

TABLE 4-7b

Biological and biomedical sciences postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2019

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	278	38.9	200	28.0
Schools	337	41.7	236	29.2
Units	1,745	8.6	1,195	5.9
All individuals	21,847	100.0	8,229	100.0
Male	12,119	55.5	4,328	52.6
Female	9,728	44.5	3,901	47.4
U.S. citizens and permanent residents ^a	9,557	43.7	na	na
Hispanic or Latino	671	3.1	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	22	0.1	na	na
Asian	1,903	8.7	na	na
Black or African American	307	1.4	na	na
Native Hawaiian or Other Pacific Islander	10	*	na	na
White	5,590	25.6	na	na
More than one race	160	0.7	na	na
Unknown ethnicity and race	894	4.1	na	na
Temporary visa holders	12,290	56.3	na	na
Primary source of support				
Federal	11,887	54.4	na	na
Nonfederal ^b	7,825	35.8	na	na
Personal resources	133	0.6	na	na
Unknown or not stated	2,002	9.2	na	na
Primary mechanism of support				
Fellowships	1,944	8.9	na	na
Research grants	14,427	66.0	na	na
Traineeships	1,080	4.9	na	na
Other types of support	4,396	20.1	na	na
Degree type ^c				
Doctoral degree	17,677	80.9	6,018	73.1
Professional degree	701	3.2	431	5.2
Dual degree	657	3.0	125	1.5
Doctoral degree type unknown	2,812	12.9	1,655	20.1
Degree origin				
United States	7,486	34.3	na	na
Foreign country	8,044	36.8	na	na
Unknown	6,317	28.9	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):

"Field" refers to the field of the unit that reports postdoctorates and doctorate-holding nonfaculty researchers to the Survey of Graduate Students and Postdoctorates in Science and Engineering. Percentages may not add to total because of rounding.

Source(s):

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2019.