

TABLE 4-16b

## Engineering postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2019

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	201	28.2	169	23.7
Schools	215	26.6	177	21.9
Units	1,051	5.2	822	4.1
All individuals	8,266	100.0	3,909	100.0
Male	6,282	76.0	2,990	76.5
Female	1,984	24.0	919	23.5
U.S. citizens and permanent residents <sup>a</sup>	2,689	32.5	na	na
Hispanic or Latino	125	1.5	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	10	0.1	na	na
Asian	718	8.7	na	na
Black or African American	70	0.8	na	na
Native Hawaiian or Other Pacific Islander	1	*	na	na
White	1,415	17.1	na	na
More than one race	36	0.4	na	na
Unknown ethnicity and race	314	3.8	na	na
Temporary visa holders	5,577	67.5	na	na
Primary source of support				
Federal	3,911	47.3	na	na
Nonfederal <sup>b</sup>	3,710	44.9	na	na
Personal resources	78	0.9	na	na
Unknown or not stated	567	6.9	na	na
Primary mechanism of support				
Fellowships	791	9.6	na	na
Research grants	5,939	71.8	na	na
Traineeships	95	1.1	na	na
Other types of support	1,441	17.4	na	na
Degree type <sup>c</sup>				
Doctoral degree	6,662	80.6	3,205	82.0
Professional degree	71	0.9	115	2.9
Dual degree	54	0.7	34	0.9
Doctoral degree type unknown	1,479	17.9	555	14.2
Degree origin				
United States	3,164	38.3	na	na
Foreign country	2,141	25.9	na	na
Unknown	2,961	35.8	na	na

\* = value < 0.05%. na = not applicable; citizenship, race and ethnicity, source of support, mechanism of support, and degree origin data are not collected for doctorate-holding nonfaculty researchers.

<sup>a</sup> Ethnicity and race data are available only for U.S. citizens and permanent residents.

<sup>b</sup> Nonfederal includes foreign support.

<sup>c</sup> Doctoral degree includes PhD, ScD, DEng, etc.; professional degree includes MD, DVM, DO, DDS, etc.; dual degree includes both professional and doctoral degrees (MD-PhD, DVM-PhD, etc.).

**Note(s):**

"Field" refers to the field of the unit that reports postdoctorates and doctorate-holding nonfaculty researchers to the Survey of Graduate Students and Postdoctorates in Science and Engineering. Percentages may not add to total because of rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2019.