

TABLE 4-21b

**Industrial, manufacturing, systems engineering and operations research 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	40	5.8	33	4.8
Schools	41	5.3	33	4.3
Units	44	0.2	49	0.2
All individuals	143	100.0	197	100.0
Male	110	76.9	150	76.1
Female	33	23.1	47	23.9
U.S. citizens and permanent residents <sup>a</sup>	38	26.6	na	na
Hispanic or Latino	1	0.7	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	0	0.0	na	na
Asian	5	3.5	na	na
Black or African American	1	0.7	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	21	14.7	na	na
More than one race	1	0.7	na	na
Unknown ethnicity and race	9	6.3	na	na
Temporary visa holders	105	73.4	na	na
Primary source of support				
Federal	53	37.1	na	na
Nonfederal <sup>b</sup>	80	55.9	na	na
Personal resources	0	0.0	na	na
Unknown or not stated	10	7.0	na	na
Primary mechanism of support				
Fellowships	14	9.8	na	na
Research grants	92	64.3	na	na
Traineeships	1	0.7	na	na
Other types of support	36	25.2	na	na
Degree type <sup>c</sup>				
Doctoral degree	120	83.9	123	62.4
Professional degree	0	0.0	9	4.6
Dual degree	0	0.0	2	1.0
Doctoral degree type unknown	23	16.1	63	32.0
Degree origin				
United States	80	55.9	na	na
Foreign country	30	21.0	na	na
Unknown	33	23.1	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):**

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.