TABLE 35. Postdoctoral appointees in science, engineering, and health in public institutions, by detailed field: 2004–10

Field	2004	2005	2006	2007old[a]	2007new[a]	2008	2009	2010[b]
All surveyed fields	26,482	27,218	27,719	28,069	28,187	29,686	32,467	35,279
Science and engineering	20,571	20,917	21,355	21,539	21,687	22,866	24,622	26,180
Science	18,206	18,311	18,476	18,538	18,653	19,402	20,533	21,893
Agricultural sciences	894	920	857	886	923	1,097	1,033	1,141
Biological sciences	10,404	10,428	10,541	10,677	10,600	10,844	11,270	11,632
Anatomy	329	283	257	244	220	231	230	290
Biochemistry	1,473	1,466	1,468	1,393	1,386	1,310	1,418	1,484
Biology	997	998	1,203	1,136	1,119	1,217	1,209	1,276
Biometry/epidemiology	119	139	179	184	193	161	197	227
Biophysics	62	44	75	49	49	37	57	41
Botany	559	574	627	601	599	611	625	589
Cell biology	1,023	1,064	1,061	1,107	1,124	1,151	1,363	1,390
Ecology	126	145	145	157	149	158	157	156
Entomology/parasitology	274	268	232	235	235	210	242	223
Genetics	404	373	378	349	346	344	385	442
Microbiology/immunology/virology	1,179	1,188	1,180	1,179	1,143	1,111	1,161	1,284
Nutrition	228	253	222	294	268	224	200	193
Pathology	585	601	538	507	498	587	674	708
Pharmacology	957	930	905	874	874	895	988	1,009
Physiology	782	793	796	734	792	770	842	830
Zoology	100	132	103	103	101	68	78	76
Biological sciences, nec	1,207	1,177	1,172	1,531	1,504	1,759	1,444	1,414
Communication[a]	ne	ne	ne	ne	14	9	11	27
Computer sciences	229	256	290	294	247	266	319	426
Earth, atmospheric, and ocean sciences	940	1,045	1,164	993	921	953	1,004	1,326
Atmospheric sciences	128	119	124	109	111	105	116	173
Geosciences	273	290	310	300	304	294	271	324
Oceanography	225	280	264	243	243	224	296	267
Earth/atmospheric/ocean sciences, nec	314	356	466	341	263	330	321	562
Family and consumer sciences/human sciences[a]	ne	ne	ne	ne	8	19	20	24
Mathematical sciences	297	283	369	423	418	450	446	434
Mathematics/applied mathematics	270	262	329	398	391	410	418	392
Statistics	27	21	40	25	27	40	28	42
Multidisciplinary/interdisciplinary studies[a]	ne	ne	ne	ne	208	308	393	627
Neuroscience[a]	na	na	na	na	92	97	277	337
Physical sciences	4,742	4,684	4,502	4,383	4,341	4,453	4,856	4,998
Astronomy	227	217	220	241	241	243	289	287
Chemistry	2,894	2,828	2,725	2,608	2,563	2,552	2,802	2,743
Physics	1,455	1,491	1,433	1,412	1,415	1,519	1,622	1,787
Physical sciences, nec	166	148	124	122	122	139	143	181
Psychology	480	474	513	583	582	586	584	567
Clinical psychology	38	46	35	46	46	42	52	52
Psychology, general	316	291	328	338	331	376	333	320
Psychology, nec	126	137	150	199	205	168	199	195
Social sciences	220	221	240	299	299	320	320	354
Agricultural economics	34	39	32	46	42	44	41	41
Anthropology (cultural/social)	27	39	40	53	53	63	57	56
Economics (except agricultural)	16	6	8	19	23	22	22	18
Geography	23	37	51	34	34	36	50	53
History and philosophy of science	0	5	2	3	3	2	3	4
Linguistics	10	7	7	12	12	13	8	13
Political science	29	20	26	22	22	23	31	29

TABLE 35. Postdoctoral appointees in science, engineering, and health in public institutions, by detailed field: 2004–10

Field	2004	2005	2006	2007old[a]	2007new[a]	2008	2009	2010[b]
Sociology	32	27	23	18	18	13	26	45
Sociology/anthropology	2	2	5	0	0	1	0	0
Social sciences, nec	47	39	46	92	92	103	82	95
Engineering	2,365	2,606	2,879	3,001	3,034	3,464	4,089	4,287
Aerospace engineering	87	102	117	111	111	96	114	118
Agricultural engineering	76	80	108	128	128	128	110	110
Architecture[a]	na	na	na	na	2	7	18	7
Biomedical engineering	211	231	260	273	273	306	438	475
Chemical engineering	454	479	498	502	534	602	744	719
Civil engineering[a]	179	241	319	278	279	322	382	391
Electrical engineering	401	459	490	570	569	692	708	727
Engineering science	45	22	51	31	22	69	74	61
Industrial engineering	45	41	43	50	45	90	83	113
Mechanical engineering	295	350	386	466	463	493	586	617
Metallurgical/materials engineering	383	402	386	359	368	394	500	567
Mining engineering	9	8	11	4	5	5	4	6
Nuclear engineering	43	32	45	47	43	51	60	66
Petroleum engineering	4	7	12	13	13	15	23	27
Engineering, nec	133	152	153	169	179	194	245	283
Health	5,911	6,301	6,364	6,530	6,500	6,820	7,845	9,099
Clinical medicine	4,466	4,757	4,795	4,873	4,746	5,041	5,812	6,751
Anesthesiology	96	112	110	143	143	139	161	150
Cardiology	89	132	132	118	118	171	185	311
Endocrinology	138	131	157	136	136	145	163	160
Gastroenterology	108	98	119	73	73	90	116	150
Hematology	175	165	177	150	150	192	241	173
Neurology[a]	425	521	509	490	387	393	514	467
Obstetrics/gynecology	92	91	113	97	97	114	142	163
Oncology/cancer research	539	605	558	657	670	590	691	851
Ophthalmology	126	114	124	116	112	162	175	186
Otorhinolaryngology	60	61	77	65	65	70	69	75
Pediatrics	403	414	399	429	429	427	441	505
Preventive medicine/community health	168	169	180	216	219	239	264	414
Psychiatry	331	341	346	333	307	329	386	441
Pulmonary disease	72	74	85	104	104	113	110	148
Radiology	138	152	181	208	208	220	299	313
Surgery	416	437	465	448	435	473	554	612
Clinical medicine, nec	1,090	1,140	1,063	1,090	1,093	1,174	1,301	1,632
Other health	1,445	1,544	1,569	1,657	1,754	1,779	2,033	2,348
Dental sciences	131	142	149	153	187	179	189	261
Nursing	56	45	45	52	52	66	50	47
Pharmaceutical sciences	712	722	713	731	773	779	931	1,062

TABLE 35. Postdoctoral appointees in science, engineering, and health in public institutions, by detailed field: 2004–10

Field	2004	2005	2006	2007old[a]	2007new[a]	2008	2009	2010[b]
Speech pathology/audiology	30	32	45	53	53	44	41	39
Veterinary sciences	305	370	368	319	379	414	427	399
Other health, nec	211	233	249	349	310	297	395	540

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] 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.

[b] 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.

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