

TABLE 2-1

Demographic characteristics of graduate students, postdoctoral appointees, and doctorate-holding nonfaculty researchers in science, engineering, and health: 2019

(Number and percent)

Sex, citizenship, ethnicity, and race	Graduate students						Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	All graduate students		Master's		Doctoral					
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All individuals	690,117	100.0	408,228	100.0	281,889	100.0	66,247	100.0	30,349	100.0
Male	364,995	52.9	205,768	50.4	159,227	56.5	39,173	59.1	17,980	59.2
Female	325,122	47.1	202,460	49.6	122,662	43.5	27,074	40.9	12,369	40.8
U.S. citizens and permanent residents ^a	456,504	66.1	287,370	70.4	169,134	60.0	29,452	44.5	na	na
Hispanic or Latino	54,467	7.9	36,777	9.0	17,690	6.3	1,924	2.9	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	2,077	0.3	1,327	0.3	750	0.3	69	0.1	na	na
Asian	48,844	7.1	31,301	7.7	17,543	6.2	5,891	8.9	na	na
Black or African American	38,048	5.5	27,598	6.8	10,450	3.7	1,088	1.6	na	na
Native Hawaiian or Other Pacific Islander	744	0.1	542	0.1	202	0.1	52	0.1	na	na
White	272,545	39.5	163,836	40.1	108,709	38.6	16,972	25.6	na	na
More than one race	15,613	2.3	9,593	2.3	6,020	2.1	519	0.8	na	na
Unknown ethnicity and race	24,166	3.5	16,396	4.0	7,770	2.8	2,937	4.4	na	na
Temporary visa holders	233,613	33.9	120,858	29.6	112,755	40.0	36,795	55.5	na	na
Female										
U.S. citizens and permanent residents ^a	218,337	31.6	131,686	32.3	86,651	30.7	15,570	23.5	na	na
Hispanic or Latino	24,064	3.5	15,378	3.8	8,686	3.1	963	1.5	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	831	0.1	532	0.1	299	0.1	28	*	na	na
Asian	25,453	3.7	16,315	4.0	9,138	3.2	3,278	4.9	na	na
Black or African American	14,725	2.1	10,593	2.6	4,132	1.5	433	0.7	na	na
Native Hawaiian or Other Pacific Islander	344	*	254	0.1	90	*	26	*	na	na
White	134,227	19.4	77,033	18.9	57,194	20.3	8,980	13.6	na	na
More than one race	7,118	1.0	4,213	1.0	2,905	1.0	243	0.4	na	na
Unknown ethnicity and race	11,575	1.7	7,368	1.8	4,207	1.5	1,619	2.4	na	na
Temporary visa holders	146,658	21.3	74,082	18.1	72,576	25.7	23,603	35.6	na	na
Male										
U.S. citizens and permanent residents ^a	238,167	34.5	155,684	38.1	82,483	29.3	13,882	21.0	na	na
Hispanic or Latino	30,403	4.4	21,399	5.2	9,004	3.2	961	1.5	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	1,246	0.2	795	0.2	451	0.2	41	0.1	na	na
Asian	23,391	3.4	14,986	3.7	8,405	3.0	2,613	3.9	na	na
Black or African American	23,323	3.4	17,005	4.2	6,318	2.2	655	1.0	na	na
Native Hawaiian or Other Pacific Islander	400	0.1	288	0.1	112	*	26	*	na	na
White	138,318	20.0	86,803	21.3	51,515	18.3	7,992	12.1	na	na
More than one race	8,495	1.2	5,380	1.3	3,115	1.1	276	0.4	na	na
Unknown ethnicity and race	12,591	1.8	9,028	2.2	3,563	1.3	1,318	2.0	na	na
Temporary visa holders	86,955	12.6	46,776	11.5	40,179	14.3	13,192	19.9	na	na

* = value < 0.05%. na = not applicable; citizenship and race and ethnicity data are not collected for doctorate-holding nonfaculty researchers.

^a Ethnicity and race data are available only for U.S. citizens and permanent residents.**Note(s):**

Percentages may not add to total because of rounding.

Source(s):

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2019.