

Table A-21: MCAT Scores and GPAs for Applicants to U.S. Medical Schools by Sex, 2017-2018 through 2020-2021



The table below displays the MCAT scores and GPAs for applicants from 2017-2018 through 2020-2021 by sex. MCAT scores and GPAs are displayed by mean and standard deviation (SD). Please email datarequest@aamc.org if you need further assistance or have additional inquiries.

Applicants	MCAT CPBS		MCAT CARS		MCAT BBLs		MCAT PSBB		Total MCAT		GPA Science		GPA Non-Science		GPA Total		Total Applicants
	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	
2017-2018 Men	126.8	2.7	125.8	2.7	126.9	2.6	126.7	2.7	506.2	8.9	3.48	0.41	3.67	0.31	3.56	0.34	26,058
Women	125.6	2.8	125.5	2.8	125.9	2.8	126.3	2.8	503.2	9.6	3.43	0.44	3.73	0.27	3.56	0.34	25,600
All	126.2	2.8	125.7	2.7	126.4	2.8	126.5	2.8	504.7	9.4	3.45	0.43	3.70	0.29	3.56	0.34	51,658
2018-2019 Men	127	2.6	126	2.7	127.1	2.6	127	2.6	507.2	8.8	3.50	0.41	3.68	0.30	3.57	0.34	25,875
Women	125.7	2.7	125.7	2.8	126.1	2.7	126.7	2.8	504.1	9.5	3.44	0.44	3.74	0.26	3.57	0.34	26,882
All	126.3	2.7	125.9	2.7	126.6	2.7	126.8	2.7	505.6	9.3	3.47	0.43	3.71	0.28	3.57	0.34	52,757
2019-2020 Men	127.1	2.6	126.1	2.7	127.2	2.6	127.3	2.6	507.7	8.8	3.51	0.41	3.69	0.30	3.58	0.34	25,494
Women	125.8	2.8	125.7	2.8	126.2	2.8	126.9	2.8	504.6	9.6	3.45	0.44	3.75	0.26	3.58	0.33	27,847
All	126.4	2.8	125.9	2.7	126.7	2.7	127.1	2.7	506.1	9.3	3.48	0.43	3.72	0.28	3.58	0.33	53,341
2020-2021 Men	127.2	2.6	126	2.6	127.3	2.5	127.4	2.6	508	8.7	3.52	0.40	3.71	0.29	3.60	0.33	24,620
Women	125.9	2.8	125.8	2.7	126.3	2.7	127.1	2.8	505	9.5	3.47	0.43	3.76	0.26	3.60	0.33	28,343
All	126.5	2.8	125.9	2.7	126.8	2.7	127.2	2.7	506.4	9.2	3.49	0.42	3.74	0.28	3.60	0.33	52,963

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

In April 2015, the AAMC launched a new version of the MCAT exam. Scores are reported in four sections: 1) Chemical and Physical Foundations of Biological Systems (CPBS), 2) Critical Analysis and Reasoning Skills (CARS), 3) Biological and Biochemical Foundations of Living Systems (BBLs), and 4) Psychological, Social, and Biological Foundations of Behavior (PSBB). Some medical schools accept scores from both the new and old exams. Accordingly, applicants vary in which scores they include with their applications. Only the most recent MCAT score is used for individuals who took the exam more than once.

In 2017, 51,680 individuals applied to U.S. medical schools. Among them, 50,826 applied with MCAT scores, and 51,432 provided undergraduate grade point averages (UGPAs). Among those who applied with MCAT scores, 11.7% of the applicants applied with scores from the old version of the MCAT® exam only, 21.3% applied with scores from the old exam and the new exam, and 67.0% applied with scores from the new exam only. In 2018, 52,777 individuals applied to U.S. medical schools. Among them, 51,815 applied with MCAT scores, and 52,518 provided UGPAs. Among those who applied with MCAT scores, almost all applicants (i.e., 98.6%) applied with scores from the new exam. In 2019, 53,370 individuals applied to U.S. medical schools. Among them, 52,414 applied with MCAT scores, and 53,106 provided UGPAs. Among those who applied with MCAT scores, almost all applicants (i.e., 99.8%) applied with scores from the new exam. In 2020, 53,030 individuals applied to U.S. medical schools. Among them, 52,022 applied with MCAT scores, and 52,744 provided UGPAs. Among those who applied with MCAT scores, almost all applicants (i.e., 98.6%) applied with scores from the new exam.

The means and SDs of MCAT scores are calculated based on data from applicants who applied with MCAT scores. Specifically, 44,869 applicants and 18,073 matriculants in 2017, 51,066 applicants and 20,642 matriculants in 2018, 52,326 applicants and 21,156 matriculants in 2019, and 51,996 applicants and 21,519 matriculants in 2020 were included in the calculations. The means and SDs of UGPA are calculated based on data from applicants who applied with UGPAs. Specifically, 51,432 applicants and 21,164 matriculants in 2017, 52,518 applicants and 21,441 matriculants in 2018, 53,105 applicants and 21,689 matriculants in 2019, and 52,744 applicants and 22,050 matriculants in 2020 were included in the calculations.

Each academic year includes applicants and matriculants that applied to enter medical school in the fall of the given year. For example, academic year 2020-2021 represents the applicants and matriculants that applied to enter medical school during the 2020 application cycle.