

TABLE 1. Doctorates awarded, by field of study: 2000–10

Field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
All fields	41,372	40,744	40,030	40,766	42,122	43,382	45,620	48,133	48,774	49,554	48,069
Science and engineering	25,966	25,529	24,608	25,283	26,275	27,984	29,867	31,831	32,836	33,466	33,141
Science	20,643	20,019	19,527	20,002	20,498	21,557	22,682	24,081	24,972	25,820	25,589
Agricultural sciences	1,037	977	1,009	1,060	1,045	1,038	1,033	1,140	1,088	1,167	984
Agricultural and horticultural plant breeding	68	37	59	50	36	35	41	39	28	24	31
Agricultural animal breeding	22	16	14	21	13	14	12	15	3	12	7
Agronomy and crop science	69	75	74	55	63	79	56	72	68	77	69
Animal nutrition	45	45	49	41	47	51	46	57	41	34	34
Animal science, other	73	71	70	88	75	71	72	63	77	74	54
Animal science, poultry (or avian)	9	11	10	18	21	14	15	22	18	17	12
Dairy science ^a	9	2	7	18	na	na	na	na	na	na	na
Environmental science	95	119	113	135	130	129	132	163	182	201	157
Fishing and fisheries sciences/management	43	44	53	47	38	34	52	43	52	67	34
Food science	10	16	7	11	94	93	97	121	96	110	100
Food science and technology, other	142	130	129	157	74	48	45	33	41	30	37
Forest engineering ^a	3	0	3	3	na	na	na	na	na	na	na
Forest sciences and biology	22	27	19	16	36	29	32	42	32	43	23
Forest/resources management	13	13	15	18	26	40	37	48	44	52	41
Forestry and related science, other	54	48	57	47	34	24	28	34	17	26	17
Horticulture science	55	37	46	54	46	49	54	48	50	55	42
Natural resources/conservation	19	32	27	48	45	64	60	70	78	84	88
Plant pathology/phytopathology	63	52	53	48	56	71	63	70	59	61	56
Plant sciences, other	29	26	27	29	34	31	43	46	39	60	49
Soil chemistry/microbiology	26	23	29	24	21	24	20	24	25	18	20
Soil sciences, other	64	56	55	50	52	52	48	59	68	49	39
Wildlife/range management	56	41	37	46	42	44	51	43	55	34	48
Wood science and pulp/paper technology	11	20	29	19	19	15	12	12	2	17	8
Agriculture, general	10	2	4	2	6	10	6	5	8	8	2
Agricultural science, other	27	34	23	15	37	17	11	11	5	14	16
Biological sciences	5,853	5,694	5,695	5,696	5,942	6,366	6,651	7,238	7,797	8,024	8,052
Anatomy	39	29	20	33	13	23	21	20	25	15	25
Bacteriology	15	17	12	6	15	13	10	22	22	20	24
Biochemistry	776	729	781	772	703	693	784	864	899	858	865
Bioinformatics ^b	na	na	na	na	na	na	na	83	147	175	122
Biomedical sciences	155	155	220	181	183	249	278	287	268	299	288
Biometrics and biostatistics	92	90	81	84	100	129	106	120	122	115	127
Biophysics	164	162	151	161	130	144	183	184	167	195	172
Biotechnology	14	9	13	24	26	23	32	28	32	26	22
Botany/plant biology	92	75	84	80	135	87	92	120	105	113	110
Cancer biology ^b	na	na	na	na	na	na	na	96	289	273	300
Cell/cellular biology and histology	337	315	302	301	292	316	337	373	376	354	361
Computational biology ^c	na	na	na	na	na	na	na	na	na	na	69
Developmental biology/embryology	112	107	93	126	141	162	149	177	185	185	192
Ecology	297	339	311	347	366	411	391	469	439	456	431
Endocrinology	20	18	14	21	22	29	18	25	22	33	23
Entomology	137	90	113	111	108	103	117	95	119	131	123
Environmental toxicology ^d	na	na	na	na	na	na	na	na	na	na	39
Evolutionary biology ^b	na	na	na	na	na	na	na	42	178	215	214
Genetics/Genomics, human and animal	227	199	226	226	258	285	286	372	413	364	380
Immunology	239	265	278	261	347	342	390	394	424	434	451
Microbiology	382	394	382	363	393	432	493	527	538	586	490
Molecular biology	706	711	623	615	725	724	780	709	786	763	701
Neurosciences	495	486	491	474	584	690	741	777	883	982	953
Nutrition sciences	150	135	142	127	131	163	148	164	176	174	180
Parasitology	19	22	17	15	20	21	27	16	23	24	36
Pathology, human and animal	106	117	115	101	98	93	80	105	105	106	79
Pharmacology, human and animal	267	257	268	275	288	315	328	292	281	343	290

TABLE 1. Doctorates awarded, by field of study: 2000–10

Field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Chemistry	1,989	1,982	1,923	2,040	1,986	2,126	2,363	2,318	2,246	2,392	2,306
Analytical chemistry	326	334	302	339	323	363	367	397	371	364	402
Inorganic chemistry	221	279	250	264	240	256	267	273	301	331	295
Medicinal/pharmaceutical chemistry ^f	107	115	99	110	113	110	150	na	na	na	na
Nuclear chemistry ^a	9	4	9	4	na	na	na	na	na	na	na
Organic chemistry	525	523	523	557	541	603	625	653	640	684	600
Physical chemistry	271	285	303	321	264	298	376	328	331	319	359
Polymer chemistry	107	107	102	109	116	119	134	122	106	119	126
Theoretical chemistry	52	40	48	49	54	57	86	86	80	86	86
Chemistry, general	261	203	202	184	198	191	211	310	271	299	270
Chemistry, other	110	92	85	103	137	129	147	149	146	190	168
Physics	1,204	1,198	1,123	1,080	1,184	1,331	1,368	1,540	1,586	1,630	1,629
Acoustics	10	10	18	24	17	25	15	18	15	21	15
Applied physics ^g	na	na	na	na	71	102	99	125	137	133	143
Atomic/molecular/chemical physics	110	81	82	74	82	87	90	111	119	104	106
Biophysics ^g	na	na	na	na	54	72	96	118	119	104	124
Condensed matter/low temperature physics	279	295	298	273	277	314	335	359	397	401	379
Fluids physics ^a	10	8	15	9	na	na	na	na	na	na	na
Medical physics/radiological science ^c	na	na	na	na	na	na	na	na	na	na	61
Nuclear physics	74	80	76	67	74	69	86	74	62	74	85
Optics/photonics	117	107	107	95	120	144	144	148	148	164	146
Particle (elementary) physics	147	121	154	134	163	188	200	202	210	218	196
Plasma/fusion physics	38	39	29	31	36	53	44	48	59	58	50
Polymer physics	21	18	22	13	18	29	23	29	43	24	18
Physics, general	224	207	171	170	141	128	145	187	159	212	216
Physics, other	174	232	151	190	131	120	91	121	118	117	90
Psychology	3,615	3,401	3,206	3,277	3,327	3,322	3,258	3,271	3,355	3,472	3,421
Clinical psychology	1,353	1,234	1,221	1,193	1,219	1,155	1,118	1,158	1,141	1,201	1,152
Cognitive psychology and psycholinguistics	140	141	121	132	145	147	181	174	181	189	220
Comparative psychology ^h	7	5	2	4	6	5	5	7	9	9	na
Counseling	475	476	472	435	512	466	409	415	422	422	409
Developmental and child psychology	203	195	174	178	186	224	203	197	198	182	191
Educational psychology	97	48	54	52	75	81	59	69	69	73	70
Experimental psychology	133	134	112	119	88	121	125	126	137	145	142
Family psychology	54	45	67	63	32	25	21	43	42	34	44
Human development and family studies	147	137	139	149	144	172	182	125	121	146	145
Industrial and organizational	188	174	154	161	157	186	174	187	213	196	207
Personality psychology	23	11	17	17	18	14	30	16	18	19	22
Physiological/psychobiology psychology	89	92	88	86	84	85	95	95	81	87	82
Psychometrics ^a	13	2	9	7	na	na	na	na	na	na	na
Psychometrics and quantitative psychology	8	10	13	11	29	22	20	35	23	29	37
School psychology	99	101	88	102	87	109	123	121	132	121	107
Social psychology	207	198	180	203	163	183	172	199	204	226	210
Psychology, general	237	224	143	218	218	184	207	194	198	210	184
Psychology, other	142	174	152	147	164	143	134	110	166	183	199
Social sciences	4,155	4,081	4,013	4,139	4,139	4,140	4,277	4,433	4,599	4,834	4,813
Economics	1,086	1,081	1,027	1,050	1,069	1,183	1,142	1,185	1,202	1,235	1,190
Agricultural economics	138	154	119	118	110	122	113	182	111	116	118
Econometrics	15	13	14	23	18	30	33	30	36	31	34
Economics	933	914	894	909	941	1,031	996	973	1,055	1,088	1,038
Political science	986	985	938	1,025	947	989	1,001	1,035	1,020	1,141	1,203
International relations/affairs	77	91	83	98	99	106	115	125	82	101	107
Political science and government	669	658	606	661	587	618	616	588	628	682	728
Public administration	103	96	103	121	116	104	98	111	114	129	125
Public policy analysis	137	140	146	145	145	161	172	211	196	229	243
Sociology ^j	617	566	547	597	580	536	579	576	601	662	638

TABLE 1. Doctorates awarded, by field of study: 2000–10

Field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Other social sciences	1,466	1,449	1,501	1,467	1,543	1,432	1,555	1,637	1,776	1,796	1,782
American/U.S. studies	113	127	97	94	115	104	107	111	122	116	114
Anthropology	446	410	496	472	531	456	472	512	483	503	509
Archeology	36	40	26	33	34	44	39	58	47	58	60
Area/ethnic/cultural/gender studies	14	19	25	12	18	6	23	98	114	112	113
Criminal justice and corrections ^b	na	na	na	na	na	na	na	46	74	75	74
Criminology	66	62	56	77	69	97	100	46	54	61	52
Demography/population studies ⁱ	20	12	20	15	19	20	24	14	23	18	13
Geography	197	186	197	167	190	195	205	200	249	209	225
Gerontology ^c	na	na	na	na	na	na	na	na	na	na	18
History, science and technology, and society	42	40	48	46	48	43	56	51	48	56	46
Linguistics	230	230	193	224	254	212	252	226	254	275	241
Statistics	60	49	54	48	31	22	22	29	20	17	21
Urban affairs/studies	78	80	92	78	85	81	84	41	28	33	34
Urban/city, community, and regional planning ^b	na	na	na	na	na	na	na	71	116	92	106
Social sciences, general	37	26	33	28	32	33	45	37	37	51	48
Social sciences, other	127	168	164	173	117	119	126	97	107	120	108
Engineering ^j	5,323	5,510	5,081	5,281	5,777	6,427	7,185	7,750	7,864	7,646	7,552
Aerospace, aeronautical, and astronautical engineering	214	202	209	200	201	219	238	267	266	297	252
Chemical engineering	619	636	607	568	638	774	799	817	873	807	821
Civil engineering	480	501	540	552	547	622	655	703	713	709	645
Electrical, electronics, and communications engineering	1,330	1,346	1,211	1,238	1,389	1,547	1,786	1,967	1,888	1,695	1,776
Industrial and manufacturing engineering	176	206	230	214	217	221	234	279	280	252	214
Materials science engineering	404	448	364	438	474	493	583	646	636	625	670
Mechanical engineering	807	878	771	752	754	892	1,044	1,071	1,082	1,094	987
Other engineering	1,293	1,293	1,149	1,319	1,557	1,659	1,846	2,000	2,126	2,167	2,187
Agricultural engineering	60	52	50	54	60	47	53	49	61	64	58
Bioengineering and biomedical engineering	251	233	246	281	369	417	525	637	762	836	826
Ceramic sciences engineering	22	17	13	18	14	14	8	14	7	5	11
Communications engineering	42	47	22	36	34	27	26	37	26	25	15
Computer engineering	172	186	160	192	228	277	321	405	386	379	374
Engineering management and administration ^b	na	na	na	na	na	na	na	36	39	40	39
Engineering mechanics	57	75	56	62	98	86	102	56	60	63	47
Engineering physics	26	22	16	28	28	27	35	20	26	31	31
Engineering science	34	53	31	39	58	43	44	43	35	42	52
Environmental health engineering	76	94	90	122	126	136	149	160	153	120	113
Metallurgical engineering	25	32	19	19	22	33	34	18	22	26	11
Mining and mineral engineering	11	10	8	14	9	12	16	16	13	14	7
Nuclear engineering	98	76	64	75	59	72	67	77	99	73	90
Ocean engineering	18	28	23	12	21	18	15	18	25	29	23
Operations research	51	55	66	81	72	87	89	96	80	79	84
Petroleum engineering	45	37	45	36	34	50	47	40	44	54	51
Polymer and plastics engineering	62	57	53	44	54	51	45	74	49	60	57
Structural engineering ^c	na	na	na	na	na	na	na	na	na	na	66
Systems engineering	34	46	45	44	58	58	79	72	80	67	68
Engineering, general	43	25	20	19	29	53	60	35	43	44	36
Engineering, other	166	148	122	143	184	151	131	97	116	116	128
Non-science and engineering	15,406	15,215	15,422	15,483	15,847	15,398	15,753	16,302	15,938	16,088	14,928
Education	6,442	6,356	6,508	6,651	6,635	6,227	6,121	6,448	6,561	6,528	5,294

TABLE 1. Doctorates awarded, by field of study: 2000–10

Field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Health	1,591	1,540	1,655	1,633	1,718	1,784	1,907	2,143	2,090	2,096	2,112
Humanities	5,213	5,178	5,050	5,019	5,012	4,950	5,124	4,873	4,502	4,661	4,759
Professional/other/unknown	2,160	2,141	2,209	2,180	2,482	2,437	2,601	2,838	2,785	2,803	2,763

na = not applicable; subfield was not identified separately in questionnaire for that year.

^a This subfield was dropped in 2004.

^b This subfield was introduced in 2007.

^c This subfield was introduced in 2010.

^d Environmental toxicology is classified as biological science in 2010 but was classified as health science in years prior to 2010.

^e This subfield was introduced in 2001.

^f This subfield was removed from the Survey of Earned Doctorates taxonomy in 2007. Graduates who indicated this field in 2007 are represented in the counts for "chemistry, other."

^g This subfield was introduced in 2004.

^h This field was dropped in 2010.

ⁱ In previous editions of this report, sociology and demography/population studies were reported as constituent fields within the "sociology" group. Beginning 2007 sociology is reported separately, and demography/population studies is reported in "other social sciences."

^j Before 2007, seven major engineering fields and their constituent fine fields were reported in addition to "other engineering." In 2007 each major field was replaced by its largest constituent field; remaining constituent fine fields are reported in "other engineering."

NOTES: Categories are grouped according to National Science Foundation taxonomy, which is different from the classification listed in questionnaire and summary reports. That is, the following categories are included in social sciences and not in humanities: American/U.S. studies; history, science and technology, and society; and archaeology. In addition, public administration is included in social sciences and not in professional fields, agricultural economics is included in social sciences and not in biological sciences, and agricultural business and management is included in business management/administration and not in agricultural sciences.

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