

TABLE 4-9b

**Geosciences, atmospheric sciences, and ocean sciences 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	144	20.2	111	15.6
Schools	144	17.9	112	13.9
Units	258	1.2	219	1.0
All individuals	1,790	100.0	2,150	100.0
Male	1,076	60.1	1,483	69.0
Female	714	39.9	667	31.0
U.S. citizens and permanent residents <sup>a</sup>	919	51.3	na	na
Hispanic or Latino	53	3.0	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	1	0.1	na	na
Asian	95	5.3	na	na
Black or African American	21	1.2	na	na
Native Hawaiian or Other Pacific Islander	1	0.1	na	na
White	619	34.6	na	na
More than one race	32	1.8	na	na
Unknown ethnicity and race	97	5.4	na	na
Temporary visa holders	871	48.7	na	na
Primary source of support				
Federal	927	51.8	na	na
Nonfederal <sup>b</sup>	719	40.2	na	na
Personal resources	22	1.2	na	na
Unknown or not stated	122	6.8	na	na
Primary mechanism of support				
Fellowships	212	11.8	na	na
Research grants	1,221	68.2	na	na
Traineeships	20	1.1	na	na
Other types of support	337	18.8	na	na
Degree type <sup>c</sup>				
Doctoral degree	1,431	79.9	1,634	76.0
Professional degree	17	0.9	40	1.9
Dual degree	22	1.2	1	*
Doctoral degree type unknown	320	17.9	475	22.1
Degree origin				
United States	795	44.4	na	na
Foreign country	406	22.7	na	na
Unknown	589	32.9	na	na

\* = value < 0.05%; 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 (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.