

TABLE 4-22b

**Mechanical engineering 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	136	19.7	92	13.3
Schools	140	18.1	93	12.0
Units	163	0.7	110	0.5
All individuals	1,189	100.0	527	100.0
Male	958	80.6	439	83.3
Female	231	19.4	88	16.7
U.S. citizens and permanent residents <sup>a</sup>	365	30.7	na	na
Hispanic or Latino	25	2.1	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	3	0.3	na	na
Asian	98	8.2	na	na
Black or African American	8	0.7	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	187	15.7	na	na
More than one race	6	0.5	na	na
Unknown ethnicity and race	38	3.2	na	na
Temporary visa holders	824	69.3	na	na
Primary source of support				
Federal	595	50.0	na	na
Nonfederal <sup>b</sup>	512	43.1	na	na
Personal resources	8	0.7	na	na
Unknown or not stated	74	6.2	na	na
Primary mechanism of support				
Fellowships	117	9.8	na	na
Research grants	834	70.1	na	na
Traineeships	8	0.7	na	na
Other types of support	230	19.3	na	na
Degree type <sup>c</sup>				
Doctoral degree	942	79.2	393	74.6
Professional degree	24	2.0	31	5.9
Dual degree	2	0.2	10	1.9
Doctoral degree type unknown	221	18.6	93	17.6
Degree origin				
United States	460	38.7	na	na
Foreign country	291	24.5	na	na
Unknown	438	36.8	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):**

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.