

TABLE 4-18b

Chemical, petroleum, and chemical-related engineering 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	119	17.2	72	10.4
Schools	120	15.5	72	9.3
Units	144	0.6	97	0.4
All individuals	1,239	100.0	313	100.0
Male	882	71.2	228	72.8
Female	357	28.8	85	27.2
U.S. citizens and permanent residents ^a	395	31.9	na	na
Hispanic or Latino	26	2.1	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	1	0.1	na	na
Asian	101	8.2	na	na
Black or African American	7	0.6	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	218	17.6	na	na
More than one race	13	1.0	na	na
Unknown ethnicity and race	29	2.3	na	na
Temporary visa holders	844	68.1	na	na
Primary source of support				
Federal	577	46.6	na	na
Nonfederal ^b	590	47.6	na	na
Personal resources	5	0.4	na	na
Unknown or not stated	67	5.4	na	na
Primary mechanism of support				
Fellowships	131	10.6	na	na
Research grants	897	72.4	na	na
Traineeships	21	1.7	na	na
Other types of support	190	15.3	na	na
Degree type ^c				
Doctoral degree	971	78.4	270	86.3
Professional degree	32	2.6	5	1.6
Dual degree	6	0.5	13	4.2
Doctoral degree type unknown	230	18.6	25	8.0
Degree origin				
United States	451	36.4	na	na
Foreign country	380	30.7	na	na
Unknown	408	32.9	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.

^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, 2022.