

TABLE 2-1

Demographic characteristics of graduate students, postdoctoral appointees, and doctorate-holding nonfaculty researchers in science, engineering, and health: 2023

(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	818,095	100.0	510,866	100.0	307,229	100.0	65,850	100.0	34,342	100.0
Male	422,321	51.6	258,675	50.6	163,646	53.3	37,458	56.9	19,495	56.8
Female	395,774	48.4	252,191	49.4	143,583	46.7	28,392	43.1	14,847	43.2
U.S. citizens and permanent residents ^a	495,808	60.6	313,609	61.4	182,199	59.3	27,701	42.1	na	na
Hispanic or Latino	70,428	8.6	48,099	9.4	22,329	7.3	2,352	3.6	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	1,984	0.2	1,211	0.2	773	0.3	111	0.2	na	na
Asian	62,549	7.6	40,930	8.0	21,619	7.0	5,631	8.6	na	na
Black or African American	46,276	5.7	31,764	6.2	14,512	4.7	1,230	1.9	na	na
Native Hawaiian or Other Pacific Islander	754	0.1	544	0.1	210	0.1	57	0.1	na	na
White	269,477	32.9	163,247	32.0	106,230	34.6	14,585	22.1	na	na
More than one race	20,004	2.4	12,120	2.4	7,884	2.6	694	1.1	na	na
Unknown ethnicity and race	24,336	3.0	15,694	3.1	8,642	2.8	3,041	4.6	na	na
Temporary visa holders	322,287	39.4	197,257	38.6	125,030	40.7	38,149	57.9	na	na
Male										
U.S. citizens and permanent residents ^a	224,284	27.4	137,740	27.0	86,544	28.2	14,321	21.7	na	na
Hispanic or Latino	29,552	3.6	19,304	3.8	10,248	3.3	1,106	1.7	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	759	0.1	459	0.1	300	0.1	50	0.1	na	na
Asian	31,363	3.8	20,645	4.0	10,718	3.5	3,137	4.8	na	na
Black or African American	16,945	2.1	11,554	2.3	5,391	1.8	520	0.8	na	na
Native Hawaiian or Other Pacific Islander	336	*	239	*	97	*	30	*	na	na
White	124,903	15.3	72,848	14.3	52,055	16.9	7,535	11.4	na	na
More than one race	8,779	1.1	5,289	1.0	3,490	1.1	323	0.5	na	na
Unknown ethnicity and race	11,647	1.4	7,402	1.4	4,245	1.4	1,620	2.5	na	na
Temporary visa holders	198,037	24.2	120,935	23.7	77,102	25.1	23,137	35.1	na	na
Female										
U.S. citizens and permanent residents ^a	271,524	33.2	175,869	34.4	95,655	31.1	13,380	20.3	na	na
Hispanic or Latino	40,876	5.0	28,795	5.6	12,081	3.9	1,246	1.9	na	na
Not Hispanic or Latino										
American Indian or Alaska Native	1,225	0.1	752	0.1	473	0.2	61	0.1	na	na
Asian	31,186	3.8	20,285	4.0	10,901	3.5	2,494	3.8	na	na
Black or African American	29,331	3.6	20,210	4.0	9,121	3.0	710	1.1	na	na
Native Hawaiian or Other Pacific Islander	418	0.1	305	0.1	113	*	27	*	na	na

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	All graduate students		Master's		Doctoral		Number	Percent	Number	Percent
	Number	Percent	Number	Percent	Number	Percent				
White	144,574	17.7	90,399	17.7	54,175	17.6	7,050	10.7	na	na
More than one race	11,225	1.4	6,831	1.3	4,394	1.4	371	0.6	na	na
Unknown ethnicity and race	12,689	1.6	8,292	1.6	4,397	1.4	1,421	2.2	na	na
Temporary visa holders	124,250	15.2	76,322	14.9	47,928	15.6	15,012	22.8	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, 2023.