

TABLE 43. Female postdoctoral appointees in science, engineering, and health in all institutions, by detailed field, citizenship, ethnicity, and race of U.S. citizens and permanent residents: 2010

Field	U.S. citizens and permanent residents									
	Total	Not Hispanic or Latino						More than one race ^a	Unknown ethnicity/race	Temporary visa holders
		Hispanic or Latino	American Indian or Alaska Native	Asian ^a	Black or African American	Native Hawaiian or Other Pacific Islander ^a	White			
All surveyed fields	24,166	595	46	2,203	523	52	6,822	67	2,587	11,271
Science and engineering	15,299	372	29	1,372	273	27	4,443	39	1,391	7,353
Science	13,872	353	28	1,236	247	24	4,152	32	1,253	6,547
Agricultural sciences	447	10	2	43	9	0	167	0	33	183
Biological sciences	9,352	237	16	910	164	21	2,576	20	850	4,558
Anatomy	197	3	0	23	3	0	58	1	26	83
Biochemistry	997	23	2	110	14	4	263	1	91	489
Biology	1,068	31	1	89	13	0	355	4	86	489
Biometry/epidemiology	234	3	0	26	18	0	87	1	12	87
Biophysics	73	0	0	5	1	0	22	0	6	39
Botany	210	16	0	22	0	0	51	0	14	107
Cell biology	1,137	23	2	89	13	3	266	5	100	636
Ecology	106	9	1	3	1	0	37	0	24	31
Entomology/parasitology	94	1	0	9	0	0	37	0	5	42
Genetics	611	6	0	66	8	5	166	0	85	275
Microbiology/immunology/virology	1,090	28	4	85	21	2	307	3	112	528
Nutrition	123	3	0	14	8	0	45	1	3	49
Pathology	851	12	0	82	14	2	183	3	98	457
Pharmacology	757	21	3	68	13	3	180	0	83	386
Physiology	640	17	2	67	17	0	188	1	44	304
Zoology	28	0	0	2	0	0	20	0	3	3
Biological sciences, nec	1,136	41	1	150	20	2	311	0	58	553
Communication ^b	22	1	0	0	1	0	10	0	2	8
Computer sciences	126	2	0	12	2	0	28	0	21	61
Earth, atmospheric, and ocean sciences	602	16	3	29	6	0	233	1	63	251
Atmospheric sciences	51	1	0	3	0	0	16	0	2	29
Geosciences	185	2	0	9	2	0	61	0	15	96
Oceanography	160	7	3	6	2	0	77	1	8	56
Earth/atmospheric/ocean sciences, nec	206	6	0	11	2	0	79	0	38	70
Family and consumer sciences/human sciences ^b	23	0	0	3	1	0	12	0	0	7
Mathematical sciences	169	1	0	12	0	0	63	0	14	79
Mathematics/applied mathematics	155	1	0	11	0	0	60	0	12	71
Statistics	14	0	0	1	0	0	3	0	2	8
Multidisciplinary/interdisciplinary studies ^b	259	7	0	14	3	0	117	1	22	95

TABLE 43. Female postdoctoral appointees in science, engineering, and health in all institutions, by detailed field, citizenship, ethnicity, and race of U.S. citizens and permanent residents: 2010

Field	U.S. citizens and permanent residents										
	Total	Not Hispanic or Latino							More than one race ^a	Unknown ethnicity/race	Temporary visa holders
		Hispanic or Latino	American Indian or Alaska Native	Asian ^a	Black or African American	Native Hawaiian or Other Pacific Islander ^a	White				
Neuroscience ^b	374	6	2	31	7	0	104	1	42	181	
Physical sciences	1,611	34	4	126	21	3	395	4	104	920	
Astronomy	133	2	0	6	0	3	46	0	12	64	
Chemistry	986	24	3	86	19	0	230	1	63	560	
Physics	444	7	1	31	2	0	106	3	26	268	
Physical sciences, nec	48	1	0	3	0	0	13	0	3	28	
Psychology	585	24	1	31	17	0	297	4	77	134	
Clinical psychology	95	12	0	5	6	0	49	0	18	5	
Psychology, general	322	11	0	15	8	0	150	2	43	93	
Psychology, nec	168	1	1	11	3	0	98	2	16	36	
Social sciences	302	15	0	25	16	0	150	1	25	70	
Agricultural economics	11	0	0	2	0	0	3	0	0	6	
Anthropology (cultural/social)	44	2	0	1	0	0	27	1	5	8	
Economics (except agricultural)	12	0	0	1	0	0	2	0	2	7	
Geography	23	0	0	2	0	0	14	0	3	4	
History and philosophy of science	7	0	0	0	0	0	3	0	0	4	
Linguistics	10	1	0	1	1	0	4	0	0	3	
Political science	41	2	0	4	4	0	20	0	6	5	
Sociology	48	2	0	2	3	0	30	0	2	9	
Sociology/anthropology	0	0	0	0	0	0	0	0	0	0	
Social sciences, nec	106	8	0	12	8	0	47	0	7	24	
Engineering	1,427	19	1	136	26	3	291	7	138	806	
Aerospace engineering	25	1	0	2	0	0	3	0	5	14	
Agricultural engineering	38	1	0	6	2	0	7	0	0	22	
Architecture ^b	5	0	0	0	1	0	0	0	1	3	
Biomedical engineering	298	5	0	34	14	1	63	1	39	141	
Chemical engineering	234	4	0	25	2	0	51	0	14	138	
Civil engineering ^b	144	1	1	8	0	0	39	2	18	75	
Electrical engineering	158	2	0	12	3	1	18	1	12	109	
Engineering science	45	1	0	6	0	0	12	0	1	25	
Industrial engineering	37	0	0	0	1	0	12	0	3	21	
Mechanical engineering	151	2	0	14	1	0	29	0	21	84	
Metallurgical/materials engineering	166	1	0	18	1	1	35	3	10	97	
Mining engineering	0	0	0	0	0	0	0	0	0	0	
Nuclear engineering	13	0	0	0	0	0	4	0	0	9	
Petroleum engineering	14	0	0	1	0	0	1	0	1	11	
Engineering, nec	99	1	0	10	1	0	17	0	13	57	

TABLE 43. Female postdoctoral appointees in science, engineering, and health in all institutions, by detailed field, citizenship, ethnicity, and race of U.S. citizens and permanent residents: 2010

Field	U.S. citizens and permanent residents										
	Total	Not Hispanic or Latino								Unknown ethnicity/race	Temporary visa holders
		Hispanic or Latino	American Indian or Alaska Native	Asian ^a	Black or African American	Native Hawaiian or Other Pacific Islander ^a	White	More than one race ^a			
Health	8,867	223	17	831	250	25	2,379	28	1,196	3,918	
Clinical medicine	7,619	165	11	714	217	23	1,979	26	1,078	3,406	
Anesthesiology	194	4	1	13	0	0	36	0	42	98	
Cardiology	271	5	0	19	6	1	65	2	21	152	
Endocrinology	228	7	0	13	10	0	55	0	25	118	
Gastroenterology	115	1	0	8	7	0	29	0	10	60	
Hematology	144	4	0	12	3	0	26	1	26	72	
Neurology ^b	636	10	1	59	8	0	146	1	70	341	
Obstetrics/gynecology	181	2	0	18	3	0	61	1	19	77	
Oncology/cancer research	864	13	1	101	20	1	191	1	69	467	
Ophthalmology	228	7	0	18	1	0	26	2	18	156	
Otorhinolaryngology	56	0	0	5	1	0	20	0	3	27	
Pediatrics	671	16	3	87	28	1	221	4	73	238	
Preventive medicine/community health	345	16	3	28	24	2	113	2	70	87	
Psychiatry	673	26	1	31	28	1	229	3	198	156	
Pulmonary disease	121	2	0	9	3	0	41	0	25	41	
Radiology	352	3	0	43	4	0	88	1	22	191	
Surgery	432	7	0	39	11	0	105	2	33	235	
Clinical medicine, nec	2,108	42	1	211	60	17	527	6	354	890	
Other health	1,248	58	6	117	33	2	400	2	118	512	
Dental sciences	174	5	0	24	1	1	34	0	25	84	
Nursing	49	3	0	4	8	0	29	1	1	3	
Pharmaceutical sciences	408	11	3	48	5	0	128	1	20	192	

TABLE 43. Female postdoctoral appointees in science, engineering, and health in all institutions, by detailed field, citizenship, ethnicity, and race of U.S. citizens and permanent residents: 2010

Field	U.S. citizens and permanent residents										
	Total	Not Hispanic or Latino							More than one race ^a	Unknown ethnicity/race	Temporary visa holders
		Hispanic or Latino	American Indian or Alaska Native	Asian ^a	Black or African American	Native Hawaiian or Other Pacific Islander ^a	White				
Speech pathology/audiology	31	2	0	3	2	0	10	0	8	6	
Veterinary sciences	236	15	1	20	3	1	108	0	13	75	
Other health, nec	350	22	2	18	14	0	91	0	51	152	

nec = not elsewhere classified.

^a 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."

^b 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. Science fields "communication" and "family and consumer sciences/human sciences" 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 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.

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>. Ethnicity and race of postdocs were collected for first time in 2010, and any missing data in this item were not imputed in 2010 due to 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.