

TABLE 2-1

Demographic characteristics of graduate students, postdoctoral appointees, and doctorate-holding nonfaculty researchers in science, engineering, and health: 2022

(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	798,534	100.0	501,311	100.0	297,223	100.0	62,750	100.0	32,279	100.0
Male	412,109	51.6	251,531	50.2	160,578	54.0	36,038	57.4	18,533	57.4
Female	386,425	48.4	249,780	49.8	136,645	46.0	26,712	42.6	13,746	42.6
U.S. citizens and permanent residents ^a	500,299	62.7	322,005	64.2	178,294	60.0	27,289	43.5	na	na
Hispanic or Latino	69,621	8.7	48,303	9.6	21,318	7.2	2,192	3.5	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	2,082	0.3	1,331	0.3	751	0.3	92	0.1	na	na
Asian	61,426	7.7	40,873	8.2	20,553	6.9	5,286	8.4	na	na
Black or African American	44,016	5.5	31,398	6.3	12,618	4.2	1,141	1.8	na	na
Native Hawaiian or Other Pacific Islander	738	0.1	541	0.1	197	0.1	34	0.1	na	na
White	279,657	35.0	172,212	34.4	107,445	36.1	15,221	24.3	na	na
More than one race	19,331	2.4	12,002	2.4	7,329	2.5	638	1.0	na	na
Unknown ethnicity and race	23,428	2.9	15,345	3.1	8,083	2.7	2,685	4.3	na	na
Temporary visa holders	298,235	37.3	179,306	35.8	118,929	40.0	35,461	56.5	na	na
Female										
U.S. citizens and permanent residents ^a	227,547	28.5	140,982	28.1	86,565	29.1	14,247	22.7	na	na
Hispanic or Latino	29,310	3.7	19,397	3.9	9,913	3.3	1,071	1.7	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	748	0.1	457	0.1	291	0.1	40	0.1	na	na
Asian	30,734	3.8	20,427	4.1	10,307	3.5	2,965	4.7	na	na
Black or African American	16,111	2.0	11,295	2.3	4,816	1.6	467	0.7	na	na
Native Hawaiian or Other Pacific Islander	325	*	240	*	85	*	20	*	na	na
White	130,479	16.3	76,872	15.3	53,607	18.0	7,938	12.7	na	na
More than one race	8,505	1.1	5,175	1.0	3,330	1.1	306	0.5	na	na
Unknown ethnicity and race	11,335	1.4	7,119	1.4	4,216	1.4	1,440	2.3	na	na
Temporary visa holders	184,562	23.1	110,549	22.1	74,013	24.9	21,791	34.7	na	na
Male										
U.S. citizens and permanent residents ^a	272,752	34.2	181,023	36.1	91,729	30.9	13,042	20.8	na	na
Hispanic or Latino	40,311	5.0	28,906	5.8	11,405	3.8	1,121	1.8	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	1,334	0.2	874	0.2	460	0.2	52	0.1	na	na
Asian	30,692	3.8	20,446	4.1	10,246	3.4	2,321	3.7	na	na
Black or African American	27,905	3.5	20,103	4.0	7,802	2.6	674	1.1	na	na
Native Hawaiian or Other Pacific Islander	413	0.1	301	0.1	112	*	14	*	na	na
White	149,178	18.7	95,340	19.0	53,838	18.1	7,283	11.6	na	na
More than one race	10,826	1.4	6,827	1.4	3,999	1.3	332	0.5	na	na
Unknown ethnicity and race	12,093	1.5	8,226	1.6	3,867	1.3	1,245	2.0	na	na
Temporary visa holders	113,673	14.2	68,757	13.7	44,916	15.1	13,670	21.8	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. Graduate student data in this table include master's students in health sciences. For more information on the comparability of these counts to other data published by the National Center for Science and Engineering Statistics, see the "Technical Notes."

Source(s):

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2022.