

TABLE 2-3

Demographic characteristics of master's and doctoral students in science, engineering, and health, by enrollment intensity: 2020

(Number and percent)

Sex, citizenship, ethnicity, and race	Full time												Part time					
	All full time						First time, full time						Part 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	491,515	100.0	243,859	100.0	247,656	100.0	143,269	100.0	102,096	100.0	41,173	100.0	206,298	100.0	170,619	100.0	35,679	100.0
Male	250,749	51.0	112,292	46.0	138,457	55.9	66,686	46.5	45,074	44.1	21,612	52.5	109,164	52.9	89,856	52.7	19,308	54.1
Female	240,766	49.0	131,567	54.0	109,199	44.1	76,583	53.5	57,022	55.9	19,561	47.5	97,134	47.1	80,763	47.3	16,371	45.9
U.S. citizens and permanent residents ^a	314,694	64.0	167,766	68.8	146,928	59.3	107,459	75.0	79,715	78.1	27,744	67.4	172,357	83.5	146,539	85.9	25,818	72.4
Hispanic or Latino	40,815	8.3	24,436	10.0	16,379	6.6	14,866	10.4	11,483	11.2	3,383	8.2	21,864	10.6	19,314	11.3	2,550	7.1
Not Hispanic or Latino																		
American Indian or Alaska Native	1,322	0.3	722	0.3	600	0.2	402	0.3	306	0.3	96	0.2	720	0.3	562	0.3	158	0.4
Asian	34,502	7.0	18,544	7.6	15,958	6.4	12,838	9.0	9,685	9.5	3,153	7.7	18,592	9.0	16,531	9.7	2,061	5.8
Black or African American	24,560	5.0	15,989	6.6	8,571	3.5	9,390	6.6	7,664	7.5	1,726	4.2	17,356	8.4	14,853	8.7	2,503	7.0
Native Hawaiian or Other Pacific Islander	454	0.1	294	0.1	160	0.1	162	0.1	135	0.1	27	0.1	324	0.2	284	0.2	40	0.1
White	186,375	37.9	93,614	38.4	92,761	37.5	60,893	42.5	44,007	43.1	16,886	41.0	97,680	47.3	81,476	47.8	16,204	45.4
More than one race	12,103	2.5	6,377	2.6	5,726	2.3	4,223	2.9	3,063	3.0	1,160	2.8	5,476	2.7	4,692	2.7	784	2.2
Unknown ethnicity and race	14,563	3.0	7,790	3.2	6,773	2.7	4,685	3.3	3,372	3.3	1,313	3.2	10,345	5.0	8,827	5.2	1,518	4.3
Temporary visa holders	176,821	36.0	76,093	31.2	100,728	40.7	35,810	25.0	22,381	21.9	13,429	32.6	33,941	16.5	24,080	14.1	9,861	27.6
Male																		
U.S. citizens and permanent residents ^a	141,081	28.7	66,803	27.4	74,278	30.0	45,815	32.0	32,396	31.7	13,419	32.6	87,971	42.6	75,037	44.0	12,934	36.3
Hispanic or Latino	16,978	3.5	9,035	3.7	7,943	3.2	5,950	4.2	4,403	4.3	1,547	3.8	10,207	4.9	9,038	5.3	1,169	3.3
Not Hispanic or Latino																		
American Indian or Alaska Native	519	0.1	270	0.1	249	0.1	146	0.1	105	0.1	41	0.1	296	0.1	242	0.1	54	0.2
Asian	16,728	3.4	8,536	3.5	8,192	3.3	6,024	4.2	4,439	4.3	1,585	3.8	10,604	5.1	9,544	5.6	1,060	3.0
Black or African American	8,451	1.7	5,064	2.1	3,387	1.4	3,078	2.1	2,431	2.4	647	1.6	7,323	3.5	6,333	3.7	990	2.8
Native Hawaiian or Other Pacific Islander	176	*	117	*	59	*	65	*	55	0.1	10	*	153	0.1	132	0.1	21	0.1
White	86,072	17.5	38,036	15.6	48,036	19.4	26,605	18.6	18,241	17.9	8,364	20.3	51,553	25.0	43,081	25.2	8,472	23.7
More than one race	5,258	1.1	2,517	1.0	2,741	1.1	1,766	1.2	1,231	1.2	535	1.3	2,672	1.3	2,313	1.4	359	1.0
Unknown ethnicity and race	6,899	1.4	3,228	1.3	3,671	1.5	2,181	1.5	1,491	1.5	690	1.7	5,163	2.5	4,354	2.6	809	2.3
Temporary visa holders	109,668	22.3	45,489	18.7	64,179	25.9	20,871	14.6	12,678	12.4	8,193	19.9	21,193	10.3	14,819	8.7	6,374	17.9
Female																		
U.S. citizens and permanent residents ^a	173,613	35.3	100,963	41.4	72,650	29.3	61,644	43.0	47,319	46.3	14,325	34.8	84,386	40.9	71,502	41.9	12,884	36.1
Hispanic or Latino	23,837	4.8	15,401	6.3	8,436	3.4	8,916	6.2	7,080	6.9	1,836	4.5	11,657	5.7	10,276	6.0	1,381	3.9
Not Hispanic or Latino																		
American Indian or Alaska Native	803	0.2	452	0.2	351	0.1	256	0.2	201	0.2	55	0.1	424	0.2	320	0.2	104	0.3

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Asian	17,774	3.6	10,008	4.1	7,766	3.1	6,814	4.8	5,246	5.1	1,568	3.8	7,988	3.9	6,987	4.1	1,001	2.8
Black or African American	16,109	3.3	10,925	4.5	5,184	2.1	6,312	4.4	5,233	5.1	1,079	2.6	10,033	4.9	8,520	5.0	1,513	4.2
Native Hawaiian or Other Pacific Islander	278	0.1	177	0.1	101	*	97	0.1	80	0.1	17	*	171	0.1	152	0.1	19	0.1
White	100,303	20.4	55,578	22.8	44,725	18.1	34,288	23.9	25,766	25.2	8,522	20.7	46,127	22.4	38,395	22.5	7,732	21.7
More than one race	6,845	1.4	3,860	1.6	2,985	1.2	2,457	1.7	1,832	1.8	625	1.5	2,804	1.4	2,379	1.4	425	1.2
Unknown ethnicity and race	7,664	1.6	4,562	1.9	3,102	1.3	2,504	1.7	1,881	1.8	623	1.5	5,182	2.5	4,473	2.6	709	2.0
Temporary visa holders	67,153	13.7	30,604	12.5	36,549	14.8	14,939	10.4	9,703	9.5	5,236	12.7	12,748	6.2	9,261	5.4	3,487	9.8

* = 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.

Source(s):

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2020.