

Table A-18: MCAT Scores and GPAs for Applicants and Matriculants to U.S. Medical Schools by Race/Ethnicity, 2016-2017



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 2016-2017.* 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 us at 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	123.4	126.1	123.5	124.1	124.0	125.9	125.5	125.2	125.6	126.3	125.5
	SD	2.2	2.7	2.6	2.6	2.6	2.6	2.7	2.8	2.8	2.9	2.8
MCAT CARS	Mean	124.1	125.1	123.2	123.6	124.4	125.9	124.7	125.0	125.6	124.5	125.1
	SD	2.3	2.7	2.4	2.7	2.1	2.6	2.9	2.8	2.6	2.7	2.8
MCAT BBLs	Mean	124.1	126.0	123.6	124.4	124.3	126.1	125.5	125.3	125.8	126.4	125.6
	SD	2.4	2.7	2.5	2.6	2.1	2.6	2.7	2.8	2.7	2.9	2.8
MCAT PSBB	Mean	124	125.9	123.7	124.1	124.2	126.2	125.5	125.4	126.0	125.9	125.6
	SD	2.5	2.8	2.6	2.8	3.0	2.6	2.8	2.8	2.9	2.9	2.8
Total MCAT	Mean	495.7	503.1	494.1	496.2	496.8	504.0	501.1	501.0	503.0	503.0	501.8
	SD	7.80	9.10	8.50	9.10	8.30	8.60	9.30	9.50	9.30	9.80	9.5
GPA Science	Mean	3.22	3.48	3.11	3.27	3.20	3.53	3.41	3.38	3.40	3.53	3.45
	SD	0.50	0.41	0.51	0.46	0.52	0.37	0.42	0.44	0.45	0.45	0.43
GPA Non-Science	Mean	3.58	3.70	3.51	3.60	3.47	3.72	3.71	3.65	3.65	3.69	3.69
	SD	0.36	0.28	0.36	0.33	0.42	0.27	0.26	0.31	0.31	0.30	0.30
GPA Total	Mean	3.38	3.57	3.29	3.41	3.31	3.61	3.54	3.50	3.51	3.60	3.55
	SD	0.42	0.33	0.40	0.37	0.42	0.30	0.33	0.35	0.35	0.36	0.34
Total Applicants		127	10,906	4,344	3,300	32	25,544	1,089	4,737	910	2,053	53,042

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	125	128.0	125.7	125.9	127.0	127.4	127.5	127.0	127.4	128.3	127.1
	SD	1.6	2.1	2.0	2.2	1.4	2.1	2.1	2.1	2.2	2.4	2.2
MCAT CARS	Mean	125.1	126.8	124.9	125.0	125.6	127.3	126.8	126.6	127.4	126.6	126.7
	SD	2.3	2.2	2.2	2.5	0.9	2.2	2.4	2.3	2.1	2.8	2.4
MCAT BBLs	Mean	125.6	127.9	125.9	126.2	126.4	127.7	127.6	127.2	127.7	128.3	127.4
	SD	2.2	2.0	1.9	2.2	1.7	2.1	2.0	2.2	2.1	2.4	2.2
MCAT PSBB	Mean	125.4	127.9	126.0	126.0	127.2	127.8	127.7	127.3	128.1	127.7	127.4
	SD	2.1	2.1	2.1	2.5	2.6	2.1	2.1	2.2	2.0	2.2	2.3
Total MCAT	Mean	501.1	510.5	502.5	503.0	506.2	510.1	509.5	508.1	510.6	510.9	508.7
	SD	5.80	6.20	5.70	7.40	4.00	6.20	6.20	6.80	5.80	8.10	6.9
GPA Science	Mean	3.43	3.68	3.38	3.49	3.49	3.68	3.63	3.58	3.63	3.74	3.64
	SD	0.42	0.27	0.40	0.35	0.33	0.27	0.29	0.32	0.29	0.26	0.30
GPA Non-Science	Mean	3.72	3.81	3.66	3.71	3.60	3.80	3.81	3.76	3.77	3.82	3.78
	SD	0.25	0.19	0.29	0.27	0.34	0.21	0.19	0.24	0.22	0.19	0.23
GPA Total	Mean	3.55	3.74	3.50	3.59	3.51	3.73	3.71	3.66	3.70	3.78	3.70
	SD	0.33	0.21	0.32	0.28	0.31	0.22	0.22	0.25	0.23	0.20	0.24
Total Matriculants		54	4,475	1,497	1,335	13	10,828	360	1,858	341	269	21,030

*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. Applicants in previous years were not asked to review responses to this question.

Note: 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). Because of this change, the 2016 MCAT scores are not comparable to previous years. In 2016, 45.9% of the applicants applied with scores from the 1991 version (the old version) of the MCAT® exam only. Additionally, 52.4% of the applicants applied with scores from the new MCAT® exam (20.0% applied with scores from the old exam and the new exam, and 32.4% applied with scores from the new exam only).

The MCAT rows include data from 27,840 applicants and 8,521 matriculants. The GPA rows include data from 52,765 applicants and 20,836 matriculants.