

Table A-19: MCAT Scores and GPAs for Applicants to U.S. Medical Schools by State of Legal Residence, 2019-2020



The table below displays MCAT scores and GPAs for applicants from 2019-2020 by state of legal residence. 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	
Region	State of Legal Residence																	
Northeast	Connecticut	127.0	2.6	126.5	2.8	127.4	2.6	127.8	2.6	508.6	9.0	3.50	0.37	3.73	0.26	3.60	0.29	615
	Delaware	126.0	2.8	125.8	2.6	126.3	3.0	127.0	2.7	505.2	9.4	3.42	0.44	3.70	0.22	3.56	0.28	101
	District of Columbia	126.0	2.9	126.0	2.9	126.6	3.0	127.4	3.0	506.0	10.3	3.28	0.47	3.59	0.33	3.42	0.37	103
	Maine	126.5	2.4	126.7	2.3	127.2	2.4	127.7	2.2	508.1	7.7	3.54	0.33	3.77	0.21	3.64	0.26	99
	Maryland	126.7	2.9	126.1	2.8	126.9	2.8	127.4	2.7	507.1	9.7	3.45	0.44	3.69	0.30	3.55	0.36	1,173
	Massachusetts	127.2	2.7	126.8	2.8	127.6	2.7	128.1	2.6	509.6	9.1	3.52	0.40	3.70	0.27	3.60	0.32	1,298
	New Hampshire	126.7	2.8	126.6	2.8	127.0	2.8	127.5	2.6	507.8	9.4	3.56	0.33	3.74	0.28	3.64	0.27	117
	New Jersey	126.9	2.7	126.0	2.7	127.1	2.7	127.5	2.7	507.5	9.2	3.46	0.44	3.71	0.27	3.57	0.34	1,934
	New York	126.7	2.7	126.0	2.8	127.0	2.7	127.4	2.7	507.2	9.4	3.45	0.43	3.69	0.28	3.56	0.33	3,530
	Pennsylvania	126.9	2.7	126.2	2.6	127.0	2.7	127.5	2.6	507.7	8.9	3.53	0.38	3.76	0.26	3.62	0.30	1,642
	Rhode Island	126.8	2.9	126.7	2.6	127.2	2.8	127.6	2.6	508.3	9.3	3.51	0.41	3.73	0.27	3.61	0.32	117
	Vermont	126.6	2.2	126.9	2.4	127.2	2.2	127.9	2.2	508.5	6.8	3.53	0.37	3.70	0.26	3.61	0.28	104
Total for the Region		126.8	2.7	126.2	2.8	127.1	2.7	127.6	2.7	507.7	9.3	3.47	0.42	3.71	0.27	3.58	0.33	10,833
Central	Illinois	126.4	2.8	125.9	2.8	126.6	2.8	127.1	2.8	505.9	9.5	3.45	0.45	3.72	0.29	3.57	0.35	2,241
	Indiana	126.7	2.7	126.0	2.6	126.7	2.7	127.0	2.6	506.4	8.8	3.57	0.41	3.79	0.27	3.66	0.32	765
	Iowa	126.6	2.3	126.0	2.4	127.0	2.4	127.3	2.4	507.0	7.7	3.59	0.37	3.78	0.23	3.68	0.28	368
	Kansas	125.7	2.6	125.8	2.6	126.2	2.6	126.6	2.6	504.4	8.8	3.52	0.43	3.75	0.31	3.62	0.35	524
	Michigan	126.3	2.6	125.8	2.6	126.7	2.6	127.2	2.6	505.9	8.8	3.49	0.43	3.74	0.27	3.60	0.33	1,974
	Minnesota	126.6	2.6	126.3	2.6	126.9	2.5	127.4	2.5	507.2	8.4	3.51	0.41	3.74	0.25	3.61	0.31	997
	Missouri	126.2	2.7	126.1	2.5	126.6	2.6	127.2	2.5	506.2	8.6	3.58	0.40	3.77	0.26	3.67	0.31	771
	Nebraska	126.4	2.6	125.8	2.6	126.6	2.6	127.1	2.6	506.0	8.6	3.54	0.40	3.78	0.29	3.65	0.32	309
	North Dakota	125.1	2.4	125.1	2.3	125.4	2.3	126.2	2.4	501.8	7.6	3.57	0.37	3.78	0.27	3.66	0.30	155
	Ohio	126.6	2.6	126.1	2.7	126.7	2.6	127.2	2.6	506.5	8.9	3.51	0.40	3.78	0.25	3.62	0.31	1,794
	South Dakota	125.7	2.3	125.9	2.5	126.3	2.5	126.6	2.4	504.6	8.0	3.51	0.40	3.79	0.26	3.63	0.30	164
	Wisconsin	126.9	2.5	126.3	2.5	127.2	2.5	127.7	2.5	508.0	8.1	3.56	0.38	3.75	0.26	3.64	0.31	827
Total for the Region		126.4	2.7	126.0	2.6	126.7	2.6	127.2	2.6	506.2	8.8	3.51	0.42	3.75	0.27	3.62	0.33	10,889
South	Alabama	125.9	2.7	125.9	2.6	126.1	2.6	126.6	2.6	504.5	8.6	3.53	0.41	3.76	0.29	3.63	0.33	579
	Arkansas	125.2	2.5	125.4	2.7	125.6	2.6	126.2	2.6	502.3	8.6	3.51	0.43	3.77	0.27	3.62	0.33	374
	Florida	125.8	2.7	125.4	2.7	126.1	2.7	126.8	2.8	504.1	9.2	3.45	0.43	3.72	0.28	3.56	0.34	3,493
	Georgia	125.8	2.9	125.5	2.8	126.0	2.8	126.5	2.8	503.9	9.9	3.44	0.44	3.70	0.30	3.55	0.35	1,616
	Kentucky	125.9	2.6	125.9	2.5	126.2	2.5	126.8	2.4	504.9	8.2	3.53	0.43	3.79	0.28	3.64	0.34	613
	Louisiana	125.2	2.6	125.1	2.6	125.7	2.6	126.1	2.5	502.1	8.6	3.47	0.45	3.73	0.31	3.57	0.36	869
	Mississippi	124.4	2.6	124.7	2.4	124.9	2.3	125.3	2.4	499.3	7.9	3.46	0.47	3.74	0.33	3.58	0.37	457
	North Carolina	126.3	2.9	126.1	2.8	126.6	2.8	127.2	2.8	506.2	9.7	3.44	0.43	3.69	0.29	3.56	0.33	1,322
	Oklahoma	125.7	2.4	125.7	2.5	126.1	2.5	126.5	2.4	504.0	8.0	3.58	0.39	3.79	0.27	3.67	0.31	446
	Puerto Rico	123.4	2.4	122.5	2.3	123.9	2.5	123.4	2.5	493.3	8.1	3.25	0.53	3.68	0.32	3.43	0.41	636
	South Carolina	125.2	2.7	125.5	2.6	125.7	2.7	126.3	2.7	502.8	9.0	3.51	0.41	3.73	0.27	3.61	0.32	724

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		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD		
Region	State of Legal Residence																		
	Tennessee	125.7	2.8	125.7	2.7	125.9	2.8	126.5	2.7	503.8	9.4	3.48	0.45	3.73	0.30	3.59	0.35	857	
	Texas	126.0	2.8	125.6	2.7	126.2	2.7	126.7	2.8	504.5	9.5	3.46	0.43	3.71	0.30	3.57	0.35	4,895	
	Virginia	126.6	2.7	126.2	2.7	126.9	2.7	127.4	2.7	507.1	9.2	3.45	0.41	3.67	0.28	3.55	0.33	1,407	
	West Virginia	125.3	2.6	125.1	2.4	125.6	2.4	125.9	2.7	502.0	8.1	3.51	0.44	3.78	0.30	3.62	0.35	247	
	Total for the Region	125.8	2.8	125.5	2.8	126.1	2.7	126.6	2.8	503.9	9.5	3.46	0.44	3.72	0.29	3.57	0.35	18,535	
West	Alaska	125.7	2.4	126.3	2.6	126.2	2.6	127.0	2.2	505.3	8.1	3.48	0.37	3.70	0.30	3.57	0.30	95	
	Arizona	126.0	2.7	125.8	2.6	126.4	2.7	126.8	2.7	505.0	8.9	3.50	0.43	3.76	0.26	3.62	0.32	916	
	California	127.2	2.6	126.2	2.7	127.4	2.6	127.7	2.6	508.6	9.0	3.46	0.42	3.69	0.28	3.55	0.33	6,228	
	Colorado	126.6	2.6	126.3	2.6	127.0	2.5	127.3	2.6	507.2	8.7	3.50	0.40	3.72	0.26	3.59	0.31	845	
	Hawaii	126.3	2.8	125.2	2.7	126.5	2.7	126.8	2.7	504.7	9.4	3.49	0.40	3.72	0.31	3.59	0.33	265	
	Idaho	126.3	2.4	126.2	2.6	126.9	2.4	127.0	2.3	506.4	7.7	3.61	0.34	3.80	0.22	3.70	0.26	201	
	Montana	125.9	2.4	126.3	2.6	126.4	2.4	126.5	2.5	505.0	8.1	3.50	0.41	3.76	0.23	3.62	0.30	126	
	Nevada	125.9	2.6	125.5	2.5	126.6	2.6	126.9	2.5	504.8	8.4	3.42	0.44	3.72	0.31	3.54	0.35	341	
	New Mexico	125.1	2.6	125.1	2.5	125.7	2.5	126.1	2.6	502.0	8.4	3.46	0.42	3.75	0.27	3.60	0.32	265	
	Oregon	126.8	2.3	126.5	2.5	127.3	2.3	127.7	2.3	508.3	7.4	3.52	0.38	3.74	0.24	3.61	0.29	572	
	Utah	127.0	2.5	126.3	2.5	127.1	2.6	127.3	2.5	507.7	8.5	3.55	0.37	3.77	0.23	3.65	0.28	632	
	Washington	126.9	2.6	126.4	2.7	127.1	2.6	127.6	2.5	508.0	8.6	3.46	0.38	3.71	0.26	3.56	0.30	1,135	
	Wyoming	126.2	2.4	126.4	2.9	126.6	2.4	126.9	2.4	506.2	8.0	3.56	0.40	3.73	0.32	3.64	0.34	70	
Total for the Region	126.9	2.7	126.1	2.7	127.1	2.6	127.5	2.6	507.6	8.9	3.47	0.41	3.71	0.27	3.57	0.32	11,691		
U.S. Territories and Possessions		124.7	3.1	123.4	3.1	125.2	2.8	124.8	2.3	498.1	10.3	3.44	0.48	3.78	0.23	3.59	0.37	17	
Legal Residence is Not in the U.S.		127.3	2.7	125.6	2.6	127.6	2.7	127.7	2.6	508.1	8.9	3.55	0.47	3.72	0.31	3.63	0.38	1,325	
Legal Residence is Unknown		128.3	2.6	126.3	3.2	127.9	2.8	128.2	3.2	510.7	10.3	3.62	0.42	3.75	0.27	3.69	0.29	81	
Total Applicants		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	53,371	

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 (BBLBS), 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 2019, 53,371 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. The means and SDs of MCAT scores are calculated based on data from applicants who applied with MCAT scores. Specifically, 52,326 applicants and 21,157 matriculants in 2019 were included in the calculations. The means and SDs of UGPA are calculated based on data from applicants who applied with UGPAs. Specifically, 53,106 applicants and 21,689 matriculants in 2019 were included in the calculations.

Each academic year includes applicants that applied to enter medical school in the fall of the given year. For example, academic year 2019-2020 represents the applicants that applied to enter medical school during the 2019 application cycle.