Table A-17: MCAT and GPAs for Applicants and Matriculants to U.S. Medical Schools by Primary Undergraduate Major, 2018-2019

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The table below displays MCAT scores and GPAs for applicants and matriculants to U.S. medical schools for 2018-2019 by primary undergraduate major. MCAT scores and GPAs are displayed by mean or median 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	
Biological Sciences	126.3	2.7	125.7	2.7	126.7	2.7	126.8	2.7	505.5	9.2	3.48	0.42	3.73	0.27	3.58	0.34	29,443
Humanities	126.4	2.6	127.0	2.5	126.7	2.6	127.4	2.6	507.6	8.6	3.42	0.45	3.69	0.29	3.57	0.32	1,689
Math and Statistics	127.8	2.8	126.8	2.8	127.4	2.8	127.5	2.8	509.4	9.7	3.57	0.39	3.71	0.29	3.62	0.34	353
Other	126.1	2.7	125.7	2.7	126.4	2.7	126.7	2.8	505.0	9.3	3.46	0.43	3.71	0.28	3.57	0.33	9,546
Physical Sciences	127.5	2.6	126.3	2.7	127.0	2.6	127.1	2.7	508.0	9.0	3.54	0.39	3.68	0.30	3.60	0.33	4,807
Social Sciences	125.9	2.7	126.2	2.7	126.2	2.8	127.3	2.7	505.6	9.3	3.37	0.47	3.64	0.32	3.51	0.35	5,143
Specialized Health Sciences	125.4	2.9	125.2	2.8	125.7	2.9	126.1	2.9	502.4	10.1	3.41	0.47	3.68	0.31	3.55	0.35	1,796
All Applicants	*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*	*52,777*

Matriculants	MCAT CPBS		MCAT CARS		MCAT BBLS		MCAT PSBB		Total MCAT		GPA Science		GPA Non-Science		GPA Total		Total Matriculants
	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	
Biological Sciences	127.7	2.1	127.0	2.3	128.1	2.1	128.2	2.1	511.0	6.5	3.67	0.30	3.82	0.20	3.73	0.24	11,843
Humanities	127.6	2.1	128.0	2.1	127.9	2.0	128.6	2.0	512.1	6.0	3.62	0.32	3.79	0.21	3.71	0.23	797
Math and Statistics	128.9	2.0	127.9	2.2	128.5	2.1	128.8	2.0	514.1	6.5	3.71	0.28	3.80	0.22	3.74	0.24	168
Other	127.6	2.1	127.0	2.3	127.9	2.0	128.3	2.0	510.8	6.3	3.63	0.31	3.79	0.21	3.72	0.23	3,843
Physical Sciences	128.6	2.0	127.4	2.3	128.2	2.1	128.4	2.1	512.6	6.5	3.69	0.29	3.77	0.23	3.73	0.24	2,214
Social Sciences	127.3	2.2	127.5	2.3	127.7	2.2	128.7	1.9	511.2	6.4	3.60	0.32	3.75	0.24	3.68	0.25	2,107
Specialized Health Sciences	127.3	2.1	126.8	2.4	127.5	2.2	128.1	2.1	509.7	6.6	3.63	0.31	3.78	0.24	3.71	0.25	650
All Matriculants	*127.7*	*2.1*	*127.1*	*2.3*	*128.0*	*2.1*	*128.3*	*2.1*	*511.2*	*6.5*	*3.65*	*0.30*	*3.80*	*0.21*	*3.72*	*0.24*	*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.