

TABLE 4-23b

Metallurgical, mining, materials and related engineering fields 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	59	8.6	45	6.5
Schools	59	7.6	45	5.8
Units	82	0.4	62	0.3
All individuals	542	100.0	280	100.0
Male	422	77.9	223	79.6
Female	120	22.1	57	20.4
U.S. citizens and permanent residents ^a	152	28.0	na	na
Hispanic or Latino	8	1.5	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	1	0.2	na	na
Asian	44	8.1	na	na
Black or African American	2	0.4	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	83	15.3	na	na
More than one race	4	0.7	na	na
Unknown ethnicity and race	10	1.8	na	na
Temporary visa holders	390	72.0	na	na
Primary source of support				
Federal	283	52.2	na	na
Nonfederal ^b	228	42.1	na	na
Personal resources	9	1.7	na	na
Unknown or not stated	22	4.1	na	na
Primary mechanism of support				
Fellowships	32	5.9	na	na
Research grants	414	76.4	na	na
Traineeships	10	1.8	na	na
Other types of support	86	15.9	na	na
Degree type ^c				
Doctoral degree	363	67.0	240	85.7
Professional degree	9	1.7	8	2.9
Dual degree	7	1.3	3	1.1
Doctoral degree type unknown	163	30.1	29	10.4
Degree origin				
United States	165	30.4	na	na
Foreign country	148	27.3	na	na
Unknown	229	42.3	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, 2022.