

TABLE 48. Postdoctoral appointees in science, engineering, and health in all institutions, by detailed field and origin of doctoral degree: 2010

Field	Total	United States <sup>a</sup>	Foreign country	Degree origin unknown/ not reported
All surveyed fields	63,415	19,974	16,588	26,853
Science and engineering	44,051	14,099	11,293	18,659
Science	37,095	11,897	9,856	15,342
Agricultural sciences	1,195	407	235	553
Biological sciences	21,537	6,442	6,075	9,020
Anatomy	437	92	102	243
Biochemistry	2,533	727	643	1,163
Biology	2,555	1,094	712	749
Biometry/epidemiology	466	209	89	168
Biophysics	240	43	41	156
Botany	603	104	101	398
Cell biology	2,796	780	801	1,215
Ecology	238	80	25	133
Entomology/parasitology	233	70	42	121
Genetics	1,389	368	441	580
Microbiology/immunology/virology	2,374	754	739	881
Nutrition	219	86	49	84
Pathology	1,797	443	516	838
Pharmacology	1,656	480	496	680
Physiology	1,448	496	488	464
Zoology	76	19	20	37
Biological sciences, nec	2,477	597	770	1,110
Communication <sup>b</sup>	60	30	8	22
Computer sciences	748	286	171	291
Earth, atmospheric, and ocean sciences	1,760	624	402	734
Atmospheric sciences	184	75	60	49
Geosciences	601	235	150	216
Oceanography	332	162	92	78
Earth/atmospheric/ocean sciences, nec	643	152	100	391
Family and consumer sciences/human sciences <sup>b</sup>	30	10	1	19
Mathematical sciences	756	368	135	253
Mathematics/applied mathematics	680	341	125	214
Statistics	76	27	10	39
Multidisciplinary/interdisciplinary studies <sup>b</sup>	765	176	99	490
Neuroscience <sup>b</sup>	818	243	236	339
Physical sciences	7,703	2,378	2,205	3,120
Astronomy	532	210	145	177
Chemistry	4,241	1,175	1,294	1,772
Physics	2,628	943	738	947
Physical sciences, nec	302	50	28	224
Psychology	1,077	630	201	246
Clinical psychology	123	89	5	29
Psychology, general	634	349	115	170
Psychology, nec	320	192	81	47
Social sciences	646	303	88	255
Agricultural economics	44	20	2	22
Anthropology (cultural/social)	83	40	6	37
Economics (except agricultural)	47	12	6	29
Geography	62	28	6	28
History and philosophy of science	13	5	4	4
Linguistics	27	13	5	9

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Political science	85	43	8	34
Sociology	81	48	7	26
Sociology/anthropology	0	0	0	0
Social sciences, nec	204	94	44	66
Engineering	6,956	2,202	1,437	3,317
Aerospace engineering	191	81	40	70
Agricultural engineering	119	38	33	48
Architecture <sup>b</sup>	10	2	4	4
Biomedical engineering	1,036	321	188	527
Chemical engineering	1,092	341	217	534
Civil engineering <sup>b</sup>	570	215	102	253
Electrical engineering	1,097	346	229	522
Engineering science	243	123	85	35
Industrial engineering	163	42	16	105
Mechanical engineering	1,009	301	234	474
Metallurgical/materials engineering	835	246	185	404
Mining engineering	6	2	0	4
Nuclear engineering	107	19	21	67
Petroleum engineering	46	19	22	5
Engineering, nec	432	106	61	265
Health	19,364	5,875	5,295	8,194
Clinical medicine	16,610	5,139	4,690	6,781
Anesthesiology	477	96	102	279
Cardiology	700	187	265	248
Endocrinology	457	152	212	93
Gastroenterology	320	88	110	122
Hematology	352	101	96	155
Neurology <sup>b</sup>	1,328	398	372	558
Obstetrics/gynecology	333	97	96	140
Oncology/cancer research	1,903	640	631	632
Ophthalmology	523	109	166	248
Otorhinolaryngology	140	56	58	26
Pediatrics	1,209	525	343	341
Preventive medicine/community health	580	234	107	239
Psychiatry	1,066	430	140	496
Pulmonary disease	287	125	84	78
Radiology	1,034	259	299	476
Surgery	1,257	283	406	568
Clinical medicine, nec	4,644	1,359	1,203	2,082
Other health	2,754	736	605	1,413
Dental sciences	358	85	104	169
Nursing	55	33	2	20
Pharmaceutical sciences	1,102	240	243	619

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Speech pathology/audiology	54	17	6	31
Veterinary sciences	464	118	95	251
Other health, nec	721	243	155	323

nec = not elsewhere classified.

<sup>a</sup>United States includes Puerto Rico and U.S. territories.

<sup>b</sup>In 2007, eligible fields were reclassified, newly eligible fields were added, and survey was redesigned to improve coverage and coding of eligible units. "2007new" presents data as collected in 2007; "2007old" shows data as they would have been collected in prior years. "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; data may have been reported under other fields before 2007. "Neuroscience" is reported as separate field of science in 2007new; data were reported under health field "neurology" in 2007old and previous years. "Architecture" is reported as separate field of engineering in 2007new; data were reported under "civil engineering" in 2007old and previous years. See appendix A in <http://www.nsf.gov/statistics/nsf10307/> for more detail.

NOTES: In 2010, postdoc section of survey was expanded, and significant effort was made to ensure that appropriate personnel were providing postdoc data (see appendix A for more information). Thus it is unclear how much of increase reported in 2010 represents growth in postdoctoral appointments and how much results from improved data collection. More information on changes in postdoc data will be available in forthcoming InfoBrief at <http://www.nsf.gov/statistics/gradpostdoc>. Origin of doctoral degree for postdocs was collected for first time in 2010, and any missing data in this item were not imputed in 2010 because of lack of historical data.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering, 2010.