

Table A-18: MCAT Scores and GPAs for Applicants and Matriculants to U.S. Medical Schools by Race/Ethnicity, 2020-2021



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 2020-2021. 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	124.7	127.3	124.3	125.1	125.2	126.7	126.4	126.1	127.0	127.2	126.5
	SD	2.7	2.6	2.7	2.8	3.1	2.5	2.7	2.8	2.6	2.8	2.8
MCAT CARS	Mean	124.5	126.1	123.9	124.4	124.5	126.4	125.2	125.7	126.6	125.4	125.9
	SD	2.4	2.7	2.6	2.7	2.6	2.5	2.7	2.7	2.5	2.6	2.7
MCAT BBLs	Mean	125.1	127.4	124.7	125.6	125.1	127.1	126.6	126.5	127.2	127.5	126.8
	SD	2.6	2.6	2.7	2.8	2.8	2.4	2.7	2.7	2.5	2.8	2.7
MCAT PSBB	Mean	125.5	127.8	125.4	126.0	125.9	127.5	127.0	127.0	127.7	127.5	127.2
	SD	2.5	2.6	2.9	2.9	3.0	2.5	2.7	2.7	2.5	2.8	2.7
Total MCAT	Mean	499.9	508.6	498.3	501.1	500.7	507.7	505.3	505.2	508.5	507.6	506.4
	SD	8.2	8.8	9.4	9.5	10.1	8.1	9.2	9.3	8.3	9.4	9.2
GPA Science	Mean	3.31	3.53	3.17	3.32	3.34	3.57	3.45	3.43	3.51	3.58	3.49
	SD	0.52	0.40	0.49	0.46	0.46	0.36	0.45	0.44	0.40	0.44	0.42
GPA Non-Science	Mean	3.64	3.76	3.58	3.66	3.68	3.77	3.72	3.70	3.73	3.75	3.74
	SD	0.32	0.25	0.34	0.30	0.30	0.25	0.29	0.29	0.27	0.28	0.28
GPA Total	Mean	3.44	3.63	3.35	3.46	3.49	3.66	3.57	3.55	3.61	3.65	3.60
	SD	0.41	0.31	0.39	0.36	0.36	0.29	0.35	0.35	0.32	0.35	0.33
Total Applicants		73	11,240	4,363	3,332	41	22,891	1,288	5,314	2,644	1,844	53,030

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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	125.6	128.6	126.2	126.6	127.2	127.9	128.0	127.5	128.2	128.5	127.8
	SD	2.3	1.9	2.1	2.2	2.8	2.1	1.9	2.2	2.1	2.0	2.2
MCAT CARS	Mean	125.4	127.3	125.4	125.5	125.6	127.4	126.6	126.9	127.5	126.6	127.0
	SD	2.4	2.2	2.3	2.4	2.5	2.2	2.3	2.3	2.2	2.3	2.3
MCAT BBLs	Mean	126.3	128.7	126.6	127.1	126.6	128.2	128.2	127.9	128.4	128.9	128.1
	SD	2.2	1.9	2.0	2.1	1.9	1.9	2.0	2.1	2.0	1.9	2.0
MCAT PSBB	Mean	126.5	129.1	127.5	127.4	127.8	128.8	128.7	128.4	128.9	128.9	128.6
	SD	2	1.8	2.1	2.3	1.3	1.9	1.8	2.0	1.8	2.0	2.0
Total MCAT	Mean	503.8	513.8	505.7	506.6	507.3	512.2	511.5	510.7	512.9	513.0	511.5
	SD	6.4	5.6	6.2	7.0	7.2	5.9	5.8	6.5	5.8	6.2	6.5
GPA Science	Mean	3.42	3.72	3.39	3.53	3.52	3.71	3.69	3.62	3.68	3.75	3.66
	SD	0.43	0.27	0.39	0.34	0.26	0.27	0.28	0.32	0.30	0.28	0.31
GPA Non-Science	Mean	3.69	3.84	3.69	3.75	3.72	3.84	3.84	3.79	3.82	3.84	3.82
	SD	0.28	0.18	0.28	0.24	0.21	0.19	0.20	0.23	0.20	0.20	0.21
GPA Total	Mean	3.54	3.77	3.53	3.62	3.62	3.77	3.75	3.70	3.75	3.79	3.73
	SD	0.35	0.21	0.31	0.27	0.18	0.21	0.23	0.25	0.23	0.22	0.25
Total Matriculants		36	4,803	1,767	1,524	14	9,944	470	2,311	1,094	276	22,239

Notes: In 2020, 53,030 individuals applied to U.S. medical schools. Among them, 52,744 provided UGPAs, and 52,022 applied with MCAT scores.

Among those who applied with MCAT scores, almost all applicants (i.e., 98.6%) applied with scores from the new MCAT exam version, launched in April 2015.

The means and SDs of MCAT scores are calculated based on data from applicants who applied with MCAT scores. Specifically, 51,996 applicants and 21,519 matriculants in 2020 were included in the calculations. Only the most recent MCAT score is used for individuals who took the exam more than once.

The means and SDs of UGPA are calculated based on data from applicants who applied with UGPAs. Specifically, 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.