





TABLE 34. Postdoctoral appointees in science, engineering, and health in all institutions, by field, citizenship, ethnicity, and race: 2005–11

Field, citizenship, ethnicity, and race	2005	2006	2007old <sup>a</sup>	2007new <sup>a</sup>	2008	2009	2010 <sup>b</sup>	2011
Not Hispanic or Latino								
American Indian or Alaska Native	na	na	na	na	na	na	1	0
Asian	na	na	na	na	na	na	30	36
Black or African American	na	na	na	na	na	na	3	9
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	0	0
White	na	na	na	na	na	na	261	247
More than one race	na	na	na	na	na	na	3	4
Unknown ethnicity/race	na	na	na	na	na	na	84	85
Temporary visa holders	237	296	318	321	367	354	365	409
Multidisciplinary/interdisciplinary studies <sup>a</sup>	ne	ne	ne	244	348	459	765	697
U.S. citizens and permanent residents <sup>c</sup>	ne	ne	ne	156	193	237	450	386
Hispanic or Latino	na	na	na	na	na	na	17	15
Not Hispanic or Latino								
American Indian or Alaska Native	na	na	na	na	na	na	0	4
Asian	na	na	na	na	na	na	45	43
Black or African American	na	na	na	na	na	na	6	19
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	0	0
White	na	na	na	na	na	na	279	262
More than one race	na	na	na	na	na	na	2	0
Unknown ethnicity/race	na	na	na	na	na	na	101	43
Temporary visa holders	ne	ne	ne	88	155	222	315	311
Neuroscience <sup>a</sup>	na	na	na	285	343	645	818	1,362
U.S. citizens and permanent residents <sup>c</sup>	na	na	na	123	140	339	390	674
Hispanic or Latino	na	na	na	na	na	na	12	31
Not Hispanic or Latino								
American Indian or Alaska Native	na	na	na	na	na	na	3	1
Asian	na	na	na	na	na	na	61	71
Black or African American	na	na	na	na	na	na	12	9
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	1	3
White	na	na	na	na	na	na	218	389
More than one race	na	na	na	na	na	na	3	3
Unknown ethnicity/race	na	na	na	na	na	na	80	167
Temporary visa holders	na	na	na	162	203	306	428	688
Physical sciences	7,011	6,703	6,760	6,719	6,885	7,447	7,703	7,511
U.S. citizens and permanent residents <sup>c</sup>	2,484	2,337	2,478	2,470	2,512	2,834	3,198	3,123
Hispanic or Latino	na	na	na	na	na	na	92	97
Not Hispanic or Latino								
American Indian or Alaska Native	na	na	na	na	na	na	11	7
Asian	na	na	na	na	na	na	468	478
Black or African American	na	na	na	na	na	na	53	78
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	12	6
White	na	na	na	na	na	na	1,723	1,745
More than one race	na	na	na	na	na	na	7	36
Unknown ethnicity/race	na	na	na	na	na	na	832	676
Temporary visa holders	4,527	4,366	4,282	4,249	4,373	4,613	4,505	4,388
Psychology <sup>b</sup>	884	873	1,106	1,088	1,077	1,219	1,077	1,079
U.S. citizens and permanent residents <sup>c</sup>	585	603	740	733	753	892	765	752
Hispanic or Latino	na	na	na	na	na	na	37	34
Not Hispanic or Latino								
American Indian or Alaska Native	na	na	na	na	na	na	1	1
Asian	na	na	na	na	na	na	46	47
Black or African American	na	na	na	na	na	na	24	19
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	2	1
White	na	na	na	na	na	na	501	529
More than one race	na	na	na	na	na	na	4	1
Unknown ethnicity/race	na	na	na	na	na	na	150	120







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Temporary visa holders	5	6	2	3	4	3	5	2
Nuclear engineering	41	85	77	73	85	90	107	109
U.S. citizens and permanent residents <sup>c</sup>	13	27	26	25	31	35	55	48
Hispanic or Latino	na	na	na	na	na	na	0	1
Not Hispanic or Latino								
American Indian or Alaska Native	na	na	na	na	na	na	0	0
Asian	na	na	na	na	na	na	6	8
Black or African American	na	na	na	na	na	na	1	3
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	0	1
White	na	na	na	na	na	na	30	21
More than one race	na	na	na	na	na	na	1	0
Unknown ethnicity/race	na	na	na	na	na	na	17	14
Temporary visa holders	28	58	51	48	54	55	52	61
Petroleum engineering	13	18	22	22	28	36	46	35
U.S. citizens and permanent residents <sup>c</sup>	3	3	7	7	5	12	12	10
Hispanic or Latino	na	na	na	na	na	na	1	3
Not Hispanic or Latino								
American Indian or Alaska Native	na	na	na	na	na	na	0	0
Asian	na	na	na	na	na	na	4	3
Black or African American	na	na	na	na	na	na	0	0
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	0	0
White	na	na	na	na	na	na	4	2
More than one race	na	na	na	na	na	na	0	1
Unknown ethnicity/race	na	na	na	na	na	na	3	1
Temporary visa holders	10	15	15	15	23	24	34	25
Engineering, nec	251	252	241	249	284	341	432	338
U.S. citizens and permanent residents <sup>c</sup>	77	86	90	94	96	133	139	144
Hispanic or Latino	na	na	na	na	na	na	4	3
Not Hispanic or Latino								
American Indian or Alaska Native	na	na	na	na	na	na	0	0
Asian	na	na	na	na	na	na	25	43
Black or African American	na	na	na	na	na	na	4	3
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	0	0
White	na	na	na	na	na	na	68	51
More than one race	na	na	na	na	na	na	0	0
Unknown ethnicity/race	na	na	na	na	na	na	38	44
Temporary visa holders	174	166	151	155	188	208	293	194
Health <sup>a</sup>	14,099	14,456	14,818	14,617	15,961	17,001	19,364	18,698
U.S. citizens and permanent residents <sup>b</sup>	7,429	7,036	7,119	6,996	8,641	8,930	9,350	9,555
Hispanic or Latino	na	na	na	na	na	na	397	428
Not Hispanic or Latino								
American Indian or Alaska Native	na	na	na	na	na	na	34	23
Asian	na	na	na	na	na	na	1,803	1,982
Black or African American	na	na	na	na	na	na	369	394
Native Hawaiian or Other Pacific Islander	na	na	na	na	na	na	41	32
White	na	na	na	na	na	na	4,605	5,083

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More than one race	na	na	na	na	na	na	61	50
Unknown ethnicity/race	na	na	na	na	na	na	2,040	1,563
Temporary visa holders	6,670	7,420	7,699	7,621	7,320	8,071	10,014	9,143

na = not applicable; data were not collected at this level of detail. ne = not eligible; data were not collected for this field in prior years.

nec = not elsewhere classified.

<sup>a</sup> 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" reflects data as they would have been collected under 2006 methodology. Science fields "communication" and "family and consumer science/human science" are newly eligible; data for these two fields are only in 2007new. Science field "multidisciplinary/interdisciplinary studies" is also newly eligible; data may have been reported under other fields before 2007. "Neuroscience" is reported as a separate field of science in 2007new; data were reported under health field "neurology" in 2007old and previous years. "Architecture" is reported as a 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.

<sup>b</sup> 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/>.

<sup>c</sup> Ethnicity and race data available only for U.S. citizens and permanent residents. Ethnicity and race of postdocs were collected for first time in 2010, and any missing data in this item were not imputed in 2010 and 2011 because of lack of historical data.

NOTES: 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.