

TABLE 4-7b

Biological and biomedical 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	267	38.9	205	29.8
Schools	317	41.2	238	30.9
Units	1,798	7.9	1,340	5.9
All individuals	19,520	100.0	8,589	100.0
Male	10,242	52.5	4,520	52.6
Female	9,278	47.5	4,069	47.4
U.S. citizens and permanent residents ^a	8,098	41.5	na	na
Hispanic or Latino	776	4.0	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	30	0.2	na	na
Asian	1,587	8.1	na	na
Black or African American	301	1.5	na	na
Native Hawaiian or Other Pacific Islander	13	0.1	na	na
White	4,448	22.8	na	na
More than one race	219	1.1	na	na
Unknown ethnicity and race	724	3.7	na	na
Temporary visa holders	11,422	58.5	na	na
Primary source of support				
Federal	10,520	53.9	na	na
Nonfederal ^b	6,856	35.1	na	na
Personal resources	119	0.6	na	na
Unknown or not stated	2,025	10.4	na	na
Primary mechanism of support				
Fellowships	1,602	8.2	na	na
Research grants	12,644	64.8	na	na
Traineeships	926	4.7	na	na
Other types of support	4,348	22.3	na	na
Degree type ^c				
Doctoral degree	15,120	77.5	6,221	72.4
Professional degree	712	3.6	588	6.8
Dual degree	317	1.6	152	1.8
Doctoral degree type unknown	3,371	17.3	1,628	19.0
Degree origin				
United States	6,864	35.2	na	na
Foreign country	7,613	39.0	na	na

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Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Unknown	5,043	25.8	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.