

**California Department of Education Assessment Development & Administration Division**



# California Assessment of Student Performance and Progress Smarter Balanced Technical Report 2018–‍2019 Administration

## Chapter 5 Appendices

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**Educational Testing Service**



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### Appendix 5.A: Performance Task Test Length

Table 5.A. Assignment Proportions for English Language Arts/Literacy

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Grade** | **Proportion** | **Genre** | **# of PTs** | **# of items**  |
| 3 | 0.42 | Informative | 8 | 3 |
| 3 | 0.37 | Narrative | 7 | 3 |
| 3 | 0.21 | Opinion | 4 | 3 |
| 4 | 0.36 | Informative | 8 | 3 |
| 4 | 0.45 | Narrative | 10 | 3 |
| 4 | 0.18 | Opinion | 4 | 3 |
| 5 | 0.44 | Informative | 11 | 3 |
| 5 | 0.40 | Narrative | 10 | 3 |
| 5 | 0.16 | Opinion | 4 | 3 |
| 6 | 0.16 | Argumentative | 3 | 3 |
| 6 | 0.58 | Explanatory | 11 | 3 |
| 6 | 0.26 | Narrative | 5 | 3 |
| 7 | 0.33 | Argumentative | 8 | 3 |
| 7 | 0.42 | Explanatory | 10 | 3 |
| 7 | 0.25 | Narrative | 6 | 3 |
| 8 | 0.36 | Argumentative | 9 | 3 |
| 8 | 0.40 | Explanatory | 10 | 3 |
| 8 | 0.24 | Narrative | 6 | 3 |
| 11 | 0.54 | Argumentative | 15 | 3 |
| 11 | 0.46 | Explanatory | 13 | 3 |

### Appendix 5.B: Item Distributions

**Note:** For table 5.B.1 through table 5.B.3, “25%,” “50%,” and “75%” represent the percentiles of the number of items presented to students for the total test and for the computer adaptive test and performance task components.

Table 5.B. Summary of Items Presented for the Total Test

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Content Area and Grade** | **No. Examinees Total** | **Min** | **25%** | **50%** | **75%** | **Max** | **Mean** | **Mode** |
| ELA 3 | 442,642 | 11 | 40 | 41 | 41 | 43 | 40.54 | 41 |
| ELA 4 | 435,306 | 13 | 41 | 42 | 42 | 43 | 41.57 | 42 |
| ELA 5 | 454,550 | 12 | 40 | 41 | 41 | 43 | 40.62 | 41 |
| ELA 6 | 457,406 | 11 | 41 | 41 | 41 | 43 | 41.06 | 41 |
| ELA 7 | 471,492 | 10 | 41 | 41 | 42 | 43 | 41.24 | 41 |
| ELA 8 | 461,465 | 11 | 41 | 41 | 42 | 43 | 41.34 | 41 |
| ELA 11 | 439,940 | 11 | 40 | 41 | 41 | 43 | 40.74 | 41 |
| Mathematics 3 | 444,850 | 10 | 39 | 40 | 40 | 40 | 39.55 | 40 |
| Mathematics 4 | 437,397 | 11 | 38 | 39 | 40 | 40 | 39.00 | 40 |
| Mathematics 5 | 456,330 | 14 | 39 | 40 | 40 | 40 | 39.49 | 40 |
| Mathematics 6 | 458,991 | 11 | 38 | 39 | 39 | 39 | 38.69 | 39 |
| Mathematics 7 | 472,974 | 12 | 39 | 39 | 40 | 40 | 39.06 | 39 |
| Mathematics 8 | 462,224 | 10 | 39 | 39 | 39 | 40 | 38.90 | 39 |
| Mathematics 11 | 438,099 | 13 | 41 | 41 | 41 | 42 | 40.97 | 41 |

Table 5.B. Summary of Items Presented in the Computer Adaptive Testing Component of the Test

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Content Area and Grade** | **No. Examinees Total** | **Min** | **25%** | **50%** | **75%** | **Max** | **Mean** | **Mode** |
| ELA 3 | 442,642 | 11 | 37 | 38 | 38 | 43 | 37.56 | 38 |
| ELA 4 | 435,306 | 10 | 38 | 39 | 39 | 43 | 38.59 | 39 |
| ELA 5 | 454,550 | 10 | 37 | 38 | 38 | 43 | 37.63 | 38 |
| ELA 6 | 457,406 | 10 | 38 | 38 | 38 | 43 | 38.10 | 38 |
| ELA 7 | 471,492 | 10 | 38 | 38 | 39 | 43 | 38.27 | 38 |
| ELA 8 | 461,465 | 10 | 38 | 38 | 39 | 43 | 38.36 | 38 |
| ELA 11 | 439,940 | 10 | 37 | 38 | 38 | 43 | 37.76 | 38 |
| Mathematics 3 | 444,850 | 10 | 34 | 34 | 34 | 36 | 34.01 | 34 |
| Mathematics 4 | 437,397 | 10 | 34 | 34 | 34 | 36 | 34.02 | 34 |
| Mathematics 5 | 456,330 | 10 | 34 | 34 | 34 | 36 | 34.01 | 34 |
| Mathematics 6 | 458,991 | 10 | 33 | 33 | 33 | 35 | 33.02 | 33 |
| Mathematics 7 | 472,974 | 10 | 34 | 34 | 34 | 36 | 34.01 | 34 |
| Mathematics 8 | 462,224 | 10 | 34 | 34 | 34 | 36 | 34.00 | 34 |
| Mathematics 11 | 438,099 | 10 | 36 | 36 | 36 | 38 | 36.00 | 36 |

Table 5.B.3 Summary of Items Presented in the Performance Task Component of the Test

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Content Area and Grade** | **No. Examinees Total** | **Min** | **25%** | **50%** | **75%** | **Max** | **Mean** | **Mode** |
| ELA 3 | 440,185 | 1 | 3 | 3 | 3 | 3 | 3.00 | 3 |
| ELA 4 | 432,985 | 1 | 3 | 3 | 3 | 3 | 3.00 | 3 |
| ELA 5 | 452,336 | 1 | 3 | 3 | 3 | 3 | 3.00 | 3 |
| ELA 6 | 452,190 | 1 | 3 | 3 | 3 | 3 | 3.00 | 3 |
| ELA 7 | 467,448 | 1 | 3 | 3 | 3 | 3 | 3.00 | 3 |
| ELA 8 | 459,505 | 1 | 3 | 3 | 3 | 3 | 3.00 | 3 |
| ELA 11 | 437,677 | 1 | 3 | 3 | 3 | 3 | 3.00 | 3 |
| Mathematics 3 | 440,612 | 1 | 5 | 6 | 6 | 6 | 5.59 | 6 |
| Mathematics 4 | 432,877 | 1 | 4 | 5 | 6 | 6 | 5.04 | 6 |
| Mathematics 5 | 452,033 | 1 | 5 | 6 | 6 | 6 | 5.53 | 6 |
| Mathematics 6 | 452,382 | 1 | 5 | 6 | 6 | 6 | 5.75 | 6 |
| Mathematics 7 | 467,804 | 1 | 5 | 5 | 6 | 6 | 5.11 | 5 |
| Mathematics 8 | 458,921 | 1 | 5 | 5 | 5 | 6 | 4.94 | 5 |
| Mathematics 11 | 434,831 | 1 | 5 | 5 | 5 | 6 | 5.01 | 5 |

Table 5.B.4 Percent of Students Meeting Blueprint

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Content Area and Grade** | **N** | **Overall Percent of Students Meeting Blueprints** | **Claim 1 Not Meeting** | **Claim 1 Meeting** | **Claim 1 Exceeding** | **Claim 2 Not Meeting** | **Claim 2 Meeting** | **Claim 2 Exceeding** | **Claim 3 Not Meeting** | **Claim 3 Meeting** | **Claim 3 Exceeding** | **Claim 4 Not Meeting** | **Claim 4 Meeting** | **Claim 4 Exceeding** |
| ELA 3 | 440,185 | 99.89 | 0.03 | 99.97 | 0.00 | 0.10 | 99.90 | 0.00 | 0.03 | 99.97 | 0.00 | 0.05 | 99.95 | 0.00 |
| ELA 4 | 432,985 | 99.91 | 0.02 | 99.98 | 0.00 | 0.08 | 99.92 | 0.00 | 0.02 | 99.98 | 0.00 | 0.04 | 99.96 | 0.00 |
| ELA 5 | 452,336 | 99.91 | 0.02 | 99.98 | 0.00 | 0.08 | 99.92 | 0.00 | 0.04 | 99.96 | 0.00 | 0.04 | 99.96 | 0.00 |
| ELA 6 | 452,190 | 99.86 | 0.08 | 99.92 | 0.00 | 0.13 | 99.87 | 0.00 | 0.08 | 99.92 | 0.00 | 0.08 | 99.92 | 0.00 |
| ELA 7 | 467,448 | 99.81 | 0.10 | 99.90 | 0.00 | 0.16 | 99.84 | 0.00 | 0.08 | 99.92 | 0.00 | 0.10 | 99.90 | 0.00 |
| ELA 8 | 459,505 | 99.81 | 0.10 | 99.90 | 0.00 | 0.16 | 99.84 | 0.00 | 0.09 | 99.91 | 0.00 | 0.12 | 99.88 | 0.00 |
| ELA 11 | 437,677 | 99.68 | 0.14 | 99.86 | 0.00 | 0.31 | 99.69 | 0.00 | 0.13 | 99.87 | 0.00 | 0.21 | 99.79 | 0.00 |
| Mathematics 3 | 440,612 | 99.96 | 0.02 | 99.98 | 0.00 | 0.02 | 82.26 | 17.72 | 0.03 | 93.82 | 6.15 | N/A | N/A | N/A |
| Mathematics 4 | 432,877 | 99.97 | 0.02 | 99.98 | 0.00 | 0.02 | 99.98 | 0.00 | 0.03 | 95.72 | 4.25 | N/A | N/A | N/A |
| Mathematics 5 | 452,033 | 99.96 | 0.03 | 99.97 | 0.00 | 0.02 | 99.98 | 0.00 | 0.04 | 99.96 | 0.00 | N/A | N/A | N/A |
| Mathematics 6 | 452,382 | 99.93 | 0.07 | 99.93 | 0.00 | 0.01 | 99.99 | 0.00 | 0.03 | 93.83 | 6.14 | N/A | N/A | N/A |
| Mathematics 7 | 467,804 | 99.91 | 0.09 | 99.91 | 0.00 | 0.02 | 99.98 | 0.00 | 0.05 | 99.95 | 0.00 | N/A | N/A | N/A |
| Mathematics 8 | 458,921 | 99.89 | 0.10 | 99.90 | 0.00 | 0.05 | 99.92 | 0.03 | 0.08 | 99.92 | 0.00 | N/A | N/A | N/A |
| Mathematics 11 | 434,831 | 99.88 | 0.09 | 99.91 | 0.00 | 0.12 | 99.88 | 0.00 | 0.04 | 99.96 | 0.00 | N/A | N/A | N/A |

Table 5.B. Percent of Students Meeting Embedded Field Test Blueprint

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Content Area and Grade** | **N** | **Overall Percent of Students Meeting Blueprints** | **Claim 1 Not Meeting** | **Claim 1 Meeting** | **Claim 1 Exceeding** | **Claim 2 Not Meeting** | **Claim 2 Meeting** | **Claim 2 Exceeding** | **Claim 3 Not Meeting** | **Claim 3 Meeting** | **Claim 3 Exceeding** | **Claim 4 Not Meeting** | **Claim 4 Meeting** | **Claim 4 Exceeding** |
| ELA 3 | 2,457 | 99.84 | 0.12 | 99.88 | 0.00 | 0.16 | 99.84 | 0.00 | 0.08 | 99.92 | 0.00 | 0.16 | 99.84 | 0.00 |
| ELA 4 | 2,321 | 99.96 | 0.00 | 100.00 | 0.00 | 0.04 | 99.96 | 0.00 | 0.04 | 99.96 | 0.00 | 0.04 | 99.96 | 0.00 |
| ELA 5 | 2,214 | 99.82 | 0.09 | 99.91 | 0.00 | 0.18 | 99.82 | 0.00 | 0.18 | 99.82 | 0.00 | 0.18 | 99.82 | 0.00 |
| ELA 6 | 5,216 | 99.73 | 0.27 | 99.73 | 0.00 | 0.25 | 99.75 | 0.00 | 0.25 | 99.75 | 0.00 | 0.27 | 99.73 | 0.00 |
| ELA 7 | 4,044 | 99.80 | 0.20 | 99.80 | 0.00 | 0.15 | 99.85 | 0.00 | 0.12 | 99.88 | 0.00 | 0.20 | 99.80 | 0.00 |
| ELA 8 | 1,960 | 99.69 | 0.20 | 99.80 | 0.00 | 0.26 | 99.74 | 0.00 | 0.26 | 99.74 | 0.00 | 0.31 | 99.69 | 0.00 |
| ELA 11 | 2,263 | 99.51 | 0.44 | 99.56 | 0.00 | 0.49 | 99.51 | 0.00 | 0.40 | 99.60 | 0.00 | 0.49 | 99.51 | 0.00 |
| Mathematics 3 | 4,238 | 99.86 | 0.07 | 99.91 | 0.02 | 0.14 | 99.86 | 0.00 | 0.09 | 99.91 | 0.00 | N/A | N/A | N/A |
| Mathematics 4 | 4,520 | 99.87 | 0.11 | 99.89 | 0.00 | 0.13 | 99.87 | 0.00 | 0.11 | 99.89 | 0.00 | N/A | N/A | N/A |
| Mathematics 5 | 4,297 | 99.84 | 0.05 | 99.95 | 0.00 | 0.16 | 99.84 | 0.00 | 0.14 | 99.86 | 0.00 | N/A | N/A | N/A |
| Mathematics 6 | 6,609 | 99.85 | 0.11 | 99.89 | 0.00 | 0.08 | 99.92 | 0.00 | 0.15 | 99.85 | 0.00 | N/A | N/A | N/A |
| Mathematics 7 | 5,170 | 99.88 | 0.12 | 99.88 | 0.00 | 0.08 | 99.92 | 0.00 | 0.08 | 99.92 | 0.00 | N/A | N/A | N/A |
| Mathematics 8 | 3,303 | 99.79 | 0.18 | 99.82 | 0.00 | 0.18 | 99.79 | 0.03 | 0.21 | 99.79 | 0.00 | N/A | N/A | N/A |
| Mathematics 11 | 3,268 | 99.85 | 0.09 | 99.91 | 0.00 | 0.15 | 99.85 | 0.00 | 0.09 | 99.91 | 0.00 | N/A | N/A | N/A |