2023 Fall Applicant, Matriculant, and Enrollment Data Tables

Data as of November 15, 2023

U.S. Medical School First-Time Applicants, 2013-2023

Year	Total	Percent Change from Prior Year
2013	35,668	+5.8%
2014	36,625	+2.7%
2015	38,396	+4.8%
2016	38,781	+1.0%
2017	37,364	-3.7%
2018	38,483	+3.0%
2019	39,237	+2.0%
2020	38,581	-1.7%
2021	46,757	+21.2%
2022	38,721	-17.2%
2023	37,726	-2.6%

Note: In 2016, the methodology for calculating first-time applicants was updated. Rather than defining a first-time applicant as any applicant who had not applied in the past nine years, the definition now includes any applicant who has never applied to medical school since the start of AMCAS. The years displayed in this table were updated to reflect the new methodology. Due to these changes, tables published prior to 2016 may display different first-time applicant data.

U.S. Medical School First-Time Applicants by Gender, 2013-2023

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2013	18,643	+4.9%	17,022	+6.9%
2014	19,031	+2.1%	17,588	+3.3%
2015	19,688	+3.5%	18,697	+6.3%
2016	19,090	-3.0%	19,682	+5.3%
2017	18,072	-5.3%	19,272	-2.1%
2018	18,220	+0.8%	20,247	+5.1%
2019	17,964	-1.4%	21,249	+4.9%
2020	17,101	-4.8%	21,422	+0.8%
2021	19,422	+13.6%	27,288	+27.4%
2022	16,210	-16.5%	22,449	-17.7%
2023	15,907	-1.9%	21,651	-3.6%

Note: In 2016, the methodology for calculating first-time applicants was updated. Rather than defining a first-time applicant as any applicant who had not applied in the past nine years, the definition now includes any applicant who has never applied to medical school since the start of AMCAS. The years displayed in this table were updated to reflect the new methodology. Due to these changes, tables published prior to 2016 may display different first-time applicant data. First-time applicants who selected "Another Gender Identity" or declined to report gender are not reflected. In 2023, 131 (0.3%) first-time applicants selected "Another Gender Identity" and 37 (0.1%) first-time applicants declined to report gender.

U.S. Medical School Total Applicants, 2013-2023

Year	Total	Percent Change from Prior Year
2013	48,014	+6.1%
2014	49,480	+3.1%
2015	52,549	+6.2%
2016	53,042	+0.9%
2017	51,680	-2.6%
2018	52,777	+2.1%
2019	53,370	+1.1%
2020	53,030	-0.6%
2021	62,443	+17.8%
2022	55,189	-11.6%
2023	52,577	-4.7%

Source: AAMC Applicant Matriculant Data File as of 10/23/2023

U.S. Medical School Total Applicants by Gender, 2013-2023

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2013	25,760	+5.8%	22,250	+6.3%
2014	26,455	+2.7%	23,019	+3.5%
2015	27,927	+5.6%	24,608	+6.9%
2016	27,250	-2.4%	25,779	+4.8%
2017	26,058	-4.4%	25,600	-0.7%
2018	25,875	-0.7%	26,882	+5.0%
2019	25,494	-1.5%	27,847	+3.6%
2020	24,620	-3.4%	28,343	+1.8%
2021	26,948	+9.5%	35,438	+25.0%
2022	23,924	-11.2%	31,191	-12.0%
2023	22,574	-5.6%	29,763	-4.6%

Note: Applicants who selected "Another Gender Identity" or declined to report gender are not reflected. In 2023, 193 (0.4%) applicants selected "Another Gender Identity," and 47 (0.1%) applicants declined to report gender.

Source: AAMC Applicant Matriculant Data File as of 10/23/2023

U.S. Medical School Applicants, 2016-2023
Race/Ethnicity Self-Identification Counts
With an Applicant Able to Appear in
More than One Race/Ethnicity Category

Applicants	Year								Percent Change from 2022 to 2023
	2016*	2017	2018	2019	2020	2021	2022	2023	
American Indian or Alaska Native	553	508	559	586	561	689	563	583	+3.6%
Asian	12,591	12,072	12,812	12,779	13,018	15,588	14,752	14,553	-1.3%
Black or African American	4,998	4,967	5,164	5,193	5,197	7,331	5,922	5,665	-4.3%
Hispanic, Latino, or of Spanish Origin	5,421	5,553	5,576	5,857	5,820	7,281	6,247	6,107	-2.3%
Native Hawaiian or Other Pacific Islander	173	184	189	232	214	256	222	246	+10.8%
White	29,397	27,626	28,625	27,794	27,235	31,028	27,818	26,020	-6.5%
Other Race/Ethnicity	2,094	1,983	2,164	2,164	2,311	2,800	2,485	2,351	-5.4%
Unknown Race/Ethnicity	910	1,817	1,013	2,641	2,644	2,440	1,777	1,692	-4.8%
Non-U.S. Citizen or Non-Permanent Resident	2,053	1,917	1,948	1,890	1,844	2,309	1,959	1,886	-3.7%
Total Unduplicated Applicants	53,042	51,680	52,777	53,370	53,030	62,443	55,189	52,577	-4.7%

*During the 2016 application cycle, a technical malfunction in the collection of race/ethnicity data necessitated a request that applicants review and re-submit responses to the race/ethnicity question in their AMCAS applications. No applicants were asked to review this question prior to or after 2016.

Note: Data in each column may sum to more than the Total Applicants, as applicants could select more than one response option.

Source: AAMC Applicant Matriculant Data File as of 10/23/2023

U.S. Medical School Applicants, 2016-2023 Race/Ethnicity Self-Identification Percentages With an Applicant Able to Appear in More than One Race/Ethnicity Category

Applicants	Year							
	2016*	2017	2018	2019	2020	2021	2022	2023
American Indian or Alaska Native	1.0%	1.0%	1.1%	1.1%	1.1%	1.1%	1.0%	1.1%
Asian	23.7%	23.4%	24.3%	23.9%	24.5%	25.0%	26.7%	27.7%
Black or African American	9.4%	9.6%	9.8%	9.7%	9.8%	11.7%	10.7%	10.8%
Hispanic, Latino, or of Spanish Origin	10.2%	10.7%	10.6%	11.0%	11.0%	11.7%	11.3%	11.6%
Native Hawaiian or Other Pacific Islander	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%
White	55.4%	53.5%	54.2%	52.1%	51.4%	49.7%	50.4%	49.5%
Other Race/Ethnicity	3.9%	3.8%	4.1%	4.1%	4.4%	4.5%	4.5%	4.5%
Unknown Race/Ethnicity	1.7%	3.5%	1.9%	4.9%	5.0%	3.9%	3.2%	3.2%
Non-U.S. Citizen or Non-Permanent Resident	3.9%	3.7%	3.7%	3.5%	3.5%	3.7%	3.5%	3.6%
Total Unduplicated Applicant Count	53,042	51,680	52,777	53,370	53,030	62,443	55,189	52,577

*During the 2016 application cycle, a technical malfunction in the collection of race/ethnicity data necessitated a request that applicants review and re-submit responses to the race/ethnicity question in their AMCAS applications. No applicants were asked to review this question prior to or after 2016.

Note: Data in each column may sum to more than 100%, as applicants could select more than one response option.

Source: AAMC Applicant Matriculant Data File as of 10/23/2023

U.S. Medical School Total Acceptees, 2013-2023

Year	Total	Percent Change from Prior Year
2013	21,070	+2.9%
2014	21,355	+1.4%
2015	21,647	+1.4%
2016	22,036	+1.8%
2017	22,266	+1.0%
2018	22,483	+1.0%
2019	22,687	+0.9%
2020	23,105	+1.8%
2021	23,711	+2.6%
2022	23,810	+0.4%
2023	24,014	+0.9%

Source: AAMC Applicant Matriculant Data File as of 10/23/2023

U.S. Medical School Acceptees by Gender, 2013-2023

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2013	11,093	+1.2%	9,977	+4.9%
2014	11,161	+0.6%	10,194	+2.2%
2015	11,271	+1.0%	10,372	+1.7%
2016	11,091	-1.6%	10,940	+5.5%
2017	10,966	-1.1%	11,287	+3.2%
2018	10,864	-0.9%	11,611	+2.9%
2019	10,787	-0.7%	11,893	+2.4%
2020	10,644	-1.3%	12,417	+4.4%
2021	10,537	-1.0%	13,152	+5.9%
2022	10,520	-0.2%	13,268	+0.9%
2023	10,609	+0.8%	13,298	+0.2%

Note: Acceptees who selected "Another Gender Identity" or declined to report gender are not reflected. In 2023, 90 (0.4%) acceptees selected "Another Gender Identity," and 17 (0.7%) acceptees declined to report gender.

Source: AAMC Applicant Matriculant Data File as of 10/23/2023

U.S. Medical School Matriculants, 2013-2023

Year	Total	Percent Change from Prior Year
2013	20,055	+2.8%
2014	20,343	+1.4%
2015	20,631	+1.4%
2016	21,030	+1.9%
2017	21,338	+1.5%
2018	21,622	+1.3%
2019	21,869	+1.1%
2020	22,239	+1.7%
2021	22,666	+1.9%
2022	22,710	+0.2%
2023	22,981	+1.2%

Source: AAMC Applicant Matriculant Data File as of 10/23/2023

U.S. Medical School Matriculants by Gender, 2013-2023

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2013	10,588	+1.3%	9,467	+4.4%
2014	10,625	+0.3%	9,718	+2.7%
2015	10,766	+1.3%	9,861	+1.5%
2016	10,551	-2.0%	10,474	+6.2%
2017	10,516	-0.3%	10,810	+3.2%
2018	10,454	-0.6%	11,160	+3.2%
2019	10,402	-0.5%	11,461	+2.7%
2020	10,271	-1.3%	11,926	+4.1%
2021	10,057	-2.1%	12,590	+5.6%
2022	10,060	0.0%	12,630	+0.3%
2023	10,160	+1.0%	12,724	+0.7%

Note: Matriculants who selected "Another Gender Identity" or declined to report gender are not reflected. In 2023, 82 (0.4%) matriculants selected "Another Gender Identity," and 15 (0.1%) matriculants declined to report gender.

Source: AAMC Applicant Matriculant Data File as of 10/23/2023

Association of
American Medical Colleges

U.S. Medical School Matriculants, 2016-2023
Race/Ethnicity Self-Identification Counts
With a Matriculant Able to Appear in
More than One Race/Ethnicity Category

Matriculants	Year								Percent Change from 2022 to 2023
	2016*	2017	2018	2019	2020	2021	2022	2023	
American Indian or Alaska Native	194	205	218	230	248	227	225	258	+14.7%
Asian	5,121	5,166	5,486	5,431	5,543	6,004	6,524	6,758	+3.6%
Black or African American	1,771	1,775	1,856	1,916	2,117	2,562	2,308	2,305	-0.1%
Hispanic, Latino, or of Spanish Origin	2,203	2,295	2,319	2,466	2,678	2,869	2,784	2,910	+4.5%
Native Hawaiian or Other Pacific Islander	65	68	75	95	80	85	101	94	-6.9%
White	12,363	12,138	12,481	12,042	11,874	11,682	11,800	11,775	-0.2%
Other Race/Ethnicity	710	697	727	717	850	884	920	893	-2.9%
Unknown Race/Ethnicity	341	765	394	1,073	1,094	798	641	657	+2.5%
Non-U.S. Citizen or Non-Permanent Resident	269	275	280	272	276	328	314	287	-8.6%
Total Unduplicated Matriculants	21,030	21,338	21,622	21,869	22,239	22,666	22,710	22,981	+1.2%

*During the 2016 application cycle, a technical malfunction in the collection of race/ethnicity data necessitated a request that applicants review and re-submit responses to the race/ethnicity question in their AMCAS applications. No applicants were asked to review this question prior to or after 2016.

Note: Data in each column may sum to more than the Total Matriculants, as matriculants could select more than one response option.

Source: AAMC Applicant Matriculant Data File as of 10/23/2023

Association of
American Medical Colleges

U.S. Medical School Matriculants, 2016-2023
Race/Ethnicity Self-Identification Percentage
With a Matriculant Able to Appear in
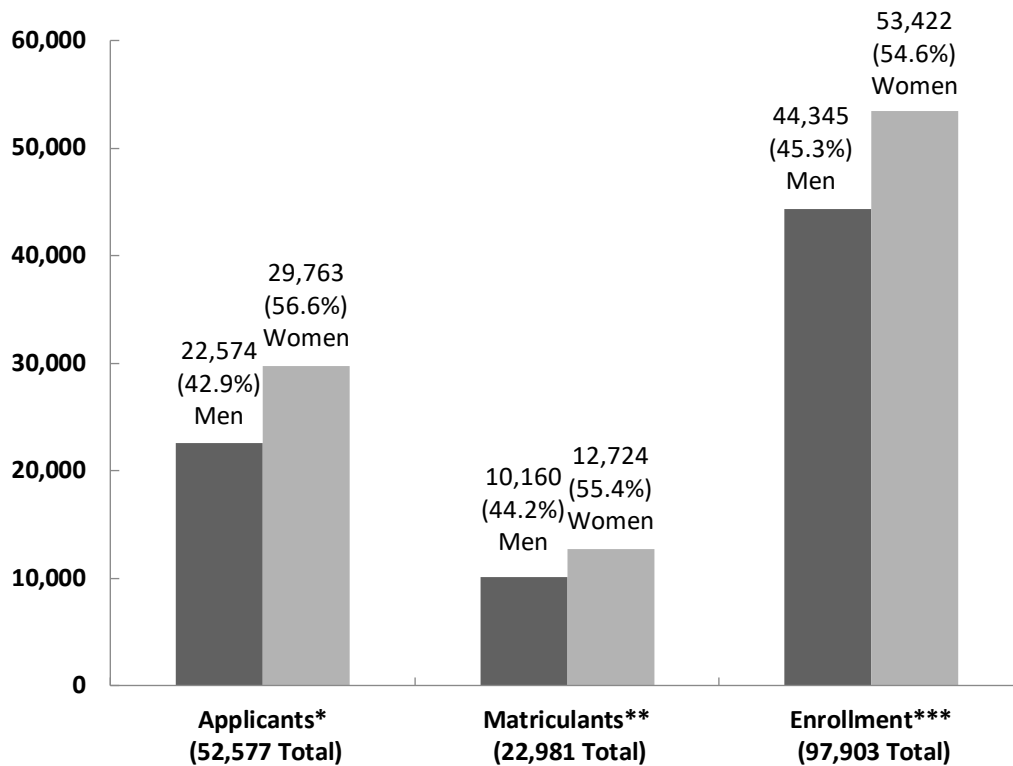# More than One Race/Ethnicity Category

Matriculants	Year							
	2016*	2017	2018	2019	2020	2021	2022	2023
American Indian or Alaska Native	0.9%	1.0%	1.0%	1.1%	1.1%	1.0%	1.0%	1.1%
Asian	24.4%	24.2%	25.4%	24.8%	24.9%	26.5%	28.7%	29.4%
Black or African American	8.4%	8.3%	8.6%	8.8%	9.5%	11.3%	10.2%	10.0%
Hispanic, Latino, or of Spanish Origin	10.5%	10.8%	10.7%	11.3%	12.0%	12.7%	12.3%	12.7%
Native Hawaiian or Other Pacific Islander	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%
White	58.8%	56.9%	57.7%	55.1%	53.4%	51.5%	52.0%	51.2%
Other Race/Ethnicity	3.4%	3.3%	3.4%	3.3%	3.8%	3.9%	4.1%	3.9%
Unknown Race/Ethnicity	1.6%	3.6%	1.8%	4.9%	4.9%	3.5%	2.8%	2.9%
Non-U.S. Citizen or Non-Permanent Resident	1.3%	1.3%	1.3%	1.2%	1.2%	1.4%	1.4%	1.2%
Total Unduplicated Matriculant Count	21,030	21,338	21,622	21,869	22,239	22,666	22,710	22,981

*During the 2016 application cycle, a technical malfunction in the collection of race/ethnicity data necessitated a request that applicants review and re-submit responses to the race/ethnicity question in their AMCAS applications. No applicants were asked to review this question prior to or after 2016.

Note: Data in each column may sum to more than 100%, as matriculants could select more than one response option.

Source: AAMC Applicant Matriculant Data File as of 10/23/2023

Applicants, Matriculants, and Enrollment to U.S. Medical Schools by Gender, 2023

*The applicant number includes 193 (0.4%) applicants who reported "Another Gender Identity" and 47 (0.1%) of unknown gender.

** The matriculant number includes 82 (0.4%) matriculants who reported "Another Gender Identity" and 15 (0.1%) of unknown gender.

*** The enrollment number includes 82 (0.01%) enrollees who reported "Another Gender Identity" and 54 (0.01%) enrollees of unknown gender.

Note: Enrollment includes the number of students in medical school, including students on a leave of absence, on October 31. Enrollment does not include students with graduated, dismissed, withdrawn, deceased, never enrolled, completed fifth pathway, did not complete fifth pathway, or degree revoked statuses.

Source: AAMC Applicant Matriculant Data File and AAMC Student Records System as of 11/6/2023

U.S. Medical School Enrollment, 2013-2023

Year	Total	Percent Change from Prior Year
2013	83,351	+1.7%
2014	85,122	+2.1%
2015	86,583	+1.7%
2016	88,177	+1.8%
2017	89,729	+1.8%
2018	91,221	+1.7%
2019	92,626	+1.5%
2020	94,074	+1.6%
2021	95,347	+1.4%
2022	96,405	+1.1%
2023	97,903	+1.6%

Note: Enrollment includes the number of students in medical school, including students on a leave of absence, on October 31 of each year shown. Enrollment does not include students with graduated, dismissed, withdrawn, deceased, never enrolled, completed fifth pathway, did not complete fifth pathway, or degree revoked statuses.

Source: AAMC Student Records System as of 11/6/2023

U.S. Medical School Enrollment
by Gender, 2013-2023

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2013	44,459	+2.1%	38,892	+1.4%
2014	45,298	+1.9%	39,824	+2.4%
2015	46,014	+1.6%	40,569	+1.9%
2016	46,143	+0.3%	42,034	+3.6%
2017	46,239	+0.2%	43,490	+3.5%
2018	46,051	-0.4%	45,170	+3.9%
2019	45,783	-0.6%	46,842	+3.7%
2020	45,589	-0.4%	48,480	+3.5%
2021	45,036	-1.2%	50,291	+3.7%
2022	44,512	-1.2%	51,853	+3.1%
2023	44,345	-0.4%	53,422	+3.0%

Notes: Enrollment includes the number of students in medical school, including students on a leave of absence, on October 31 of each year shown. Enrollment does not include students with graduated, dismissed, withdrawn, deceased, never enrolled, completed fifth pathway, did not complete fifth pathway, or degree revoked statuses. Students who reported "Another Gender Identity" or declined to report gender are not reflected. In 2023, 82 (0.01%) students selected "Another Gender Identity," and 54 (0.01%) students declined to report gender.

U.S. Medical School Enrollment, 2016-2023
Race/Ethnicity Self-Identification Counts
With an Enrollee Able to Appear in
More than One Race/Ethnicity Category

Enrollment	Year								Percent Change from 2022 to 2023
	2016	2017	2018	2019	2020	2021	2022	2023	
American Indian or Alaska Native	737	751	790	823	922	980	1,009	1,045	+3.6%
Asian	21,877	22,670	23,549	24,379	25,071	25,851	26,942	28,104	+4.3%
Black or African American	6,682	7,093	7,562	7,884	8,353	9,151	9,637	10,133	+5.1%
Hispanic, Latino, or of Spanish Origin	8,408	8,894	9,309	9,878	10,521	11,125	11,630	12,172	+4.7%
Native Hawaiian or Other Pacific Islander	263	276	297	313	336	349	371	380	+2.4%
White	53,496	53,567	53,650	53,693	53,558	53,017	52,313	52,026	-0.5%
Other Race/Ethnicity	2,971	3,182	3,451	3,705	3,834	3,896	3,951	3,740	-5.3%
Unknown Race/Ethnicity	248	246	232	296	482	629	725	793	+9.4%
Non-U.S. Citizen or Non-Permanent Resident	1,324	1,327	1,325	1,295	1,288	1,337	1,373	1,392	+1.4%
Total Unduplicated Enrollment	88,177	89,729	91,221	92,626	94,074	95,347	96,405	97,903	+1.6%

Notes: Enrollment includes the number of students in medical school, including students on a leave of absence, on October 31 of each year shown. Enrollment does not include students with graduated, dismissed, withdrawn, deceased, never enrolled, completed fifth pathway, did not complete fifth pathway, or degree revoked statuses. Data in each column may sum to more than the Total Unduplicated Enrollment, as enrollees could select more than one response option.

U.S. Medical School Enrollment, 2016-2023
Race/Ethnicity Self-Identification Percentage
With an Enrollee Able to Appear in
More than One Race/Ethnicity Category

Enrollment	Year							
	2016	2017	2018	2019	2020	2021	2022	2023
American Indian or Alaska Native	0.8%	0.8%	0.9%	0.9%	1.0%	1.0%	1.0%	1.1%
Asian	24.8%	25.3%	25.8%	26.3%	26.7%	27.1%	27.9%	28.7%
Black or African American	7.6%	7.9%	8.3%	8.5%	8.9%	9.6%	10.0%	10.4%
Hispanic, Latino, or of Spanish Origin	9.5%	9.9%	10.2%	10.7%	11.2%	11.7%	12.1%	12.4%
Native Hawaiian or Other Pacific Islander	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%
White	60.7%	59.7%	58.8%	58.0%	56.9%	55.6%	54.3%	53.1%
Other Race/Ethnicity	3.4%	3.5%	3.8%	4.0%	4.1%	4.1%	4.1%	3.8%
Unknown Race/Ethnicity	0.3%	0.3%	0.3%	0.3%	0.5%	0.7%	0.8%	0.8%
Non-U.S. Citizen or Non-Permanent Resident	1.5%	1.5%	1.5%	1.4%	1.4%	1.4%	1.4%	1.4%
Total Unduplicated Enrollment Count	88,177	89,729	91,221	92,626	94,074	95,347	96,405	97,903

Notes: Enrollment includes the number of students in medical school, including students on a leave of absence, on October 31 of each year shown. Enrollment does not include students with graduated, dismissed, withdrawn, deceased, never enrolled, completed fifth pathway, did not complete fifth pathway, or degree revoked statuses. Data in each column may sum to more than 100%, as enrollees could select more than one response option.

Source: AAMC Student Records System as of 11/9/2023