

TABLE 4-18b

Chemical, petroleum, and chemical-related engineering postdoctoral appointee and doctorate-holding nonfaculty researcher demographics and funding: 2020

(Number and percent)

Characteristic	Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	Number	Percent	Number	Percent
Institutions	113	15.9	68	9.6
Schools	113	14.0	68	8.4
Units	139	0.7	86	0.4
All individuals	1,157	100.0	330	100.0
Male	836	72.3	243	73.6
Female	321	27.7	87	26.4
U.S. citizens and permanent residents ^a	358	30.9	na	na
Hispanic or Latino	20	1.7	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	1	0.1	na	na
Asian	76	6.6	na	na
Black or African American	7	0.6	na	na
Native Hawaiian or Other Pacific Islander	1	0.1	na	na
White	209	18.1	na	na
More than one race	10	0.9	na	na
Unknown ethnicity and race	34	2.9	na	na
Temporary visa holders	799	69.1	na	na
Primary source of support				
Federal	519	44.9	na	na
Nonfederal ^b	535	46.2	na	na
Personal resources	5	0.4	na	na
Unknown or not stated	98	8.5	na	na
Primary mechanism of support				
Fellowships	125	10.8	na	na
Research grants	811	70.1	na	na
Traineeships	12	1.0	na	na
Other types of support	209	18.1	na	na
Degree type ^c				
Doctoral degree	848	73.3	276	83.6
Professional degree	26	2.2	7	2.1
Dual degree	9	0.8	2	0.6
Doctoral degree type unknown	274	23.7	45	13.6
Degree origin				
United States	391	33.8	na	na
Foreign country	299	25.8	na	na
Unknown	467	40.4	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):

"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, 2020.