Table 1. Enrollment of master's students and doctoral students in science, engineering, and health, by enrollment intensity, sex, citizenship status, race, and ethnicity: 2021–25

(Number)

Characteristic	Master's students							Doctoral students						
						Percent change							Percent change	
	2021	2022	2023	2024	2025	2021–25	2024–25	2021	2022	2023	2024	2025	2021–25	2024–25
All graduate students	466,613	501,311	510,866	505,930	481,206	3.1	-4.9	293,543	297,223	307,229	312,148	315,098	7.3	0.9
Part-time students	179,659	181,693	180,895	183,893	184,905	2.9	0.6	36,674	37,540	38,612	37,547	38,261	4.3	1.9
U.S. citizens and permanent residents[a]	158,843	153,345	149,590	151,033	156,232	-1.6	3.4	27,403	28,145	29,589	28,872	30,020	9.6	4.0
Female	80,120	76,906	75,146	73,621	75,632	-5.6	2.7	13,956	14,630	16,017	15,502	16,397	17.5	5.8
Male	78,723	76,439	74,444	77,412	80,600	2.4	4.1	13,447	13,515	13,572	13,370	13,623	1.3	1.9
Hispanic or Latino	21,809	22,200	22,074	22,960	24,845	13.9	8.2	2,666	2,978	3,064	3,153	3,348	25.6	6.2
Not Hispanic or Latino														
American Indian or Alaska Native	612	537	517	541	506	-17.3	-6.5	175	174	181	186	171	-2.3	-8.1
Asian	18,932	19,522	19,350	21,440	23,441	23.8	9.3	2,218	2,359	2,487	2,570	2,703	21.9	5.2
Black or African American	16,213	15,518	15,939	16,049	16,563	2.2	3.2	2,858	2,977	3,757	3,743	4,078	42.7	9.0
Native Hawaiian or Other Pacific Islander	280	269	296	284	286	2.1	0.7	42	38	53	45	54	28.6	20.0
White	86,873	81,680	77,898	75,188	74,457	-14.3	-1.0	17,071	17,081	17,301	16,367	16,248	-4.8	-0.7
More than one race	5,316	5,079	5,212	5,419	5,815	9.4	7.3	913	874	937	961	1,016	11.3	5.7
Unknown race and ethnicity	8,808	8,540	8,304	9,152	10,319	17.2	12.8	1,460	1,664	1,809	1,847	2,402	64.5	30.0
Temporary visa holders	20,816	28,348	31,305	32,860	28,673	37.7	-12.7	9,271	9,395	9,023	8,675	8,241	-11.1	-5.0
Female	8,308	10,775	12,051	12,807	11,131	34.0	-13.1	3,386	3,452	3,409	3,256	3,209	-5.2	-1.4
Male	12,508	17,573	19,254	20,053	17,542	40.2	-12.5	5,885	5,943	5,614	5,419	5,032	-14.5	-7.1
Full-time students	286,954	319,618	329,971	322,037	296,301	3.3	-8.0	256,869	259,683	268,617	274,601	276,837	7.8	0.8
U.S. citizens and permanent residents[a]	178,812	168,660	164,019	171,182	184,096	3.0	7.5	150,539	150,149	152,610	152,422	152,313	1.2	-0.1
Female	109,032	104,117	100,723	103,238	110,125	1.0	6.7	76,132	77,099	79,638	80,255	81,088	6.5	1.0
Male	69,780	64,543	63,296	67,944	73,971	6.0	8.9	74,407	73,050	72,972	72,167	71,225	-4.3	-1.3
Hispanic or Latino	26,872	26,103	26,025	28,882	30,926	15.1	7.1	17,827	18,340	19,265	19,911	20,290	13.8	1.9
Not Hispanic or Latino														
American Indian or Alaska Native	744	794	694	662	722	-3.0	9.1	574	577	592	554	549	-4.4	-0.9
Asian	21,675	21,351	21,580	23,883	26,423	21.9	10.6	17,378	18,194	19,132	19,938	20,510	18.0	2.9
Black or African American	16,916	15,880	15,825	17,189	18,999	12.3	10.5	9,315	9,641	10,755	10,708	11,085	19.0	3.5
Native Hawaiian or Other Pacific Islander	317	272	248	235	204	-35.6	-13.2	153	159	157	160	166	8.5	3.8
White	97,735	90,532	85,349	84,954	88,741	-9.2	4.5	92,519	90,364	88,929	86,814	84,110	-9.1	-3.1
More than one race	6,985	6,923	6,908	7,369	8,285	18.6	12.4	6,257	6,455	6,947	7,154	7,286	16.4	1.8
Unknown race and ethnicity	7,568	6,805	7,390	8,008	9,796	29.4	22.3	6,516	6,419	6,833	7,183	8,317	27.6	15.8
Temporary visa holders	108,142	150,958	165,952	150,855	112,205	3.8	-25.6	106,330	109,534	116,007	122,179	124,524	17.1	1.9
Female	42,297	57,982	64,271	59,597	45,297	7.1	-24.0	39,648	41,464	44,519	47,435	48,743	22.9	2.8
Male	65,845	92,976	101,681	91,258	66,908	1.6	-26.7	66,682	68,070	71,488	74,744	75,781	13.6	1.4
First-time, full-time students	147,266	147,317	153,545	142,279	128,093	-13.0	-10.0	46,670	47,416	50,253	51,321	46,264	-0.9	-9.9
U.S. citizens and permanent residents[a]	82,441	72,404	75,236	81,016	86,733	5.2	7.1	27,515	26,758	27,049	27,565	26,349	-4.2	-4.4
Female	49,642	44,186	45,178	47,880	50,767	2.3	6.0	14,821	14,464	14,593	14,957	14,436	-2.6	-3.5

Table 1. Enrollment of master's students and doctoral students in science, engineering, and health, by enrollment intensity, sex, citizenship status, race, and ethnicity: 2021–25

(Number)

Characteristic	Master's students							Doctoral students						
						Percent change							Percent change	
	2021	2022	2023	2024	2025	2021–25	2024–25	2021	2022	2023	2024	2025	2021–25	2024–25
Male	32,799	28,218	30,058	33,136	35,966	9.7	8.5	12,694	12,294	12,456	12,608	11,913	-6.2	-5.5
Hispanic or Latino	12,193	10,881	11,666	13,114	13,804	13.2	5.3	3,669	3,579	3,677	3,677	3,523	-4.0	-4.2
Not Hispanic or Latino														
American Indian or Alaska Native	337	353	307	272	335	-0.6	23.2	85	108	86	98	71	-16.5	-27.6
Asian	11,187	10,072	10,810	12,331	13,698	22.4	11.1	3,329	3,384	3,532	3,759	3,626	8.9	-3.5
Black or African American	7,606	6,717	7,360	8,160	8,871	16.6	8.7	2,038	1,850	2,053	2,012	2,015	-1.1	0.1
Native Hawaiian or Other Pacific Islander	150	113	100	92	77	-48.7	-16.3	33	26	24	21	25	-24.2	19.0
White	44,446	38,316	38,430	39,634	41,335	-7.0	4.3	16,060	15,407	15,137	15,126	14,225	-11.4	-6.0
More than one race	3,293	3,141	3,207	3,558	4,126	25.3	16.0	1,195	1,276	1,392	1,381	1,309	9.5	-5.2
Unknown race and ethnicity	3,229	2,811	3,356	3,855	4,487	39.0	16.4	1,106	1,128	1,148	1,491	1,555	40.6	4.3
Temporary visa holders	64,825	74,913	78,309	61,263	41,360	-36.2	-32.5	19,155	20,658	23,204	23,756	19,915	4.0	-16.2
Female	24,757	29,001	30,131	24,683	16,973	-31.4	-31.2	7,451	8,253	9,296	9,450	7,910	6.2	-16.3
Male	40,068	45,912	48,178	36,580	24,387	-39.1	-33.3	11,704	12,405	13,908	14,306	12,005	2.6	-16.1

[a] Race and ethnicity data are available for U.S. citizens and permanent residents only. Hispanic or Latino may be any race; race categories exclude Hispanic origin.

Source(s):
National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering.