

TABLE 4-7b

Biological and biomedical 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	269	39.0	205	29.7
Schools	321	41.4	245	31.6
Units	1,800	8.0	1,329	5.9
All individuals	19,585	100.0	8,207	100.0
Male	10,478	53.5	4,370	53.2
Female	9,107	46.5	3,837	46.8
U.S. citizens and permanent residents ^a	8,266	42.2	na	na
Hispanic or Latino	756	3.9	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	36	0.2	na	na
Asian	1,567	8.0	na	na
Black or African American	271	1.4	na	na
Native Hawaiian or Other Pacific Islander	9	*	na	na
White	4,729	24.1	na	na
More than one race	178	0.9	na	na
Unknown ethnicity and race	720	3.7	na	na
Temporary visa holders	11,319	57.8	na	na
Primary source of support				
Federal	10,900	55.7	na	na
Nonfederal ^b	6,747	34.4	na	na
Personal resources	94	0.5	na	na
Unknown or not stated	1,844	9.4	na	na
Primary mechanism of support				
Fellowships	1,674	8.5	na	na
Research grants	12,673	64.7	na	na
Traineeships	969	4.9	na	na
Other types of support	4,269	21.8	na	na
Degree type ^c				
Doctoral degree	15,528	79.3	5,961	72.6
Professional degree	802	4.1	505	6.2
Dual degree	370	1.9	153	1.9
Doctoral degree type unknown	2,885	14.7	1,588	19.3
Degree origin				
United States	7,009	35.8	na	na
Foreign country	7,729	39.5	na	na
Unknown	4,847	24.7	na	na

* = value < 0.05%. 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.