

TABLE 4-9b

Geosciences, atmospheric sciences, and ocean sciences postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2022

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	137	19.9	120	17.4
Schools	138	17.8	120	15.5
Units	270	1.2	241	1.1
All individuals	1,787	100.0	2,448	100.0
Male	1,032	57.8	1,629	66.5
Female	755	42.2	819	33.5
U.S. citizens and permanent residents ^a	916	51.3	na	na
Hispanic or Latino	77	4.3	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	6	0.3	na	na
Asian	86	4.8	na	na
Black or African American	20	1.1	na	na
Native Hawaiian or Other Pacific Islander	2	0.1	na	na
White	592	33.1	na	na
More than one race	38	2.1	na	na
Unknown ethnicity and race	95	5.3	na	na
Temporary visa holders	871	48.7	na	na
Primary source of support				
Federal	903	50.5	na	na
Nonfederal ^b	689	38.6	na	na
Personal resources	76	4.3	na	na
Unknown or not stated	119	6.7	na	na
Primary mechanism of support				
Fellowships	189	10.6	na	na
Research grants	1,236	69.2	na	na
Traineeships	15	0.8	na	na
Other types of support	347	19.4	na	na
Degree type ^c				
Doctoral degree	1,495	83.7	1,784	72.9
Professional degree	22	1.2	79	3.2
Dual degree	12	0.7	2	0.1
Doctoral degree type unknown	258	14.4	583	23.8
Degree origin				
United States	856	47.9	na	na
Foreign country	378	21.2	na	na
Unknown	553	30.9	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):

For postdoctoral appointees and doctorate-holding nonfaculty researchers, "field" refers to the field of the unit that reports information on these groups 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, 2022.