

Table A-19: MCAT Scores and GPAs for Applicants to U.S. MD-Granting Medical Schools by State of Legal Residence, 2022-2023



The table below displays MCAT scores and GPAs for applicants from 2022-2023 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.

Applicants		MCAT CPBS		MCAT CARS		MCAT BBS		MCAT PSBB		Total MCAT		GPA Science		GPA Non-Science		GPA Total		Total Applicants
Region	State of Legal Residence	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	
Northeast	Connecticut	127.1	2.8	126.4	2.7	127.6	2.6	128.3	2.5	509.4	9.1	3.55	0.41	3.76	0.26	3.64	0.31	540
	Delaware	126.5	2.7	125.9	2.4	126.6	2.7	127.8	2.6	506.8	9.2	3.60	0.37	3.82	0.21	3.70	0.28	117
	District of Columbia	126.4	3.3	126.1	3.0	126.9	3.4	127.8	3.2	507.2	11.4	3.39	0.47	3.61	0.35	3.48	0.38	96
	Maine	126.7	2.6	126.2	2.6	127.2	2.6	127.6	2.8	507.7	8.6	3.55	0.33	3.76	0.22	3.65	0.26	107
	Maryland	126.7	2.9	125.9	2.9	127.0	2.9	127.7	2.9	507.4	10.2	3.45	0.48	3.73	0.30	3.57	0.38	1,231
	Massachusetts	127.4	2.8	126.7	2.7	127.8	2.8	128.5	2.6	510.4	9.3	3.57	0.37	3.75	0.25	3.65	0.30	1,478
	New Hampshire	127.1	2.6	126.8	2.5	127.4	2.8	128.1	2.5	509.4	8.7	3.55	0.40	3.73	0.29	3.63	0.33	135
	New Jersey	127.0	2.9	126.0	2.8	127.2	2.9	127.9	2.8	508.1	9.8	3.52	0.44	3.76	0.27	3.63	0.34	2,021
	New York	126.7	3.0	125.9	2.9	127.0	3.0	127.7	2.9	507.3	10.3	3.49	0.44	3.73	0.28	3.60	0.34	3,662
	Pennsylvania	126.7	2.8	126.0	2.7	127.1	2.8	127.6	2.8	507.5	9.6	3.55	0.43	3.79	0.24	3.65	0.32	1,672
	Rhode Island	127.1	2.8	126.6	2.8	127.3	2.8	128.5	2.8	509.6	9.6	3.57	0.36	3.80	0.21	3.67	0.27	125
	Vermont	126.8	2.7	126.5	2.8	127.6	2.7	128.0	2.4	508.9	9.0	3.48	0.44	3.71	0.26	3.58	0.34	101
	Total for the Region	126.9	2.9	126.1	2.8	127.2	2.9	127.9	2.8	508.0	9.9	3.52	0.43	3.75	0.27	3.62	0.33	11,285
Central	Illinois	126.5	2.9	125.8	2.7	126.8	2.9	127.6	2.8	506.7	9.8	3.51	0.44	3.77	0.27	3.63	0.34	2,197
	Indiana	126.5	2.7	125.9	2.6	126.5	2.6	127.3	2.6	506.2	8.9	3.62	0.39	3.83	0.24	3.71	0.29	868
	Iowa	127.1	2.6	126.2	2.5	127.5	2.5	128.2	2.4	509.0	8.2	3.62	0.35	3.82	0.22	3.71	0.27	334
	Kansas	125.9	2.7	125.7	2.7	126.4	2.7	126.9	2.7	504.9	9.0	3.61	0.38	3.79	0.29	3.68	0.32	497
	Michigan	126.4	2.8	125.7	2.7	126.7	2.8	127.5	2.7	506.2	9.4	3.53	0.42	3.77	0.26	3.64	0.33	2,037
	Minnesota	126.6	2.7	126.3	2.7	127.1	2.7	127.8	2.5	507.7	8.9	3.54	0.39	3.76	0.27	3.64	0.31	1,015
	Missouri	126.2	2.8	126.0	2.7	126.8	2.7	127.4	2.8	506.3	9.3	3.61	0.38	3.81	0.25	3.70	0.29	825
	Nebraska	126.3	2.4	125.6	2.5	126.8	2.5	127.2	2.6	505.9	8.2	3.62	0.35	3.83	0.25	3.71	0.28	268
	North Dakota	124.8	2.8	124.8	2.7	125.0	2.8	125.9	3.1	500.5	9.9	3.50	0.39	3.73	0.33	3.60	0.33	100
	Ohio	126.6	2.8	125.9	2.7	126.7	2.8	127.5	2.7	506.7	9.4	3.54	0.42	3.80	0.27	3.65	0.33	1,721
	South Dakota	125.8	2.5	125.5	2.1	126.2	2.3	127.1	2.2	504.6	7.4	3.61	0.39	3.82	0.30	3.70	0.33	148
	Wisconsin	126.8	2.7	126.1	2.6	127.0	2.6	127.9	2.6	507.8	8.9	3.57	0.38	3.78	0.25	3.66	0.30	831
	Total for the Region	126.5	2.8	125.9	2.7	126.8	2.7	127.5	2.7	506.6	9.3	3.55	0.41	3.79	0.26	3.66	0.32	10,841
South	Alabama	125.8	2.8	125.6	2.7	126.3	2.8	127.0	2.7	504.7	9.4	3.59	0.41	3.81	0.26	3.69	0.32	647
	Arkansas	125.2	2.6	125.1	2.7	125.5	2.7	126.4	2.7	502.1	9.0	3.58	0.40	3.79	0.28	3.67	0.32	367
	Florida	125.9	2.9	125.3	2.7	126.2	2.9	127.1	2.9	504.5	9.7	3.48	0.43	3.76	0.28	3.60	0.34	3,595
	Georgia	125.7	3.0	125.3	2.8	126.0	3.0	126.8	2.9	503.9	10.2	3.48	0.44	3.74	0.30	3.59	0.35	1,914
	Kentucky	125.5	2.8	125.4	2.6	125.8	2.8	126.5	2.7	503.2	9.2	3.55	0.39	3.82	0.26	3.66	0.30	633
	Louisiana	125.0	2.7	125.2	2.7	125.6	2.7	126.4	2.8	502.2	9.4	3.47	0.46	3.75	0.32	3.58	0.37	847
	Mississippi	124.4	2.8	124.6	2.6	124.9	2.9	125.5	2.9	499.4	9.6	3.48	0.45	3.77	0.31	3.61	0.36	454
	North Carolina	126.4	2.9	126.0	2.8	126.7	2.9	127.5	2.8	506.6	9.9	3.46	0.43	3.71	0.30	3.57	0.34	1,429
	Oklahoma	125.6	2.8	125.5	2.6	126.0	2.6	126.9	2.6	504.1	8.9	3.60	0.41	3.83	0.26	3.71	0.31	407
	Puerto Rico	123.4	2.7	122.4	2.5	123.8	2.8	123.9	3.0	493.6	9.5	3.37	0.47	3.75	0.27	3.53	0.36	604

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Region	State of Legal Residence	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	
South	South Carolina	125.3	2.8	125.5	2.7	125.8	3.0	126.7	2.9	503.2	10.0	3.52	0.43	3.77	0.26	3.63	0.33	660
	Tennessee	125.6	2.9	125.7	2.8	125.9	2.9	126.9	2.8	504.1	9.9	3.51	0.46	3.76	0.29	3.62	0.35	882
	Texas	126.2	2.9	125.6	2.8	126.5	2.9	127.3	2.9	505.6	9.9	3.54	0.43	3.76	0.27	3.64	0.33	5,235
	Virginia	126.7	2.9	126.2	2.8	126.9	2.8	127.9	2.8	507.8	9.7	3.49	0.42	3.72	0.29	3.59	0.34	1,592
	West Virginia	125.5	2.6	125.2	2.6	125.9	2.6	126.5	2.7	503.1	8.7	3.58	0.40	3.83	0.25	3.68	0.31	201
	Total for the Region		125.8	2.9	125.4	2.8	126.2	2.9	127.0	2.9	504.4	10.1	3.50	0.43	3.76	0.29	3.62	0.34
West	Alaska	126.1	2.3	126.2	2.2	126.6	2.5	127.3	2.4	506.2	7.6	3.50	0.36	3.74	0.31	3.60	0.29	89
	Arizona	125.9	2.8	125.6	2.6	126.4	2.7	127.3	2.6	505.2	9.0	3.54	0.41	3.78	0.27	3.64	0.32	927
	California	127.1	2.8	126.1	2.8	127.4	2.8	128.0	2.8	508.6	9.7	3.50	0.42	3.73	0.28	3.59	0.34	6,879
	Colorado	126.8	2.6	126.2	2.6	127.3	2.5	127.8	2.5	508.2	8.4	3.55	0.39	3.75	0.28	3.63	0.31	769
	Hawaii	126.4	2.9	125.3	2.9	126.4	2.9	127.1	3.0	505.2	10.3	3.46	0.42	3.75	0.25	3.59	0.31	218
	Idaho	126.3	2.8	125.8	2.6	126.6	2.8	127.0	2.7	505.7	9.3	3.57	0.38	3.79	0.26	3.67	0.29	203
	Montana	126.5	2.6	126.5	2.3	127.1	2.5	127.6	2.4	507.7	7.6	3.58	0.38	3.78	0.27	3.66	0.30	138
	Nevada	125.8	2.6	125.1	2.7	126.4	2.6	127.1	2.5	504.4	8.7	3.46	0.46	3.74	0.30	3.58	0.36	396
	New Mexico	125.5	2.6	125.0	2.5	125.9	2.5	126.5	2.8	502.8	8.7	3.50	0.42	3.76	0.27	3.62	0.32	251
	Oregon	126.5	2.7	126.4	2.6	126.9	2.6	127.7	2.6	507.5	8.9	3.54	0.39	3.76	0.26	3.63	0.31	559
	Utah	127.1	2.5	126.7	2.4	127.4	2.4	127.8	2.4	508.9	8.1	3.60	0.35	3.80	0.24	3.69	0.28	673
	Washington	127.0	2.8	126.3	2.7	127.2	2.8	127.8	2.6	508.4	9.2	3.47	0.40	3.73	0.29	3.58	0.32	1,119
	Wyoming	126.6	2.1	126.2	2.6	127.0	2.1	127.3	2.3	507.1	7.4	3.61	0.41	3.76	0.34	3.67	0.33	58
Total for the Region		126.9	2.8	126.1	2.7	127.2	2.8	127.8	2.7	507.9	9.4	3.51	0.41	3.74	0.28	3.60	0.33	12,279
U.S. Territories and Possessions		124.4	2.7	123.4	2.8	124.6	2.2	125.0	2.5	497.4	9.0	3.48	0.37	3.84	0.19	3.59	0.30	22
Legal Residence is Not in the U.S.		127.6	2.7	126.0	2.6	128.0	2.8	128.2	2.7	509.7	9.2	3.62	0.42	3.77	0.27	3.69	0.33	1,268
Legal Residence is Unknown		129.0	0.0	124.5	3.5	129.0	1.4	129.5	0.7	512.0	2.8	3.53	0.42	3.70	0.45	3.64	0.37	26
Total Applicants		126.4	2.9	125.8	2.8	126.8	2.9	127.5	2.8	506.5	9.9	3.52	0.42	3.76	0.28	3.62	0.33	55,188

Notes: The means and SDs of MCAT scores are calculated based on data from applicants who applied with MCAT scores. In recent years, approximately 98% of individuals submitted MCAT scores in their applications. In 2022, 53,762 applicants and 22,011 matriculants 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 applicants with available GPA data. In 2022, 54,969 applicants and 22,562 matriculants 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 2022-2023 represents the applicants and matriculants that applied to enter medical school during the 2022 application cycle.