

TABLE 4-21b

**Industrial, manufacturing, systems engineering and operations research 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	41	5.9	25	3.6
Schools	42	5.3	25	3.2
Units	44	0.2	38	0.2
All individuals	127	100.0	107	100.0
Male	93	73.2	81	75.7
Female	34	26.8	26	24.3
U.S. citizens and permanent residents <sup>a</sup>	35	27.6	na	na
Hispanic or Latino	5	3.9	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	0	0.0	na	na
Asian	5	3.9	na	na
Black or African American	1	0.8	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	17	13.4	na	na
More than one race	1	0.8	na	na
Unknown ethnicity and race	6	4.7	na	na
Temporary visa holders	92	72.4	na	na
Primary source of support				
Federal	41	32.3	na	na
Nonfederal <sup>b</sup>	82	64.6	na	na
Personal resources	0	0.0	na	na
Unknown or not stated	4	3.1	na	na
Primary mechanism of support				
Fellowships	14	11.0	na	na
Research grants	84	66.1	na	na
Traineeships	0	0.0	na	na
Other types of support	29	22.8	na	na
Degree type <sup>c</sup>				
Doctoral degree	99	78.0	74	69.2
Professional degree	1	0.8	10	9.3
Dual degree	0	0.0	1	0.9
Doctoral degree type unknown	27	21.3	22	20.6
Degree origin				
United States	68	53.5	na	na
Foreign country	21	16.5	na	na
Unknown	38	29.9	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, 2021.