

TABLE 4-18b

**Chemical, petroleum, and chemical-related engineering 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	112	16.0	69	9.9
Schools	113	14.4	69	8.8
Units	133	0.6	81	0.4
All individuals	1,167	100.0	307	100.0
Male	866	74.2	212	69.1
Female	301	25.8	95	30.9
U.S. citizens and permanent residents <sup>a</sup>	407	34.9	na	na
Hispanic or Latino	21	1.8	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	1	0.1	na	na
Asian	120	10.3	na	na
Black or African American	10	0.9	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	214	18.3	na	na
More than one race	10	0.9	na	na
Unknown ethnicity and race	31	2.7	na	na
Temporary visa holders	760	65.1	na	na
Primary source of support				
Federal	521	44.6	na	na
Nonfederal <sup>b</sup>	560	48.0	na	na
Personal resources	6	0.5	na	na
Unknown or not stated	80	6.9	na	na
Primary mechanism of support				
Fellowships	131	11.2	na	na
Research grants	807	69.2	na	na
Traineeships	24	2.1	na	na
Other types of support	205	17.6	na	na
Degree type <sup>c</sup>				
Doctoral degree	868	74.4	263	85.7
Professional degree	22	1.9	5	1.6
Dual degree	7	0.6	3	1.0
Doctoral degree type unknown	270	23.1	36	11.7
Degree origin				
United States	422	36.2	na	na
Foreign country	279	23.9	na	na
Unknown	466	39.9	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.