

TABLE 4-13b

Physical 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	228	33.2	180	26.2
Schools	231	30.0	182	23.6
Units	578	2.5	451	2.0
All individuals	7,220	100.0	3,095	100.0
Male	5,281	73.1	2,372	76.6
Female	1,939	26.9	723	23.4
U.S. citizens and permanent residents ^a	2,648	36.7	na	na
Hispanic or Latino	165	2.3	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	10	0.1	na	na
Asian	586	8.1	na	na
Black or African American	54	0.7	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	1,471	20.4	na	na
More than one race	62	0.9	na	na
Unknown ethnicity and race	300	4.2	na	na
Temporary visa holders	4,572	63.3	na	na
Primary source of support				
Federal	3,924	54.3	na	na
Nonfederal ^b	2,724	37.7	na	na
Personal resources	62	0.9	na	na
Unknown or not stated	510	7.1	na	na
Primary mechanism of support				
Fellowships	646	8.9	na	na
Research grants	5,243	72.6	na	na
Traineeships	181	2.5	na	na
Other types of support	1,150	15.9	na	na
Degree type ^c				
Doctoral degree	5,298	73.4	2,392	77.3
Professional degree	120	1.7	72	2.3
Dual degree	17	0.2	6	0.2
Doctoral degree type unknown	1,785	24.7	625	20.2
Degree origin				
United States	2,461	34.1	na	na
Foreign country	2,019	28.0	na	na

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Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Unknown	2,740	38.0	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.