

TABLE 4-16b

Aerospace, aeronautical, and astronautical engineering postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2021

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	34	4.9	24	3.4
Schools	34	4.3	24	3.0
Units	35	0.2	28	0.1
All individuals	277	100.0	144	100.0
Male	229	82.7	119	82.6
Female	48	17.3	25	17.4
U.S. citizens and permanent residents ^a	84	30.3	na	na
Hispanic or Latino	5	1.8	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	0	0.0	na	na
Asian	21	7.6	na	na
Black or African American	3	1.1	na	na
Native Hawaiian or Other Pacific Islander	1	0.4	na	na
White	46	16.6	na	na
More than one race	2	0.7	na	na
Unknown ethnicity and race	6	2.2	na	na
Temporary visa holders	193	69.7	na	na
Primary source of support				
Federal	122	44.0	na	na
Nonfederal ^b	117	42.2	na	na
Personal resources	3	1.1	na	na
Unknown or not stated	35	12.6	na	na
Primary mechanism of support				
Fellowships	26	9.4	na	na
Research grants	170	61.4	na	na
Traineeships	1	0.4	na	na
Other types of support	80	28.9	na	na
Degree type ^c				
Doctoral degree	235	84.8	131	91.0
Professional degree	3	1.1	6	4.2
Dual degree	0	0.0	0	0.0
Doctoral degree type unknown	39	14.1	7	4.9
Degree origin				
United States	115	41.5	na	na
Foreign country	67	24.2	na	na
Unknown	95	34.3	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, 2021.