

TABLE 4-16b

Aerospace, aeronautical, and astronautical engineering 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	41	6.0	31	4.5
Schools	41	5.3	31	4.0
Units	45	0.2	35	0.2
All individuals	254	100.0	166	100.0
Male	207	81.5	137	82.5
Female	47	18.5	29	17.5
U.S. citizens and permanent residents ^a	80	31.5	na	na
Hispanic or Latino	2	0.8	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	0	0.0	na	na
Asian	18	7.1	na	na
Black or African American	1	0.4	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	48	18.9	na	na
More than one race	2	0.8	na	na
Unknown ethnicity and race	9	3.5	na	na
Temporary visa holders	174	68.5	na	na
Primary source of support				
Federal	134	52.8	na	na
Nonfederal ^b	90	35.4	na	na
Personal resources	2	0.8	na	na
Unknown or not stated	28	11.0	na	na
Primary mechanism of support				
Fellowships	22	8.7	na	na
Research grants	173	68.1	na	na
Traineeships	1	0.4	na	na
Other types of support	58	22.8	na	na
Degree type ^c				
Doctoral degree	219	86.2	154	92.8
Professional degree	4	1.6	6	3.6
Dual degree	0	0.0	2	1.2
Doctoral degree type unknown	31	12.2	4	2.4
Degree origin				
United States	115	45.3	na	na
Foreign country	55	21.7	na	na

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Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Unknown	84	33.1	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, 2023.