

TABLE 4-9b

**Geosciences, atmospheric sciences, and ocean sciences postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2019**

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	143	20.0	115	16.1
Schools	143	17.7	115	14.2
Units	266	1.3	226	1.1
All individuals	1,778	100.0	2,177	100.0
Male	1,099	61.8	1,502	69.0
Female	679	38.2	675	31.0
U.S. citizens and permanent residents <sup>a</sup>	871	49.0	na	na
Hispanic or Latino	56	3.1	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	1	0.1	na	na
Asian	90	5.1	na	na
Black or African American	15	0.8	na	na
Native Hawaiian or Other Pacific Islander	1	0.1	na	na
White	589	33.1	na	na
More than one race	29	1.6	na	na
Unknown ethnicity and race	90	5.1	na	na
Temporary visa holders	907	51.0	na	na
Primary source of support				
Federal	949	53.4	na	na
Nonfederal <sup>b</sup>	702	39.5	na	na
Personal resources	39	2.2	na	na
Unknown or not stated	88	4.9	na	na
Primary mechanism of support				
Fellowships	301	16.9	na	na
Research grants	1,171	65.9	na	na
Traineeships	15	0.8	na	na
Other types of support	291	16.4	na	na
Degree type <sup>c</sup>				
Doctoral degree	1,484	83.5	1,642	75.4
Professional degree	5	0.3	15	0.7
Dual degree	20	1.1	3	0.1
Doctoral degree type unknown	269	15.1	517	23.7
Degree origin				
United States	775	43.6	na	na
Foreign country	393	22.1	na	na
Unknown	610	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.

<sup>a</sup> Ethnicity and race data are available only for U.S. citizens and permanent residents.

<sup>b</sup> Nonfederal includes foreign support.

<sup>c</sup> 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. Percentages may not add to total because of rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2019.