

TABLE 4-23b

Metallurgical, mining, materials and related engineering fields 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	60	8.7	42	6.1
Schools	60	7.8	42	5.5
Units	84	0.4	58	0.3
All individuals	557	100.0	249	100.0
Male	428	76.8	201	80.7
Female	129	23.2	48	19.3
U.S. citizens and permanent residents ^a	150	26.9	na	na
Hispanic or Latino	7	1.3	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	3	0.5	na	na
Asian	40	7.2	na	na
Black or African American	4	0.7	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	72	12.9	na	na
More than one race	5	0.9	na	na
Unknown ethnicity and race	19	3.4	na	na
Temporary visa holders	407	73.1	na	na
Primary source of support				
Federal	277	49.7	na	na
Nonfederal ^b	244	43.8	na	na
Personal resources	10	1.8	na	na
Unknown or not stated	26	4.7	na	na
Primary mechanism of support				
Fellowships	24	4.3	na	na
Research grants	441	79.2	na	na
Traineeships	1	0.2	na	na
Other types of support	91	16.3	na	na
Degree type ^c				
Doctoral degree	378	67.9	207	83.1
Professional degree	4	0.7	8	3.2
Dual degree	6	1.1	2	0.8
Doctoral degree type unknown	169	30.3	32	12.9
Degree origin				
United States	186	33.4	na	na
Foreign country	142	25.5	na	na

TABLE 4-23b

Metallurgical, mining, materials and related engineering fields 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
Unknown	229	41.1	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.