



Tomorrow's Doctors, Tomorrow's Cures®

2021 Fall Applicant, Matriculant, and Enrollment Data Tables

December 2021

U.S. Medical School First-Time Applicants, 2011-2021

Year	Total	Percent Change from Prior Year
2011	32,587	+2.6%
2012	33,711	+3.4%
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	46,758	+21.2%

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 are updated to reflect the new methodology. Due to these changes, tables published prior to 2016 may display different first-time applicant data.

Source: AAMC Applicant Matriculant Data File as of 11/8/2021

U.S. Medical School First-Time Applicants by Sex, 2011-2021

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2011	16,671	+2.0%	15,913	+3.2%
2012	17,776	+6.6%	15,929	+0.1%
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	19,423	+13.6%	27,288	+27.4%

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 are 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 declined to report sex are not reflected.

Source: AAMC Applicant Matriculant Data File as of 11/8/2021

U.S. Medical School Total Applicants, 2002-2021

Year	Total	Percent Change from Prior Year	Percent Change from 2002*
2002	33,623	-3.5%	-
2003	34,791	+3.5%	+3.5%
2004	35,735	+2.7%	+6.3%
2005	37,371	+4.6%	+11.1%
2006	39,108	+4.6%	+16.3%
2007	42,315	+8.2%	+25.9%
2008	42,231	-0.2%	+25.6%
2009	42,268	+0.1%	+25.7%
2010	42,741	+1.1%	+27.1%
2011	43,919	+2.8%	+30.6%
2012	45,266	+3.1%	+34.6%
2013	48,014	+6.1%	+42.8%
2014	49,480	+3.1%	+47.2%
2015	52,549	+6.2%	+56.3%
2016	53,042	+0.9%	+57.8%
2017	51,680	-2.6%	+53.7%
2018	52,777	+2.1%	+57.0%
2019	53,370	+1.1%	+58.7%
2020	53,030	-0.6%	+57.7%
2021	62,443	+17.8%	+85.7%

*The year 2002 represents the baseline year used to calculate medical school enrollment increases that the AAMC called for in 2006.

Source: AAMC Applicant Matriculant Data File as of 11/8/2021

U.S. Medical School Total Applicants by Sex, 2011-2021

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2011	23,135	+2.7%	20,780	+2.8%
2012	24,338	+5.2%	20,922	+0.7%
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%

Note: Applicants who declined to report sex are not reflected.

Source: AAMC Applicant Matriculant Data File as of 11/8/2021

U.S. Medical School Applicants, 2014-2021 Race/Ethnicity Self-Identification Counts With an Applicant Able to Appear in More than One Race/Ethnicity Category

Applicants	Year								Percent Change from 2020 to 2021
	2014	2015	2016*	2017	2018	2019	2020	2021	
American Indian or Alaska Native	449	463	553	508	559	586	561	689	+22.8%
Asian	10,415	11,454	12,591	12,072	12,812	12,779	13,018	15,588	+19.7%
Black or African American	3,990	4,661	4,998	4,967	5,164	5,193	5,197	7,331	+41.1%
Hispanic, Latino, or of Spanish Origin	4,386	4,839	5,421	5,553	5,576	5,857	5,820	7,281	+25.1%
Native Hawaiian or Other Pacific Islander	177	192	173	184	189	232	214	256	+19.6%
White	26,800	28,025	29,397	27,626	28,625	27,794	27,235	31,028	+13.9%
Other Race/Ethnicity	2,276	2,345	2,094	1,983	2,164	2,164	2,311	2,800	+21.2%
Unknown Race/Ethnicity	2,698	2,438	910	1,817	1,013	2,641	2,644	2,440	-7.7%
Non-U.S. Citizen or Non-Permanent Resident	1,901	2,099	2,053	1,917	1,948	1,890	1,844	2,309	+25.2%
Total Applicants	49,480	52,549	53,042	51,680	52,777	53,370	53,030	62,443	+17.8%

*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 11/8/2021

**U.S. Medical School Applicants, 2014-2021
Race/Ethnicity Self-Identification Percentages
With an Applicant Able to Appear in
More than One Race/Ethnicity Category**

Applicants	Year							
	2014	2015	2016*	2017	2018	2019	2020	2021
American Indian or Alaska Native	0.9%	0.9%	1.0%	1.0%	1.1%	1.1%	1.1%	1.1%
Asian	21%	21.8%	23.7%	23.4%	24.3%	23.9%	24.5%	25.0%
Black or African American	8.1%	8.9%	9.4%	9.6%	9.8%	9.7%	9.8%	11.7%
Hispanic, Latino, or of Spanish Origin	8.9%	9.2%	10.2%	10.7%	10.6%	11.0%	11.0%	11.7%
Native Hawaiian or Other Pacific Islander	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%
White	54.2%	53.3%	55.4%	53.5%	54.2%	52.1%	51.4%	49.7%
Other Race/Ethnicity	4.6%	4.5%	3.9%	3.8%	4.1%	4.1%	4.4%	4.5%
Unknown Race/Ethnicity	5.5%	4.6%	1.7%	3.5%	1.9%	4.9%	5.0%	3.9%
Non-U.S. Citizen or Non-Permanent Resident	3.8%	4.0%	3.9%	3.7%	3.7%	3.5%	3.5%	3.7%
Total Unduplicated Applicant Count	49,480	52,549	53,042	51,680	52,777	53,370	53,030	62,443

*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 11/8/2021

U.S. Medical School Total Acceptees, 2002-2021

Year	Total	Percent Change from Prior Year	Percent Change from 2002*
2002	17,592	+0.8%	-
2003	17,542	-0.3%	-0.3%
2004	17,662	+0.7%	+0.4%
2005	17,986	+1.8%	+2.2%
2006	18,418	+2.4%	+4.7%
2007	18,858	+2.4%	+7.2%
2008	19,135	+1.5%	+8.8%
2009	19,331	+1.0%	+9.9%
2010	19,641	+1.6%	+11.6%
2011	20,176	+2.7%	+14.7%
2012	20,479	+1.5%	+16.4%
2013	21,070	+2.9%	+19.8%
2014	21,355	+1.4%	+21.4%
2015	21,647	+1.4%	+23.1%
2016	22,036	+1.8%	+25.3%
2017	22,266	+1.0%	+26.6%
2018	22,483	+1.0%	+27.8%
2019	22,687	+0.9%	+29.0%
2020	23,105	+1.8%	+31.3%
2021	23,711	+2.6%	+34.8%

*The year 2002 represents the baseline year used to calculate medical school enrollment increases that the AAMC called for in 2006.

Source: AAMC Applicant Matriculant Data File as of 11/8/2021

U.S. Medical School Acceptees by Sex, 2011-2021

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2011	10,681	+2.7%	9,495	+2.8%
2012	10,964	+2.6%	9,514	+0.2%
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%

Source: AAMC Applicant Matriculant Data File as of 11/8/2021

U.S. Medical School Matriculants, 2002-2021

Year	Total	Percent Change from Prior Year	Percent Change from 2002*
2002	16,488	+0.8%	-
2003	16,541	+0.3%	+0.3%
2004	16,648	+0.6%	+1.0%
2005	17,003	+2.1%	+3.1%
2006	17,361	+2.1%	+5.3%
2007	17,759	+2.3%	+7.7%
2008	18,036	+1.6%	+9.4%
2009	18,390	+2.0%	+11.5%
2010	18,665	+1.5%	+13.2%
2011	19,230	+3.0%	+16.6%
2012	19,517	+1.5%	+18.4%
2013	20,055	+2.8%	+21.6%
2014	20,343	+1.4%	+23.4%
2015	20,631	+1.4%	+25.1%
2016	21,030	+1.9%	+27.5%
2017	21,338	+1.5%	+29.4%
2018	21,622	+1.3%	+31.1%
2019	21,869	+1.1%	+32.6%
2020	22,239	+1.7%	+34.9%
2021	22,666	+1.9%	+37.5%

*The year 2002 represents the baseline year used to calculate medical school enrollment increases that the AAMC called for in 2006.

Source: AAMC Applicant Matriculant Data File as of 11/16/2021

U.S. Medical School Matriculants by Sex, 2011-2021

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2011	10,193	+2.9%	9,037	+3.2%
2012	10,453	+2.6%	9,064	+0.3%
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%

Note: Matriculants who declined to report sex are not reflected.

Source: AAMC Applicant Matriculant Data File as of 11/16/2021

**U.S. Medical School Matriculants, 2014-2021
Race/Ethnicity Self-Identification Counts
With a Matriculant Able to Appear in
More than One Race/Ethnicity Category**

Matriculants	Year								Percent Change from 2020 to 2021
	2014	2015	2016*	2017	2018	2019	2020	2021	
American Indian or Alaska Native	202	196	194	205	218	230	248	227	-8.5%
Asian	4,320	4,619	5,121	5,166	5,486	5,431	5,543	6,004	+8.3%
Black or African American	1,412	1,576	1,771	1,775	1,856	1,916	2,117	2,562	+21.0%
Hispanic, Latino, or of Spanish Origin	1,859	1,988	2,203	2,295	2,319	2,466	2,678	2,869	+7.1%
Native Hawaiian or Other Pacific Islander	70	69	65	68	75	95	80	85	+6.3%
White	11,787	11,769	12,363	12,138	12,481	12,042	11,874	11,682	-1.6%
Other Race/Ethnicity	747	713	710	697	727	717	850	884	+4.0%
Unknown Race/Ethnicity	1,151	938	341	765	394	1,073	1,094	798	-27.1%
Non-U.S. Citizen or Non-Permanent Resident	300	329	269	275	280	272	276	328	+18.8%
Total Unduplicated Matriculants	20,343	20,631	21,030	21,338	21,622	21,869	22,239	22,666	+1.9%

*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 11/16/2021

**U.S. Medical School Matriculants, 2014-2021
Race/Ethnicity Self-Identification Percentage
With a Matriculant Able to Appear in
More than One Race/Ethnicity Category**

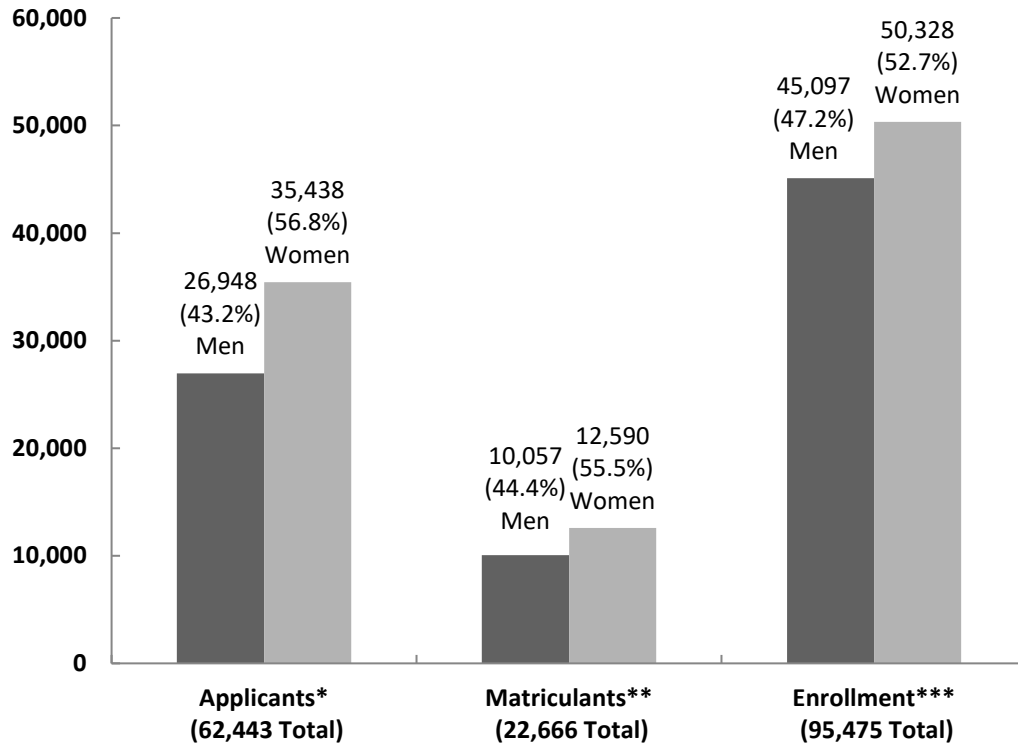
Matriculants	Year							
	2014	2015	2016*	2017	2018	2019	2020	2021
American Indian or Alaska Native	1.0%	1.0%	0.9%	1.0%	1.0%	1.1%	1.1%	1.0%
Asian	21.2%	22.4%	24.4%	24.2%	25.4%	24.8%	24.9%	26.5%
Black or African American	6.9%	7.6%	8.4%	8.3%	8.6%	8.8%	9.5%	11.3%
Hispanic, Latino, or of Spanish Origin	9.1%	9.6%	10.5%	10.8%	10.7%	11.3%	12.0%	12.7%
Native Hawaiian or Other Pacific Islander	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%
White	57.9%	57.0%	58.8%	56.9%	57.7%	55.1%	53.4%	51.5%
Other Race/Ethnicity	3.7%	3.5%	3.4%	3.3%	3.4%	3.3%	3.8%	3.9%
Unknown Race/Ethnicity	5.7%	4.5%	1.6%	3.6%	1.8%	4.9%	4.9%	3.5%
Non-U.S. Citizen or Non-Permanent Resident	1.5%	1.6%	1.3%	1.3%	1.3%	1.2%	1.2%	1.4%
Total Unduplicated Matriculant Count	20,343	20,631	21,030	21,338	21,622	21,869	22,239	22,666

*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 11/16/2021

Applicants, Matriculants, and Enrollment to U.S. Medical Schools by Sex, 2021



*The applicant number includes 57 applicants of unknown sex.

** The matriculant number includes 19 matriculants of unknown sex.

** The enrollment number includes 50 enrollees of unknown sex.

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 11/17/2021

U.S. Medical School Enrollment, 2002-2021

Year	Total	Percent Change from Prior Year	Percent Change from 2002*
2002	69,718	+0.6%	-
2003	70,104	+0.6%	+0.6%
2004	70,820	+1.0%	+1.6%
2005	71,778	+1.4%	+3.0%
2006	72,895	+1.6%	+4.6%
2007	74,298	+1.9%	+6.6%
2008	75,779	+2.0%	+8.7%
2009	77,369	+2.1%	+11.0%
2010	78,740	+1.8%	+12.9%
2011	80,205	+1.9%	+15.0%
2012	81,933	+2.2%	+17.5%
2013	83,353	+1.7%	+19.6%
2014	85,124	+2.1%	+22.1%
2015	86,587	+1.7%	+24.2%
2016	88,181	+1.8%	+26.5%
2017	89,733	+1.8%	+28.7%
2018	91,226	+1.7%	+30.9%
2019	92,634	+1.5%	+32.9%
2020	94,096	+1.6%	+35.2%
2021	95,475	+1.5%	+36.9%

*The year 2002 represents the baseline year used to calculate medical school enrollment increases that the AAMC called for in 2006.

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 11/17/2021

U.S. Medical School Enrollment by Sex, 2011-2021

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2011	42,386	+2.4%	37,819	+1.2%
2012	43,565	+2.8%	38,368	+1.5%
2013	44,460	+2.1%	38,893	+1.4%
2014	45,299	+1.9%	39,825	+2.4%
2015	46,016	+1.6%	40,571	+1.9%
2016	46,147	+0.3%	42,034	+3.6%
2017	46,243	+0.2%	43,489	+3.5%
2018	46,057	-0.4%	45,166	+3.9%
2019	45,788	-0.6%	46,837	+3.7%
2020	45,593	-0.4%	48,472	+3.5%
2021	45,097	-1.1%	50,328	+3.8%

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 declined to report sex are not reflected.

Source: AAMC Student Records System as of 11/17/2021

**U.S. Medical School Enrollment, 2014-2021
Race/Ethnicity Self-Identification Counts
With an Enrollee Able to Appear in
More than One Race/Ethnicity Category**

Enrollment	Year								Percent Change from 2020 to 2021
	2014	2015	2016	2017	2018	2019	2020	2021	
American Indian or Alaska Native	695	744	752	764	813	856	953	1,010	+6.0%
Asian	20,314	21,122	21,800	22,550	23,318	24,080	24,777	25,604	+3.3%
Black or African American	5,978	6,264	6,682	7,093	7,588	7,944	8,415	9,229	+9.7%
Hispanic, Latino, or of Spanish Origin	7,498	7,953	8,426	8,925	9,395	9,993	10,639	11,273	+6.0%
Native Hawaiian or Other Pacific Islander	202	242	267	278	295	323	346	360	+4.0%
White	53,108	53,166	53,413	53,465	53,496	53,544	53,419	52,931	-0.9%
Other Race/Ethnicity	2,499	2,655	2,929	3,117	3,241	3,341	3,492	3,566	+2.1%
Unknown Race/Ethnicity	344	373	359	398	475	611	786	891	+13.4%
Non-U.S. Citizen or Non-Permanent Resident	1,437	1,415	1,325	1,329	1,327	1,297	1,289	1,341	+4.1%
Total Unduplicated Enrollment	85,124	86,587	88,181	89,733	91,226	92,634	94,096	95,475	+1.5%

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

Source: AAMC Student Records System (SRS) as of 11/17/2021

**U.S. Medical School Enrollment, 2014-2021
Race/Ethnicity Self-Identification Percentage
With an Enrollee Able to Appear in
More than One Race/Ethnicity Category**

Enrollment	Year							
	2014	2015	2016	2017	2018	2019	2020	2021
American Indian or Alaska Native	0.8%	0.9%	0.9%	0.9%	0.9%	0.9%	1.0%	1.1%
Asian	23.9%	24.4%	24.7%	25.1%	25.6%	26.0%	26.3%	26.8%
Black or African American	7.0%	7.2%	7.6%	7.9%	8.3%	8.6%	8.9%	9.7%
Hispanic, Latino, or of Spanish Origin	8.8%	9.2%	9.6%	9.9%	10.3%	10.8%	11.3%	11.8%
Native Hawaiian or Other Pacific Islander	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.5%	0.4%
White	62.4%	61.4%	60.6%	59.6%	58.6%	57.8%	56.8%	55.4%
Other Race/Ethnicity	2.9%	3.1%	3.3%	3.5%	3.6%	3.6%	3.7%	3.7%
Unknown Race/Ethnicity	0.4%	0.4%	0.4%	0.4%	0.5%	0.7%	0.8%	0.9%
Non-U.S. Citizen or Non-Permanent Resident	1.7%	1.6%	1.5%	1.5%	1.5%	1.4%	1.4%	1.4%
Total Unduplicated Enrollment Count	85,124	86,587	88,181	89,733	91,226	92,634	94,096	95,475

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

Source: AAMC Student Records System (SRS) as of 11/17/2021