

TABLE 4-23b

Metallurgical, mining, materials and related engineering fields postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2021

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	57	8.2	43	6.2
Schools	57	7.2	43	5.5
Units	78	0.4	59	0.3
All individuals	562	100.0	259	100.0
Male	433	77.0	198	76.4
Female	129	23.0	61	23.6
U.S. citizens and permanent residents ^a	159	28.3	na	na
Hispanic or Latino	6	1.1	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	2	0.4	na	na
Asian	51	9.1	na	na
Black or African American	3	0.5	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	85	15.1	na	na
More than one race	2	0.4	na	na
Unknown ethnicity and race	10	1.8	na	na
Temporary visa holders	403	71.7	na	na
Primary source of support				
Federal	298	53.0	na	na
Nonfederal ^b	224	39.9	na	na
Personal resources	8	1.4	na	na
Unknown or not stated	32	5.7	na	na
Primary mechanism of support				
Fellowships	35	6.2	na	na
Research grants	413	73.5	na	na
Traineeships	0	0.0	na	na
Other types of support	114	20.3	na	na
Degree type ^c				
Doctoral degree	395	70.3	213	82.2
Professional degree	8	1.4	5	1.9
Dual degree	2	0.4	4	1.5
Doctoral degree type unknown	157	27.9	37	14.3
Degree origin				
United States	177	31.5	na	na
Foreign country	129	23.0	na	na
Unknown	256	45.6	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):

"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 (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, 2021.