

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



# California Assessment of Student Performance and Progress Smarter Balanced Summative Assessment 2020–2021 Technical Report

## Chapter 5 Appendices

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**By ETS**



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

Table 5.A.1 Assignment Proportions for ELA

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Grade** | **Proportion** | **Genre** | **# of PTs** | **# of items** |
| 3 | 0.44 | Informative | 8 | 3 |
| 3 | 0.39 | Narrative | 7 | 3 |
| 3 | 0.17 | Opinion | 3 | 3 |
| 4 | 0.38 | Informative | 8 | 3 |
| 4 | 0.43 | Narrative | 9 | 3 |
| 4 | 0.19 | Opinion | 4 | 3 |
| 5 | 0.43 | Informative | 10 | 3 |
| 5 | 0.43 | Narrative | 10 | 3 |
| 5 | 0.14 | Opinion | 4 | 3 |
| 6 | 0.17 | Argumentative | 3 | 3 |
| 6 | 0.56 | Explanatory | 10 | 3 |
| 6 | 0.28 | Narrative | 5 | 3 |
| 7 | 0.35 | Argumentative | 8 | 3 |
| 7 | 0.44 | Explanatory | 10 | 3 |
| 7 | 0.22 | Narrative | 5 | 3 |
| 8 | 0.37 | Argumentative | 9 | 3 |
| 8 | 0.38 | Explanatory | 9 | 3 |
| 8 | 0.25 | Narrative | 6 | 3 |
| 11 | 0.57 | Argumentative | 13 | 3 |
| 11 | 0.43 | Explanatory | 10 | 3 |

### Appendix 5.B: Item Distribution

**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 CAT and PT components.

Table 5.B.1 Summary of Items Presented for the Total Test

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Content Area and Grade** | **No. Examinees Total** | **Min** | **25%** | **50%** | **75%** | **Max** | **Mean** | **Mode** |
| ELA 3 | 80,029 | 11 | 23 | 23 | 23 | 23 | 22.98 | 23 |
| ELA 4 | 82,494 | 12 | 23 | 23 | 23 | 23 | 22.98 | 23 |
| ELA 5 | 84,164 | 11 | 23 | 23 | 23 | 23 | 22.98 | 23 |
| ELA 6 | 87,259 | 11 | 25 | 25 | 25 | 25 | 24.92 | 25 |
| ELA 7 | 96,798 | 11 | 25 | 25 | 25 | 25 | 24.89 | 25 |
| ELA 8 | 98,297 | 11 | 25 | 25 | 25 | 25 | 24.91 | 25 |
| ELA 11 | 207,139 | 11 | 25 | 25 | 25 | 25 | 24.90 | 25 |
| Mathematics 3 | 85,277 | 12 | 22 | 23 | 23 | 23 | 22.62 | 23 |
| Mathematics 4 | 87,802 | 13 | 21 | 22 | 23 | 23 | 22.04 | 23 |
| Mathematics 5 | 89,402 | 12 | 22 | 23 | 23 | 23 | 22.52 | 23 |
| Mathematics 6 | 87,368 | 11 | 23 | 23 | 23 | 23 | 22.74 | 23 |
| Mathematics 7 | 96,828 | 12 | 22 | 22 | 23 | 23 | 22.08 | 22 |
| Mathematics 8 | 97,837 | 11 | 22 | 22 | 22 | 23 | 21.91 | 22 |
| Mathematics 11 | 199,959 | 12 | 23 | 23 | 23 | 24 | 23.05 | 23 |

Table 5.B.2 Summary of Items Presented in the CAT Component of the Test

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Content Area and Grade** | **No. Examinees Total** | **Min** | **25%** | **50%** | **75%** | **Max** | **Mean** | **Mode** |
| ELA 3 | 80,029 | 10 | 20 | 20 | 20 | 20 | 19.99 | 20 |
| ELA 4 | 82,494 | 10 | 20 | 20 | 20 | 20 | 19.99 | 20 |
| ELA 5 | 84,164 | 10 | 20 | 20 | 20 | 20 | 19.99 | 20 |
| ELA 6 | 87,259 | 10 | 22 | 22 | 22 | 22 | 21.94 | 22 |
| ELA 7 | 96,798 | 10 | 22 | 22 | 22 | 22 | 21.92 | 22 |
| ELA 8 | 98,297 | 10 | 22 | 22 | 22 | 22 | 21.93 | 22 |
| ELA 11 | 207,139 | 10 | 22 | 22 | 22 | 22 | 21.92 | 22 |
| Mathematics 3 | 85,277 | 10 | 17 | 17 | 17 | 17 | 17.00 | 17 |
| Mathematics 4 | 87,802 | 10 | 17 | 17 | 17 | 17 | 16.99 | 17 |
| Mathematics 5 | 89,402 | 10 | 17 | 17 | 17 | 17 | 16.99 | 17 |
| Mathematics 6 | 87,368 | 10 | 17 | 17 | 17 | 17 | 16.98 | 17 |
| Mathematics 7 | 96,828 | 10 | 17 | 17 | 17 | 17 | 16.97 | 17 |
| Mathematics 8 | 97,837 | 10 | 17 | 17 | 17 | 17 | 16.97 | 17 |
| Mathematics 11 | 199,959 | 10 | 18 | 18 | 18 | 18 | 17.98 | 18 |

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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Content Area and Grade** | **No. Examinees Total** | **Min** | **25%** | **50%** | **75%** | **Max** | **Mean** | **Mode** |
| ELA 3 | 80,029 | 1 | 3 | 3 | 3 | 3 | 2.99 | 3 |
| ELA 4 | 82,494 | 1 | 3 | 3 | 3 | 3 | 2.99 | 3 |
| ELA 5 | 84,164 | 1 | 3 | 3 | 3 | 3 | 2.99 | 3 |
| ELA 6 | 87,259 | 1 | 3 | 3 | 3 | 3 | 2.99 | 3 |
| ELA 7 | 96,798 | 1 | 3 | 3 | 3 | 3 | 2.98 | 3 |
| ELA 8 | 98,297 | 1 | 3 | 3 | 3 | 3 | 2.98 | 3 |
| ELA 11 | 207,139 | 1 | 3 | 3 | 3 | 3 | 2.98 | 3 |
| Mathematics 3 | 85,277 | 1 | 5 | 6 | 6 | 6 | 5.62 | 6 |
| Mathematics 4 | 87,802 | 1 | 4 | 5 | 6 | 6 | 5.04 | 6 |
| Mathematics 5 | 89,402 | 1 | 5 | 6 | 6 | 6 | 5.52 | 6 |
| Mathematics 6 | 87,368 | 1 | 6 | 6 | 6 | 6 | 5.76 | 6 |
| Mathematics 7 | 96,828 | 1 | 5 | 5 | 6 | 6 | 5.11 | 5 |
| Mathematics 8 | 97,837 | 1 | 5 | 5 | 5 | 6 | 4.93 | 5 |
| Mathematics 11 | 199,959 | 1 | 5 | 5 | 5 | 6 | 5.07 | 5 |

Table 5.B. 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 | 80,029 | 99.32 | 0.05 | 99.95 | 0.00 | 0.65 | 99.35 | 0.00 | 0.13 | 99.87 | 0.00 | 0.16 | 99.84 | 0.00 |
| ELA 4 | 82,494 | 99.37 | 0.05 | 99.95 | 0.00 | 0.61 | 99.39 | 0.00 | 0.09 | 99.91 | 0.00 | 0.12 | 99.88 | 0.00 |
| ELA 5 | 84,164 | 99.34 | 0.07 | 99.93 | 0.00 | 0.64 | 99.36 | 0.00 | 0.15 | 99.85 | 0.00 | 0.19 | 99.81 | 0.00 |
| ELA 6 | 87,259 | 98.62 | 0.68 | 99.32 | 0.00 | 1.33 | 98.67 | 0.00 | 0.61 | 99.39 | 0.00 | 0.86 | 99.14 | 0.00 |
| ELA 7 | 96,798 | 97.90 | 0.98 | 99.02 | 0.00 | 2.02 | 97.98 | 0.00 | 0.69 | 99.31 | 0.00 | 1.26 | 98.74 | 0.00 |
| ELA 8 | 98,297 | 98.22 | 0.81 | 99.19 | 0.00 | 1.65 | 98.35 | 0.00 | 0.62 | 99.38 | 0.00 | 1.03 | 98.97 | 0.00 |
| ELA 11 | 207,139 | 97.98 | 0.89 | 99.11 | 0.00 | 1.95 | 98.05 | 0.00 | 0.76 | 99.24 | 0.00 | 1.16 | 98.84 | 0.00 |
| Mathematics 3 | 85,277 | 99.92 | 0.06 | 99.94 | 0.00 | 0.04 | 99.96 | 0.00 | 0.03 | 99.97 | 0.00 | N/A | N/A | N/A |
| Mathematics 4 | 87,802 | 99.89 | 0.09 | 99.91 | 0.00 | 0.06 | 99.94 | 0.00 | 0.05 | 99.95 | 0.00 | N/A | N/A | N/A |
| Mathematics 5 | 89,402 | 99.89 | 0.07 | 99.93 | 0.00 | 0.06 | 99.94 | 0.00 | 0.02 | 99.98 | 0.00 | N/A | N/A | N/A |
| Mathematics 6 | 87,368 | 99.66 | 0.31 | 99.69 | 0.00 | 0.04 | 99.96 | 0.00 | 0.01 | 93.77 | 6.22 | N/A | N/A | N/A |
| Mathematics 7 | 96,828 | 99.23 | 0.72 | 99.28 | 0.00 | 0.06 | 99.94 | 0.00 | 0.03 | 99.97 | 0.00 | N/A | N/A | N/A |
| Mathematics 8 | 97,837 | 99.27 | 0.69 | 99.31 | 0.00 | 0.20 | 99.80 | 0.00 | 0.01 | 99.99 | 0.00 | N/A | N/A | N/A |
| Mathematics 11 | 199,959 | 99.50 | 0.29 | 99.49 | 0.22 | 0.44 | 99.56 | 0.00 | 0.06 | 99.94 | 0.00 | N/A | N/A | N/A |