

TABLE 4-23b

**Metallurgical, mining, materials and related engineering fields postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2020**

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	63	8.8	45	6.3
Schools	63	7.8	45	5.6
Units	85	0.4	64	0.3
All individuals	630	100.0	299	100.0
Male	494	78.4	232	77.6
Female	136	21.6	67	22.4
U.S. citizens and permanent residents <sup>a</sup>	169	26.8	na	na
Hispanic or Latino	9	1.4	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	3	0.5	na	na
Asian	48	7.6	na	na
Black or African American	3	0.5	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	95	15.1	na	na
More than one race	3	0.5	na	na
Unknown ethnicity and race	8	1.3	na	na
Temporary visa holders	461	73.2	na	na
Primary source of support				
Federal	328	52.1	na	na
Nonfederal <sup>b</sup>	242	38.4	na	na
Personal resources	6	1.0	na	na
Unknown or not stated	54	8.6	na	na
Primary mechanism of support				
Fellowships	32	5.1	na	na
Research grants	490	77.8	na	na
Traineeships	0	0.0	na	na
Other types of support	108	17.1	na	na
Degree type <sup>c</sup>				
Doctoral degree	421	66.8	241	80.6
Professional degree	5	0.8	10	3.3
Dual degree	3	0.5	5	1.7
Doctoral degree type unknown	201	31.9	43	14.4
Degree origin				
United States	197	31.3	na	na
Foreign country	168	26.7	na	na
Unknown	265	42.1	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.

<sup>a</sup> Ethnicity and race data are available only for U.S. citizens and permanent residents.

<sup>b</sup> Nonfederal includes foreign support.

<sup>c</sup> 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, 2020.