

Table 2-8. Demographic characteristics of master's and doctoral students in science, engineering, and health, by enrollment intensity: 2024

(Number and percent)

Sex, citizenship, ethnicity, and race	Full time												Part time					
	All full time						First time, full time											
	Total		Master's		Doctoral		All first time, full time		Master's		Doctoral		All part time		Master's		Doctoral	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All individuals	596,638	100.0	322,037	100.0	274,601	100.0	193,600	100.0	142,279	100.0	51,321	100.0	221,440	100.0	183,893	100.0	37,547	100.0
Male	306,113	51.3	159,202	49.4	146,911	53.5	96,630	49.9	69,716	49.0	26,914	52.4	116,254	52.5	97,465	53.0	18,789	50.0
Female	290,525	48.7	162,835	50.6	127,690	46.5	96,970	50.1	72,563	51.0	24,407	47.6	105,186	47.5	86,428	47.0	18,758	50.0
U.S. citizens and permanent residents ^a	323,604	54.2	171,182	53.2	152,422	55.5	108,581	56.1	81,016	56.9	27,565	53.7	179,905	81.2	151,033	82.1	28,872	76.9
Hispanic or Latino	48,793	8.2	28,882	9.0	19,911	7.3	16,791	8.7	13,114	9.2	3,677	7.2	26,113	11.8	22,960	12.5	3,153	8.4
Not Hispanic or Latino																		
American Indian or Alaska Native	1,216	0.2	662	0.2	554	0.2	370	0.2	272	0.2	98	0.2	727	0.3	541	0.3	186	0.5
Asian	43,821	7.3	23,883	7.4	19,938	7.3	16,090	8.3	12,331	8.7	3,759	7.3	24,010	10.8	21,440	11.7	2,570	6.8
Black or African American	27,897	4.7	17,189	5.3	10,708	3.9	10,172	5.3	8,160	5.7	2,012	3.9	19,792	8.9	16,049	8.7	3,743	10.0
Native Hawaiian or Other Pacific Islander	395	0.1	235	0.1	160	0.1	113	0.1	92	0.1	21	*	329	0.1	284	0.2	45	0.1
White	171,768	28.8	84,954	26.4	86,814	31.6	54,760	28.3	39,634	27.9	15,126	29.5	91,555	41.3	75,188	40.9	16,367	43.6
More than one race	14,523	2.4	7,369	2.3	7,154	2.6	4,939	2.6	3,558	2.5	1,381	2.7	6,380	2.9	5,419	2.9	961	2.6
Unknown ethnicity and race	15,191	2.5	8,008	2.5	7,183	2.6	5,346	2.8	3,855	2.7	1,491	2.9	10,999	5.0	9,152	5.0	1,847	4.9
Temporary visa holders	273,034	45.8	150,855	46.8	122,179	44.5	85,019	43.9	61,263	43.1	23,756	46.3	41,535	18.8	32,860	17.9	8,675	23.1
Male																		
U.S. citizens and permanent residents ^a	140,111	23.5	67,944	21.1	72,167	26.3	45,744	23.6	33,136	23.3	12,608	24.6	90,782	41.0	77,412	42.1	13,370	35.6
Hispanic or Latino	19,384	3.2	10,255	3.2	9,129	3.3	6,422	3.3	4,795	3.4	1,627	3.2	12,212	5.5	10,802	5.9	1,410	3.8
Not Hispanic or Latino																		
American Indian or Alaska Native	472	0.1	249	0.1	223	0.1	148	0.1	112	0.1	36	0.1	296	0.1	229	0.1	67	0.2
Asian	21,370	3.6	11,575	3.6	9,795	3.6	7,956	4.1	6,166	4.3	1,790	3.5	13,665	6.2	12,391	6.7	1,274	3.4
Black or African American	9,534	1.6	5,543	1.7	3,991	1.5	3,306	1.7	2,636	1.9	670	1.3	7,928	3.6	6,553	3.6	1,375	3.7
Native Hawaiian or Other Pacific Islander	149	*	82	*	67	*	44	*	33	*	11	*	165	0.1	140	0.1	25	0.1
White	75,914	12.7	33,804	10.5	42,110	15.3	23,265	12.0	16,190	11.4	7,075	13.8	47,566	21.5	39,565	21.5	8,001	21.3
More than one race	6,178	1.0	2,996	0.9	3,182	1.2	2,066	1.1	1,467	1.0	599	1.2	3,172	1.4	2,777	1.5	395	1.1
Unknown ethnicity and race	7,110	1.2	3,440	1.1	3,670	1.3	2,537	1.3	1,737	1.2	800	1.6	5,778	2.6	4,955	2.7	823	2.2
Temporary visa holders	166,002	27.8	91,258	28.3	74,744	27.2	50,886	26.3	36,580	25.7	14,306	27.9	25,472	11.5	20,053	10.9	5,419	14.4
Female																		
U.S. citizens and permanent residents ^a	183,493	30.8	103,238	32.1	80,255	29.2	62,837	32.5	47,880	33.7	14,957	29.1	89,123	40.2	73,621	40.0	15,502	41.3
Hispanic or Latino	29,409	4.9	18,627	5.8	10,782	3.9	10,369	5.4	8,319	5.8	2,050	4.0	13,901	6.3	12,158	6.6	1,743	4.6
Not Hispanic or Latino																		
American Indian or Alaska Native	744	0.1	413	0.1	331	0.1	222	0.1	160	0.1	62	0.1	431	0.2	312	0.2	119	0.3
Asian	22,451	3.8	12,308	3.8	10,143	3.7	8,134	4.2	6,165	4.3	1,969	3.8	10,345	4.7	9,049	4.9	1,296	3.5
Black or African American	18,363	3.1	11,646	3.6	6,717	2.4	6,866	3.5	5,524	3.9	1,342	2.6	11,864	5.4	9,496	5.2	2,368	6.3
Native Hawaiian or Other Pacific Islander	246	*	153	*	93	*	69	*	59	*	10	*	164	0.1	144	0.1	20	0.1

Table 2-8. Demographic characteristics of master's and doctoral students in science, engineering, and health, by enrollment intensity: 2024

(Number and percent)

Sex, citizenship, ethnicity, and race	Full time												Part time					
	All full time						First time, full time						All part time		Master's		Doctoral	
	Total		Master's		Doctoral		All first time, full time		Master's		Doctoral		Number	Percent	Number	Percent	Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
White	95,854	16.1	51,150	15.9	44,704	16.3	31,495	16.3	23,444	16.5	8,051	15.7	43,989	19.9	35,623	19.4	8,366	22.3
More than one race	8,345	1.4	4,373	1.4	3,972	1.4	2,873	1.5	2,091	1.5	782	1.5	3,208	1.4	2,642	1.4	566	1.5
Unknown ethnicity and race	8,081	1.4	4,568	1.4	3,513	1.3	2,809	1.5	2,118	1.5	691	1.3	5,221	2.4	4,197	2.3	1,024	2.7
Temporary visa holders	107,032	17.9	59,597	18.5	47,435	17.3	34,133	17.6	24,683	17.3	9,450	18.4	16,063	7.3	12,807	7.0	3,256	8.7

* = value < 0.05%.

^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, 2024.