

TABLE 4-19b

Civil, environmental, transportation and related engineering fields postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2020

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	121	17.0	88	12.4
Schools	122	15.1	89	11.0
Units	175	0.8	127	0.6
All individuals	1,006	100.0	488	100.0
Male	723	71.9	370	75.8
Female	283	28.1	118	24.2
U.S. citizens and permanent residents ^a	339	33.7	na	na
Hispanic or Latino	19	1.9	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	1	0.1	na	na
Asian	76	7.6	na	na
Black or African American	5	0.5	na	na
Native Hawaiian or Other Pacific Islander	2	0.2	na	na
White	189	18.8	na	na
More than one race	9	0.9	na	na
Unknown ethnicity and race	38	3.8	na	na
Temporary visa holders	667	66.3	na	na
Primary source of support				
Federal	377	37.5	na	na
Nonfederal ^b	545	54.2	na	na
Personal resources	2	0.2	na	na
Unknown or not stated	82	8.2	na	na
Primary mechanism of support				
Fellowships	75	7.5	na	na
Research grants	767	76.2	na	na
Traineeships	11	1.1	na	na
Other types of support	153	15.2	na	na
Degree type ^c				
Doctoral degree	825	82.0	419	85.9
Professional degree	5	0.5	23	4.7
Dual degree	6	0.6	2	0.4
Doctoral degree type unknown	170	16.9	44	9.0
Degree origin				
United States	496	49.3	na	na
Foreign country	204	20.3	na	na
Unknown	306	30.4	na	na

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.

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

^b Nonfederal includes foreign support.

^c 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 (GSS). Percentages may not add to total because of rounding. For more information on the mapping of GSS fields and codes, see technical table A-17.

Source(s):

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2020.