## Massachusetts Tests for Educator Licensure (MTEL)
### September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Stratified Alpha | | | | | | G Coefficient | | |
| | | | Mean | SEM | Decision Consist-ency | Fixed | Random | Length | Keats' SEM | Computed SEM | KR20 | I Fixed | I Random | |
| 01 Communication and Literacy Skills - Reading | A | 656 | 260 | 13.3 | 0.85 | -- | -- | 36 | 2.4 | 2.0 | 0.71 | -- | -- | -- |
| | B | 620 | 254 | 13.9 | 0.81 | -- | -- | 36 | 2.4 | 2.1 | 0.73 | -- | -- | -- |
| | C | 596 | 252 | 13.3 | 0.85 | -- | -- | 36 | 2.5 | 2.2 | 0.77 | -- | -- | -- |
| | D | 594 | 257 | 12.8 | 0.85 | -- | -- | 36 | 2.5 | 2.1 | 0.71 | -- | -- | -- |
| | E | 437 | 251 | 14.4 | 0.83 | -- | -- | 36 | 2.4 | 2.2 | 0.74 | -- | -- | -- |
| | F | 422 | 251 | 13.6 | 0.83 | -- | -- | 36 | 2.5 | 2.3 | 0.73 | -- | -- | -- |
| | G | 420 | 257 | 12.6 | 0.86 | -- | -- | 36 | 2.4 | 2.1 | 0.72 | -- | -- | -- |
| | H | 394 | 256 | 15.3 | 0.85 | -- | -- | 36 | 2.4 | 2.0 | 0.71 | -- | -- | -- |
| | J | 332 | 246 | 13.5 | 0.78 | -- | -- | 36 | 2.4 | 2.3 | 0.71 | -- | -- | -- |
| | K | 309 | 250 | 14.6 | 0.77 | -- | -- | 36 | 2.4 | 2.2 | 0.75 | -- | -- | -- |
| | L | 293 | 255 | 13.8 | 0.83 | -- | -- | 36 | 2.4 | 2.1 | 0.73 | -- | -- | -- |
| | M | 285 | 258 | 14.5 | 0.82 | -- | -- | 36 | 2.3 | 1.9 | 0.76 | -- | -- | -- |
| | N | 279 | 244 | 14.4 | 0.81 | -- | -- | 36 | 2.3 | 2.2 | 0.79 | -- | -- | -- |
| | P | 268 | 255 | 13.6 | 0.83 | -- | -- | 36 | 2.3 | 2.0 | 0.73 | -- | -- | -- |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

## Massachusetts Tests for Educator Licensure (MTEL)
### September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mean | SEM | Decision Consist-ency | Stratified Alpha | | Length | Keats' SEM | Computed SEM | KR20 | G Coefficient | | |
| | | | | | | Fixed | Random | | | | | I Fixed | I Random | |
| 01 Communication and Literacy Skills - Reading | Q | 177 | 254 | 15.3 | 0.82 | -- | -- | 36 | 2.4 | 2.0 | 0.72 | -- | -- | -- |
| | R | 175 | 254 | 13.0 | 0.84 | -- | -- | 36 | 2.5 | 2.2 | 0.75 | -- | -- | -- |
| 01 Communication and Literacy Skills - Writing | A | 1,025 | 253 | 11.4 | -- | 0.91 | 0.81 | 40 | 2.6 | 2.3 | 0.84 | 0.88 | 0.51 | 0.56 |
| | B | 912 | 254 | 11.0 | 0.89 | 0.91 | 0.81 | 40 | 2.6 | 2.3 | 0.83 | 0.90 | 0.59 | 0.55 |
| | C | 841 | 255 | 10.9 | 0.90 | 0.90 | 0.79 | 40 | 2.7 | 2.3 | 0.84 | 0.87 | 0.50 | 0.51 |
| | D | 677 | 254 | 12.2 | 0.89 | 0.92 | 0.80 | 40 | 2.8 | 2.4 | 0.82 | 0.92 | 0.57 | 0.57 |
| | E | 638 | 251 | 11.8 | 0.88 | 0.92 | 0.84 | 40 | 2.7 | 2.4 | 0.84 | 0.92 | 0.64 | 0.61 |
| | F | 621 | 251 | 11.1 | 0.85 | 0.90 | 0.79 | 40 | 2.7 | 2.4 | 0.82 | 0.89 | 0.51 | 0.56 |
| | G | 524 | 250 | 11.1 | 0.86 | 0.91 | 0.81 | 40 | 2.7 | 2.4 | 0.84 | 0.89 | 0.54 | 0.52 |
| | H | 327 | 253 | 10.4 | 0.88 | 0.88 | 0.73 | 40 | 2.7 | 2.4 | 0.80 | 0.86 | 0.39 | 0.45 |
| | J | 321 | 255 | 12.3 | 0.89 | 0.91 | 0.82 | 40 | 2.7 | 2.3 | 0.85 | 0.89 | 0.47 | 0.60 |
| | K | 68 | 251 | -- | -- | -- | -- | 40 | -- | -- | -- | -- | -- | -- |
| | L | 63 | 250 | -- | -- | -- | -- | 40 | -- | -- | -- | -- | -- | -- |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

## Massachusetts Tests for Educator Licensure (MTEL)
### September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | Mean | SEM | Decision Consist-ency | Stratified Alpha | | Length | Keats' SEM | Computed SEM | KR20 | G Coefficient | | |
| | | | | | | Fixed | Random | | | | | I Fixed | I Random | |
| 02 Early Childhood | A | 177 | 234 | 9.3 | 0.86 | 0.84 | 0.82 | 85 | 3.8 | 3.9 | 0.82 | 0.88 | 0.39 | 0.27 |
| | B | 176 | 239 | 9.5 | 0.75 | 0.75 | 0.73 | 85 | 3.7 | 3.8 | 0.72 | 0.82 | 0.39 | 0.16 |
| | C | 112 | 235 | 9.3 | 0.79 | 0.86 | 0.84 | 85 | 3.8 | 3.9 | 0.82 | 0.89 | 0.49 | 0.49 |
| | D | 110 | 237 | 9.8 | 0.79 | 0.81 | 0.79 | 85 | 3.8 | 3.8 | 0.77 | 0.89 | 0.35 | 0.43 |
| | E | 95 | 239 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | F | 84 | 231 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | G | 73 | 232 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | H | 72 | 231 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 03 General Curriculum - Multi-Subject | A | 201 | 248 | 11.2 | 0.76 | 0.77 | 0.77 | 48 | 3.2 | 2.9 | 0.70 | 0.95 | 0.95 | 0.45 |
| | B | 181 | 247 | 11.1 | 0.83 | 0.78 | 0.78 | 48 | 3.2 | 3.0 | 0.73 | 0.95 | 0.95 | 0.40 |
| | C | 180 | 244 | 11.1 | 0.79 | 0.73 | 0.73 | 48 | 3.1 | 2.9 | 0.64 | 0.95 | 0.95 | 0.31 |
| | D | 174 | 244 | 11.1 | 0.74 | 0.76 | 0.76 | 48 | 3.2 | 3.0 | 0.66 | 0.95 | 0.95 | 0.46 |
| | E | 173 | 246 | 11.1 | 0.77 | 0.78 | 0.78 | 48 | 3.1 | 2.9 | 0.70 | 0.94 | 0.94 | 0.46 |
| | F | 166 | 244 | 11.5 | 0.80 | 0.79 | 0.79 | 48 | 3.2 | 2.9 | 0.72 | 0.95 | 0.95 | 0.54 |
| | G | 154 | 243 | 11.0 | 0.77 | 0.80 | 0.80 | 48 | 3.1 | 2.9 | 0.74 | 0.95 | 0.95 | 0.39 |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

**Technical Report Statistics by Test Form**

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mean | SEM | Decision Consist-ency | Stratified Alpha | | Length | Keats' SEM | Computed SEM | KR20 | G Coefficient | | |
| | | | | | | Fixed | Random | | | | | I Fixed | I Random | |
| 03 General Curriculum - Multi-Subject | H | 144 | 247 | 11.1 | 0.82 | 0.79 | 0.79 | 48 | 3.1 | 2.9 | 0.72 | 0.95 | 0.95 | 0.49 |
| | J | 132 | 243 | 11.1 | 0.74 | 0.78 | 0.78 | 48 | 3.2 | 3.0 | 0.71 | 0.95 | 0.95 | 0.39 |
| | K | 127 | 241 | 10.4 | 0.77 | 0.84 | 0.84 | 48 | 3.2 | 3.0 | 0.78 | 0.97 | 0.97 | 0.53 |
| | L | 108 | 244 | 10.6 | 0.86 | 0.81 | 0.81 | 48 | 3.2 | 3.0 | 0.74 | 0.95 | 0.95 | 0.43 |
| | M | 103 | 241 | 11.5 | 0.77 | 0.72 | 0.72 | 48 | 3.1 | 2.9 | 0.66 | 0.91 | 0.91 | 0.27 |
| | N | 93 | 241 | -- | -- | -- | -- | 48 | -- | -- | -- | -- | -- | -- |
| | P | 83 | 233 | -- | -- | -- | -- | 48 | -- | -- | -- | -- | -- | -- |
| 03 General Curriculum - Mathematics | A | 266 | 236 | 11.2 | 0.87 | 0.87 | 0.87 | 40 | 2.9 | 2.7 | 0.84 | 0.95 | 0.95 | 0.39 |
| | B | 254 | 240 | 10.9 | 0.85 | 0.84 | 0.84 | 40 | 3.0 | 2.8 | 0.81 | 0.96 | 0.96 | 0.31 |
| | C | 184 | 236 | 10.8 | 0.81 | 0.83 | 0.83 | 40 | 2.9 | 2.8 | 0.78 | 0.94 | 0.94 | 0.43 |
| | D | 172 | 240 | 11.0 | 0.85 | 0.88 | 0.88 | 40 | 2.9 | 2.7 | 0.86 | 0.94 | 0.94 | 0.35 |
| | E | 164 | 238 | 10.7 | 0.82 | 0.87 | 0.87 | 40 | 3.0 | 2.8 | 0.83 | 0.97 | 0.97 | 0.48 |
| | F | 159 | 240 | 11.0 | 0.84 | 0.87 | 0.87 | 40 | 3.0 | 2.7 | 0.83 | 0.95 | 0.95 | 0.58 |
| | G | 159 | 235 | 10.7 | 0.86 | 0.85 | 0.85 | 40 | 2.9 | 2.7 | 0.81 | 0.98 | 0.98 | 0.40 |
| | H | 155 | 235 | 10.7 | 0.87 | 0.86 | 0.86 | 40 | 2.9 | 2.8 | 0.82 | 0.95 | 0.95 | 0.50 |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

# Massachusetts Tests for Educator Licensure (MTEL)
## September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Stratified Alpha | | | | | | G Coefficient | | |
| | | | Mean | SEM | Decision Consist-ency | Fixed | Random | Length | Keats' SEM | Computed SEM | KR20 | I Fixed | I Random | |
| **03 General Curriculum - Mathematics** | J | 155 | 236 | 10.7 | 0.82 | 0.85 | 0.85 | 40 | 3.0 | 2.8 | 0.80 | 0.95 | 0.95 | 0.49 |
| | K | 144 | 234 | 11.2 | 0.82 | 0.85 | 0.85 | 40 | 2.9 | 2.8 | 0.82 | 0.95 | 0.95 | 0.40 |
| | L | 136 | 238 | 10.9 | 0.82 | 0.85 | 0.85 | 40 | 3.0 | 2.8 | 0.80 | 0.94 | 0.94 | 0.52 |
| | M | 136 | 239 | 10.8 | 0.82 | 0.83 | 0.83 | 40 | 3.0 | 2.8 | 0.78 | 0.96 | 0.96 | 0.36 |
| | N | 127 | 236 | 10.9 | 0.86 | 0.84 | 0.84 | 40 | 3.0 | 2.8 | 0.80 | 0.91 | 0.91 | 0.45 |
| | P | 123 | 235 | 10.6 | 0.83 | 0.84 | 0.84 | 40 | 3.0 | 2.8 | 0.77 | 0.97 | 0.97 | 0.46 |
| **06 History** | A | 85 | 248 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 82 | 246 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 81 | 247 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 68 | 245 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | E | 64 | 250 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | F | 60 | 249 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | G | 56 | 243 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | H | 44 | 255 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

## Massachusetts Tests for Educator Licensure (MTEL)
### September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
| | | | Mean | SEM | Decision Consist-ency | Stratified Alpha | | Length | Keats' SEM | Computed SEM | KR20 | G Coefficient | | |
| | | | | | | Fixed | Random | | | | | I Fixed | I Random | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 07 English | A | 145 | 253 | 7.3 | 0.89 | 0.91 | 0.87 | 85 | 4.3 | 4.0 | 0.86 | 0.92 | 0.54 | 0.61 |
| | B | 128 | 255 | 7.3 | 0.89 | 0.92 | 0.90 | 85 | 4.3 | 3.8 | 0.89 | 0.92 | 0.66 | 0.58 |
| | C | 84 | 247 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 81 | 252 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | E | 70 | 250 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | F | 66 | 249 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 08 Reading Specialist | A | 72 | 245 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 58 | 244 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 42 | 240 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 34 | 244 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | E | 33 | 254 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | F | 30 | 247 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

# Massachusetts Tests for Educator Licensure (MTEL)
## September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Stratified Alpha | | | | | | G Coefficient | | |
| | | | Mean | SEM | Decision Consist-ency | Fixed | Random | Length | Keats' SEM | Computed SEM | KR20 | I Fixed | I Random | |
| **09 Mathematics** | A | 113 | 260 | 8.0 | 0.89 | 0.96 | 0.93 | 85 | 4.3 | 3.6 | 0.95 | 0.99 | 0.52 | 0.54 |
| | B | 94 | 252 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 50 | 251 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 46 | 244 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| **10 General Science** | A | 54 | 254 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 38 | 258 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 31 | 260 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 30 | 253 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| **11 Physics** | A | 19 | 244 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 16 | 228 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 16 | 250 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 14 | 234 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

## Massachusetts Tests for Educator Licensure (MTEL)
### September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Stratified Alpha | | | | | | G Coefficient | | |
| | | | Mean | SEM | Decision Consist-ency | Fixed | Random | Length | Keats' SEM | Computed SEM | KR20 | I Fixed | I Random | |
| 12 Chemistry | A | 32 | 247 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 22 | 237 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 10 | 240 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 6 | -- | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 13 Biology | A | 56 | 242 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 47 | 248 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 36 | 251 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 31 | 249 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 14 Earth Science | A | 11 | 222 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 6 | -- | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 15 Latin and Classical Humanities | A | 5 | -- | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 1 | -- | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 16 Music | A | 81 | 244 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 80 | 239 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

**_Technical Report Statistics by Test Form_**

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Stratified Alpha | | | | | | G Coefficient | | |
| | | | Mean | SEM | Decision Consist-ency | Fixed | Random | Length | Keats' SEM | Computed SEM | KR20 | I Fixed | I Random | |
| 17 Visual Art | A | 96 | 260 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 92 | 261 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 19 Business | A | 26 | 246 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 18 | 245 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 21 Health/Family and Consumer Sciences | A | 60 | 243 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 55 | 245 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 47 | 240 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 40 | 252 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 22 Physical Education | A | 130 | 226 | 12.0 | 0.77 | 0.67 | 0.63 | 85 | 3.3 | 3.6 | 0.62 | 0.90 | 0.16 | 0.21 |
| | B | 119 | 232 | 11.7 | 0.76 | 0.76 | 0.72 | 85 | 3.4 | 3.5 | 0.70 | 0.93 | 0.12 | 0.38 |
| | C | 60 | 228 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 49 | 234 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | E | 42 | 228 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | F | 39 | 230 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |

**(Continued)**

_NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report._

## Massachusetts Tests for Educator Licensure (MTEL)
### September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Stratified Alpha | | | | | | G Coefficient | | |
| | | | Mean | SEM | Decision Consist-ency | Fixed | Random | Length | Keats' SEM | Computed SEM | KR20 | I Fixed | I Random | |
| 26 French | A | 27 | 254 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 26 | 242 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 27 German | A | 2 | -- | -- | -- | -- | -- | 34 | -- | -- | -- | -- | -- | -- |
| 28 Spanish | A | 64 | 260 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 57 | 256 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 21 | 251 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 21 | 257 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 29 Chinese (Mandarin) | A | 18 | 272 | -- | -- | -- | -- | 34 | -- | -- | -- | -- | -- | -- |
| | B | 12 | 274 | -- | -- | -- | -- | 34 | -- | -- | -- | -- | -- | -- |
| 30 Italian | A | 13 | 250 | -- | -- | -- | -- | 34 | -- | -- | -- | -- | -- | -- |
| 31 Russian | A | 1 | -- | -- | -- | -- | -- | 34 | -- | -- | -- | -- | -- | -- |
| 32 Portuguese | A | 13 | 235 | -- | -- | -- | -- | 34 | -- | -- | -- | -- | -- | -- |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

# Massachusetts Tests for Educator Licensure (MTEL)
## September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
| | | | Mean | SEM | Decision Consist-ency | Stratified Alpha | | Length | | | | G Coefficient | | |
| | | | | | | Fixed | Random | | Keats' SEM | Computed SEM | KR20 | I Fixed | I Random | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33 Technology/Engineering | A | 22 | 244 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 18 | 241 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 44 Speech | A | 3 | -- | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 45 Theater | A | 21 | 262 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 17 | 253 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 46 Dance | A | 12 | 232 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 4 | -- | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 47 Middle School Mathematics | A | 68 | 245 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 61 | 251 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 28 | 237 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 27 | 231 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | E | 26 | 231 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | F | 21 | 237 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

# Massachusetts Tests for Educator Licensure (MTEL)
## September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Decision Consist-ency | Stratified Alpha | | | | | | G Coefficient | | |
| | | | Mean | SEM | | Fixed | Random | Length | Keats' SEM | Computed SEM | KR20 | I Fixed | I Random | |
| 48 Political Science/Political Philosophy | A | 7 | -- | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 5 | -- | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 50 Middle School Humanities | A | 33 | 235 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 25 | 237 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 24 | 227 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 10 | 231 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 51 Middle School Mathematics/Science | A | 18 | 213 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 14 | 218 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 11 | 237 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 9 | -- | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 53 Elementary Mathematics | A | 82 | 230 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | B | 72 | 233 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | C | 38 | 240 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | D | 33 | 237 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | E | 32 | 240 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

## Massachusetts Tests for Educator Licensure (MTEL)
### September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
| | | | | | Decision Consist-ency | Stratified Alpha | | | | | | G Coefficient | | |
| | | | Mean | SEM | | Fixed | Random | Length | Keats' SEM | Computed SEM | KR20 | I Fixed | I Random | |
| 53 Elementary Mathematics | F | 26 | 244 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 54 English as a Second Language | A | 148 | 234 | 9.7 | 0.86 | 0.85 | 0.83 | 85 | 3.7 | 3.7 | 0.82 | 0.80 | 0.31 | 0.49 |
| | B | 114 | 230 | 9.6 | 0.83 | 0.79 | 0.76 | 85 | 3.7 | 3.9 | 0.73 | 0.75 | 0.44 | 0.45 |
| | C | 103 | 223 | 9.6 | 0.84 | 0.88 | 0.87 | 85 | 3.7 | 3.9 | 0.84 | 0.88 | 0.73 | 0.56 |
| | D | 89 | 232 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | E | 84 | 232 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | F | 81 | 230 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | G | 81 | 233 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | H | 76 | 232 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| | J | 41 | 236 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |
| 55 Adult Basic Education | A | 13 | 257 | -- | -- | -- | -- | 85 | -- | -- | -- | -- | -- | -- |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

## Massachusetts Tests for Educator Licensure (MTEL)
### September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
| | | | Mean | SEM | Decision Consist-ency | Stratified Alpha | | Length | Keats' SEM | Computed SEM | KR20 | G Coefficient | | |
| | | | | | | Fixed | Random | | | | | I Fixed | I Random | |
| 56 Sheltered English Immersion | A | 213 | 245 | 8.7 | 0.89 | 0.87 | 0.84 | 52 | 3.1 | 2.8 | 0.76 | 0.86 | 0.75 | 0.56 |
| | B | 188 | 243 | 8.5 | 0.84 | 0.86 | 0.82 | 52 | 3.1 | 2.9 | 0.74 | 0.85 | 0.76 | 0.42 |
| | C | 162 | 245 | 8.7 | 0.81 | 0.84 | 0.81 | 52 | 3.2 | 2.9 | 0.70 | 0.90 | 0.79 | 0.40 |
| | D | 124 | 248 | 8.8 | 0.87 | 0.84 | 0.82 | 52 | 3.2 | 2.8 | 0.71 | 0.90 | 0.80 | 0.48 |
| 90 Foundations of Reading | A | 657 | 239 | 10.5 | 0.83 | 0.86 | 0.83 | 85 | 3.7 | 3.6 | 0.83 | 0.87 | 0.29 | 0.40 |
| | B | 621 | 239 | 10.3 | 0.82 | 0.85 | 0.83 | 85 | 3.7 | 3.6 | 0.83 | 0.86 | 0.27 | 0.29 |
| | C | 222 | 241 | 11.3 | 0.83 | 0.88 | 0.85 | 85 | 3.7 | 3.4 | 0.84 | 0.93 | 0.34 | 0.50 |
| | D | 202 | 237 | 10.8 | 0.84 | 0.88 | 0.85 | 85 | 3.7 | 3.6 | 0.85 | 0.92 | 0.44 | 0.43 |
| | E | 194 | 236 | 11.2 | 0.83 | 0.85 | 0.83 | 85 | 3.7 | 3.5 | 0.83 | 0.89 | 0.24 | 0.30 |
| | F | 191 | 238 | 11.5 | 0.83 | 0.88 | 0.86 | 85 | 3.6 | 3.4 | 0.86 | 0.93 | 0.36 | 0.41 |
| | G | 187 | 235 | 11.4 | 0.80 | 0.87 | 0.85 | 85 | 3.6 | 3.5 | 0.85 | 0.88 | 0.29 | 0.44 |
| | H | 184 | 236 | 10.9 | 0.85 | 0.88 | 0.85 | 85 | 3.7 | 3.6 | 0.86 | 0.91 | 0.28 | 0.43 |
| | J | 183 | 238 | 10.5 | 0.84 | 0.85 | 0.82 | 85 | 3.7 | 3.6 | 0.82 | 0.88 | 0.14 | 0.41 |
| | K | 182 | 228 | 10.8 | 0.82 | 0.86 | 0.82 | 85 | 3.7 | 3.7 | 0.83 | 0.91 | 0.24 | 0.27 |
| | L | 172 | 236 | 10.8 | 0.79 | 0.88 | 0.86 | 85 | 3.6 | 3.5 | 0.85 | 0.91 | 0.49 | 0.49 |

**(Continued)**

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*

# Massachusetts Tests for Educator Licensure (MTEL)
## September 1, 2019 - August 31, 2020

### Technical Report Statistics by Test Form

| Test Field and Form | | Number of Tests Taken | Total Test Scaled Score Indices | | | | | Multiple-Choice Section | | | | Open Response Section | | Pearson Corr. of MC & OR Section Scores |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | Mean | SEM | Decision Consist-ency | Stratified Alpha | | Length | Keats' SEM | Computed SEM | KR20 | G Coefficient | | |
| | | | | | | Fixed | Random | | | | | I Fixed | I Random | |
| 90 Foundations of Reading | M | 164 | 239 | 10.3 | 0.80 | 0.82 | 0.80 | 85 | 3.7 | 3.6 | 0.79 | 0.85 | 0.30 | 0.37 |
| | N | 134 | 236 | 10.5 | 0.85 | 0.89 | 0.86 | 85 | 3.8 | 3.7 | 0.86 | 0.93 | 0.24 | 0.40 |
| | P | 112 | 231 | 11.0 | 0.80 | 0.86 | 0.82 | 85 | 3.8 | 3.7 | 0.85 | 0.92 | 0.11 | 0.21 |
| 91 Vocational Technical Literacy Skills Test - Reading | A | 41 | 271 | -- | -- | -- | -- | 51 | -- | -- | -- | -- | -- | -- |
| | B | 31 | 271 | -- | -- | -- | -- | 51 | -- | -- | -- | -- | -- | -- |
| | C | 27 | 275 | -- | -- | -- | -- | 51 | -- | -- | -- | -- | -- | -- |
| | D | 26 | 276 | -- | -- | -- | -- | 51 | -- | -- | -- | -- | -- | -- |
| 91 Vocational Technical Literacy Skills Test - Writing | A | 55 | 244 | -- | -- | -- | -- | 34 | -- | -- | -- | -- | -- | -- |
| | B | 54 | 241 | -- | -- | -- | -- | 34 | -- | -- | -- | -- | -- | -- |
| | C | 39 | 243 | -- | -- | -- | -- | 34 | -- | -- | -- | -- | -- | -- |
| | D | 35 | 248 | -- | -- | -- | -- | 34 | -- | -- | -- | -- | -- | -- |

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*