology/biomedical sciences, other	237	165	198	121	108	82	81	83	61	92	103
Health sciences	1,633	1,718	1,783	1,906	2,143	2,091	2,095	2,112	2,104	2,349	2,505
Environmental health	53	56	42	75	58	69	42	66	56	67	69
Environmental toxicology	na	28	42	43	37	43	37	na	na	na	na
Epidemiology	231	217	229	229	293	305	273	324	314	365	352
Gerontology (health sciences)	na	na	na	na	na	na	na	10	15	14	13
Health policy analysis	na	na	na	na	na	na	na	na	na	41	69
Health systems/services administration	57	66	70	71	105	70	70	75	84	51	89
Kinesiology/exercise physiology	145	164	153	189	190	212	211	215	198	228	215
Medicinal/pharmaceutical sciences	118	161	168	154	273	277	277	274	272	295	332
Nursing science	413	394	421	415	484	504	511	482	523	552	510
Oral biology/oral pathology	na	na	na	na	na	na	na	15	22	15	20
Public health	206	260	279	295	288	229	299	295	266	350	433
Rehabilitation/therapeutic services	69	67	66	75	76	89	80	61	60	80	85
Speech-language pathology and audiology	94	95	97	120	115	112	121	100	110	119	110
Veterinary sciences	48	54	47	38	71	54	60	57	60	59	67
Health sciences, general	40	33	49	44	27	31	35	37	41	37	61
Health sciences, other	159	123	120	158	126	96	79	101	83	76	80

TABLE 13. Doctorate recipients, by subfield of study: 2003–13

Subfield of study	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Physical sciences	5,831	6,047	6,693	7,464	7,999	8,133	8,324	8,310	8,664	8,951	9,290
Astronomy	167	165	186	197	223	249	262	266	287	274	303
Astronomy	69	68	72	64	87	101	97	102	88	88	105
Astrophysics	98	97	114	133	136	148	165	155	185	175	185
Astronomy, other	na	na	na	na	na	na	na	9	14	11	13
Atmospheric science and meteorology	139	126	145	146	167	188	167	170	178	205	206
Atmospheric chemistry and climatology	39	29	42	30	38	49	30	39	43	50	49
Atmospheric physics and dynamics	21	33	28	30	39	59	43	45	40	51	43
Meteorology	25	22	20	18	17	23	14	15	29	18	18
Atmospheric science/meteorology, general	33	24	30	40	47	40	55	47	47	61	78
Atmospheric science/meteorology, other	21	18	25	28	26	17	25	24	19	25	18
Chemistry	2,041	1,986	2,126	2,364	2,318	2,246	2,392	2,304	2,432	2,421	2,491
Analytical chemistry	338	323	363	367	397	371	364	402	391	371	418
Inorganic chemistry	264	240	256	267	273	301	331	294	320	307	299
Medicinal/pharmaceutical chemistry <sup>a</sup>	110	113	110	150	na	na	na	na	na	na	na
Nuclear chemistry	4	na	na	na	na	na	na	na	na	na	na
Organic chemistry	557	541	603	626	653	640	684	599	663	669	644
Physical chemistry	321	264	298	376	328	331	319	360	390	360	354
Polymer chemistry	110	116	119	134	122	106	119	126	123	125	125
Theoretical chemistry	49	54	57	86	86	80	86	86	69	78	74
Chemistry, general	185	198	191	211	310	271	299	269	289	292	368
Chemistry, other	103	137	129	147	149	146	190	168	187	219	209
Computer and information sciences	866	948	1,129	1,453	1,655	1,787	1,610	1,664	1,713	1,843	1,897
Computer science	699	767	952	1,216	1,431	1,499	1,361	1,356	1,393	1,482	1,563
Information science and systems	65	106	84	135	131	181	140	158	165	173	152
Robotics	na	na	na	na	na	na	na	31	46	50	58
Computer and information science, other	102	75	93	102	93	107	109	119	109	138	124
Geological and earth sciences	348	371	379	432	478	458	492	463	451	462	490
Geochemistry	53	38	55	53	58	78	78	74	70	68	73
Geology	119	98	107	126	143	141	140	128	124	112	127
Geomorphology and glacial geology	20	22	12	24	21	12	22	28	23	16	32
Geophysics and seismology	75	87	92	81	111	116	102	94	95	95	112
Mineralogy and petrology	8	17	8	18	16	16	12	13	19	19	16
Paleontology	18	25	29	30	33	26	31	31	38	41	31
Stratigraphy and sedimentation	16	19	15	19	20	10	18	18	16	16	22
Geological and earth sciences, general	9	23	24	30	26	25	31	36	26	34	33
Geological and earth sciences, other	30	42	37	51	50	34	58	41	40	61	44
Mathematics	993	1,076	1,205	1,325	1,388	1,400	1,553	1,590	1,606	1,703	1,817
Algebra	69	97	97	124	115	124	139	150	152	149	151
Analysis and functional analysis	85	99	111	98	119	112	130	143	145	134	159
Applied mathematics	223	264	292	347	334	360	382	401	432	462	455
Computing theory and practice	8	10	16	14	29	26	16	16	20	14	22

TABLE 13. Doctorate recipients, by subfield of study: 2003–13

Subfield of study	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Geometry/geometric analysis	48	95	96	89	88	100	89	104	120	112	118
Logic	17	15	26	20	26	25	38	22	17	15	33
Number theory	46	39	62	60	65	62	64	71	73	63	79
Operations research	19	25	23	32	30	27	28	27	27	26	15
Statistics (mathematics)	191	226	267	301	360	303	353	327	332	365	364
Topology/foundations	49	52	51	72	62	58	73	84	73	74	78
Mathematics/statistics, general	150	81	104	107	145	140	173	163	143	192	235
Mathematics/statistics, other	88	73	60	61	15	63	68	82	72	97	108
Ocean/marine sciences	196	189	190	179	230	219	218	229	223	174	184
Hydrology and water resources	26	49	41	38	42	45	38	47	48	52	51
Marine sciences	36	59	61	61	71	75	79	79	69	36	26
Oceanography, chemical and physical	98	66	74	60	109	83	81	87	90	70	92
Ocean/marine, other	36	15	14	20	8	16	20	16	16	16	15
Physics	1,081	1,186	1,333	1,368	1,540	1,586	1,630	1,624	1,774	1,869	1,902
Acoustics	24	17	25	15	18	15	21	15	20	10	22
Applied physics	na	71	102	99	125	137	133	143	144	138	181
Atomic/molecular/chemical physics	74	82	87	90	111	119	104	105	125	116	118
Biophysics (physics)	na	55	72	96	118	119	104	123	132	130	134
Condensed matter/low temperature physics	273	277	314	335	359	397	401	379	383	390	413
Fluids physics	9	na	na	na	na	na	na	na	na	na	na
Medical physics/radiological science	na	na	na	na	na	na	na	61	74	80	93
Nuclear physics	67	74	69	86	74	62	74	86	81	92	76
Optics/photonics	95	120	145	144	148	148	164	145	165	165	174
Particle (elementary) physics	134	163	188	200	202	210	218	196	229	282	270
Plasma/fusion physics	32	37	54	44	48	59	58	50	83	66	71
Polymer physics	13	18	29	23	29	43	25	18	20	19	32
Physics, general	170	141	128	145	187	159	211	213	189	242	191
Physics, other	190	131	120	91	121	118	117	90	129	139	127
Psychology and social sciences	7,004	7,043	7,045	7,124	7,198	7,515	7,829	7,769	8,091	8,343	8,401
Psychology	3,277	3,327	3,322	3,260	3,276	3,358	3,472	3,422	3,578	3,604	3,600
Behavioral analysis	na	na	na	na	na	na	na	na	na	44	54
Clinical psychology	1,193	1,219	1,155	1,119	1,160	1,143	1,201	1,151	1,229	1,231	1,144
Cognitive psychology and psycholinguistics	132	145	147	181	174	181	189	220	204	199	219
Comparative psychology	4	6	5	5	7	9	9	na	na	na	na
Counseling	435	512	466	409	415	422	422	408	427	392	424
Developmental and child psychology	178	186	224	203	197	197	182	191	218	206	227
Educational psychology (psychology)	52	75	81	59	71	69	73	70	62	67	60
Experimental psychology	119	88	121	125	126	137	145	142	147	134	141
Family psychology	63	32	25	21	43	42	34	45	33	41	34
Health and medical psychology	na	na	na	na	na	na	na	na	na	46	65
Human development and family studies	149	144	172	182	125	121	146	145	146	137	140
Industrial and organizational psychology	161	157	186	175	187	215	196	207	200	222	214
Neuropsychology/physiological psychology	86	84	85	95	95	81	87	82	77	101	111
Personality psychology	17	18	14	30	16	18	19	22	23	21	15

TABLE 13. Doctorate recipients, by subfield of study: 2003–13

Subfield of study	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Psychometrics and quantitative psychology	11	29	22	20	35	23	29	36	35	34	44
Psychometrics	7	na	na	na	na	na	na	na	na	na	na
School psychology (psychology)	102	87	109	123	121	132	122	107	110	118	113
Social psychology	203	163	183	172	199	204	226	211	228	245	211
Psychology, general	218	218	184	207	194	198	209	185	229	220	232
Psychology, other	147	164	143	134	111	166	183	200	210	146	152
Social sciences	3,727	3,716	3,723	3,864	3,922	4,157	4,357	4,347	4,513	4,739	4,801
Anthropology	472	531	456	472	512	483	503	507	553	547	552
Econometrics	23	18	30	33	30	36	31	34	28	40	48
Economics	909	941	1,031	996	974	1,055	1,087	1,039	1,093	1,155	1,087
Natural resource/environmental economics (social sciences)	na	na	na	na	na	na	na	na	na	48	50
Political science and government	661	587	618	616	588	628	682	728	685	725	803
Sociology	597	580	536	579	576	601	662	639	657	632	636
Other social sciences	1,065	1,059	1,052	1,168	1,242	1,354	1,392	1,400	1,497	1,592	1,625
Area/ethnic/cultural/gender studies	12	18	6	23	98	114	112	111	110	113	97
Criminal justice and corrections	na	na	na	na	46	74	75	74	80	80	75
Criminology	77	69	97	100	46	54	61	52	101	86	76
Demography/population studies	15	19	20	24	14	23	18	13	30	17	27
Geography	167	190	195	205	200	249	209	225	233	270	252
Gerontology (social sciences)	na	na	na	na	na	na	na	18	27	31	32
International relations/affairs	98	99	106	115	125	82	101	107	113	124	119
Linguistics	224	254	212	251	226	254	275	240	270	259	285
Public policy analysis	145	145	161	172	212	196	228	244	223	263	279
Statistics (social sciences)	48	31	22	22	29	20	17	21	22	19	24
Urban affairs/studies	78	85	81	84	41	28	33	34	31	34	39
Urban/city, community and regional planning	na	na	na	na	71	116	92	106	104	121	114
Social sciences, general	28	32	33	45	37	37	51	48	39	33	55
Social sciences, other	173	117	119	127	97	107	120	107	114	142	151
Engineering	5,280	5,777	6,426	7,186	7,749	7,864	7,643	7,548	7,986	8,426	8,963
Aerospace, aeronautical, and astronautical engineering	200	201	219	238	267	266	297	252	262	307	349
Chemical engineering	568	638	774	799	817	873	807	822	823	840	829
Civil engineering	551	547	622	655	703	713	707	643	634	496	543
Electrical, electronics, and communications engineering	1,237	1,389	1,547	1,786	1,967	1,888	1,693	1,778	1,886	1,941	1,900
Industrial and manufacturing engineering	214	217	221	234	279	280	251	215	258	227	240
Materials science engineering	437	475	493	583	646	636	625	670	662	743	815
Mechanical engineering	752	754	892	1,045	1,071	1,082	1,095	983	1,084	1,220	1,282
Other engineering	1,321	1,556	1,658	1,846	1,999	2,126	2,168	2,185	2,377	2,652	3,005
Agricultural engineering	54	60	47	53	49	61	64	58	60	68	75
Bioengineering and biomedical engineering	281	369	417	525	637	762	835	824	898	943	1,037
Ceramic sciences engineering	18	14	14	8	14	7	5	11	7	5	3
Communications engineering	36	34	27	26	37	26	26	15	16	24	31
Computer engineering	192	228	277	321	404	386	380	374	372	406	418
Engineering management and administration	na	na	na	na	36	39	40	38	37	44	59
Engineering mechanics	62	98	86	102	56	60	63	46	63	48	70

TABLE 13. Doctorate recipients, by subfield of study: 2003–13

Subfield of study	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Engineering physics	28	28	27	35	20	26	31	31	32	17	34
Engineering science	39	58	43	44	43	35	42	52	51	45	41
Environmental/environmental health engineering	122	126	136	149	160	153	120	112	144	214	270
Geotechnical and geoenvironmental engineering	na	na	na	na	na	na	na	na	na	49	51
Metallurgical engineering	19	22	33	34	18	22	26	11	30	16	25
Mining and mineral engineering	14	9	12	16	16	13	14	7	6	14	29
Nuclear engineering	75	59	71	67	77	99	73	91	107	101	119
Ocean engineering	12	21	18	15	18	25	29	23	26	21	30
Operations research	81	72	87	89	96	80	79	85	83	90	119
Petroleum engineering	36	34	50	47	40	44	54	51	56	67	92
Polymer and plastics engineering	45	54	51	45	74	49	60	57	71	67	61
Structural engineering	na	na	na	na	na	na	na	66	69	81	81
Systems engineering	45	58	58	79	72	80	67	68	79	83	117
Transportation and highway engineering	na	na	na	na	na	na	na	na	na	76	80
Engineering, general	19	29	53	60	35	43	44	36	36	44	24
Engineering, other	143	183	151	131	97	116	116	129	134	129	139
Education	6,651	6,635	6,227	6,122	6,448	6,561	6,528	5,288	4,670	4,803	4,944
Education administration	2,362	2,342	2,167	2,051	2,161	2,238	2,146	1,439	924	1,057	967
Educational administration and supervision	774	741	727	629	663	665	585	320	217	219	190
Education and human resource studies/development	na	na	na	na	na	na	na	na	na	78	93
Educational leadership	1,588	1,601	1,440	1,422	1,498	1,573	1,561	1,029	649	673	602
Urban education and leadership	na	na	na	na	na	na	na	90	58	87	82
Education research	2,720	2,805	2,674	2,751	2,671	2,640	2,663	2,443	2,438	2,569	2,704
Counseling education/counseling and guidance	219	182	178	201	220	208	233	211	223	223	256
Curriculum and instruction	1,002	973	986	1,006	838	744	782	617	590	583	587
Educational assessment/testing/measurement	47	57	56	58	76	73	89	65	73	57	62
Educational policy analysis	na	na	na	na	na	na	na	122	151	157	172
Educational psychology (education)	286	262	249	255	272	306	326	269	287	302	285
Educational statistics/research methods	62	64	59	72	70	66	60	68	79	70	84
Educational/instructional media design	128	193	124	156	177	177	150	121	133	30	17
Educational/instructional technology	na	na	na	na	na	na	na	na	na	164	238
Higher education/evaluation and research	490	538	515	492	506	578	512	420	384	448	436
International education	na	na	na	na	na	na	na	65	60	52	65
School psychology (education)	124	113	112	115	111	103	116	132	128	117	132
Social/philosophical foundations of education	146	135	154	159	107	122	124	92	100	98	84
Special education	216	288	241	237	294	263	271	261	230	268	286
Teacher education	242	270	263	250	297	274	332	245	204	156	111
Adult and continuing teacher education	119	143	151	116	155	118	138	91	64	49	24
Elementary teacher education	34	63	54	37	58	63	66	48	45	40	27
Pre-elementary/early childhood teacher education	70	38	36	57	53	60	80	58	52	29	35
Secondary teacher education	19	26	22	40	31	33	48	48	43	38	25
Teaching fields	714	758	663	707	873	912	906	800	805	757	895
Agricultural education	25	18	25	21	44	33	29	34	28	30	27

TABLE 13. Doctorate recipients, by subfield of study: 2003–13

Subfield of study	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Art education	34	38	34	35	47	44	46	35	48	36	30
Bilingual and multilingual education	na	na	na	na	na	na	na	na	na	35	50
Business education	6	7	7	9	6	14	13	na	na	na	na
English education	47	45	55	48	51	71	51	61	64	32	35
Family and consumer/human science	4	15	11	13	20	31	19	23	24	10	19
Foreign languages education	46	62	80	60	64	68	57	60	55	60	54
Health education	54	42	44	43	71	61	53	45	49	35	52
Literacy and reading education	60	86	74	68	102	121	118	83	80	124	126
Mathematics education	80	91	89	98	132	127	161	144	142	114	139
Music education	74	94	61	83	82	76	68	83	86	69	92
Nursing education	8	10	10	7	15	23	13	30	23	18	33
Physical education and coaching	75	68	48	49	48	50	34	35	43	38	45
Science education	69	86	67	81	105	94	119	96	93	110	114
Social science education	10	21	15	20	21	22	21	21	27	20	22
Teacher education and professional development	80	57	37	58	60	64	76	50	43	26	57
Technical and industrial arts education	13	na	na	na	na	na	na	na	na	na	na
Technical education	24	na	na	na	na	na	na	na	na	na	na
Trade and industrial education	5	18	6	14	5	13	28	na	na	na	na
Other education	613	460	460	363	446	497	481	361	299	264	267
Education, general	312	188	218	134	260	239	209	152	122	121	130
Education, other	301	272	242	229	186	258	272	209	177	143	137
Humanities	5,192	5,210	5,141	5,326	5,092	4,719	4,891	4,971	5,210	5,499	5,662
Foreign languages and literature	623	587	607	615	607	627	598	601	644	684	701
Arabic	4	7	5	10	3	7	5	14	8	12	9
Chinese	24	15	22	19	17	22	35	41	29	20	37
French	102	124	113	111	116	120	114	110	114	122	140
German	100	56	76	75	91	80	70	64	71	90	75
Hebrew	5	na	na	na	na	na	na	na	na	na	na
Italian	34	39	19	30	31	31	39	35	38	50	44
Japanese	20	14	23	26	21	17	18	27	16	20	21
Latin American	na	na	na	na	na	na	na	na	na	57	66
Russian	28	25	21	28	25	27	18	23	34	24	30
Slavic (other than Russian)	11	8	13	11	4	2	10	na	na	na	na
Spanish	239	241	240	232	241	244	235	231	247	205	215
Other languages and literature	56	58	75	73	58	77	54	56	87	84	64
History	941	976	924	973	937	971	1,045	1,005	1,065	1,087	1,149
African history	na	21	18	27	21	22	29	30	29	38	32
American history (U.S. and Canada)	416	403	372	391	386	384	432	391	432	440	443
Asian history	66	66	64	80	71	74	55	59	68	73	84
European history	190	222	211	216	182	196	214	193	224	187	187
History, science and technology and society	46	48	43	56	51	48	56	46	47	49	53
Latin American history	na	47	45	49	44	62	67	65	52	63	77
Middle/Near East studies	na	na	na	na	45	59	61	65	63	60	71
History, general	72	55	77	59	74	64	64	78	68	93	106

TABLE 13. Doctorate recipients, by subfield of study: 2003–13

Subfield of study	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
History, other	151	114	94	95	63	62	67	78	82	84	96
Letters	1,416	1,407	1,389	1,457	1,340	1,420	1,413	1,516	1,514	1,638	1,604
American literature (U.S. and Canada)	362	351	406	382	334	338	327	361	366	409	396
Classics	75	70	61	78	62	72	77	86	91	101	101
Comparative literature	165	175	180	165	176	166	179	197	192	201	218
Creative writing	na	na	na	na	65	73	76	81	85	93	79
English language	132	156	137	136	160	156	104	146	180	154	93
English literature (British and Commonwealth)	436	426	416	437	351	397	388	419	354	423	398
Folklore	na	22	18	14	10	13	10	11	10	6	9
Rhetoric and composition	na	na	na	na	na	na	na	na	na	154	218
Speech and rhetorical studies	151	128	98	142	131	126	138	152	165	53	33
Letters, general	27	16	19	21	15	34	74	22	25	18	27
Letters, other	68	63	54	82	36	45	40	41	46	26	32
Other humanities	2,212	2,240	2,221	2,281	2,208	1,701	1,835	1,849	1,987	2,090	2,208
American/U.S. studies	94	115	104	107	111	121	116	115	132	121	123
Archaeology	33	34	44	39	58	47	58	60	87	79	72
Art history/criticism/conservation	254	248	211	247	227	208	226	248	242	227	264
Bible/biblical studies	na	na	na	na	43	79	74	97	103	95	105
Drama/theater arts	86	93	88	85	107	83	104	104	107	111	120
Ethics	na	na	na	na	na	na	na	na	na	29	26
Film/cinema/video studies	na	na	na	na	na	na	na	na	na	62	67
Jewish/Judaic studies and history	na	na	na	na	na	na	na	na	na	17	33
Music	873	848	907	921	397	67	74	66	81	67	88
Musicology/ethnomusicology	na	na	na	na	40	106	127	135	137	138	128
Music performance	na	na	na	na	241	60	85	106	93	113	125
Music theory and composition	na	na	na	na	59	90	99	91	95	95	102
Music, other	na	na	na	na	96	17	18	18	22	21	29
Philosophy	392	365	355	370	411	400	422	432	462	497	493
Religion/religious studies	304	387	370	381	325	333	326	282	312	290	301
Humanities, general	27	18	25	23	33	14	49	28	43	16	31
Humanities, other	149	132	117	108	60	76	57	67	71	112	101
Other <sup>b</sup>	2,300	2,598	2,543	2,696	2,945	2,900	2,936	2,888	2,833	2,917	3,195
Business management and administration	1,036	1,256	1,171	1,311	1,506	1,421	1,405	1,365	1,327	1,404	1,545
Accounting	106	130	130	138	170	140	141	148	157	175	168
Banking/financial services	80	106	83	104	5	4	5	5	1	na	na
Business administration and management	340	369	299	355	316	204	173	157	146	221	261
Business/managerial economics	44	59	55	45	31	18	24	29	26	31	24
Finance	na	na	na	na	93	241	213	210	200	232	260
Hospitality, food service and tourism management	na	na	na	na	na	na	na	36	59	57	71
Human resources development	na	87	100	93	88	65	74	70	70	43	45
International business/trade/commerce	44	31	28	31	30	31	37	25	28	21	34
Management information systems/business statistics	86	94	95	137	142	156	136	108	100	103	107
Marketing management and research	111	134	143	164	197	190	183	157	156	174	190



TABLE 13. Doctorate recipients, by subfield of study: 2003–13

Subfield of study	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Operations research	26	52	50	65	66	78	51	84	70	80	103
Organizational behavior	113	127	120	111	184	157	167	174	189	164	187
Business management/administration, general	18	24	27	27	108	60	90	102	67	50	40
Business management/administration, other	68	43	41	41	76	77	111	60	58	53	55
Communication	415	450	488	510	560	557	627	638	650	595	649
Communication research	63	60	63	80	99	104	129	120	125	126	157
Communication theory	42	49	54	47	30	32	38	34	29	31	31
Mass communication/media studies	161	187	215	229	187	175	206	214	212	199	238
Film, radio, TV and digital communication	na	na	na	na	39	62	64	73	77	43	30
Communication, general	89	75	76	101	116	103	120	119	117	117	107
Communication, other	60	79	80	53	89	81	70	78	90	79	86
Non-S&E fields not elsewhere classified	849	892	883	871	876	922	904	885	856	918	1,001
Architecture/environmental design	69	66	76	92	96	75	81	81	81	109	101
Family/consumer science/human science	21	44	51	52	42	58	59	48	54	50	57
Law	52	56	41	76	79	88	73	68	57	53	81
Library science	42	23	30	30	36	31	25	40	35	49	38
Parks/sports/recreation/leisure/fitness	38	82	72	59	59	76	69	54	63	61	76
Public administration	121	116	104	98	111	114	129	126	118	132	127
Social work	273	304	323	308	287	338	333	308	289	279	330
Theology/religious education	174	150	150	114	104	138	129	160	150	184	175
Professional fields, general	4	na	na	na	na	na	na	na	na	na	na
Other fields, not elsewhere classified	55	51	36	42	62	4	6	0	9	1	16
Unknown field	0	0	1	4	3	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 removed from taxonomy in 2007. Graduates who indicated this field in 2007 are represented in counts for "chemistry, other."

<sup>b</sup> Non-science and engineering fields not shown separately.

SOURCE: NSF, NIH, USED, USDA, NEH, NASA, Survey of Earned Doctorates.