

TABLE 4-21b

Industrial, manufacturing, systems engineering and operations research postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2023

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	51	7.4	32	4.7
Schools	52	6.8	32	4.2
Units	59	0.3	46	0.2
All individuals	170	100.0	221	100.0
Male	122	71.8	163	73.8
Female	48	28.2	58	26.2
U.S. citizens and permanent residents ^a	55	32.4	na	na
Hispanic or Latino	0	0.0	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	0	0.0	na	na
Asian	11	6.5	na	na
Black or African American	2	1.2	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	30	17.6	na	na
More than one race	2	1.2	na	na
Unknown ethnicity and race	10	5.9	na	na
Temporary visa holders	115	67.6	na	na
Primary source of support				
Federal	61	35.9	na	na
Nonfederal ^b	90	52.9	na	na
Personal resources	0	0.0	na	na
Unknown or not stated	19	11.2	na	na
Primary mechanism of support				
Fellowships	15	8.8	na	na
Research grants	110	64.7	na	na
Traineeships	4	2.4	na	na
Other types of support	41	24.1	na	na
Degree type ^c				
Doctoral degree	136	80.0	147	66.5
Professional degree	2	1.2	2	0.9
Dual degree	0	0.0	3	1.4
Doctoral degree type unknown	32	18.8	69	31.2
Degree origin				
United States	79	46.5	na	na
Foreign country	48	28.2	na	na

TABLE 4-21b

Industrial, manufacturing, systems engineering and operations research postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2023

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Unknown	43	25.3	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):

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, 2023.