

Table A-20: MCAT Scores and GPAs for Matriculants to U.S. MD-Granting Medical Schools by State of Legal Residence, 2021-2022



The table below displays MCAT scores and GPAs for matriculants from 2021-2022 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	State of Legal Residence	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	
Northeast	Connecticut	128.2	1.9	127.5	2.2	128.7	1.8	129.2	1.8	513.6	5.5	3.66	0.29	3.81	0.20	3.72	0.23	291
	Delaware	128.7	2.3	127.0	2.2	128.8	2.1	129.2	1.9	513.7	7.3	3.75	0.28	3.86	0.18	3.80	0.22	48
	District of Columbia	126.9	2.2	127.2	2.3	127.6	2.1	129.0	1.8	510.6	6.2	3.43	0.37	3.65	0.28	3.53	0.29	50
	Maine	128.5	1.9	127.8	2.0	129.3	1.9	129.9	1.6	515.5	5.1	3.68	0.32	3.81	0.21	3.75	0.23	35
	Maryland	128.2	2.1	127.3	2.4	128.5	2.1	128.9	2.0	512.9	6.5	3.62	0.33	3.80	0.21	3.70	0.25	577
	Massachusetts	128.6	1.9	127.8	2.1	129.0	1.8	129.5	1.7	514.9	5.7	3.70	0.29	3.80	0.20	3.74	0.23	658
	New Hampshire	128.1	1.9	127.5	1.9	128.8	1.5	129.7	1.5	514.2	4.2	3.72	0.25	3.80	0.21	3.76	0.22	52
	New Jersey	128.4	1.9	127.2	2.1	128.7	1.8	129.1	1.7	513.4	5.5	3.67	0.31	3.82	0.20	3.74	0.24	931
	New York	128.2	2.1	127.1	2.3	128.6	1.9	129.1	1.8	513.0	6.1	3.63	0.31	3.78	0.23	3.70	0.25	1,646
	Pennsylvania	128.3	2.0	127.3	2.2	128.7	1.8	129.2	1.8	513.5	5.6	3.69	0.29	3.83	0.20	3.75	0.23	805
	Rhode Island	128.0	1.9	127.4	2.1	128.3	1.9	129.0	1.9	512.6	5.8	3.70	0.29	3.85	0.15	3.77	0.20	63
	Vermont	127.8	1.8	128.1	1.8	128.3	2.0	128.8	1.9	513.0	5.3	3.67	0.31	3.72	0.23	3.70	0.25	43
Total for the Region		128.3	2.0	127.3	2.2	128.7	1.9	129.2	1.8	513.4	5.9	3.66	0.31	3.80	0.21	3.72	0.24	5,199
Central	Illinois	127.9	2.1	127.0	2.2	128.2	2.0	129.0	1.9	512.1	6.3	3.68	0.32	3.84	0.19	3.75	0.24	895
	Indiana	128.1	2.0	127.2	2.2	128.4	1.8	128.9	1.7	512.7	5.6	3.76	0.25	3.89	0.18	3.82	0.20	410
	Iowa	128.5	1.9	127.3	2.1	128.6	1.9	129.2	1.7	513.8	5.5	3.75	0.26	3.87	0.17	3.81	0.20	136
	Kansas	127.3	2.1	127.0	2.2	127.9	1.9	128.5	1.9	510.7	6.0	3.78	0.24	3.90	0.19	3.83	0.20	231
	Michigan	127.7	2.3	126.7	2.3	128.1	2.1	128.7	2.0	511.3	6.8	3.67	0.33	3.84	0.20	3.75	0.25	817
	Minnesota	127.6	2.2	127.1	2.3	128.1	2.1	128.8	2.0	511.6	6.6	3.67	0.28	3.84	0.19	3.74	0.22	403
	Missouri	127.7	2.2	127.1	2.2	128.0	2.1	128.6	2.0	511.3	6.8	3.76	0.25	3.88	0.15	3.82	0.19	356
	Nebraska	127.8	1.9	126.8	2.0	128.2	1.7	128.5	2.0	511.4	5.0	3.76	0.24	3.92	0.11	3.83	0.17	142
	North Dakota	126.9	2.1	125.6	2.1	127.4	1.8	127.8	1.9	507.7	6.1	3.79	0.24	3.88	0.22	3.83	0.22	46
	Ohio	127.9	2.3	127.0	2.3	128.2	2.0	128.8	2.1	511.9	6.8	3.66	0.33	3.86	0.20	3.74	0.25	825
	South Dakota	126.8	2.5	126.4	2.2	127.4	2.3	127.9	2.3	508.4	7.4	3.66	0.36	3.87	0.18	3.76	0.26	66
	Wisconsin	127.7	2.0	126.8	2.3	128.1	2.0	128.7	1.9	511.2	6.2	3.67	0.29	3.84	0.19	3.74	0.22	384
	Total for the Region		127.8	2.2	126.9	2.3	128.2	2.0	128.8	2.0	511.7	6.4	3.70	0.30	3.86	0.19	3.77	0.23
South	Alabama	127.1	2.3	126.4	2.2	127.5	2.1	128.1	2.1	509.0	6.5	3.70	0.31	3.87	0.20	3.78	0.25	280
	Arkansas	126.9	2.1	126.7	2.1	127.5	1.9	128.2	1.9	509.3	5.8	3.75	0.27	3.88	0.18	3.81	0.21	184
	Florida	127.8	2.1	126.8	2.3	128.2	2.0	128.9	1.9	511.7	6.2	3.70	0.29	3.84	0.20	3.76	0.22	1,244
	Georgia	127.2	2.3	126.4	2.5	127.6	2.2	128.3	2.2	509.5	7.5	3.63	0.34	3.82	0.21	3.71	0.25	744
	Kentucky	126.6	2.0	126.5	2.3	127.1	2.1	127.9	2.1	508.2	6.5	3.67	0.34	3.87	0.22	3.75	0.26	327
	Louisiana	126.5	2.1	126.1	2.1	127.1	2.0	127.6	2.0	507.3	6.0	3.59	0.41	3.80	0.26	3.67	0.32	382
	Mississippi	126.5	2.2	126.1	2.3	126.8	2.1	127.5	2.1	506.8	6.6	3.68	0.38	3.86	0.24	3.76	0.29	193
	North Carolina	127.8	2.2	127.0	2.3	128.0	2.1	128.7	2.0	511.5	6.8	3.59	0.36	3.80	0.20	3.69	0.26	541
	Oklahoma	127.2	2.1	126.8	2.2	127.5	2.1	128.5	1.9	509.9	5.9	3.74	0.28	3.89	0.18	3.80	0.21	193
	Puerto Rico	125.4	2.1	123.7	2.2	126.0	2.2	126.0	2.2	501.1	6.5	3.59	0.34	3.85	0.19	3.70	0.25	345

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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		
Region	State of Legal Residence																		
West	South Carolina	126.9	2.2	126.8	2.2	127.6	2.0	128.4	1.8	509.7	5.9	3.67	0.35	3.81	0.27	3.73	0.29	349	
	Tennessee	127.5	2.2	126.7	2.3	127.9	2.2	128.4	2.0	510.4	6.7	3.68	0.35	3.85	0.20	3.76	0.27	369	
	Texas	128.0	2.1	127.0	2.3	128.3	2.0	128.9	1.9	512.2	6.3	3.71	0.30	3.85	0.19	3.78	0.23	1,931	
	Virginia	128.0	2.1	127.3	2.2	128.4	2.0	129.2	1.7	512.9	6.1	3.62	0.32	3.78	0.23	3.69	0.27	591	
	West Virginia	126.5	2.0	126.0	2.3	127.0	2.2	127.6	2.3	507.1	6.8	3.66	0.35	3.84	0.26	3.73	0.28	139	
	Total for the Region	127.4	2.2	126.6	2.4	127.8	2.2	128.5	2.1	510.3	6.9	3.67	0.33	3.83	0.21	3.74	0.25	7,812	
	Alaska	127.1	2.9	127.2	2.5	127.8	2.5	128.9	2.6	510.9	8.9	3.53	0.43	3.77	0.29	3.62	0.35	33	
	Arizona	127.4	2.2	126.7	2.2	128.0	2.2	128.6	2.1	510.7	6.5	3.74	0.29	3.86	0.20	3.79	0.23	318	
	California	128.5	2.0	127.2	2.3	128.8	1.9	129.2	1.8	513.7	5.9	3.65	0.30	3.80	0.21	3.71	0.24	2,742	
	Colorado	128.2	2.0	127.5	2.2	128.6	1.9	129.2	1.9	513.4	5.8	3.70	0.29	3.82	0.24	3.75	0.25	291	
	Hawaii	128.3	1.8	127.4	2.0	128.8	1.8	129.0	2.0	513.4	5.6	3.70	0.29	3.84	0.19	3.76	0.23	87	
	Idaho	127.4	2.3	126.9	2.6	127.8	2.4	128.5	2.4	510.7	7.8	3.68	0.29	3.83	0.22	3.75	0.24	82	
	Montana	126.9	2.2	127.4	2.2	127.8	2.0	127.8	1.9	509.9	6.0	3.63	0.32	3.84	0.19	3.71	0.24	56	
Nevada	127.1	2.2	126.3	2.2	127.9	2.0	128.2	1.9	509.5	6.3	3.63	0.32	3.81	0.24	3.70	0.26	149		
New Mexico	126.3	2.0	125.9	2.5	127.1	1.8	127.6	2.1	506.9	6.5	3.57	0.41	3.80	0.24	3.68	0.31	117		
Oregon	127.8	2.2	127.5	2.2	128.4	2.1	128.9	2.0	512.6	6.7	3.68	0.33	3.84	0.19	3.75	0.25	221		
Utah	128.5	1.9	127.8	2.1	128.5	1.8	129.2	1.8	514.0	5.5	3.74	0.27	3.86	0.19	3.80	0.22	219		
Washington	128.0	2.1	127.2	2.4	128.3	2.0	128.9	2.0	512.5	6.5	3.61	0.32	3.80	0.20	3.69	0.24	442		
Wyoming	127.0	2.1	126.3	2.5	128.0	1.7	128.4	2.0	509.6	6.1	3.81	0.19	3.91	0.11	3.85	0.14	27		
Total for the Region	128.2	2.1	127.2	2.3	128.6	2.0	129.0	1.9	512.9	6.3	3.66	0.31	3.81	0.21	3.72	0.25	4,784		
U.S. Territories and Possessions	126.1	3.1	126.0	2.6	126.0	1.3	127.0	2.4	505.1	8.2	3.57	0.34	3.83	0.14	3.68	0.20	7		
Legal Residence is Not in the U.S.	128.8	1.9	126.6	2.3	129.0	1.9	129.2	1.9	513.6	6.0	3.76	0.24	3.83	0.22	3.79	0.21	136		
Legal Residence is Unknown	-	-	-	-	-	-	-	-	-	-	3.78	0.16	3.87	0.14	3.81	0.13	17		
Total Matriculants	127.9	2.2	127.0	2.3	128.2	2.1	128.8	2.0	511.9	6.6	3.67	0.31	3.83	0.21	3.74	0.25	22,666		

Notes: The means and SDs of MCAT scores are calculated based on data from applicants who applied with MCAT scores (each year, approximately 2% of individuals apply without MCAT scores). Specifically, 60,334 applicants and 21,942 matriculants in 2021 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. Specifically, 62,140 applicants and 22,483 matriculants in 2021 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 2021-2022 represents the applicants and matriculants that applied to enter medical school during the 2021 application cycle.

Dashed cells indicate state of legal residences with zero matriculants.