

TABLE 4-19b

Civil, environmental, transportation and related engineering fields postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2023

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	126	18.3	93	13.5
Schools	128	16.6	94	12.2
Units	194	0.9	152	0.7
All individuals	1,070	100.0	654	100.0
Male	717	67.0	486	74.3
Female	353	33.0	168	25.7
U.S. citizens and permanent residents ^a	321	30.0	na	na
Hispanic or Latino	20	1.9	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	2	0.2	na	na
Asian	76	7.1	na	na
Black or African American	9	0.8	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	153	14.3	na	na
More than one race	10	0.9	na	na
Unknown ethnicity and race	51	4.8	na	na
Temporary visa holders	749	70.0	na	na
Primary source of support				
Federal	447	41.8	na	na
Nonfederal ^b	565	52.8	na	na
Personal resources	10	0.9	na	na
Unknown or not stated	48	4.5	na	na
Primary mechanism of support				
Fellowships	77	7.2	na	na
Research grants	809	75.6	na	na
Traineeships	13	1.2	na	na
Other types of support	171	16.0	na	na
Degree type ^c				
Doctoral degree	842	78.7	507	77.5
Professional degree	12	1.1	39	6.0
Dual degree	1	0.1	2	0.3
Doctoral degree type unknown	215	20.1	106	16.2
Degree origin				
United States	471	44.0	na	na
Foreign country	263	24.6	na	na

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Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Unknown	336	31.4	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):

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, 2023.