

TABLE 50. Postdoctoral appointees in science, engineering, and health, by citizenship, ethnicity, and race of U.S. citizens and permanent residents, origin of doctoral degree, and field: 2010

Characteristic	All science, engineering, and health	Science and engineering			Health		
		Total	Science	Engineering	Total	Clinical	Other health
Total	63,415	44,051	37,095	6,956	19,364	16,610	2,754
U.S. citizens and permanent residents	29,769	20,419	17,761	2,658	9,350	7,958	1,392
Hispanic or Latino	1,160	763	700	63	397	317	80
Not Hispanic or Latino							
American Indian or Alaska Native	93	59	55	4	34	25	9
Asian ^b	5,174	3,371	2,784	587	1,803	1,540	263
Black or African American	898	529	465	64	369	319	50
Native Hawaiian or Other Pacific Islander ^b	92	51	44	7	41	38	3
White	15,689	11,084	9,906	1,178	4,605	3,841	764
More than one race ^b	140	79	68	11	61	58	3
Unknown ethnicity/race	6,523	4,483	3,739	744	2,040	1,820	220
Temporary visa holders	33,646	23,632	19,334	4,298	10,014	8,652	1,362
Origin of doctoral degree ^c							
United States ^d	19,974	14,099	11,897	2,202	5,875	5,139	736
Foreign country	16,588	11,293	9,856	1,437	5,295	4,690	605
Unknown degree origin	26,853	18,659	15,342	3,317	8,194	6,781	1,413

^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 Reporting of ethnicity and race in 2008–10 has been affected by changes in reporting of ethnicity and race in Integrated Postsecondary Education Data System (IPEDS). Starting in 2008 IPEDS respondents were asked to use new classification that included category for two or more races (see <http://nces.ed.gov/ipeds/reic/resource.asp>) and separate reporting of Native Hawaiians and Other Pacific Islanders from Asians. New classification was optional in 2008 and 2009 IPEDS but mandatory in 2010 and may have contributed to significant increase in reporting of "Not Hispanic or Latino, More than one race."

^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, 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, 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 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.