

Table A-19: MCAT Scores and GPAs for Applicants to U.S. Medical Schools by State of Legal Residence, 2020-2021



The table below displays MCAT scores and GPAs for applicants from 2020-2021 by state of legal residence. MCAT scores and GPAs are displayed by mean and standard deviation (SD). Please email datarequest@aamc.org if you need further assistance or have additional inquiries.

Region	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	127.1	2.5	126.5	2.7	127.5	2.5	127.9	2.6	508.9	8.7	3.52	0.37	3.73	0.26	3.61	0.30	574
	Delaware	126.7	2.9	126.2	2.6	126.9	2.7	127.6	2.6	507.4	9.2	3.52	0.40	3.74	0.25	3.62	0.30	115
	District of Columbia	126.7	2.8	126.5	3.1	127.1	2.8	127.8	3.0	508.1	9.9	3.41	0.44	3.64	0.32	3.52	0.35	118
	Maine	126.2	2.5	126.6	2.6	126.9	2.7	127.3	2.7	507.0	8.8	3.54	0.35	3.75	0.20	3.63	0.25	103
	Maryland	126.8	2.9	126.1	2.8	127.1	2.8	127.5	2.8	507.5	9.7	3.44	0.45	3.72	0.28	3.56	0.35	1,169
	Massachusetts	127.3	2.6	126.9	2.6	127.7	2.5	128.2	2.4	510.1	8.3	3.55	0.36	3.72	0.25	3.62	0.29	1,311
	New Hampshire	126.9	2.5	127.0	2.4	127.5	2.3	127.9	2.3	509.4	7.5	3.57	0.35	3.74	0.24	3.65	0.27	119
	New Jersey	127.0	2.7	126.1	2.6	127.3	2.6	127.7	2.6	508.1	8.9	3.49	0.44	3.73	0.26	3.59	0.34	1,892
	New York	126.7	2.8	125.9	2.8	127.0	2.8	127.5	2.8	507.1	9.5	3.46	0.43	3.71	0.28	3.57	0.33	3,459
	Pennsylvania	127.0	2.6	126.2	2.6	127.3	2.5	127.7	2.5	508.1	8.4	3.54	0.37	3.76	0.25	3.63	0.29	1,643
	Rhode Island	127.1	3.2	126.9	2.5	127.6	2.7	128.0	2.7	509.5	9.6	3.53	0.42	3.74	0.26	3.63	0.31	91
	Vermont	126.2	2.2	126.5	2.6	126.9	2.5	127.6	2.4	507.2	7.7	3.56	0.34	3.69	0.31	3.61	0.30	82
	Total for the Region	126.9	2.7	126.2	2.7	127.2	2.7	127.7	2.7	508.0	9.1	3.49	0.41	3.72	0.27	3.59	0.32	10,676
Central	Illinois	126.5	2.7	125.9	2.7	126.7	2.7	127.3	2.7	506.4	9.2	3.48	0.45	3.74	0.28	3.59	0.35	2,132
	Indiana	126.6	2.7	125.9	2.6	126.8	2.5	127.2	2.7	506.5	8.8	3.56	0.42	3.78	0.27	3.66	0.33	743
	Iowa	126.9	2.5	126.2	2.4	127.1	2.4	127.5	2.3	507.7	7.9	3.59	0.37	3.80	0.23	3.69	0.29	352
	Kansas	126.1	2.6	125.8	2.6	126.5	2.5	127.1	2.5	505.6	8.4	3.56	0.39	3.77	0.28	3.65	0.31	545
	Michigan	126.4	2.7	125.7	2.6	126.7	2.6	127.2	2.6	505.9	8.8	3.50	0.43	3.76	0.26	3.61	0.33	2,003
	Minnesota	126.7	2.6	126.2	2.6	127.0	2.5	127.6	2.5	507.5	8.5	3.52	0.40	3.75	0.26	3.62	0.31	1,002
	Missouri	126.3	2.8	125.9	2.7	126.7	2.7	127.2	2.6	506.1	9.0	3.59	0.39	3.78	0.26	3.67	0.30	733
	Nebraska	126.3	2.5	126.0	2.6	126.9	2.4	127.2	2.4	506.3	8.2	3.58	0.39	3.81	0.26	3.69	0.31	324
	North Dakota	125.7	2.6	124.7	2.4	125.7	2.5	126.4	2.6	502.4	8.4	3.58	0.37	3.80	0.27	3.68	0.30	117
	Ohio	126.6	2.7	126.1	2.6	126.7	2.6	127.2	2.7	506.6	8.8	3.50	0.41	3.79	0.26	3.62	0.32	1,676
	South Dakota	126.1	2.5	125.8	2.2	126.6	2.3	126.7	2.2	505.1	7.2	3.59	0.38	3.83	0.22	3.69	0.29	152
	Wisconsin	126.8	2.6	126.2	2.5	127.1	2.5	127.7	2.5	507.8	8.3	3.54	0.39	3.76	0.25	3.63	0.30	836
	Total for the Region	126.5	2.7	125.9	2.6	126.8	2.6	127.3	2.6	506.5	8.8	3.52	0.42	3.77	0.26	3.63	0.32	10,615
South	Alabama	125.8	2.6	125.8	2.6	126.1	2.5	126.6	2.5	504.3	8.5	3.57	0.41	3.79	0.27	3.66	0.32	602
	Arkansas	125.4	2.8	125.6	2.7	125.8	2.8	126.5	2.8	503.4	9.4	3.54	0.41	3.77	0.29	3.64	0.33	374
	Florida	126.0	2.7	125.4	2.7	126.3	2.7	126.9	2.7	504.5	9.2	3.47	0.43	3.73	0.28	3.58	0.34	3,468
	Georgia	125.8	2.9	125.4	2.8	126.1	2.9	126.6	2.9	503.8	9.9	3.46	0.43	3.71	0.30	3.57	0.34	1,688
	Kentucky	125.8	2.5	125.8	2.6	126.2	2.5	126.8	2.5	504.5	8.2	3.52	0.41	3.82	0.25	3.65	0.31	624
	Louisiana	125.2	2.6	125.2	2.6	125.9	2.5	126.2	2.6	502.5	8.4	3.46	0.45	3.75	0.28	3.58	0.35	838
	Mississippi	124.8	2.6	125.1	2.6	125.5	2.6	125.8	2.8	501.1	9.0	3.48	0.48	3.74	0.32	3.59	0.38	432
	North Carolina	126.5	2.7	126.3	2.7	126.8	2.6	127.4	2.7	507.1	9.1	3.44	0.43	3.70	0.29	3.56	0.34	1,244
	Oklahoma	125.7	2.6	125.6	2.5	126.2	2.6	126.7	2.6	504.2	8.5	3.56	0.42	3.81	0.23	3.67	0.31	457
	Puerto Rico	123.6	2.4	122.7	2.4	124.2	2.5	124.0	2.6	494.4	8.4	3.32	0.48	3.73	0.29	3.49	0.38	621

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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																		
West	South Carolina	125.1	2.6	125.3	2.5	125.6	2.6	126.3	2.7	502.4	8.6	3.53	0.39	3.76	0.25	3.63	0.30	674	
	Tennessee	125.5	2.7	125.7	2.7	126.0	2.6	126.6	2.7	503.8	9.1	3.47	0.45	3.73	0.31	3.59	0.36	844	
	Texas	126.3	2.8	125.8	2.7	126.5	2.7	127.0	2.7	505.6	9.2	3.51	0.41	3.74	0.28	3.60	0.33	4,888	
	Virginia	126.5	2.6	126.2	2.6	127.0	2.6	127.6	2.6	507.2	8.8	3.45	0.42	3.69	0.28	3.55	0.34	1,423	
	West Virginia	125.3	2.5	125.1	2.4	125.5	2.5	125.8	2.5	501.6	8.0	3.52	0.42	3.81	0.26	3.64	0.32	267	
	Total for the Region	125.9	2.8	125.5	2.7	126.2	2.7	126.8	2.8	504.4	9.3	3.48	0.43	3.74	0.28	3.59	0.34	18,444	
	Alaska	125.7	2.7	126.3	2.8	126.1	2.5	127.1	2.6	505.1	9.0	3.44	0.38	3.67	0.29	3.53	0.30	89	
	Arizona	125.9	2.6	125.7	2.6	126.3	2.6	126.9	2.5	504.8	8.5	3.52	0.41	3.76	0.26	3.63	0.31	912	
	California	127.1	2.7	126.1	2.7	127.4	2.7	127.7	2.7	508.4	9.2	3.46	0.42	3.69	0.28	3.55	0.33	6,652	
	Colorado	126.7	2.6	126.3	2.6	127.1	2.5	127.5	2.5	507.6	8.4	3.54	0.37	3.73	0.28	3.62	0.31	762	
	Hawaii	126.4	2.9	125.3	2.7	126.7	2.8	126.8	2.9	505.3	9.7	3.50	0.42	3.73	0.29	3.60	0.34	273	
	Idaho	126.5	2.6	126.0	2.7	126.9	2.5	127.1	2.6	506.5	8.6	3.56	0.36	3.78	0.24	3.66	0.28	209	
	Montana	126.0	2.5	126.5	2.4	126.7	2.6	127.1	2.5	506.3	8.1	3.53	0.40	3.76	0.24	3.62	0.30	134	
	Nevada	126.1	2.7	125.5	2.6	126.6	2.7	126.9	2.7	505.2	8.9	3.46	0.41	3.73	0.29	3.57	0.34	352	
	New Mexico	125.3	2.5	125.2	2.6	125.8	2.4	126.3	2.5	502.6	8.0	3.45	0.44	3.74	0.28	3.58	0.33	252	
Oregon	126.8	2.5	126.6	2.5	127.2	2.4	127.8	2.3	508.4	7.7	3.51	0.40	3.72	0.28	3.60	0.32	554		
Utah	127.2	2.4	126.5	2.4	127.3	2.4	127.6	2.3	508.6	7.8	3.55	0.38	3.77	0.24	3.65	0.28	651		
Washington	126.8	2.6	126.3	2.6	127.2	2.6	127.5	2.6	507.7	8.5	3.44	0.40	3.70	0.28	3.55	0.32	1,068		
Wyoming	126.0	2.5	125.8	2.6	126.6	2.6	127.1	2.8	505.6	8.6	3.56	0.39	3.72	0.29	3.63	0.32	65		
Total for the Region	126.9	2.7	126.1	2.7	127.2	2.6	127.5	2.6	507.7	8.9	3.48	0.41	3.71	0.28	3.58	0.33	11,973		
U.S. Territories and Possessions	124.8	3.2	124.2	1.7	124.8	2.5	125.8	2.4	499.6	8.1	3.36	0.39	3.77	0.21	3.51	0.29	19		
Legal Residence is Not in the U.S.	127.5	2.6	125.8	2.5	127.9	2.6	127.9	2.6	509.0	8.7	3.59	0.44	3.75	0.30	3.66	0.35	1,264		
Legal Residence is Unknown	129.3	3.3	127.5	3.2	129.0	2.9	129.7	1.6	515.5	9.8	3.68	0.37	3.80	0.18	3.75	0.24	39		
Total Applicants	126.5	2.8	125.9	2.7	126.8	2.7	127.2	2.7	506.4	9.2	3.49	0.42	3.74	0.28	3.60	0.33	53,030		

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.