

TABLE 4-9b

Geosciences, atmospheric, and ocean sciences postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2023

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	137	19.9	120	17.5
Schools	137	17.8	120	15.6
Units	262	1.1	256	1.1
All individuals	1,919	100.0	2,455	100.0
Male	1,120	58.4	1,604	65.3
Female	799	41.6	851	34.7
U.S. citizens and permanent residents ^a	931	48.5	na	na
Hispanic or Latino	79	4.1	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	3	0.2	na	na
Asian	105	5.5	na	na
Black or African American	30	1.6	na	na
Native Hawaiian or Other Pacific Islander	1	0.1	na	na
White	582	30.3	na	na
More than one race	31	1.6	na	na
Unknown ethnicity and race	100	5.2	na	na
Temporary visa holders	988	51.5	na	na
Primary source of support				
Federal	928	48.4	na	na
Nonfederal ^b	750	39.1	na	na
Personal resources	85	4.4	na	na
Unknown or not stated	156	8.1	na	na
Primary mechanism of support				
Fellowships	191	10.0	na	na
Research grants	1,313	68.4	na	na
Traineeships	36	1.9	na	na
Other types of support	379	19.7	na	na
Degree type ^c				
Doctoral degree	1,600	83.4	1,891	77.0
Professional degree	21	1.1	97	4.0
Dual degree	6	0.3	2	0.1
Doctoral degree type unknown	292	15.2	465	18.9
Degree origin				
United States	917	47.8	na	na
Foreign country	420	21.9	na	na

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	Number	Percent	Number	Percent
Unknown	582	30.3	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.

^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, 2023.