2019 Fall Applicant, Matriculant, and Enrollment Data Tables

December 2019

U.S. Medical School First-Time Applicants, 2009-2019

Year	Total	Percent Change from Prior Year
2009	31,001	+0.2%
2010	31,766	+2.5%
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	38,782	+1.0%
2017	37,364	-3.7%
2018	38,483	+3.0%
2019	39,238	+2.0%

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 11/4/2019

U.S. Medical School First-Time Applicants by Sex, 2009-2019

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2009	15,815	+1.0%	15,183	-0.7%
2010	16,352	+3.4%	15,413	+1.5%
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	19,091	-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%	21,250	+5.0%

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.

U.S. Medical School Total Applicants, 2002-2019

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	37,372	+4.6%	+11.2%
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	53,371	+1.1%	+58.7%

*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 11/4/2019

U.S. Medical School Total Applicants by Sex, 2009-2019

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2009	22,013	+0.7%	20,252	-0.5%
2010	22,533	+2.4%	20,207	-0.2%
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%	27,848	+3.6%

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

Source: AAMC Applicant Matriculant Data File as of 11/4/2019

U.S. Medical School Applicants, 2012-2019
Race/Ethnicity Self-Identification Counts
With an Applicant Able to Appear in
More than One Race/Ethnicity Category

In 2013, the methodology for acquiring race and ethnicity information was updated. Rather than one question asking an applicant's Hispanic origin and a second question asking the applicant's race, the Hispanic origin and race categories are now listed together under a single question about how applicants self-identify. Applicants could select multiple response options. Due to these changes in methodology, the data for 2013 may not be comparable to the data from previous years.

Change in Methodology

Applicants	Year							
	2012	2013	2014	2015	2016*	2017	2018	2019
American Indian or Alaska Native	430	425	449	463	553	508	559	586
Asian	10,542	9,793	10,415	11,454	12,591	12,072	12,812	12,778
Black or African American	3,824	3,865	3,990	4,661	4,998	4,967	5,164	5,193
Hispanic, Latino, or of Spanish Origin	3,701	3,999	4,386	4,839	5,421	5,553	5,576	5,858
Native Hawaiian or Other Pacific Islander	171	165	177	192	173	184	189	232
White	28,016	25,729	26,800	28,025	29,397	27,626	28,625	27,795
Other Race/Ethnicity (New in 2013)	-	2,118	2,276	2,345	2,094	1,983	2,164	2,164
Unknown Race/Ethnicity (New in 2013)	-	3,299	2,698	2,438	910	1,817	1,013	2,641
Non-U.S. Citizen or Non-Permanent Resident	1,713	1,777	1,901	2,099	2,053	1,917	1,948	1,890
Total Applicants	45,266	48,014	49,480	52,549	53,042	51,680	52,777	53,371

*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 11/4/2019

Association of
American Medical Colleges

U.S. Medical School Applicants, 2012-2019
Race/Ethnicity Self-Identification Percents
With an Applicant Able to Appear in
More than One Race/Ethnicity Category

In 2013, the methodology for acquiring race and ethnicity information was updated. Rather than one question asking an applicant's Hispanic origin and a second question asking the applicant's race, the Hispanic origin and race categories are now listed together under a single question about how applicants self-identify. Applicants could select multiple response options. Due to these changes in methodology, the data for 2013 may not be comparable to the data from previous years.

Change in Methodology

Applicants	Year							
	2012	2013	2014	2015	2016*	2017	2018	2019
American Indian or Alaska Native	0.9%	0.9%	0.9%	0.9%	1.0%	1.0%	1.1%	1.1%
Asian	23.3%	20.4%	21%	21.8%	23.7%	23.4%	24.3%	23.9%
Black or African American	8.4%	8%	8.1%	8.9%	9.4%	9.6%	9.8%	9.7%
Hispanic, Latino, or of Spanish Origin	8.2%	8.3%	8.9%	9.2%	10.2%	10.7%	10.6%	11.0%
Native Hawaiian or Other Pacific Islander	0.4%	0.3%	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%
White	61.9%	53.6%	54.2%	53.3%	55.4%	53.5%	54.2%	52.1%
Other Race/Ethnicity (New in 2013)	-	4.4%	4.6%	4.5%	3.9%	3.8%	4.1%	4.1%
Unknown Race/Ethnicity (New in 2013)	-	6.9%	5.5%	4.6%	1.7%	3.5%	1.9%	4.9%
Non-U.S. Citizen or Non-Permanent Resident	3.8%	3.7%	3.8%	4.0%	3.9%	3.7%	3.7%	3.5%
Total Unduplicated Applicant Count	45,266	48,014	49,480	52,549	53,042	51,680	52,777	53,371

*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 11/4/2019

Association of
American Medical Colleges

U.S. Medical School Acceptees by Sex, 2009-2019

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2009	10,067	+1.1%	9,264	+0.9%
2010	10,404	+3.3%	9,237	-0.3%
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	10,786	-0.7%	11,893	+2.4%

Source: AAMC Applicant Matriculant Data File as of 11/4/2019

U.S. Medical School Matriculants, 2002-2019

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	21,339	+1.5%	+29.4%
2018	21,622	+1.3%	+30.5%
2019	21,869	+1.1%	+32.6%

*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 11/4/2019

U.S. Medical School Matriculants by Sex, 2009-2019

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2009	9,573	+1.6%	8,817	+2.4%
2010	9,909	+3.5%	8,756	-0.7%
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%

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

Source: AAMC Applicant Matriculant Data File as of 11/4/2019

U.S. Medical School Matriculants, 2012-2019
Race/Ethnicity Self-Identification Counts
With an Matriculant Able to Appear in
More than One Race/Ethnicity Category

In 2013, the methodology for acquiring race and ethnicity information was updated. Rather than one question asking a matriculant's Hispanic origin and a second question asking the matriculant's race, the Hispanic origin and race categories are now listed together under a single question about how matriculants self-identify. Matriculants could select multiple response options. Due to these changes in methodology, the data for 2013 may not be comparable to the data from previous years.

Change of methodology

Matriculants	Year							
	2012	2013	2014	2015	2016*	2017	2018	2019
American Indian or Alaska Native	184	173	202	196	194	205	218	230
Asian	4,572	4,163	4,320	4,619	5,121	5,166	5,486	5,431
Black or African American	1,416	1,396	1,412	1,576	1,771	1,775	1,856	1,916
Hispanic, Latino, or of Spanish Origin	1,731	1,826	1,859	1,988	2,203	2,295	2,319	2,466
Native Hawaiian or Other Pacific Islander	52	64	70	69	65	68	75	95
White	12,773	11,421	11,787	11,769	12,363	12,138	12,481	12,042
Other Race/Ethnicity (New in 2013)	-	714	747	713	710	697	727	717
Unknown Race/Ethnicity (New in 2013)	-	1,383	1,151	938	341	765	394	1,073
Non-U.S. Citizen or Non-Permanent Resident	266	264	300	329	269	275	280	272
Total Matriculants	19,517	20,055	20,343	20,631	21,030	21,338	21,622	21,869

*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 11/4/2019

U.S. Medical School Matriculants, 2012-2019
Race/Ethnicity Self-Identification Percents
With an Matriculant Able to Appear in
More than One Race/Ethnicity Category

In 2013, the methodology for acquiring race and ethnicity information was updated. Rather than one question asking a matriculant's Hispanic origin and a second question asking the matriculant's race, the Hispanic origin and race categories are now listed together under a single question about how matriculants self-identify. Matriculants could select multiple response options. Due to these changes in methodology, the data for 2013 may not be comparable to the data from previous years.
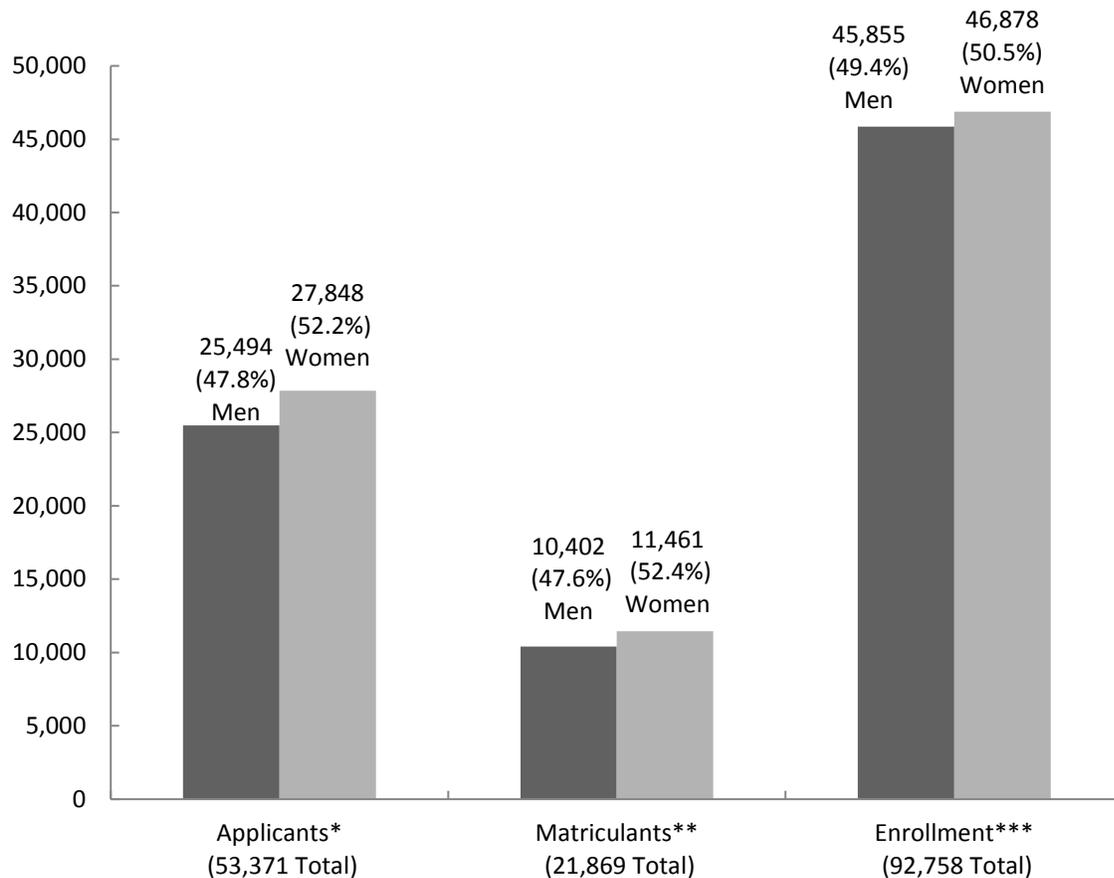
Change of methodology

Matriculants	Year							
	2012	2013	2014	2015	2016*	2017	2018	2019
American Indian or Alaska Native	0.9%	0.9%	1.0%	1.0%	0.9%	1.0%	1.0%	1.1%
Asian	23.4%	20.8%	21.2%	22.4%	24.4%	24.2%	25.4%	24.8%
Black or African American	7.3%	7.0%	6.9%	7.6%	8.4%	8.3%	8.6%	8.8%
Hispanic, Latino, or of Spanish Origin	8.9%	9.1%	9.1%	9.6%	10.5%	10.8%	10.7%	11.3%
Native Hawaiian or Other Pacific Islander	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%
White	65.4%	56.9%	57.9%	57%	58.8%	56.9%	57.7%	55.1%
Other Race/Ethnicity (New in 2013)	-	3.6%	3.7%	3.5%	3.4%	3.3%	3.4%	3.3%
Unknown Race/Ethnicity (New in 2013)	-	6.9%	5.7%	4.5%	1.6%	3.6%	1.8%	4.9%
Non-U.S. Citizen or Non-Permanent Resident	1.4%	1.3%	1.5%	1.6%	1.3%	1.3%	1.3%	1.2%
Total Unduplicated Matriculant Count	19,517	20,055	20,343	20,631	21,030	21,338	21,622	21,869

*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 11/4/2019

Association of
American Medical Colleges

Applicants, Matriculants, and Enrollment to U.S. Medical Schools by Sex, 2019

*The applicant number includes 29 applicants of unknown sex.

** The matriculant number includes 6 matriculants of unknown sex.

** The enrollment number includes 25 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 11/4/2019

Association of
American Medical Colleges

U.S. Medical School Enrollment, 2002-2019

Year	Total	Percent Change from Prior Year	Percent Change from 2002*
2002	69,717	+0.6%	-
2003	70,103	+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	80,207	+1.9%	+15.0%
2012	81,934	+2.2%	+17.5%
2013	83,356	+1.7%	+19.6%
2014	85,128	+2.1%	+22.1%
2015	86,595	+1.7%	+24.2%
2016	88,191	+1.8%	+26.5%
2017	89,759	+1.8%	+28.7%
2018	91,266	+1.7%	+30.9%
2019	92,758	+1.6%	+33.0%

*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 11/4/2019

U.S. Medical School Enrollment by Sex, 2009-2019

Year	Men Total	Percent Change from Prior Year	Women Total	Percent Change from Prior Year
2009	40,390	+2.5%	36,979	+1.7%
2010	41,383	+2.5%	37,357	+1.0%
2011	42,388	+2.4%	37,819	+1.2%
2012	43,566	+2.8%	38,368	+1.5%
2013	44,462	+2.1%	38,894	+1.4%
2014	45,301	+1.9%	39,827	+2.4%
2015	46,022	+1.6%	40,573	+1.9%
2016	46,152	+0.3%	42,039	+3.6%
2017	46,250	+0.2%	43,498	+3.5%
2018	46,068	-0.4%	45,179	+3.9%
2019	45,855	-0.5%	46,878	+3.8%

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. Students who declined to report sex are not reflected.

Source: AAMC Student Records System as of 11/4/2019