

Table A-20: MCAT Scores and GPAs for Matriculants to U.S. MD-Granting Medical Schools by State of Legal Residence, 2022-2023



The table below displays MCAT scores and GPAs for matriculants 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](mailto:datarequest@aamc.org) if you need further assistance or have additional inquiries.

| Matriculants |                          | MCAT CPBS |     | MCAT CARS |     | MCAT BBLS |     | MCAT PSBB |     | Total MCAT |     | GPA Science |      | GPA Non-Science |      | GPA Total |      | Total        |
|--------------|--------------------------|-----------|-----|-----------|-----|-----------|-----|-----------|-----|------------|-----|-------------|------|-----------------|------|-----------|------|--------------|
|              |                          | Mean      | SD  | Mean      | SD  | Mean      | SD  | Mean      | SD  | Mean       | SD  | Mean        | SD   | Mean            | SD   | Mean      | SD   | Matriculants |
| Region       | State of Legal Residence |           |     |           |     |           |     |           |     |            |     |             |      |                 |      |           |      |              |
| Northeast    | Connecticut              | 128.4     | 1.9 | 127.5     | 2.1 | 128.8     | 1.8 | 129.5     | 1.7 | 514.3      | 5.7 | 3.70        | 0.28 | 3.83            | 0.20 | 3.76      | 0.22 | 251          |
|              | Delaware                 | 128.0     | 2.0 | 127.3     | 1.7 | 128.3     | 1.6 | 129.4     | 1.6 | 513.1      | 5.2 | 3.78        | 0.23 | 3.90            | 0.11 | 3.83      | 0.16 | 52           |
|              | District of Columbia     | 128.1     | 2.0 | 127.5     | 2.0 | 128.5     | 2.4 | 129.3     | 2.2 | 513.4      | 6.5 | 3.62        | 0.32 | 3.73            | 0.26 | 3.67      | 0.26 | 43           |
|              | Maine                    | 128.0     | 1.9 | 127.2     | 1.9 | 128.5     | 1.5 | 129.2     | 1.6 | 512.9      | 3.8 | 3.63        | 0.29 | 3.82            | 0.17 | 3.72      | 0.21 | 43           |
|              | Maryland                 | 128.0     | 2.2 | 127.0     | 2.3 | 128.4     | 2.0 | 129.2     | 1.9 | 512.6      | 6.5 | 3.65        | 0.33 | 3.83            | 0.19 | 3.72      | 0.26 | 539          |
|              | Massachusetts            | 128.6     | 1.9 | 127.8     | 2.2 | 129.0     | 1.8 | 129.6     | 1.7 | 515.0      | 5.5 | 3.70        | 0.28 | 3.81            | 0.20 | 3.75      | 0.23 | 728          |
|              | New Hampshire            | 128.3     | 2.1 | 127.7     | 1.9 | 129.0     | 2.0 | 129.3     | 1.7 | 514.3      | 5.8 | 3.69        | 0.30 | 3.82            | 0.23 | 3.75      | 0.25 | 51           |
|              | New Jersey               | 128.6     | 1.9 | 127.3     | 2.2 | 128.7     | 1.9 | 129.3     | 1.8 | 513.9      | 5.7 | 3.71        | 0.32 | 3.84            | 0.21 | 3.77      | 0.25 | 920          |
|              | New York                 | 128.4     | 2.0 | 127.2     | 2.3 | 128.6     | 2.0 | 129.3     | 1.8 | 513.6      | 6.0 | 3.67        | 0.31 | 3.82            | 0.21 | 3.73      | 0.24 | 1,706        |
|              | Pennsylvania             | 128.3     | 2.0 | 127.3     | 2.2 | 128.7     | 1.8 | 129.2     | 1.8 | 513.5      | 5.7 | 3.71        | 0.30 | 3.86            | 0.18 | 3.77      | 0.23 | 751          |
|              | Rhode Island             | 128.1     | 2.1 | 127.5     | 2.2 | 128.3     | 1.7 | 129.5     | 2.0 | 513.3      | 6.3 | 3.67        | 0.28 | 3.82            | 0.19 | 3.74      | 0.23 | 78           |
|              | Vermont                  | 127.5     | 2.1 | 127.4     | 2.7 | 128.6     | 2.0 | 128.7     | 1.8 | 512.2      | 6.5 | 3.59        | 0.38 | 3.77            | 0.24 | 3.67      | 0.30 | 57           |
|              | Total for the Region     | 128.4     | 2.0 | 127.3     | 2.2 | 128.7     | 1.9 | 129.3     | 1.8 | 513.8      | 5.9 | 3.68        | 0.31 | 3.83            | 0.20 | 3.75      | 0.24 | 5,219        |
| Central      | Illinois                 | 128.0     | 2.2 | 127.0     | 2.3 | 128.3     | 2.1 | 129.0     | 1.9 | 512.3      | 6.7 | 3.69        | 0.34 | 3.84            | 0.23 | 3.75      | 0.27 | 921          |
|              | Indiana                  | 128.2     | 2.0 | 127.1     | 2.2 | 128.2     | 2.0 | 128.8     | 1.8 | 512.2      | 5.6 | 3.79        | 0.25 | 3.88            | 0.17 | 3.83      | 0.20 | 392          |
|              | Iowa                     | 128.4     | 1.9 | 126.9     | 2.3 | 128.5     | 1.9 | 129.4     | 1.9 | 513.2      | 6.0 | 3.77        | 0.22 | 3.88            | 0.16 | 3.82      | 0.18 | 151          |
|              | Kansas                   | 127.2     | 2.1 | 126.6     | 2.4 | 127.7     | 2.0 | 128.3     | 2.0 | 509.8      | 6.5 | 3.72        | 0.32 | 3.86            | 0.24 | 3.78      | 0.28 | 211          |
|              | Michigan                 | 127.7     | 2.3 | 126.7     | 2.4 | 128.0     | 2.2 | 128.8     | 2.0 | 511.2      | 7.0 | 3.68        | 0.30 | 3.84            | 0.20 | 3.75      | 0.24 | 836          |
|              | Minnesota                | 127.8     | 2.2 | 127.2     | 2.4 | 128.2     | 2.1 | 128.9     | 2.0 | 512.1      | 6.5 | 3.70        | 0.29 | 3.84            | 0.21 | 3.76      | 0.23 | 408          |
|              | Missouri                 | 127.3     | 2.3 | 126.9     | 2.4 | 128.0     | 2.1 | 128.7     | 2.1 | 510.8      | 6.8 | 3.74        | 0.28 | 3.86            | 0.19 | 3.80      | 0.21 | 387          |
|              | Nebraska                 | 127.6     | 1.8 | 126.7     | 2.1 | 128.0     | 1.8 | 128.5     | 1.6 | 511.0      | 4.8 | 3.75        | 0.28 | 3.88            | 0.22 | 3.80      | 0.23 | 125          |
|              | North Dakota             | 127.1     | 2.1 | 125.8     | 2.4 | 127.2     | 1.9 | 127.9     | 2.2 | 508.1      | 6.8 | 3.70        | 0.34 | 3.81            | 0.31 | 3.75      | 0.28 | 36           |
|              | Ohio                     | 127.9     | 2.2 | 126.9     | 2.4 | 128.0     | 2.1 | 128.7     | 2.1 | 511.6      | 7.0 | 3.68        | 0.34 | 3.86            | 0.21 | 3.75      | 0.26 | 822          |
|              | South Dakota             | 126.6     | 2.1 | 126.1     | 2.0 | 127.0     | 1.6 | 127.7     | 1.7 | 507.4      | 5.3 | 3.78        | 0.28 | 3.92            | 0.17 | 3.84      | 0.20 | 69           |
|              | Wisconsin                | 127.9     | 2.1 | 126.9     | 2.2 | 128.1     | 2.1 | 129.0     | 1.9 | 511.9      | 6.6 | 3.69        | 0.30 | 3.85            | 0.21 | 3.76      | 0.24 | 381          |
|              | Total for the Region     | 127.8     | 2.2 | 126.9     | 2.3 | 128.1     | 2.1 | 128.8     | 2.0 | 511.6      | 6.7 | 3.71        | 0.31 | 3.85            | 0.21 | 3.77      | 0.25 | 4,739        |
| South        | Alabama                  | 127.1     | 2.2 | 126.8     | 2.3 | 127.7     | 2.1 | 128.5     | 2.0 | 510.1      | 6.6 | 3.74        | 0.29 | 3.89            | 0.16 | 3.81      | 0.21 | 269          |
|              | Arkansas                 | 126.5     | 2.1 | 126.3     | 2.1 | 127.1     | 2.0 | 128.0     | 2.0 | 507.9      | 5.9 | 3.76        | 0.24 | 3.90            | 0.16 | 3.82      | 0.19 | 188          |
|              | Florida                  | 127.7     | 2.1 | 126.7     | 2.3 | 128.0     | 2.0 | 129.0     | 1.8 | 511.4      | 5.9 | 3.68        | 0.30 | 3.84            | 0.20 | 3.75      | 0.24 | 1,190        |
|              | Georgia                  | 127.2     | 2.4 | 126.6     | 2.3 | 127.5     | 2.3 | 128.4     | 2.2 | 509.7      | 7.4 | 3.65        | 0.33 | 3.82            | 0.25 | 3.72      | 0.27 | 790          |
|              | Kentucky                 | 126.7     | 2.2 | 126.3     | 2.3 | 127.0     | 2.2 | 127.8     | 1.9 | 507.7      | 6.5 | 3.69        | 0.31 | 3.87            | 0.20 | 3.77      | 0.24 | 341          |
|              | Louisiana                | 126.6     | 2.1 | 126.5     | 2.4 | 127.2     | 2.0 | 128.1     | 2.0 | 508.3      | 6.3 | 3.64        | 0.35 | 3.84            | 0.24 | 3.72      | 0.29 | 393          |
|              | Mississippi              | 126.2     | 2.0 | 126.0     | 2.3 | 126.7     | 2.1 | 127.3     | 2.0 | 506.2      | 5.9 | 3.70        | 0.34 | 3.86            | 0.24 | 3.77      | 0.28 | 185          |
|              | North Carolina           | 127.7     | 2.2 | 127.0     | 2.3 | 128.1     | 2.2 | 128.9     | 2.0 | 511.6      | 6.8 | 3.59        | 0.35 | 3.77            | 0.25 | 3.68      | 0.27 | 549          |
|              | Oklahoma                 | 127.1     | 2.2 | 126.7     | 2.4 | 127.4     | 2.0 | 128.5     | 1.8 | 509.7      | 6.2 | 3.74        | 0.28 | 3.90            | 0.15 | 3.82      | 0.20 | 181          |
|              | Puerto Rico              | 124.8     | 2.2 | 123.3     | 2.3 | 125.3     | 2.1 | 125.4     | 2.4 | 498.7      | 6.9 | 3.53        | 0.36 | 3.84            | 0.20 | 3.66      | 0.27 | 353          |

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| Matriculants                       |                          | MCAT CPBS |     | MCAT CARS |     | MCAT BBLS |     | MCAT PSBB |     | Total MCAT |     | GPA Science |      | GPA Non-Science |      | GPA Total |      | Total        |
|------------------------------------|--------------------------|-----------|-----|-----------|-----|-----------|-----|-----------|-----|------------|-----|-------------|------|-----------------|------|-----------|------|--------------|
|                                    |                          | Mean      | SD  | Mean      | SD  | Mean      | SD  | Mean      | SD  | Mean       | SD  | Mean        | SD   | Mean            | SD   | Mean      | SD   | Matriculants |
| Region                             | State of Legal Residence |           |     |           |     |           |     |           |     |            |     |             |      |                 |      |           |      |              |
| West                               | South Carolina           | 126.8     | 1.9 | 126.8     | 2.1 | 127.4     | 2.2 | 128.3     | 1.9 | 509.4      | 5.9 | 3.70        | 0.32 | 3.84            | 0.22 | 3.76      | 0.25 | 315          |
|                                    | Tennessee                | 127.4     | 2.2 | 127.0     | 2.4 | 127.7     | 2.0 | 128.6     | 1.9 | 510.7      | 6.3 | 3.70        | 0.32 | 3.84            | 0.21 | 3.76      | 0.24 | 366          |
|                                    | Texas                    | 128.0     | 2.1 | 127.0     | 2.3 | 128.2     | 2.0 | 129.0     | 1.9 | 512.2      | 6.4 | 3.73        | 0.28 | 3.85            | 0.19 | 3.79      | 0.22 | 1,979        |
|                                    | Virginia                 | 128.3     | 2.1 | 127.5     | 2.2 | 128.4     | 2.0 | 129.3     | 1.8 | 513.6      | 6.0 | 3.66        | 0.32 | 3.81            | 0.21 | 3.73      | 0.25 | 630          |
|                                    | West Virginia            | 126.6     | 2.4 | 126.0     | 2.4 | 126.9     | 2.3 | 127.6     | 2.3 | 507.1      | 7.3 | 3.71        | 0.31 | 3.88            | 0.22 | 3.77      | 0.25 | 121          |
|                                    | Total for the Region     | 127.4     | 2.3 | 126.6     | 2.4 | 127.7     | 2.2 | 128.5     | 2.1 | 510.2      | 7.1 | 3.68        | 0.32 | 3.84            | 0.21 | 3.75      | 0.25 | 7,850        |
|                                    | Alaska                   | 127.6     | 1.8 | 127.2     | 2.0 | 127.6     | 1.5 | 128.3     | 2.0 | 510.8      | 4.8 | 3.57        | 0.30 | 3.75            | 0.33 | 3.63      | 0.27 | 35           |
|                                    | Arizona                  | 127.5     | 2.3 | 126.8     | 2.3 | 127.9     | 2.0 | 128.7     | 2.0 | 511.0      | 6.5 | 3.70        | 0.31 | 3.86            | 0.19 | 3.77      | 0.23 | 322          |
|                                    | California               | 128.5     | 2.0 | 127.2     | 2.3 | 128.8     | 1.9 | 129.4     | 1.7 | 513.9      | 6.0 | 3.68        | 0.29 | 3.82            | 0.20 | 3.73      | 0.24 | 2,740        |
|                                    | Colorado                 | 128.2     | 1.9 | 127.3     | 2.0 | 128.6     | 1.7 | 129.2     | 1.8 | 513.3      | 5.1 | 3.70        | 0.28 | 3.82            | 0.21 | 3.75      | 0.23 | 273          |
|                                    | Hawaii                   | 128.1     | 1.9 | 126.8     | 2.2 | 128.2     | 1.6 | 128.9     | 1.7 | 512.0      | 5.3 | 3.68        | 0.27 | 3.83            | 0.18 | 3.74      | 0.21 | 94           |
|                                    | Idaho                    | 127.5     | 2.3 | 126.9     | 2.3 | 127.8     | 2.1 | 128.4     | 2.0 | 510.5      | 6.7 | 3.73        | 0.24 | 3.84            | 0.19 | 3.78      | 0.20 | 76           |
|                                    | Montana                  | 127.2     | 2.1 | 127.2     | 2.2 | 127.9     | 2.0 | 128.8     | 2.0 | 511.1      | 5.3 | 3.68        | 0.28 | 3.83            | 0.22 | 3.74      | 0.23 | 62           |
|                                    | Nevada                   | 127.1     | 2.2 | 126.3     | 2.2 | 127.6     | 2.2 | 128.4     | 1.7 | 509.4      | 6.1 | 3.62        | 0.35 | 3.82            | 0.24 | 3.70      | 0.28 | 155          |
|                                    | New Mexico               | 126.4     | 2.3 | 125.8     | 2.3 | 126.7     | 2.3 | 127.5     | 2.3 | 506.4      | 7.1 | 3.65        | 0.34 | 3.84            | 0.21 | 3.73      | 0.26 | 121          |
|                                    | Oregon                   | 128.0     | 2.1 | 127.5     | 2.1 | 128.2     | 1.9 | 129.0     | 1.8 | 512.7      | 6.1 | 3.67        | 0.32 | 3.83            | 0.20 | 3.74      | 0.25 | 209          |
|                                    | Utah                     | 128.2     | 2.0 | 127.6     | 2.0 | 128.5     | 1.9 | 128.9     | 1.9 | 513.2      | 5.8 | 3.72        | 0.25 | 3.86            | 0.17 | 3.78      | 0.20 | 216          |
|                                    | Washington               | 128.2     | 2.1 | 127.2     | 2.3 | 128.5     | 2.0 | 128.9     | 1.9 | 512.8      | 6.2 | 3.62        | 0.32 | 3.81            | 0.21 | 3.70      | 0.25 | 403          |
|                                    | Wyoming                  | 127.2     | 1.8 | 127.4     | 2.3 | 127.3     | 1.6 | 127.8     | 2.1 | 509.7      | 5.8 | 3.66        | 0.45 | 3.75            | 0.39 | 3.68      | 0.40 | 31           |
|                                    | Total for the Region     | 128.2     | 2.1 | 127.1     | 2.3 | 128.5     | 2.0 | 129.1     | 1.9 | 512.9      | 6.2 | 3.67        | 0.30 | 3.82            | 0.21 | 3.73      | 0.24 | 4,737        |
| U.S. Territories and Possessions   |                          | 124.7     | 1.5 | 124.5     | 1.4 | 125.0     | 0.6 | 126.3     | 1.6 | 500.5      | 4.1 | 3.50        | 0.32 | 3.86            | 0.12 | 3.61      | 0.25 | 6            |
| Legal Residence is Not in the U.S. |                          | 128.8     | 2.1 | 127.2     | 2.3 | 129.2     | 2.1 | 129.5     | 2.1 | 514.7      | 6.8 | 3.79        | 0.23 | 3.88            | 0.16 | 3.83      | 0.19 | 153          |
| Legal Residence is Unknown         |                          | 129.0     | 0.0 | 127.0     | 0.0 | 128.0     | 0.0 | 130.0     | 0.0 | 514.0      | 0.0 | 3.82        | 0.12 | 3.96            | 0.06 | 3.89      | 0.07 | 8            |
| Total Matriculants                 |                          | 127.9     | 2.2 | 127.0     | 2.4 | 128.2     | 2.1 | 128.9     | 2.0 | 511.9      | 6.7 | 3.68        | 0.31 | 3.84            | 0.21 | 3.75      | 0.24 | 22,712       |

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.