

TABLE 2-3

Demographic characteristics of master's and doctoral students in science, engineering, and health, by enrollment intensity: 2021

(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		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	543,823	100.0	286,954	100.0	256,869	100.0	193,936	100.0	147,266	100.0	46,670	100.0	216,333	100.0	179,659	100.0	36,674	100.0			
Male	276,714	50.9	135,625	47.3	141,089	54.9	97,265	50.2	72,867	49.5	24,398	52.3	110,563	51.1	91,231	50.8	19,332	52.7			
Female	267,109	49.1	151,329	52.7	115,780	45.1	96,671	49.8	74,399	50.5	22,272	47.7	105,770	48.9	88,428	49.2	17,342	47.3			
U.S. citizens and permanent residents ^a	329,351	60.6	178,812	62.3	150,539	58.6	109,956	56.7	82,441	56.0	27,515	59.0	186,246	86.1	158,843	88.4	27,403	74.7			
Hispanic or Latino	44,699	8.2	26,872	9.4	17,827	6.9	15,862	8.2	12,193	8.3	3,669	7.9	24,475	11.3	21,809	12.1	2,666	7.3			
Not Hispanic or Latino																					
American Indian or Alaska Native	1,318	0.2	744	0.3	574	0.2	422	0.2	337	0.2	85	0.2	787	0.4	612	0.3	175	0.5			
Asian	39,053	7.2	21,675	7.6	17,378	6.8	14,516	7.5	11,187	7.6	3,329	7.1	21,150	9.8	18,932	10.5	2,218	6.0			
Black or African American	26,231	4.8	16,916	5.9	9,315	3.6	9,644	5.0	7,606	5.2	2,038	4.4	19,071	8.8	16,213	9.0	2,858	7.8			
Native Hawaiian or Other Pacific Islander	470	0.1	317	0.1	153	0.1	183	0.1	150	0.1	33	0.1	322	0.1	280	0.2	42	0.1			
White	190,254	35.0	97,735	34.1	92,519	36.0	60,506	31.2	44,446	30.2	16,060	34.4	103,944	48.0	86,873	48.4	17,071	46.5			
More than one race	13,242	2.4	6,985	2.4	6,257	2.4	4,488	2.3	3,293	2.2	1,195	2.6	6,229	2.9	5,316	3.0	913	2.5			
Unknown ethnicity and race	14,084	2.6	7,568	2.6	6,516	2.5	4,335	2.2	3,229	2.2	1,106	2.4	10,268	4.7	8,808	4.9	1,460	4.0			
Temporary visa holders	214,472	39.4	108,142	37.7	106,330	41.4	83,980	43.3	64,825	44.0	19,155	41.0	30,087	13.9	20,816	11.6	9,271	25.3			
Male																					
U.S. citizens and permanent residents ^a	144,187	26.5	69,780	24.3	74,407	29.0	45,493	23.5	32,799	22.3	12,694	27.2	92,170	42.6	78,723	43.8	13,447	36.7			
Hispanic or Latino	18,173	3.3	9,637	3.4	8,536	3.3	6,117	3.2	4,411	3.0	1,706	3.7	11,303	5.2	10,088	5.6	1,215	3.3			
Not Hispanic or Latino																					
American Indian or Alaska Native	521	0.1	268	0.1	253	0.1	168	0.1	125	0.1	43	0.1	337	0.2	274	0.2	63	0.2			
Asian	18,668	3.4	9,799	3.4	8,869	3.5	6,702	3.5	5,087	3.5	1,615	3.5	11,640	5.4	10,528	5.9	1,112	3.0			
Black or African American	8,861	1.6	5,252	1.8	3,609	1.4	3,118	1.6	2,383	1.6	735	1.6	7,754	3.6	6,626	3.7	1,128	3.1			
Native Hawaiian or Other Pacific Islander	188	*	131	*	57	*	74	*	61	*	13	*	166	0.1	142	0.1	24	0.1			
White	85,638	15.7	38,813	13.5	46,825	18.2	25,553	13.2	17,972	12.2	7,581	16.2	53,003	24.5	44,306	24.7	8,697	23.7			
More than one race	5,591	1.0	2,736	1.0	2,855	1.1	1,826	0.9	1,348	0.9	478	1.0	2,962	1.4	2,518	1.4	444	1.2			
Unknown ethnicity and race	6,547	1.2	3,144	1.1	3,403	1.3	1,935	1.0	1,412	1.0	523	1.1	5,005	2.3	4,241	2.4	764	2.1			
Temporary visa holders	132,527	24.4	65,845	22.9	66,682	26.0	51,772	26.7	40,068	27.2	11,704	25.1	18,393	8.5	12,508	7.0	5,885	16.0			
Female																					
U.S. citizens and permanent residents ^a	185,164	34.0	109,032	38.0	76,132	29.6	64,463	33.2	49,642	33.7	14,821	31.8	94,076	43.5	80,120	44.6	13,956	38.1			
Hispanic or Latino	26,526	4.9	17,235	6.0	9,291	3.6	9,745	5.0	7,782	5.3	1,963	4.2	13,172	6.1	11,721	6.5	1,451	4.0			
Not Hispanic or Latino																					
American Indian or Alaska Native	797	0.1	476	0.2	321	0.1	254	0.1	212	0.1	42	0.1	450	0.2	338	0.2	112	0.3			

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	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
Asian	20,385	3.7	11,876	4.1	8,509	3.3	7,814	4.0	6,100	4.1	1,714	3.7	9,510	4.4	8,404	4.7	1,106	3.0
Black or African American	17,370	3.2	11,664	4.1	5,706	2.2	6,526	3.4	5,223	3.5	1,303	2.8	11,317	5.2	9,587	5.3	1,730	4.7
Native Hawaiian or Other Pacific Islander	282	0.1	186	0.1	96	*	109	0.1	89	0.1	20	*	156	0.1	138	0.1	18	*
White	104,616	19.2	58,922	20.5	45,694	17.8	34,953	18.0	26,474	18.0	8,479	18.2	50,941	23.5	42,567	23.7	8,374	22.8
More than one race	7,651	1.4	4,249	1.5	3,402	1.3	2,662	1.4	1,945	1.3	717	1.5	3,267	1.5	2,798	1.6	469	1.3
Unknown ethnicity and race	7,537	1.4	4,424	1.5	3,113	1.2	2,400	1.2	1,817	1.2	583	1.2	5,263	2.4	4,567	2.5	696	1.9
Temporary visa holders	81,945	15.1	42,297	14.7	39,648	15.4	32,208	16.6	24,757	16.8	7,451	16.0	11,694	5.4	8,308	4.6	3,386	9.2

* = 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, 2021.