

TABLE 4-16b

Aerospace, aeronautical, and astronautical engineering 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	32	4.6	32	4.6
Schools	32	4.1	32	4.1
Units	39	0.2	36	0.2
All individuals	244	100.0	153	100.0
Male	204	83.6	123	80.4
Female	40	16.4	30	19.6
U.S. citizens and permanent residents ^a	77	31.6	na	na
Hispanic or Latino	3	1.2	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	0	0.0	na	na
Asian	22	9.0	na	na
Black or African American	1	0.4	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	44	18.0	na	na
More than one race	1	0.4	na	na
Unknown ethnicity and race	6	2.5	na	na
Temporary visa holders	167	68.4	na	na
Primary source of support				
Federal	124	50.8	na	na
Nonfederal ^b	89	36.5	na	na
Personal resources	2	0.8	na	na
Unknown or not stated	29	11.9	na	na
Primary mechanism of support				
Fellowships	29	11.9	na	na
Research grants	151	61.9	na	na
Traineeships	2	0.8	na	na
Other types of support	62	25.4	na	na
Degree type ^c				
Doctoral degree	209	85.7	141	92.2
Professional degree	5	2.0	4	2.6
Dual degree	0	0.0	0	0.0
Doctoral degree type unknown	30	12.3	8	5.2
Degree origin				
United States	117	48.0	na	na
Foreign country	45	18.4	na	na
Unknown	82	33.6	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.