

TABLE 1-4b

**Ethnicity and race of U.S. citizen and permanent resident graduate students in science: 2000–22**

(Number and percent)

Year	Total	U.S. citizens and permanent residents															
		Hispanic or Latino		Not Hispanic or Latino										More than one race		Unknown ethnicity and race	
				American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White					
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
2000	234,000	14,185	6.1	1,394	0.6	16,839	7.2	17,857	7.6	945	0.4	166,486	71.1	399	0.2	15,895	6.8
2001	237,718	14,791	6.2	1,456	0.6	17,698	7.4	18,540	7.8	870	0.4	167,559	70.5	429	0.2	16,375	6.9
2002	247,842	16,173	6.5	1,490	0.6	19,160	7.7	19,594	7.9	770	0.3	172,576	69.6	330	0.1	17,749	7.2
2003	259,871	17,262	6.6	1,575	0.6	20,280	7.8	20,962	8.1	819	0.3	179,205	69.0	357	0.1	19,411	7.5
2004	265,643	18,048	6.8	1,575	0.6	20,007	7.5	21,225	8.0	926	0.3	181,615	68.4	437	0.2	21,810	8.2
2005	271,962	19,297	7.1	1,685	0.6	19,952	7.3	21,778	8.0	892	0.3	182,908	67.3	454	0.2	24,996	9.2
2006	275,905	19,759	7.2	1,822	0.7	20,182	7.3	22,092	8.0	818	0.3	184,700	66.9	448	0.2	26,084	9.5
2007old <sup>a</sup>	282,785	20,515	7.3	1,882	0.7	20,818	7.4	22,881	8.1	946	0.3	187,292	66.2	457	0.2	27,994	9.9
2007new <sup>a</sup>	293,792	21,176	7.2	1,972	0.7	21,261	7.2	23,862	8.1	998	0.3	194,875	66.3	464	0.2	29,184	9.9
2008	295,530	21,382	7.2	2,272	0.8	20,808	7.0	24,694	8.4	965	0.3	195,037	66.0	1,147	0.4	29,225	9.9
2009	303,700	22,047	7.3	2,205	0.7	21,976	7.2	25,801	8.5	976	0.3	200,047	65.9	1,950	0.6	28,698	9.4
2010	308,108	22,969	7.5	2,171	0.7	21,915	7.1	26,914	8.7	914	0.3	202,386	65.7	3,987	1.3	26,852	8.7
2011	312,846	24,889	8.0	2,075	0.7	23,000	7.4	28,129	9.0	842	0.3	205,437	65.7	4,865	1.6	23,609	7.5
2012	308,042	25,371	8.2	1,910	0.6	22,878	7.4	27,414	8.9	781	0.3	201,326	65.4	6,071	2.0	22,291	7.2
2013	305,563	26,585	8.7	1,939	0.6	23,108	7.6	27,199	8.9	752	0.2	198,105	64.8	6,575	2.2	21,300	7.0
2014old <sup>b</sup>	300,110	26,941	9.0	1,763	0.6	23,335	7.8	26,083	8.7	758	0.3	193,589	64.5	7,512	2.5	20,129	6.7
2014new <sup>b</sup>	308,499	28,605	9.3	1,826	0.6	24,039	7.8	26,768	8.7	784	0.3	198,185	64.2	7,697	2.5	20,595	6.7
2015	309,182	30,891	10.0	1,742	0.6	25,044	8.1	27,019	8.7	789	0.3	195,761	63.3	8,285	2.7	19,651	6.4
2016	306,710	32,616	10.6	1,615	0.5	25,772	8.4	26,890	8.8	747	0.2	191,941	62.6	8,690	2.8	18,439	6.0
2017old <sup>c</sup>	310,973	34,199	11.0	1,559	0.5	27,541	8.9	27,550	8.9	621	0.2	191,298	61.5	10,280	3.3	17,925	5.8
2017new <sup>c</sup>	281,057	30,383	10.8	1,347	0.5	26,028	9.3	22,557	8.0	487	0.2	174,801	62.2	9,434	3.4	16,020	5.7
2018	297,277	33,894	11.4	1,403	0.5	28,425	9.6	24,844	8.4	531	0.2	180,735	60.8	10,346	3.5	17,099	5.8
2019	312,368	38,193	12.2	1,526	0.5	31,482	10.1	26,450	8.5	542	0.2	186,405	59.7	10,902	3.5	16,868	5.4
2020	334,959	43,705	13.0	1,468	0.4	34,812	10.4	29,051	8.7	553	0.2	195,406	58.3	12,244	3.7	17,720	5.3
2021	353,449	48,343	13.7	1,443	0.4	39,413	11.2	31,021	8.8	561	0.2	201,768	57.1	13,468	3.8	17,432	4.9
2022	340,964	48,508	14.2	1,335	0.4	40,603	11.9	29,714	8.7	537	0.2	190,960	56.0	13,393	3.9	15,914	4.7
Master's students																	
2017new <sup>c</sup>	156,831	18,728	11.9	777	0.5	15,084	9.6	15,639	10.0	305	0.2	91,511	58.4	5,202	3.3	9,585	6.1
2018	171,049	21,203	12.4	823	0.5	16,933	9.9	17,560	10.3	350	0.2	97,081	56.8	5,915	3.5	11,184	6.5
2019	185,378	24,330	13.1	902	0.5	19,529	10.5	18,996	10.2	382	0.2	103,762	56.0	6,339	3.4	11,138	6.0
2020	204,677	28,849	14.1	851	0.4	22,270	10.9	21,126	10.3	403	0.2	112,534	55.0	7,293	3.6	11,351	5.5

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(Number and percent)

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		Number	Percent	American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White		Number	Percent	Number	Percent	Number	Percent
				Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent						
2021	219,843	32,387	14.7	845	0.4	25,795	11.7	22,257	10.1			410	0.2	118,785	54.0	8,022	3.6	11,342	5.2
2022	208,232	31,959	15.3	752	0.4	26,267	12.6	20,810	10.0			382	0.2	110,258	52.9	7,876	3.8	9,928	4.8
Doctoral students																			
2017new <sup>c</sup>	124,226	11,655	9.4	570	0.5	10,944	8.8	6,918	5.6			182	0.1	83,290	67.0	4,232	3.4	6,435	5.2
2018	126,228	12,691	10.1	580	0.5	11,492	9.1	7,284	5.8			181	0.1	83,654	66.3	4,431	3.5	5,915	4.7
2019	126,990	13,863	10.9	624	0.5	11,953	9.4	7,454	5.9			160	0.1	82,643	65.1	4,563	3.6	5,730	4.5
2020	130,282	14,856	11.4	617	0.5	12,542	9.6	7,925	6.1			150	0.1	82,872	63.6	4,951	3.8	6,369	4.9
2021	133,606	15,956	11.9	598	0.4	13,618	10.2	8,764	6.6			151	0.1	82,983	62.1	5,446	4.1	6,090	4.6
2022	132,732	16,549	12.5	583	0.4	14,336	10.8	8,904	6.7			155	0.1	80,702	60.8	5,517	4.2	5,986	4.5

<sup>a</sup> In 2007, eligible fields were reclassified, newly eligible fields were added, and the survey was redesigned to improve coverage and coding of eligible units. "2007new" presents data as collected in 2007; "2007old" shows data as they would have been collected in prior years. See appendix A in <https://www.nsf.gov/statistics/nsf10307/> for more detail.

<sup>b</sup> In 2014, the survey frame was updated following a comprehensive frame evaluation study. The study identified potentially eligible but not previously surveyed academic institutions in the United States with master's- or doctorate-granting programs in science, engineering, and health. A total of 151 newly eligible institutions were added, and two private for-profit institutions offering mostly practitioner-based graduate degrees were determined to be ineligible. For more information, see <https://www.nsf.gov/statistics/2016/nsf16314>.

<sup>c</sup> As part of the 2017 Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS) redesign, the GSS taxonomy was changed to align with the National Center for Science and Engineering Statistics (NCSES) Taxonomy of Disciplines (TOD), thus increasing comparability with other NCSES surveys. As a result, some eligible fields were reclassified and a small number of fields became fully or partially ineligible. Comparisons to prior years should use the 2017old estimates and should be limited to broad areas of study—detailed field comparisons are not recommended.

**Note(s):**

Percentages may not add to total because of rounding. Master's and doctoral students were not reported separately until 2017. Ethnicity and race data are available only for U.S. citizens and permanent residents.

**Source(s):**

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