

TABLE 50. Postdoctoral appointees in science, engineering, and health, by citizenship, ethnicity, and race, origin of doctoral degree, and field: 2011

Characteristic	All science, engineering, and health	Science and engineering			Health		
		Total	Science	Engineering	Total	Clinical medicine ^a	Other health
Total	62,947	44,249	37,485	6,764	18,698	16,279	2,419
U.S. citizens and permanent residents ^b	30,239	20,684	17,955	2,729	9,555	8,341	1,214
Hispanic or Latino	1,294	866	769	97	428	368	60
Not Hispanic or Latino							
American Indian or Alaska Native	88	65	61	4	23	19	4
Asian	5,366	3,384	2,803	581	1,982	1,730	252
Black or African American	979	585	510	75	394	347	47
Native Hawaiian or Other Pacific Islander	84	52	45	7	32	26	6
White	16,482	11,399	10,267	1,132	5,083	4,396	687
More than one race	209	159	135	24	50	39	11
Unknown ethnicity/race	5,737	4,174	3,365	809	1,563	1,416	147
Temporary visa holders	32,708	23,565	19,530	4,035	9,143	7,938	1,205
Origin of doctoral degree ^c							
United States ^d	22,164	15,700	13,383	2,317	6,464	5,617	847
Foreign country	17,302	11,969	10,478	1,491	5,333	4,736	597
Unknown degree origin	23,481	16,580	13,624	2,956	6,901	5,926	975

^a 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.

^b Ethnicity and race data available only for U.S. citizens and permanent residents.

^c 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.).

^d United States includes Puerto Rico and U.S. territories.

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/>. Origin of doctoral degree and ethnicity and race 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.