

TABLE 40. Postdoctoral appointees in science, engineering, and health in all institutions, by detailed field and primary mechanism of support: 2010

Field	Total	Fellowships	Research grants	Traineeships	Other types of support	Not reported
All surveyed fields	63,415	5,803	35,644	4,133	9,036	8,799
Science and engineering	44,051	3,646	27,054	2,062	5,696	5,593
Science	37,095	3,280	22,416	2,002	4,946	4,451
Agricultural sciences	1,195	54	905	16	170	50
Biological sciences	21,537	1,810	12,835	1,670	2,955	2,267
Anatomy	437	41	209	41	48	98
Biochemistry	2,533	149	1,615	150	395	224
Biology	2,555	330	1,527	105	332	261
Biometry/epidemiology	466	45	211	103	85	22
Biophysics	240	23	159	7	45	6
Botany	603	26	367	2	81	127
Cell biology	2,796	273	1,491	121	472	439
Ecology	238	16	138	2	46	36
Entomology/parasitology	233	3	170	2	42	16
Genetics	1,389	82	799	106	219	183
Microbiology/immunology/virology	2,374	201	1,532	190	286	165
Nutrition	219	3	149	15	35	17
Pathology	1,797	127	966	139	299	266
Pharmacology	1,656	149	1,003	128	179	197
Physiology	1,448	157	813	165	174	139
Zoology	76	4	64	2	6	0
Biological sciences, nec	2,477	181	1,622	392	211	71
Communication ^a	60	20	30	0	10	0
Computer sciences	748	62	541	10	62	73
Earth, atmospheric, and ocean sciences	1,760	165	980	15	233	367
Atmospheric sciences	184	20	149	0	14	1
Geosciences	601	76	404	2	76	43
Oceanography	332	53	242	13	22	2
Earth/atmospheric/ocean sciences, nec	643	16	185	0	121	321
Family and consumer sciences/human sciences ^a	30	4	13	1	5	7
Mathematical sciences	756	87	317	50	217	85
Mathematics/applied mathematics	680	81	277	50	209	63
Statistics	76	6	40	0	8	22
Multidisciplinary/interdisciplinary studies ^a	765	61	403	12	56	233
Neuroscience ^a	818	177	503	51	58	29
Physical sciences	7,703	564	5,073	58	821	1,187
Astronomy	532	65	322	1	54	90
Chemistry	4,241	348	2,753	43	499	598
Physics	2,628	146	1,852	14	255	361
Physical sciences, nec	302	5	146	0	13	138
Psychology	1,077	165	581	76	161	94
Clinical psychology	123	24	41	11	38	9
Psychology, general	634	86	336	47	86	79
Psychology, nec	320	55	204	18	37	6
Social sciences	646	111	235	43	198	59
Agricultural economics	44	2	26	0	9	7
Anthropology (cultural/social)	83	21	22	1	31	8
Economics (except agricultural)	47	5	17	0	15	10
Geography	62	3	32	4	11	12
History and philosophy of science	13	3	2	0	7	1
Linguistics	27	4	10	2	11	0
Political science	85	24	28	1	28	4

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Sociology	81	11	26	18	23	3
Sociology/anthropology	0	0	0	0	0	0
Social sciences, nec	204	38	72	17	63	14
Engineering	6,956	366	4,638	60	750	1,142
Aerospace engineering	191	4	140	0	22	25
Agricultural engineering	119	0	96	1	22	0
Architecture ^a	10	2	5	1	2	0
Biomedical engineering	1,036	87	595	29	77	248
Chemical engineering	1,092	54	713	3	140	182
Civil engineering ^a	570	29	370	2	102	67
Electrical engineering	1,097	58	690	10	107	232
Engineering science	243	15	212	0	7	9
Industrial engineering	163	7	97	1	28	30
Mechanical engineering	1,009	59	652	3	142	153
Metallurgical/materials engineering	835	23	617	6	74	115
Mining engineering	6	0	2	0	0	4
Nuclear engineering	107	2	90	0	5	10
Petroleum engineering	46	0	42	0	1	3
Engineering, nec	432	26	317	4	21	64
Health	19,364	2,157	8,590	2,071	3,340	3,206
Clinical medicine	16,610	1,894	7,233	1,726	3,019	2,738
Anesthesiology	477	27	190	23	81	156
Cardiology	700	147	262	67	102	122
Endocrinology	457	63	198	50	88	58
Gastroenterology	320	47	120	34	37	82
Hematology	352	63	169	40	39	41
Neurology ^a	1,328	94	604	141	268	221
Obstetrics/gynecology	333	68	113	34	69	49
Oncology/cancer research	1,903	193	1,063	151	432	64
Ophthalmology	523	27	239	33	69	155
Otorhinolaryngology	140	37	69	18	8	8
Pediatrics	1,209	214	574	125	234	62
Preventive medicine/community health	580	64	251	87	74	104
Psychiatry	1,066	49	416	184	208	209
Pulmonary disease	287	51	98	48	40	50
Radiology	1,034	118	495	118	152	151
Surgery	1,257	83	572	122	318	162
Clinical medicine, nec	4,644	549	1,800	451	800	1,044
Other health	2,754	263	1,357	345	321	468
Dental sciences	358	22	194	59	59	24
Nursing	55	9	10	17	14	5
Pharmaceutical sciences	1,102	106	473	172	153	198

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Field	Total	Fellowships	Research		Other types of support	Not reported
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Speech pathology/audiology	54	0	35	6	9	4
Veterinary sciences	464	31	337	18	53	25
Other health, nec	721	95	308	73	33	212

nec = not elsewhere classified.

^a 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. "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>. Details on primary mechanism and source of support for postdocs were 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.