

TABLE 4-20b

Electrical, electronics, communications and computer 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	136	19.5	100	14.3
Schools	137	17.4	101	12.8
Units	159	0.7	137	0.6
All individuals	1,275	100.0	755	100.0
Male	1,037	81.3	648	85.8
Female	238	18.7	107	14.2
U.S. citizens and permanent residents ^a	392	30.7	na	na
Hispanic or Latino	20	1.6	na	na
Not Hispanic or Latino				
American Indian or Alaska Native	2	0.2	na	na
Asian	121	9.5	na	na
Black or African American	10	0.8	na	na
Native Hawaiian or Other Pacific Islander	0	0.0	na	na
White	180	14.1	na	na
More than one race	10	0.8	na	na
Unknown ethnicity and race	49	3.8	na	na
Temporary visa holders	883	69.3	na	na
Primary source of support				
Federal	720	56.5	na	na
Nonfederal ^b	457	35.8	na	na
Personal resources	37	2.9	na	na
Unknown or not stated	61	4.8	na	na
Primary mechanism of support				
Fellowships	105	8.2	na	na
Research grants	939	73.6	na	na
Traineeships	13	1.0	na	na
Other types of support	218	17.1	na	na
Degree type ^c				
Doctoral degree	1,019	79.9	638	84.5
Professional degree	10	0.8	17	2.3
Dual degree	4	0.3	1	0.1
Doctoral degree type unknown	242	19.0	99	13.1
Degree origin				
United States	490	38.4	na	na
Foreign country	318	24.9	na	na
Unknown	467	36.6	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, 2021.