

TABLE 4-18b

Chemical, petroleum, and chemical-related engineering 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	116	16.9	74	10.8
Schools	117	15.2	74	9.6
Units	144	0.6	97	0.4
All individuals	1,501	100.0	349	100.0
Male	1,078	71.8	259	74.2
Female	423	28.2	90	25.8
U.S. citizens and permanent residents ^a	437	29.1	na	na
Hispanic or Latino	29	1.9	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	0	0.0	na	na
Asian	124	8.3	na	na
Black or African American	15	1.0	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	211	14.1	na	na
More than one race	16	1.1	na	na
Unknown ethnicity and race	42	2.8	na	na
Temporary visa holders	1,064	70.9	na	na
Primary source of support				
Federal	689	45.9	na	na
Nonfederal ^b	713	47.5	na	na
Personal resources	21	1.4	na	na
Unknown or not stated	78	5.2	na	na
Primary mechanism of support				
Fellowships	119	7.9	na	na
Research grants	1,108	73.8	na	na
Traineeships	18	1.2	na	na
Other types of support	256	17.1	na	na
Degree type ^c				
Doctoral degree	1,050	70.0	290	83.1
Professional degree	40	2.7	9	2.6
Dual degree	11	0.7	13	3.7
Doctoral degree type unknown	400	26.6	37	10.6
Degree origin				
United States	480	32.0	na	na
Foreign country	431	28.7	na	na

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Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Unknown	590	39.3	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.