

TABLE 4-16b

Aerospace, aeronautical, and astronautical engineering postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2020

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	31	4.4	25	3.5
Schools	31	3.8	25	3.1
Units	35	0.2	29	0.1
All individuals	233	100.0	149	100.0
Male	197	84.5	124	83.2
Female	36	15.5	25	16.8
U.S. citizens and permanent residents ^a	78	33.5	na	na
Hispanic or Latino	4	1.7	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	0	0.0	na	na
Asian	17	7.3	na	na
Black or African American	0	0.0	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	46	19.7	na	na
More than one race	1	0.4	na	na
Unknown ethnicity and race	10	4.3	na	na
Temporary visa holders	155	66.5	na	na
Primary source of support				
Federal	117	50.2	na	na
Nonfederal ^b	88	37.8	na	na
Personal resources	5	2.1	na	na
Unknown or not stated	23	9.9	na	na
Primary mechanism of support				
Fellowships	16	6.9	na	na
Research grants	152	65.2	na	na
Traineeships	1	0.4	na	na
Other types of support	64	27.5	na	na
Degree type ^c				
Doctoral degree	201	86.3	141	94.6
Professional degree	6	2.6	5	3.4
Dual degree	0	0.0	0	0.0
Doctoral degree type unknown	26	11.2	3	2.0
Degree origin				
United States	105	45.1	na	na
Foreign country	59	25.3	na	na
Unknown	69	29.6	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):

"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, 2020.