

TABLE A-2. Science, engineering, and health organizational units in doctorate-granting institutions, by detailed field: 2004–10

Field	2004	2005 <sup>a</sup>	2006	2007old <sup>b</sup>	2007new <sup>b</sup>	2008	2009	2010
All surveyed fields	10,858	11,004	10,946	10,976	11,210	11,773	11,865	12,276
Science and engineering	7,870	7,990	7,993	8,235	8,516	9,008	9,191	9,482
Science	6,308	6,402	6,397	6,571	6,840	7,272	7,435	7,661
Agricultural sciences	377	389	383	388	393	438	453	445
Biological sciences	2,050	2,090	2,083	2,101	2,092	2,175	2,227	2,279
Anatomy	75	74	70	67	65	60	59	58
Biochemistry	181	184	181	183	178	182	183	185
Biology	268	269	275	271	260	273	274	269
Biometry/epidemiology	93	95	95	105	117	126	136	149
Biophysics	34	35	36	37	35	35	36	38
Botany	71	72	71	69	67	67	68	67
Cell/molecular biology	159	166	177	180	181	192	205	216
Ecology	45	45	46	51	47	44	41	42
Entomology/parasitology	42	40	40	39	39	42	40	40
Genetics	97	102	98	101	102	106	108	108
Microbiology/immunology/virology	248	246	237	234	225	229	225	222
Nutrition	127	131	131	128	120	121	121	124
Pathology	125	123	118	107	106	113	116	117
Pharmacology	156	155	152	151	150	154	158	160
Physiology	123	123	120	123	139	160	163	160
Zoology	29	29	27	27	27	22	20	18
Biological sciences, nec	177	201	209	228	234	249	274	306
Communication <sup>b</sup>	ne	ne	ne	ne	119	142	156	167
Computer sciences	382	391	394	409	401	417	422	439
Earth, atmospheric, and ocean sciences	373	376	375	382	374	387	388	407
Atmospheric sciences	35	36	33	38	40	42	42	51
Geosciences	207	208	205	208	206	212	215	211
Ocean sciences	57	56	57	59	57	59	59	65
Earth/atmospheric/ocean sciences, nec	74	76	80	77	71	74	72	80
Family and consumer sciences/human sciences <sup>b</sup>	ne	ne	ne	ne	61	71	81	87
Mathematical sciences	412	419	419	424	418	447	450	450
Mathematics/applied mathematics	322	327	327	329	321	338	339	335
Statistics	90	92	92	95	97	109	111	115
Multidisciplinary/interdisciplinary studies <sup>b</sup>	ne	ne	ne	ne	117	191	226	302
Neuroscience <sup>b</sup>	na	na	na	na	44	63	84	107
Physical sciences	595	604	606	610	608	627	640	664
Astronomy	39	41	41	43	43	46	46	49
Chemistry	281	285	288	289	289	294	297	295
Physics	250	251	250	251	252	260	262	270
Physical sciences, nec	25	27	27	27	24	27	35	50
Psychology	645	642	643	669	657	685	662	657
Clinical psychology	143	141	145	143	143	145	151	149
Psychology, general	191	192	192	191	188	194	189	180
Psychology, nec	311	309	306	335	326	346	322	328
Social sciences	1,474	1,491	1,494	1,588	1,556	1,629	1,646	1,657
Agricultural economics	57	57	57	56	54	53	55	52
Anthropology (cultural/social)	138	141	142	147	148	151	155	155
Economics	198	195	194	194	198	215	218	215
Geography	107	105	105	105	105	111	113	114
History and philosophy of science	27	31	33	33	30	32	30	25
Linguistics	74	73	75	79	74	80	80	79
Political science/public administration	379	381	379	397	390	387	389	396
Sociology	184	184	181	185	183	194	200	203

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Field	2004	2005 <sup>a</sup>	2006	2007old <sup>b</sup>	2007new <sup>b</sup>	2008	2009	2010
Sociology/anthropology	24	24	22	22	20	17	16	12
Social sciences, nec	286	300	306	370	354	389	390	406
Engineering	1,562	1,588	1,596	1,664	1,676	1,736	1,756	1,821
Aerospace engineering	54	55	57	58	58	56	58	62
Agricultural engineering	38	36	38	38	38	37	36	36
Architecture <sup>b</sup>	na	na	na	na	58	79	82	83
Biomedical engineering	97	101	110	116	117	128	137	143
Chemical engineering	146	148	147	149	149	150	148	148
Civil engineering <sup>b</sup>	267	272	269	290	243	247	251	257
Electrical engineering	259	266	261	271	270	272	265	266
Engineering science/engineering physics	38	38	38	37	37	40	43	47
Industrial/manufacturing engineering	172	172	169	172	170	168	157	161
Mechanical engineering	190	191	190	196	196	198	203	210
Metallurgical/materials engineering	113	113	115	117	119	125	129	129
Mining engineering	22	22	21	19	18	18	18	19
Nuclear engineering	23	23	23	26	24	25	25	26
Petroleum engineering	18	18	19	19	19	18	17	18
Engineering, nec	125	133	139	156	160	175	187	216
Health	2,988	3,014	2,953	2,741	2,694	2,765	2,674	2,794
Clinical medicine	2,000	2,001	1,937	1,739	1,693	1,767	1,757	1,888
Anesthesiology	88	88	88	72	72	68	65	64
Cardiology	62	60	56	46	46	54	52	57
Endocrinology	60	58	56	49	50	53	51	53
Gastroenterology	60	56	53	46	45	45	44	50
Hematology	60	57	53	43	43	42	41	41
Neurology <sup>b</sup>	172	175	178	177	127	122	117	112
Obstetrics/gynecology	84	84	83	68	67	68	69	72
Oncology/cancer research	90	94	94	91	91	94	101	110
Ophthalmology	73	72	69	57	56	55	58	63
Otorhinolaryngology	56	55	55	45	46	44	44	45
Pediatrics	105	103	95	86	86	84	85	100
Preventive medicine/community health	200	206	204	213	219	239	244	276
Psychiatry	101	101	99	84	81	81	75	83
Pulmonary disease	56	54	51	42	42	45	46	43
Radiology	116	118	112	98	97	100	106	110
Surgery	225	222	206	176	173	171	168	172
Clinical medicine, nec	392	398	385	346	352	402	391	437
Other health	988	1,013	1,016	1,002	1,001	998	917	906
Dental sciences	76	79	79	86	93	92	98	100
Nursing	191	197	197	178	178	171	149	131
Pharmaceutical sciences	94	93	93	91	95	103	105	107
Communication disorders sciences	168	168	167	169	170	166	154	151
Veterinary sciences	72	79	79	73	86	84	86	96
Other health, nec	387	397	401	405	379	382	325	321

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.

<sup>a</sup> Includes organizational units at schools closed because of Hurricane Katrina.

<sup>b</sup> 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," 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.