

TABLE 4-22b

Mechanical engineering 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	134	18.8	88	12.4
Schools	137	17.0	89	11.0
Units	148	0.7	99	0.5
All individuals	1,149	100.0	469	100.0
Male	945	82.2	391	83.4
Female	204	17.8	78	16.6
U.S. citizens and permanent residents ^a	332	28.9	na	na
Hispanic or Latino	18	1.6	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	0	0.0	na	na
Asian	99	8.6	na	na
Black or African American	4	0.3	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	166	14.4	na	na
More than one race	7	0.6	na	na
Unknown ethnicity and race	38	3.3	na	na
Temporary visa holders	817	71.1	na	na
Primary source of support				
Federal	575	50.0	na	na
Nonfederal ^b	492	42.8	na	na
Personal resources	6	0.5	na	na
Unknown or not stated	76	6.6	na	na
Primary mechanism of support				
Fellowships	139	12.1	na	na
Research grants	806	70.1	na	na
Traineeships	13	1.1	na	na
Other types of support	191	16.6	na	na
Degree type ^c				
Doctoral degree	905	78.8	400	85.3
Professional degree	9	0.8	17	3.6
Dual degree	3	0.3	2	0.4
Doctoral degree type unknown	232	20.2	50	10.7
Degree origin				
United States	504	43.9	na	na
Foreign country	225	19.6	na	na
Unknown	420	36.6	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, 2020.