

TABLE 4-9b

Geosciences, atmospheric sciences, and ocean sciences 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	139	19.9	118	16.9
Schools	140	17.8	118	15.0
Units	256	1.2	235	1.1
All individuals	1,797	100.0	2,308	100.0
Male	1,050	58.4	1,570	68.0
Female	747	41.6	738	32.0
U.S. citizens and permanent residents ^a	960	53.4	na	na
Hispanic or Latino	61	3.4	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	4	0.2	na	na
Asian	122	6.8	na	na
Black or African American	17	0.9	na	na
Native Hawaiian or Other Pacific Islander	1	0.1	na	na
White	604	33.6	na	na
More than one race	45	2.5	na	na
Unknown ethnicity and race	106	5.9	na	na
Temporary visa holders	837	46.6	na	na
Primary source of support				
Federal	906	50.4	na	na
Nonfederal ^b	676	37.6	na	na
Personal resources	64	3.6	na	na
Unknown or not stated	151	8.4	na	na
Primary mechanism of support				
Fellowships	211	11.7	na	na
Research grants	1,213	67.5	na	na
Traineeships	20	1.1	na	na
Other types of support	353	19.6	na	na
Degree type ^c				
Doctoral degree	1,496	83.2	1,756	76.1
Professional degree	12	0.7	46	2.0
Dual degree	6	0.3	2	0.1
Doctoral degree type unknown	283	15.7	504	21.8
Degree origin				
United States	855	47.6	na	na
Foreign country	368	20.5	na	na
Unknown	574	31.9	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.