

TABLE 49. Postdoctoral appointees in science, engineering, and health in all institutions, by type of doctoral degree, primary mechanism of support, and field: 2011

Type of doctoral degree and primary mechanism of support	All science, engineering, and health	Science and engineering			Health		
		Total	Science	Engineering	Total	Clinical medicine ^b	Other health
All degree types ^a	62,947	44,249	37,485	6,764	18,698	16,279	2,419
Fellowships	5,881	3,854	3,449	405	2,027	1,827	200
Research grants	35,399	26,743	22,281	4,462	8,656	7,299	1,357
Traineeships	4,436	2,207	2,151	56	2,229	1,887	342
Other support	9,346	6,057	5,375	682	3,289	2,954	335
Not reported	7,885	5,388	4,229	1,159	2,497	2,312	185
Doctoral degree ^a	42,297	31,545	27,104	4,441	10,752	9,196	1,556
Fellowships	3,857	2,890	2,650	240	967	861	106
Research grants	27,511	21,399	17,934	3,465	6,112	5,115	997
Traineeships	2,981	1,710	1,675	35	1,271	1,018	253
Other support	6,442	4,726	4,176	550	1,716	1,521	195
Not reported	1,506	820	669	151	686	681	5
Professional degree ^a	4,796	1,017	979	38	3,779	3,484	295
Fellowships	851	87	85	2	764	720	44
Research grants	1,637	533	505	28	1,104	993	111
Traineeships	808	179	173	6	629	574	55
Other support	1,145	178	176	2	967	891	76
Not reported	355	40	40	0	315	306	9
Dual degree ^a	1,287	390	367	23	897	850	47
Fellowships	178	44	44	0	134	132	2
Research grants	601	242	221	21	359	330	29
Traineeships	143	19	19	0	124	118	6
Other support	264	71	69	2	193	185	8
Not reported	101	14	14	0	87	85	2
Doctoral degree type unknown/ not reported ^a	14,567	11,297	9,035	2,262	3,270	2,749	521
Fellowships	995	833	670	163	162	114	48
Research grants	5,650	4,569	3,621	948	1,081	861	220
Traineeships	504	299	284	15	205	177	28
Other support	1,495	1,082	954	128	413	357	56
Not reported	5,923	4,514	3,506	1,008	1,409	1,240	169

^a Doctoral degree = PhD, ScD, DEng, etc.; professional degree = MD, DVM, DO, DDS, etc.; dual degree = both professional and doctoral degrees (MD-PhD, DVM-PhD, etc.).

^b Includes postdoctoral appointees in anesthesiology, cardiology, endocrinology, gastroenterology, hematology, neurology, obstetrics/gynecology, oncology/cancer research, ophthalmology, otorhinolaryngology, pediatrics, preventive medicine/community health, psychiatry, pulmonary disease, radiology, surgery, and clinical medicine, not elsewhere classified.

NOTES: In 2010, the postdoc section of the survey was expanded, and significant effort was made to ensure that appropriate personnel were providing postdoc data (see appendix A for more information). Thus, for increases in 2010 or 2011 over 2009 and prior-year data, it is unclear how much is from growth in postdoctoral appointment and how much is from improved data collection. More information on changes in postdoc data will be available in forthcoming InfoBrief at <http://www.nsf.gov/statistics/gradpostdoc/>. Doctoral degree type and details on primary mechanism of support for postdocs were collected for first time in 2010, and any missing data in these items were not imputed in 2010 and 2011 because of lack of historical data. For graduate students, "field" refers to the field of the reporting unit in which the student is enrolled. For postdocs, "field" refers to the field of the unit that reports postdocs to the GSS.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering, 2011.