

TABLE 1-4d

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

(Number and percent)

Year	Total	U.S. citizens and permanent residents															
		Hispanic or Latino		Not Hispanic or Latino								Unknown ethnicity and race					
		Number	Percent	American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White		More than one race		Number	Percent
				Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
2000	74,243	4,124	5.6	419	0.6	4,820	6.5	5,094	6.9	372	0.5	55,543	74.8	81	0.1	3,790	5.1
2001	74,129	4,355	5.9	453	0.6	5,061	6.8	5,616	7.6	390	0.5	54,353	73.3	87	0.1	3,814	5.1
2002	78,297	4,648	5.9	505	0.6	5,335	6.8	6,047	7.7	354	0.5	56,890	72.7	83	0.1	4,435	5.7
2003	84,924	5,443	6.4	520	0.6	6,010	7.1	7,068	8.3	359	0.4	60,567	71.3	70	0.1	4,887	5.8
2004	91,196	5,819	6.4	506	0.6	6,514	7.1	7,872	8.6	576	0.6	63,724	69.9	76	0.1	6,109	6.7
2005	96,217	5,922	6.2	527	0.5	6,885	7.2	8,299	8.6	305	0.3	66,500	69.1	101	0.1	7,678	8.0
2006	103,022	6,370	6.2	577	0.6	7,403	7.2	9,202	8.9	281	0.3	71,282	69.2	107	0.1	7,800	7.6
2007old ^a	97,109	6,078	6.3	609	0.6	6,790	7.0	8,369	8.6	327	0.3	66,874	68.9	119	0.1	7,943	8.2
2007new ^a	95,203	5,961	6.3	600	0.6	6,600	6.9	8,286	8.7	285	0.3	65,797	69.1	116	0.1	7,558	7.9
2008	93,669	5,550	5.9	668	0.7	6,223	6.6	8,367	8.9	305	0.3	64,366	68.7	237	0.3	7,953	8.5
2009	77,306	5,071	6.6	493	0.6	5,556	7.2	7,376	9.5	225	0.3	52,234	67.6	345	0.4	6,006	7.8
2010	68,089	4,766	7.0	384	0.6	5,043	7.4	7,105	10.4	266	0.4	44,737	65.7	827	1.2	4,961	7.3
2011	58,363	4,220	7.2	349	0.6	4,369	7.5	6,705	11.5	310	0.5	37,544	64.3	796	1.4	4,070	7.0
2012	58,354	4,452	7.6	319	0.5	4,419	7.6	7,002	12.0	256	0.4	37,003	63.4	1,136	1.9	3,767	6.5
2013	55,071	4,464	8.1	319	0.6	4,220	7.7	6,286	11.4	155	0.3	34,836	63.3	1,145	2.1	3,646	6.6
2014old ^b	55,755	4,600	8.3	272	0.5	4,472	8.0	6,399	11.5	121	0.2	35,094	62.9	1,304	2.3	3,493	6.3
2014new ^b	56,797	4,749	8.4	273	0.5	4,519	8.0	5,798	10.2	120	0.2	36,182	63.7	1,314	2.3	3,842	6.8
2015	59,322	5,370	9.1	294	0.5	5,048	8.5	6,457	10.9	113	0.2	36,715	61.9	1,491	2.5	3,834	6.5
2016	56,390	5,593	9.9	287	0.5	4,826	8.6	6,034	10.7	129	0.2	34,754	61.6	1,509	2.7	3,258	5.8
2017old ^c	59,521	6,628	11.1	284	0.5	5,313	8.9	6,362	10.7	120	0.2	35,541	59.7	1,792	3.0	3,481	5.8
2017new ^c	60,264	6,701	11.1	295	0.5	5,534	9.2	6,350	10.5	130	0.2	35,864	59.5	1,840	3.1	3,550	5.9
2018	64,534	7,251	11.2	318	0.5	6,019	9.3	7,064	10.9	124	0.2	37,553	58.2	2,058	3.2	4,147	6.4
2019	64,154	7,631	11.9	309	0.5	5,972	9.3	7,378	11.5	107	0.2	37,248	58.1	1,938	3.0	3,571	5.6
2020	67,689	9,330	13.8	335	0.5	6,262	9.3	8,282	12.2	124	0.2	37,802	55.8	2,192	3.2	3,362	5.0
2021	73,483	10,010	13.6	376	0.5	7,378	10.0	9,434	12.8	133	0.2	40,262	54.8	2,525	3.4	3,365	4.6
2022	74,061	10,484	14.2	408	0.6	7,555	10.2	9,550	12.9	121	0.2	39,709	53.6	2,508	3.4	3,726	5.0
Master's students																	
2017new ^c	48,595	5,764	11.9	225	0.5	4,593	9.5	5,122	10.5	107	0.2	28,239	58.1	1,495	3.1	3,050	6.3
2018	52,428	6,284	12.0	256	0.5	4,866	9.3	5,700	10.9	102	0.2	29,936	57.1	1,686	3.2	3,598	6.9
2019	52,119	6,601	12.7	257	0.5	4,763	9.1	5,894	11.3	91	0.2	29,953	57.5	1,582	3.0	2,978	5.7
2020	55,985	8,197	14.6	273	0.5	5,177	9.2	6,764	12.1	104	0.2	30,773	55.0	1,827	3.3	2,870	5.1

TABLE 1-4d

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

(Number and percent)

Year	Total	U.S. citizens and permanent residents														Unknown ethnicity and race	
		Hispanic or Latino		Not Hispanic or Latino								More than one race					
		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				
2021	60,779	8,682	14.3	306	0.5	6,127	10.1	7,731	12.7	117	0.2	32,836	54.0	2,124	3.5	2,856	4.7
2022	60,170	8,965	14.9	326	0.5	6,223	10.3	7,605	12.6	105	0.2	31,780	52.8	2,066	3.4	3,100	5.2
Doctoral students																	
2017new ^c	11,669	937	8.0	70	0.6	941	8.1	1,228	10.5	23	0.2	7,625	65.3	345	3.0	500	4.3
2018	12,106	967	8.0	62	0.5	1,153	9.5	1,364	11.3	22	0.2	7,617	62.9	372	3.1	549	4.5
2019	12,035	1,030	8.6	52	0.4	1,209	10.0	1,484	12.3	16	0.1	7,295	60.6	356	3.0	593	4.9
2020	11,704	1,133	9.7	62	0.5	1,085	9.3	1,518	13.0	20	0.2	7,029	60.1	365	3.1	492	4.2
2021	12,704	1,328	10.5	70	0.6	1,251	9.8	1,703	13.4	16	0.1	7,426	58.5	401	3.2	509	4.0
2022	13,891	1,519	10.9	82	0.6	1,332	9.6	1,945	14.0	16	0.1	7,929	57.1	442	3.2	626	4.5

^a 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.

^b 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>.

^c 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. Graduate student data in this table include master's students in health sciences. For more information on the comparability of these counts to other NCSES published data, see the "Technical Notes."

Source(s):

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