

TABLE 4-19b

Civil, environmental, transportation and related engineering fields postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2022

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	125	18.1	90	13.0
Schools	127	16.4	91	11.7
Units	190	0.8	134	0.6
All individuals	1,018	100.0	569	100.0
Male	702	69.0	433	76.1
Female	316	31.0	136	23.9
U.S. citizens and permanent residents ^a	342	33.6	na	na
Hispanic or Latino	24	2.4	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	1	0.1	na	na
Asian	81	8.0	na	na
Black or African American	8	0.8	na	na
Native Hawaiian or Other Pacific Islander	1	0.1	na	na
White	169	16.6	na	na
More than one race	8	0.8	na	na
Unknown ethnicity and race	50	4.9	na	na
Temporary visa holders	676	66.4	na	na
Primary source of support				
Federal	414	40.7	na	na
Nonfederal ^b	541	53.1	na	na
Personal resources	7	0.7	na	na
Unknown or not stated	56	5.5	na	na
Primary mechanism of support				
Fellowships	83	8.2	na	na
Research grants	766	75.2	na	na
Traineeships	8	0.8	na	na
Other types of support	161	15.8	na	na
Degree type ^c				
Doctoral degree	815	80.1	446	78.4
Professional degree	19	1.9	27	4.7
Dual degree	3	0.3	1	0.2
Doctoral degree type unknown	181	17.8	95	16.7
Degree origin				
United States	492	48.3	na	na
Foreign country	220	21.6	na	na
Unknown	306	30.1	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):

For postdoctoral appointees and doctorate-holding nonfaculty researchers, "field" refers to the field of the unit that reports information on these groups 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, 2022.