

TABLE A-2. Science, engineering, and health organizational units in doctorate-granting institutions, by detailed field: 2005–11

Field	2005 ^a	2006	2007old ^b	2007new ^b	2008	2009	2010	2011
All surveyed fields	11,004	10,946	10,976	11,210	11,773	11,865	12,276	12,419
Science and engineering	7,990	7,993	8,235	8,516	9,008	9,191	9,482	9,685
Science	6,402	6,397	6,571	6,840	7,272	7,435	7,661	7,862
Agricultural sciences	389	383	388	393	438	453	445	456
Biological sciences	2,090	2,083	2,101	2,092	2,175	2,227	2,279	2,306
Anatomy	74	70	67	65	60	59	58	49
Biochemistry	184	181	183	178	182	183	185	181
Biology	269	275	271	260	273	274	269	269
Biometry/epidemiology	95	95	105	117	126	136	149	169
Biophysics	35	36	37	35	35	36	38	36
Botany	72	71	69	67	67	68	67	65
Cell/molecular biology	166	177	180	181	192	205	216	219
Ecology	45	46	51	47	44	41	42	41
Entomology/parasitology	40	40	39	39	42	40	40	38
Genetics	102	98	101	102	106	108	108	109
Microbiology/immunology/virology	246	237	234	225	229	225	222	226
Nutrition	131	131	128	120	121	121	124	119
Pathology	123	118	107	106	113	116	117	111
Pharmacology	155	152	151	150	154	158	160	161
Physiology	123	120	123	139	160	163	160	165
Zoology	29	27	27	27	22	20	18	19
Biological sciences, nec	201	209	228	234	249	274	306	329
Communication ^b	ne	ne	ne	119	142	156	167	182
Computer sciences	391	394	409	401	417	422	439	437
Earth, atmospheric, and ocean sciences	376	375	382	374	387	388	407	409
Atmospheric sciences	36	33	38	40	42	42	51	54
Geosciences	208	205	208	206	212	215	211	211
Ocean sciences	56	57	59	57	59	59	65	62
Earth/atmospheric/ocean sciences, nec	76	80	77	71	74	72	80	82
Family and consumer sciences/human sciences ^b	ne	ne	ne	61	71	81	87	95
Mathematical sciences	419	419	424	418	447	450	450	452
Mathematics/applied mathematics	327	327	329	321	338	339	335	341
Statistics	92	92	95	97	109	111	115	111
Multidisciplinary/interdisciplinary studies ^b	ne	ne	ne	117	191	226	302	313
Neuroscience ^b	na	na	na	44	63	84	107	163
Physical sciences	604	606	610	608	627	640	664	669
Astronomy	41	41	43	43	46	46	49	51
Chemistry	285	288	289	289	294	297	295	299
Physics	251	250	251	252	260	262	270	273
Physical sciences, nec	27	27	27	24	27	35	50	46
Psychology	642	643	669	657	685	662	657	659
Clinical psychology	141	145	143	143	145	151	149	146
Psychology, general	192	192	191	188	194	189	180	178
Psychology, nec	309	306	335	326	346	322	328	335
Social sciences	1,491	1,494	1,588	1,556	1,629	1,646	1,657	1,721
Agricultural economics	57	57	56	54	53	55	52	48
Anthropology (cultural/social)	141	142	147	148	151	155	155	158
Economics (except agricultural)	195	194	194	198	215	218	215	214
Geography	105	105	105	105	111	113	114	115
History and philosophy of science	31	33	33	30	32	30	25	25
Linguistics	73	75	79	74	80	80	79	82
Political science/public administration	381	379	397	390	387	389	396	452
Sociology	184	181	185	183	194	200	203	204

TABLE A-2. Science, engineering, and health organizational units in doctorate-granting institutions, by detailed field: 2005–11

Field	2005 ^a	2006	2007old ^b	2007new ^b	2008	2009	2010	2011
Sociology/anthropology	24	22	22	20	17	16	12	10
Social sciences, nec	300	306	370	354	389	390	406	413
Engineering	1,588	1,596	1,664	1,676	1,736	1,756	1,821	1,823
Aerospace engineering	55	57	58	58	56	58	62	60
Agricultural engineering	36	38	38	38	37	36	36	43
Architecture ^b	na	na	na	58	79	82	83	58
Biomedical engineering	101	110	116	117	128	137	143	139
Chemical engineering	148	147	149	149	150	148	148	146
Civil engineering ^b	272	269	290	243	247	251	257	248
Electrical engineering	266	261	271	270	272	265	266	280
Engineering science/engineering physics	38	38	37	37	40	43	47	56
Industrial/manufacturing engineering	172	169	172	170	168	157	161	163
Mechanical engineering	191	190	196	196	198	203	210	206
Metallurgical/materials engineering	113	115	117	119	125	129	129	141
Mining engineering	22	21	19	18	18	18	19	19
Nuclear engineering	23	23	26	24	25	25	26	27
Petroleum engineering	18	19	19	19	18	17	18	18
Engineering, nec	133	139	156	160	175	187	216	219
Health	3,014	2,953	2,741	2,694	2,765	2,674	2,794	2,734
Clinical medicine	2,001	1,937	1,739	1,693	1,767	1,757	1,888	1,888
Anesthesiology	88	88	72	72	68	65	64	60
Cardiology	60	56	46	46	54	52	57	63
Endocrinology	58	56	49	50	53	51	53	50
Gastroenterology	56	53	46	45	45	44	50	48
Hematology	57	53	43	43	42	41	41	41
Neurology ^b	175	178	177	127	122	117	112	82
Obstetrics/gynecology	84	83	68	67	68	69	72	71
Oncology/cancer research	94	94	91	91	94	101	110	114
Ophthalmology	72	69	57	56	55	58	63	62
Otorhinolaryngology	55	55	45	46	44	44	45	47
Pediatrics	103	95	86	86	84	85	100	106
Preventive medicine/community health	206	204	213	219	239	244	276	301
Psychiatry	101	99	84	81	81	75	83	80
Pulmonary disease	54	51	42	42	45	46	43	44
Radiology	118	112	98	97	100	106	110	107
Surgery	222	206	176	173	171	168	172	172
Clinical medicine, nec	398	385	346	352	402	391	437	440
Other health	1,013	1,016	1,002	1,001	998	917	906	846
Dental sciences	79	79	86	93	92	98	100	103
Nursing	197	197	178	178	171	149	131	131
Pharmaceutical sciences	93	93	91	95	103	105	107	112
Communication disorders sciences	168	167	169	170	166	154	151	153
Veterinary sciences	79	79	73	86	84	86	96	87
Other health, nec	397	401	405	379	382	325	321	260

na = not applicable; data were not collected at this level of detail. ne = not eligible; data were not collected for this field prior to 2007.

nec = not elsewhere classified.

^a Includes organizational units at schools closed because of Hurricane Katrina.

^b In 2007, GSS-eligible fields were reclassified, newly eligible fields were added, and survey was redesigned to improve coverage and coding of GSS-eligible units. "2007new" presents data as collected in 2007; "2007old" reflects data as they would have been collected under 2006 methodology. Science fields "communication" and "family and consumer sciences/human sciences" are newly eligible; data for these two fields are only in 2007new. Science field "multidisciplinary/interdisciplinary studies" is also newly eligible; these data may have been reported under other fields before 2007. "Neuroscience" is reported as a separate field of science in 2007new; these data were reported under health field "neurology" in 2007old and previous years. "Architecture" is reported as a separate field of engineering in 2007new; these data were reported under "civil engineering" in 2007old and previous years. See appendix A, "Technical Notes," in <http://www.nsf.gov/statistics/nsf10307/> for more detail.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering.