

Table A-18: MCAT Scores and GPAs for Applicants and Matriculants to U.S. Medical Schools by Race/Ethnicity, 2018-2019



The table below displays the MCAT scores, GPAs, and self-identified racial and ethnic characteristics of applicants and matriculants to U.S. medical schools from 2018-2019. MCAT scores and GPAs are displayed by mean and standard deviation (SD). The "Multiple Race/Ethnicity" category includes those who selected more than one race/ethnicity response. Please email datarequest@aamc.org if you need further assistance or have additional inquiries.

Applicants	American Indian or Alaska Native	Asian	Black or African American	Hispanic, Latino, or of Spanish Origin	Native Hawaiian or Other Pacific Islander	White	Other	Multiple Race/Ethnicity	Unknown Race/Ethnicity	Non-U.S. Citizen and Non-Permanent Resident	Total	
MCAT CPBS	Mean	124.6	127.2	124.1	124.9	125.7	126.5	126.2	125.9	126.8	127.1	126.3
	SD	2.6	2.6	2.7	2.7	2.9	2.5	2.7	2.7	2.6	2.8	2.7
MCAT CARS	Mean	124.4	126.1	123.8	124.3	125.3	126.4	125.2	125.6	126.5	125.4	125.9
	SD	2.5	2.7	2.6	2.7	3.0	2.5	2.8	2.7	2.5	2.7	2.7
MCAT BBLs	Mean	124.9	127.2	124.4	125.3	125.7	126.9	126.4	126.3	126.9	127.3	126.6
	SD	2.7	2.6	2.7	2.7	3.3	2.5	2.7	2.7	2.5	2.8	2.7
MCAT PSBB	Mean	124.7	127.4	124.8	125.4	126.0	127.2	126.6	126.5	127.3	127.1	126.8
	SD	2.8	2.6	2.8	2.9	3.3	2.5	2.8	2.8	2.5	2.9	2.7
Total MCAT	Mean	498.6	507.9	497.1	499.9	502.8	507.1	504.3	504.4	507.5	506.9	505.6
	SD	9.00	8.90	9.10	9.40	11.20	8.20	9.30	9.30	8.10	9.60	9.3
GPA Science	Mean	3.23	3.51	3.13	3.30	3.31	3.54	3.43	3.40	3.43	3.54	3.47
	SD	0.64	0.41	0.49	0.46	0.57	0.37	0.44	0.45	0.43	0.46	0.43
GPA Non-Science	Mean	3.55	3.73	3.54	3.62	3.53	3.75	3.71	3.68	3.66	3.73	3.71
	SD	0.43	0.26	0.34	0.32	0.45	0.26	0.29	0.30	0.33	0.29	0.28
GPA Total	Mean	3.38	3.60	3.31	3.43	3.39	3.63	3.55	3.52	3.53	3.62	3.57
	SD	0.51	0.32	0.39	0.37	0.49	0.29	0.34	0.35	0.35	0.35	0.34
Total Applicants		109	11,218	4,430	3,297	53	24,686	1,167	4,856	1,013	1,948	52,777

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Matriculants		American Indian or Alaska Native	Asian	Black or African American	Hispanic, Latino, or of Spanish Origin	Native Hawaiian or Other Pacific Islander	White	Other	Multiple Race/Ethnicity	Unknown Race/Ethnicity	Non-U.S. Citizen and Non-Permanent Resident	Total
MCAT CPBS	Mean	126.2	128.6	126.1	126.4	127.5	127.8	127.7	127.4	128.1	128.6	127.7
	SD	2.3	1.9	2.1	2.2	2.0	2.0	2.2	2.1	2.1	2.2	2.1
MCAT CARS	Mean	125.9	127.4	125.5	125.5	127.1	127.5	126.7	126.9	127.4	126.9	127.1
	SD	2.6	2.2	2.3	2.5	2.2	2.2	2.4	2.3	2.2	2.3	2.3
MCAT BBLs	Mean	126.8	128.6	126.5	127.0	127.8	128.2	128.1	127.8	128.2	128.8	128.0
	SD	2.2	1.9	2.0	2.1	2.6	2.0	2.1	2.1	1.9	2.2	2.1
MCAT PSBB	Mean	126.7	128.9	127.0	127.0	127.8	128.4	128.4	128.1	128.6	128.7	128.3
	SD	2.1	1.9	2.0	2.3	2.4	2.0	2.0	2.1	1.9	2.1	2.1
Total MCAT	Mean	505.7	513.4	505.1	506.0	510.2	511.9	511.0	510.1	512.3	513.1	511.2
	SD	6.80	5.80	6.10	7.00	7.30	5.90	6.50	6.50	5.80	6.80	6.5
GPA Science	Mean	3.58	3.71	3.38	3.51	3.66	3.70	3.65	3.59	3.65	3.74	3.65
	SD	0.37	0.26	0.39	0.34	0.29	0.27	0.32	0.33	0.31	0.28	0.30
GPA Non-Science	Mean	3.75	3.83	3.67	3.72	3.67	3.82	3.81	3.77	3.79	3.83	3.80
	SD	0.28	0.17	0.29	0.26	0.41	0.20	0.20	0.23	0.22	0.20	0.21
GPA Total	Mean	3.66	3.76	3.51	3.60	3.64	3.75	3.72	3.67	3.72	3.78	3.72
	SD	0.30	0.20	0.31	0.27	0.31	0.21	0.24	0.26	0.25	0.23	0.24
Total Matriculants		39	4,787	1,540	1,350	23	10,783	381	2,045	394	280	21,622

Notes: 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.

In 2018, 52,777 individuals applied to U.S. medical schools. Among them, 51,816 applied with MCAT scores, and 52,518 provided UGPAs. Among those who applied with MCAT scores, almost all applicants (i.e., greater than 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, 51,067 applicants and 20,642 matriculants in 2018 were included in the calculations. The means and SDs of UGPA are calculated based on data from applicants who applied with UGPAs. Specifically, 52,518 applicants and 21,441 matriculants in 2018 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 2018-2019 represents the applicants and matriculants that applied to enter medical school during the 2018 application cycle.