

**2022 STAAR Alternate 2
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Table C.4.1. Spring 2022 STAAR Alternate 2 Grade 3 Total Group

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 6,586 | 30.06 | 7.26 | 0.85 | 2.76 | 1.5 |
| | Numerical Representations and Relationships | 16 | 6,586 | 12.55 | 3.36 | 0.75 | 1.65 | 1.57 |
| | Computations and Algebraic Relationships | 8 | 6,586 | 5.81 | 1.78 | 0.48 | 1.28 | 1.45 |
| | Geometry and Measurement | 8 | 6,586 | 5.86 | 1.92 | 0.57 | 1.25 | 1.46 |
| | Data Analysis and Personal Financial Literacy | 8 | 6,586 | 5.84 | 1.71 | 0.43 | 1.28 | 1.46 |
| READING | OVERALL TEST | 40 | 6,583 | 29.60 | 7.13 | 0.84 | 2.80 | 1.48 |
| | Understanding Across Genres | 8 | 6,583 | 6.73 | 1.70 | 0.60 | 1.06 | 1.68 |
| | Understanding/Analysis of Literary Texts | 16 | 6,583 | 11.37 | 3.33 | 0.68 | 1.85 | 1.42 |
| | Understanding/Analysis of Informational Text | 16 | 6,583 | 11.50 | 3.06 | 0.64 | 1.81 | 1.44 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.2. Spring 2022 STAAR Alternate 2 Grade 3 Female

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 2,029 | 29.94 | 6.98 | 0.84 | 2.79 | 1.5 |
| | Numerical Representations and Relationships | 16 | 2,029 | 12.43 | 3.23 | 0.72 | 1.69 | 1.55 |
| | Computations and Algebraic Relationships | 8 | 2,029 | 5.75 | 1.74 | 0.44 | 1.31 | 1.44 |
| | Geometry and Measurement | 8 | 2,029 | 5.91 | 1.89 | 0.58 | 1.22 | 1.48 |
| | Data Analysis and Personal Financial Literacy | 8 | 2,029 | 5.85 | 1.70 | 0.42 | 1.29 | 1.46 |
| READING | OVERALL TEST | 40 | 2,028 | 29.91 | 6.96 | 0.84 | 2.78 | 1.5 |
| | Understanding Across Genres | 8 | 2,028 | 6.79 | 1.63 | 0.58 | 1.06 | 1.7 |
| | Understanding/Analysis of Literary Texts | 16 | 2,028 | 11.53 | 3.26 | 0.68 | 1.84 | 1.44 |
| | Understanding/Analysis of Informational Text | 16 | 2,028 | 11.58 | 3.01 | 0.64 | 1.80 | 1.45 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.3. Spring 2022 STAAR Alternate 2 Grade 3 Male

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 4,546 | 30.11 | 7.39 | 0.86 | 2.75 | 1.51 |
| | Numerical Representations and Relationships | 16 | 4,546 | 12.60 | 3.42 | 0.77 | 1.64 | 1.58 |
| | Computations and Algebraic Relationships | 8 | 4,546 | 5.84 | 1.80 | 0.49 | 1.27 | 1.46 |
| | Geometry and Measurement | 8 | 4,546 | 5.83 | 1.94 | 0.57 | 1.26 | 1.46 |
| | Data Analysis and Personal Financial Literacy | 8 | 4,546 | 5.83 | 1.72 | 0.44 | 1.27 | 1.46 |
| READING | OVERALL TEST | 40 | 4,544 | 29.45 | 7.21 | 0.84 | 2.81 | 1.47 |
| | Understanding Across Genres | 8 | 4,544 | 6.69 | 1.73 | 0.61 | 1.07 | 1.67 |
| | Understanding/Analysis of Literary Texts | 16 | 4,544 | 11.29 | 3.36 | 0.69 | 1.86 | 1.41 |
| | Understanding/Analysis of Informational Text | 16 | 4,544 | 11.46 | 3.08 | 0.64 | 1.81 | 1.43 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.4. Spring 2022 STAAR Alternate 2 Grade 3 Black or African-American

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,114 | 30.40 | 7.40 | 0.86 | 2.72 | 1.52 |
| | Numerical Representations and Relationships | 16 | 1,114 | 12.64 | 3.41 | 0.77 | 1.62 | 1.58 |
| | Computations and Algebraic Relationships | 8 | 1,114 | 5.85 | 1.80 | 0.51 | 1.25 | 1.46 |
| | Geometry and Measurement | 8 | 1,114 | 5.96 | 2.02 | 0.63 | 1.22 | 1.49 |
| | Data Analysis and Personal Financial Literacy | 8 | 1,114 | 5.94 | 1.66 | 0.41 | 1.27 | 1.49 |
| READING | OVERALL TEST | 40 | 1,114 | 30.16 | 7.09 | 0.84 | 2.77 | 1.51 |
| | Understanding Across Genres | 8 | 1,114 | 6.83 | 1.66 | 0.61 | 1.03 | 1.71 |
| | Understanding/Analysis of Literary Texts | 16 | 1,114 | 11.64 | 3.31 | 0.68 | 1.84 | 1.45 |
| | Understanding/Analysis of Informational Text | 16 | 1,114 | 11.69 | 3.07 | 0.65 | 1.80 | 1.46 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.5. Spring 2022 STAAR Alternate 2 Grade 3 Hispanic or Latino

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 3,628 | 30.53 | 7.00 | 0.84 | 2.72 | 1.53 |
| | Numerical Representations and Relationships | 16 | 3,628 | 12.77 | 3.24 | 0.74 | 1.62 | 1.6 |
| | Computations and Algebraic Relationships | 8 | 3,628 | 5.92 | 1.74 | 0.46 | 1.27 | 1.48 |
| | Geometry and Measurement | 8 | 3,628 | 5.93 | 1.87 | 0.56 | 1.23 | 1.48 |
| | Data Analysis and Personal Financial Literacy | 8 | 3,628 | 5.92 | 1.67 | 0.42 | 1.26 | 1.48 |
| READING | OVERALL TEST | 40 | 3,625 | 29.95 | 6.91 | 0.84 | 2.76 | 1.5 |
| | Understanding Across Genres | 8 | 3,625 | 6.77 | 1.65 | 0.59 | 1.04 | 1.69 |
| | Understanding/Analysis of Literary Texts | 16 | 3,625 | 11.55 | 3.23 | 0.67 | 1.82 | 1.44 |
| | Understanding/Analysis of Informational Text | 16 | 3,625 | 11.63 | 3.00 | 0.64 | 1.79 | 1.45 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.6. Spring 2022 STAAR Alternate 2 Grade 3 White

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,246 | 29.30 | 7.46 | 0.86 | 2.83 | 1.47 |
| | Numerical Representations and Relationships | 16 | 1,246 | 12.24 | 3.48 | 0.76 | 1.69 | 1.53 |
| | Computations and Algebraic Relationships | 8 | 1,246 | 5.60 | 1.84 | 0.48 | 1.33 | 1.4 |
| | Geometry and Measurement | 8 | 1,246 | 5.79 | 1.93 | 0.57 | 1.26 | 1.45 |
| | Data Analysis and Personal Financial Literacy | 8 | 1,246 | 5.67 | 1.76 | 0.46 | 1.30 | 1.42 |
| READING | OVERALL TEST | 40 | 1,246 | 28.91 | 7.42 | 0.85 | 2.86 | 1.45 |
| | Understanding Across Genres | 8 | 1,246 | 6.61 | 1.80 | 0.63 | 1.09 | 1.65 |
| | Understanding/Analysis of Literary Texts | 16 | 1,246 | 11.02 | 3.43 | 0.69 | 1.90 | 1.38 |
| | Understanding/Analysis of Informational Text | 16 | 1,246 | 11.28 | 3.11 | 0.64 | 1.84 | 1.41 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.7. Spring 2022 STAAR Alternate 2 Grade 4 Total Group

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,094 | 30.97 | 6.76 | 0.84 | 2.68 | 1.55 |
| | Numerical Representations and Relationships | 8 | 1,094 | 6.26 | 1.73 | 0.55 | 1.14 | 1.56 |
| | Computations and Algebraic Relationships | 8 | 1,094 | 5.83 | 1.84 | 0.51 | 1.29 | 1.46 |
| | Geometry and Measurement | 16 | 1,094 | 12.80 | 2.85 | 0.67 | 1.60 | 1.6 |
| | Data Analysis and Personal Financial Literacy | 8 | 1,094 | 6.08 | 1.86 | 0.54 | 1.26 | 1.52 |
| READING | OVERALL TEST | 40 | 1,092 | 31.29 | 6.51 | 0.83 | 2.66 | 1.56 |
| | Understanding Across Genres | 8 | 1,092 | 6.05 | 1.58 | 0.37 | 1.23 | 1.51 |
| | Understanding/Analysis of Literary Texts | 16 | 1,092 | 12.88 | 3.16 | 0.73 | 1.63 | 1.61 |
| | Understanding/Analysis of Informational Text | 16 | 1,092 | 12.37 | 2.79 | 0.62 | 1.69 | 1.55 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.8. Spring 2022 STAAR Alternate 2 Grade 4 Female

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 3,522 | 31.22 | 6.56 | 0.84 | 2.61 | 1.56 |
| | Numerical Representations and Relationships | 8 | 3,522 | 6.30 | 1.67 | 0.54 | 1.13 | 1.57 |
| | Computations and Algebraic Relationships | 8 | 3,522 | 5.88 | 1.79 | 0.50 | 1.26 | 1.47 |
| | Geometry and Measurement | 16 | 3,522 | 12.91 | 2.77 | 0.69 | 1.55 | 1.61 |
| | Data Analysis and Personal Financial Literacy | 8 | 3,522 | 6.13 | 1.78 | 0.51 | 1.25 | 1.53 |
| READING | OVERALL TEST | 40 | 3,523 | 31.60 | 6.11 | 0.82 | 2.59 | 1.58 |
| | Understanding Across Genres | 8 | 3,523 | 6.15 | 1.55 | 0.38 | 1.21 | 1.54 |
| | Understanding/Analysis of Literary Texts | 16 | 3,523 | 12.95 | 2.89 | 0.69 | 1.60 | 1.62 |
| | Understanding/Analysis of Informational Text | 16 | 3,523 | 12.50 | 2.65 | 0.61 | 1.65 | 1.56 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.9. Spring 2022 STAAR Alternate 2 Grade 4 Male

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,270 | 30.39 | 7.01 | 0.85 | 2.71 | 1.52 |
| | Numerical Representations and Relationships | 8 | 1,270 | 6.16 | 1.77 | 0.57 | 1.16 | 1.54 |
| | Computations and Algebraic Relationships | 8 | 1,270 | 5.72 | 1.86 | 0.51 | 1.29 | 1.43 |
| | Geometry and Measurement | 16 | 1,270 | 12.55 | 2.94 | 0.69 | 1.62 | 1.57 |
| | Data Analysis and Personal Financial Literacy | 8 | 1,270 | 5.95 | 1.87 | 0.52 | 1.29 | 1.49 |
| READING | OVERALL TEST | 40 | 1,269 | 30.82 | 6.56 | 0.82 | 2.70 | 1.54 |
| | Understanding Across Genres | 8 | 1,269 | 6.08 | 1.64 | 0.39 | 1.26 | 1.52 |
| | Understanding/Analysis of Literary Texts | 16 | 1,269 | 12.60 | 3.12 | 0.70 | 1.68 | 1.57 |
| | Understanding/Analysis of Informational Text | 16 | 1,269 | 12.14 | 2.77 | 0.60 | 1.72 | 1.52 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.10. Spring 2022 STAAR Alternate 2 Grade 4 Black or African-American

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 6,408 | 30.84 | 6.78 | 0.84 | 2.67 | 1.54 |
| | Numerical Representations and Relationships | 8 | 6,408 | 6.23 | 1.71 | 0.54 | 1.15 | 1.56 |
| | Computations and Algebraic Relationships | 8 | 6,408 | 5.81 | 1.83 | 0.51 | 1.28 | 1.45 |
| | Geometry and Measurement | 16 | 6,408 | 12.74 | 2.87 | 0.69 | 1.59 | 1.59 |
| | Data Analysis and Personal Financial Literacy | 8 | 6,408 | 6.06 | 1.83 | 0.51 | 1.27 | 1.51 |
| READING | OVERALL TEST | 40 | 6,404 | 31.22 | 6.37 | 0.82 | 2.64 | 1.56 |
| | Understanding Across Genres | 8 | 6,404 | 6.10 | 1.59 | 0.39 | 1.23 | 1.52 |
| | Understanding/Analysis of Literary Texts | 16 | 6,404 | 12.79 | 3.04 | 0.70 | 1.63 | 1.6 |
| | Understanding/Analysis of Informational Text | 16 | 6,404 | 12.33 | 2.74 | 0.61 | 1.68 | 1.54 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.11. Spring 2022 STAAR Alternate 2 Grade 4 Hispanic or Latino

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 2,039 | 30.89 | 6.72 | 0.84 | 2.64 | 1.54 |
| | Numerical Representations and Relationships | 8 | 2,039 | 6.20 | 1.68 | 0.52 | 1.15 | 1.55 |
| | Computations and Algebraic Relationships | 8 | 2,039 | 5.85 | 1.78 | 0.49 | 1.27 | 1.46 |
| | Geometry and Measurement | 16 | 2,039 | 12.74 | 2.83 | 0.69 | 1.57 | 1.59 |
| | Data Analysis and Personal Financial Literacy | 8 | 2,039 | 6.09 | 1.85 | 0.54 | 1.25 | 1.52 |
| READING | OVERALL TEST | 40 | 2,037 | 31.43 | 6.33 | 0.83 | 2.60 | 1.57 |
| | Understanding Across Genres | 8 | 2,037 | 6.06 | 1.56 | 0.38 | 1.23 | 1.52 |
| | Understanding/Analysis of Literary Texts | 16 | 2,037 | 12.93 | 3.05 | 0.72 | 1.59 | 1.62 |
| | Understanding/Analysis of Informational Text | 16 | 2,037 | 12.44 | 2.72 | 0.63 | 1.65 | 1.55 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.12. Spring 2022 STAAR Alternate 2 Grade 4 White

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 4,346 | 30.82 | 6.79 | 0.84 | 2.68 | 1.54 |
| | Numerical Representations and Relationships | 8 | 4,346 | 6.25 | 1.73 | 0.55 | 1.14 | 1.56 |
| | Computations and Algebraic Relationships | 8 | 4,346 | 5.79 | 1.84 | 0.51 | 1.28 | 1.45 |
| | Geometry and Measurement | 16 | 4,346 | 12.74 | 2.89 | 0.69 | 1.59 | 1.59 |
| | Data Analysis and Personal Financial Literacy | 8 | 4,346 | 6.04 | 1.82 | 0.50 | 1.28 | 1.51 |
| READING | OVERALL TEST | 40 | 4,344 | 31.13 | 6.38 | 0.82 | 2.66 | 1.56 |
| | Understanding Across Genres | 8 | 4,344 | 6.11 | 1.60 | 0.39 | 1.23 | 1.53 |
| | Understanding/Analysis of Literary Texts | 16 | 4,344 | 12.73 | 3.03 | 0.70 | 1.65 | 1.59 |
| | Understanding/Analysis of Informational Text | 16 | 4,344 | 12.29 | 2.74 | 0.60 | 1.70 | 1.54 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.13. Spring 2022 STAAR Alternate 2 Grade 5 Total Group

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 6,205 | 31.65 | 6.58 | 0.84 | 2.59 | 1.58 |
| | Numerical Representations and Relationships | 8 | 6,205 | 6.11 | 1.62 | 0.46 | 1.19 | 1.53 |
| | Computations and Algebraic Relationships | 8 | 6,205 | 5.96 | 1.87 | 0.56 | 1.24 | 1.49 |
| | Geometry and Measurement | 16 | 6,205 | 13.34 | 2.81 | 0.70 | 1.52 | 1.67 |
| | Data Analysis and Personal Financial Literacy | 8 | 6,205 | 6.23 | 1.65 | 0.46 | 1.21 | 1.56 |
| READING | OVERALL TEST | 40 | 6,203 | 31.69 | 6.19 | 0.81 | 2.63 | 1.58 |
| | Understanding Across Genres | 8 | 6,203 | 6.86 | 1.54 | 0.52 | 1.05 | 1.72 |
| | Understanding/Analysis of Literary Texts | 16 | 6,203 | 12.51 | 2.89 | 0.63 | 1.72 | 1.56 |
| | Understanding/Analysis of Informational Text | 16 | 6,203 | 12.31 | 2.68 | 0.58 | 1.71 | 1.54 |
| SCIENCE | OVERALL TEST | 40 | 6,200 | 32.69 | 6.50 | 0.85 | 2.44 | 1.63 |
| | Matter and Energy | 8 | 6,200 | 6.73 | 1.60 | 0.54 | 1.06 | 1.68 |
| | Force, Motion, and Energy | 8 | 6,200 | 6.20 | 1.61 | 0.45 | 1.18 | 1.55 |
| | Earth and Space | 16 | 6,200 | 12.73 | 2.95 | 0.69 | 1.62 | 1.59 |
| | Organisms and Environments | 8 | 6,200 | 7.02 | 1.43 | 0.54 | 0.96 | 1.76 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.14. Spring 2022 STAAR Alternate 2 Grade 5 Female

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 2,062 | 31.32 | 6.43 | 0.83 | 2.62 | 1.57 |
| | Numerical Representations and Relationships | 8 | 2,062 | 6.03 | 1.59 | 0.43 | 1.19 | 1.51 |
| | Computations and Algebraic Relationships | 8 | 2,062 | 5.88 | 1.86 | 0.54 | 1.26 | 1.47 |
| | Geometry and Measurement | 16 | 2,062 | 13.23 | 2.75 | 0.67 | 1.54 | 1.65 |
| | Data Analysis and Personal Financial Literacy | 8 | 2,062 | 6.18 | 1.63 | 0.44 | 1.22 | 1.54 |
| READING | OVERALL TEST | 40 | 2,062 | 31.82 | 6.10 | 0.81 | 2.61 | 1.59 |
| | Understanding Across Genres | 8 | 2,062 | 6.91 | 1.53 | 0.56 | 1.01 | 1.73 |
| | Understanding/Analysis of Literary Texts | 16 | 2,062 | 12.56 | 2.84 | 0.63 | 1.72 | 1.57 |
| | Understanding/Analysis of Informational Text | 16 | 2,062 | 12.35 | 2.66 | 0.58 | 1.70 | 1.54 |
| SCIENCE | OVERALL TEST | 40 | 2,059 | 32.61 | 6.33 | 0.85 | 2.45 | 1.63 |
| | Matter and Energy | 8 | 2,059 | 6.71 | 1.60 | 0.54 | 1.07 | 1.68 |
| | Force, Motion, and Energy | 8 | 2,059 | 6.14 | 1.58 | 0.43 | 1.19 | 1.53 |
| | Earth and Space | 16 | 2,059 | 12.75 | 2.90 | 0.68 | 1.62 | 1.59 |
| | Organisms and Environments | 8 | 2,059 | 7.02 | 1.39 | 0.52 | 0.95 | 1.75 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.15. Spring 2022 STAAR Alternate 2 Grade 5 Male

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 4,136 | 31.81 | 6.66 | 0.84 | 2.57 | 1.59 |
| | Numerical Representations and Relationships | 8 | 4,136 | 6.15 | 1.64 | 0.47 | 1.18 | 1.54 |
| | Computations and Algebraic Relationships | 8 | 4,136 | 6.01 | 1.87 | 0.56 | 1.22 | 1.5 |
| | Geometry and Measurement | 16 | 4,136 | 13.39 | 2.84 | 0.71 | 1.51 | 1.67 |
| | Data Analysis and Personal Financial Literacy | 8 | 4,136 | 6.26 | 1.66 | 0.47 | 1.20 | 1.56 |
| READING | OVERALL TEST | 40 | 4,134 | 31.61 | 6.23 | 0.81 | 2.64 | 1.58 |
| | Understanding Across Genres | 8 | 4,134 | 6.84 | 1.54 | 0.51 | 1.07 | 1.71 |
| | Understanding/Analysis of Literary Texts | 16 | 4,134 | 12.49 | 2.91 | 0.64 | 1.72 | 1.56 |
| | Understanding/Analysis of Informational Text | 16 | 4,134 | 12.29 | 2.69 | 0.58 | 1.71 | 1.54 |
| SCIENCE | OVERALL TEST | 40 | 4,134 | 32.72 | 6.59 | 0.86 | 2.43 | 1.64 |
| | Matter and Energy | 8 | 4,134 | 6.74 | 1.60 | 0.54 | 1.06 | 1.68 |
| | Force, Motion, and Energy | 8 | 4,134 | 6.24 | 1.62 | 0.46 | 1.17 | 1.56 |
| | Earth and Space | 16 | 4,134 | 12.72 | 2.98 | 0.70 | 1.62 | 1.59 |
| | Organisms and Environments | 8 | 4,134 | 7.03 | 1.45 | 0.54 | 0.96 | 1.76 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.16. Spring 2022 STAAR Alternate 2 Grade 5 Black or African-American

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,095 | 31.28 | 6.68 | 0.84 | 2.61 | 1.56 |
| | Numerical Representations and Relationships | 8 | 1,095 | 5.97 | 1.62 | 0.43 | 1.20 | 1.49 |
| | Computations and Algebraic Relationships | 8 | 1,095 | 5.88 | 1.95 | 0.59 | 1.23 | 1.47 |
| | Geometry and Measurement | 16 | 1,095 | 13.29 | 2.85 | 0.70 | 1.53 | 1.66 |
| | Data Analysis and Personal Financial Literacy | 8 | 1,095 | 6.14 | 1.69 | 0.47 | 1.22 | 1.54 |
| READING | OVERALL TEST | 40 | 1,094 | 31.77 | 6.41 | 0.82 | 2.62 | 1.59 |
| | Understanding Across Genres | 8 | 1,094 | 6.89 | 1.58 | 0.55 | 1.04 | 1.72 |
| | Understanding/Analysis of Literary Texts | 16 | 1,094 | 12.67 | 2.95 | 0.66 | 1.68 | 1.58 |
| | Understanding/Analysis of Informational Text | 16 | 1,094 | 12.21 | 2.72 | 0.57 | 1.75 | 1.53 |
| SCIENCE | OVERALL TEST | 40 | 1,095 | 32.66 | 6.78 | 0.86 | 2.41 | 1.63 |
| | Matter and Energy | 8 | 1,095 | 6.77 | 1.62 | 0.55 | 1.03 | 1.69 |
| | Force, Motion, and Energy | 8 | 1,095 | 6.17 | 1.60 | 0.43 | 1.18 | 1.54 |
| | Earth and Space | 16 | 1,095 | 12.68 | 3.13 | 0.72 | 1.61 | 1.58 |
| | Organisms and Environments | 8 | 1,095 | 7.04 | 1.48 | 0.55 | 0.94 | 1.76 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.17. Spring 2022 STAAR Alternate 2 Grade 5 Hispanic or Latino

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 3,437 | 32.15 | 6.39 | 0.84 | 2.53 | 1.61 |
| | Numerical Representations and Relationships | 8 | 3,437 | 6.22 | 1.59 | 0.45 | 1.16 | 1.56 |
| | Computations and Algebraic Relationships | 8 | 3,437 | 6.08 | 1.83 | 0.55 | 1.21 | 1.52 |
| | Geometry and Measurement | 16 | 3,437 | 13.50 | 2.70 | 0.68 | 1.49 | 1.69 |
| | Data Analysis and Personal Financial Literacy | 8 | 3,437 | 6.34 | 1.62 | 0.45 | 1.18 | 1.58 |
| READING | OVERALL TEST | 40 | 3,439 | 32.03 | 5.99 | 0.80 | 2.58 | 1.6 |
| | Understanding Across Genres | 8 | 3,439 | 6.93 | 1.48 | 0.52 | 1.01 | 1.73 |
| | Understanding/Analysis of Literary Texts | 16 | 3,439 | 12.66 | 2.79 | 0.62 | 1.69 | 1.58 |
| | Understanding/Analysis of Informational Text | 16 | 3,439 | 12.44 | 2.64 | 0.58 | 1.67 | 1.56 |
| SCIENCE | OVERALL TEST | 40 | 3,435 | 33.06 | 6.25 | 0.85 | 2.39 | 1.65 |
| | Matter and Energy | 8 | 3,435 | 6.80 | 1.54 | 0.53 | 1.04 | 1.7 |
| | Force, Motion, and Energy | 8 | 3,435 | 6.27 | 1.57 | 0.43 | 1.16 | 1.57 |
| | Earth and Space | 16 | 3,435 | 12.89 | 2.86 | 0.68 | 1.58 | 1.61 |
| | Organisms and Environments | 8 | 3,435 | 7.09 | 1.36 | 0.51 | 0.93 | 1.77 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.18. Spring 2022 STAAR Alternate 2 Grade 5 White

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,167 | 31.21 | 6.65 | 0.84 | 2.63 | 1.56 |
| | Numerical Representations and Relationships | 8 | 1,167 | 6.04 | 1.65 | 0.47 | 1.19 | 1.51 |
| | Computations and Algebraic Relationships | 8 | 1,167 | 5.85 | 1.88 | 0.53 | 1.27 | 1.46 |
| | Geometry and Measurement | 16 | 1,167 | 13.18 | 2.92 | 0.70 | 1.56 | 1.65 |
| | Data Analysis and Personal Financial Literacy | 8 | 1,167 | 6.15 | 1.61 | 0.42 | 1.21 | 1.54 |
| READING | OVERALL TEST | 40 | 1,164 | 31.32 | 6.19 | 0.81 | 2.69 | 1.57 |
| | Understanding Across Genres | 8 | 1,164 | 6.78 | 1.58 | 0.51 | 1.09 | 1.69 |
| | Understanding/Analysis of Literary Texts | 16 | 1,164 | 12.32 | 2.93 | 0.63 | 1.76 | 1.54 |
| | Understanding/Analysis of Informational Text | 16 | 1,164 | 12.22 | 2.67 | 0.57 | 1.73 | 1.53 |
| SCIENCE | OVERALL TEST | 40 | 1,164 | 32.37 | 6.61 | 0.85 | 2.50 | 1.62 |
| | Matter and Energy | 8 | 1,164 | 6.65 | 1.67 | 0.57 | 1.09 | 1.66 |
| | Force, Motion, and Energy | 8 | 1,164 | 6.18 | 1.66 | 0.47 | 1.19 | 1.54 |
| | Earth and Space | 16 | 1,164 | 12.61 | 2.93 | 0.67 | 1.66 | 1.58 |
| | Organisms and Environments | 8 | 1,164 | 6.94 | 1.47 | 0.53 | 0.99 | 1.73 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.19. Spring 2022 STAAR Alternate 2 Grade 6 Total Group

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 6,176 | 31.49 | 6.55 | 0.84 | 2.59 | 1.57 |
| | Numerical Representations and Relationships | 8 | 6,176 | 5.92 | 1.73 | 0.47 | 1.25 | 1.48 |
| | Computations and Algebraic Relationships | 8 | 6,176 | 6.53 | 1.61 | 0.54 | 1.09 | 1.63 |
| | Geometry and Measurement | 8 | 6,176 | 6.58 | 1.64 | 0.54 | 1.10 | 1.64 |
| | Data Analysis and Personal Financial Literacy | 16 | 6,176 | 12.46 | 2.91 | 0.67 | 1.66 | 1.56 |
| READING | OVERALL TEST | 40 | 6,179 | 30.93 | 6.06 | 0.80 | 2.65 | 1.55 |
| | Understanding Across Genres | 8 | 6,179 | 5.82 | 1.56 | 0.35 | 1.26 | 1.45 |
| | Understanding/Analysis of Literary Texts | 16 | 6,179 | 12.60 | 2.80 | 0.65 | 1.64 | 1.57 |
| | Understanding/Analysis of Informational Text | 16 | 6,179 | 12.51 | 2.77 | 0.63 | 1.67 | 1.56 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.20. Spring 2022 STAAR Alternate 2 Grade 6 Female

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 2,096 | 31.42 | 6.52 | 0.84 | 2.58 | 1.57 |
| | Numerical Representations and Relationships | 8 | 2,096 | 5.86 | 1.74 | 0.47 | 1.26 | 1.47 |
| | Computations and Algebraic Relationships | 8 | 2,096 | 6.54 | 1.59 | 0.54 | 1.07 | 1.63 |
| | Geometry and Measurement | 8 | 2,096 | 6.53 | 1.63 | 0.54 | 1.10 | 1.63 |
| | Data Analysis and Personal Financial Literacy | 16 | 2,096 | 12.49 | 2.90 | 0.67 | 1.66 | 1.56 |
| READING | OVERALL TEST | 40 | 2,094 | 31.01 | 6.01 | 0.80 | 2.62 | 1.55 |
| | Understanding Across Genres | 8 | 2,094 | 5.78 | 1.55 | 0.35 | 1.24 | 1.45 |
| | Understanding/Analysis of Literary Texts | 16 | 2,094 | 12.66 | 2.76 | 0.65 | 1.62 | 1.58 |
| | Understanding/Analysis of Informational Text | 16 | 2,094 | 12.57 | 2.73 | 0.63 | 1.65 | 1.57 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.21. Spring 2022 STAAR Alternate 2 Grade 6 Male

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 4,066 | 31.53 | 6.57 | 0.84 | 2.59 | 1.58 |
| | Numerical Representations and Relationships | 8 | 4,066 | 5.95 | 1.73 | 0.47 | 1.25 | 1.49 |
| | Computations and Algebraic Relationships | 8 | 4,066 | 6.53 | 1.63 | 0.55 | 1.09 | 1.63 |
| | Geometry and Measurement | 8 | 4,066 | 6.61 | 1.64 | 0.55 | 1.10 | 1.65 |
| | Data Analysis and Personal Financial Literacy | 16 | 4,066 | 12.45 | 2.92 | 0.67 | 1.67 | 1.56 |
| READING | OVERALL TEST | 40 | 4,071 | 30.89 | 6.10 | 0.80 | 2.67 | 1.54 |
| | Understanding Across Genres | 8 | 4,071 | 5.84 | 1.57 | 0.34 | 1.26 | 1.46 |
| | Understanding/Analysis of Literary Texts | 16 | 4,071 | 12.56 | 2.81 | 0.65 | 1.65 | 1.57 |
| | Understanding/Analysis of Informational Text | 16 | 4,071 | 12.48 | 2.79 | 0.63 | 1.67 | 1.56 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.22. Spring 2022 STAAR Alternate 2 Grade 6 Black or African-American

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,113 | 31.61 | 6.41 | 0.83 | 2.59 | 1.58 |
| | Numerical Representations and Relationships | 8 | 1,113 | 6.00 | 1.72 | 0.49 | 1.22 | 1.5 |
| | Computations and Algebraic Relationships | 8 | 1,113 | 6.50 | 1.60 | 0.51 | 1.11 | 1.62 |
| | Geometry and Measurement | 8 | 1,113 | 6.62 | 1.59 | 0.51 | 1.11 | 1.65 |
| | Data Analysis and Personal Financial Literacy | 16 | 1,113 | 12.50 | 2.91 | 0.67 | 1.66 | 1.56 |
| READING | OVERALL TEST | 40 | 1,114 | 31.26 | 5.82 | 0.79 | 2.64 | 1.56 |
| | Understanding Across Genres | 8 | 1,114 | 5.90 | 1.52 | 0.33 | 1.25 | 1.47 |
| | Understanding/Analysis of Literary Texts | 16 | 1,114 | 12.75 | 2.69 | 0.63 | 1.64 | 1.59 |
| | Understanding/Analysis of Informational Text | 16 | 1,114 | 12.61 | 2.71 | 0.62 | 1.66 | 1.58 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.23. Spring 2022 STAAR Alternate 2 Grade 6 Hispanic or Latino

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 3,351 | 31.92 | 6.31 | 0.84 | 2.54 | 1.6 |
| | Numerical Representations and Relationships | 8 | 3,351 | 6.00 | 1.66 | 0.43 | 1.25 | 1.5 |
| | Computations and Algebraic Relationships | 8 | 3,351 | 6.64 | 1.56 | 0.55 | 1.05 | 1.66 |
| | Geometry and Measurement | 8 | 3,351 | 6.67 | 1.59 | 0.55 | 1.07 | 1.67 |
| | Data Analysis and Personal Financial Literacy | 16 | 3,351 | 12.61 | 2.83 | 0.66 | 1.64 | 1.58 |
| READING | OVERALL TEST | 40 | 3,355 | 31.28 | 5.95 | 0.81 | 2.60 | 1.56 |
| | Understanding Across Genres | 8 | 3,355 | 5.86 | 1.55 | 0.35 | 1.25 | 1.47 |
| | Understanding/Analysis of Literary Texts | 16 | 3,355 | 12.76 | 2.72 | 0.65 | 1.60 | 1.59 |
| | Understanding/Analysis of Informational Text | 16 | 3,355 | 12.66 | 2.72 | 0.64 | 1.62 | 1.58 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.24. Spring 2022 STAAR Alternate 2 Grade 6 White

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,248 | 30.96 | 6.76 | 0.84 | 2.64 | 1.55 |
| | Numerical Representations and Relationships | 8 | 1,248 | 5.76 | 1.82 | 0.50 | 1.27 | 1.44 |
| | Computations and Algebraic Relationships | 8 | 1,248 | 6.43 | 1.63 | 0.52 | 1.11 | 1.61 |
| | Geometry and Measurement | 8 | 1,248 | 6.44 | 1.68 | 0.52 | 1.15 | 1.61 |
| | Data Analysis and Personal Financial Literacy | 16 | 1,248 | 12.33 | 2.94 | 0.65 | 1.69 | 1.54 |
| READING | OVERALL TEST | 40 | 1,245 | 30.49 | 6.10 | 0.79 | 2.71 | 1.52 |
| | Understanding Across Genres | 8 | 1,245 | 5.75 | 1.57 | 0.34 | 1.26 | 1.44 |
| | Understanding/Analysis of Literary Texts | 16 | 1,245 | 12.41 | 2.84 | 0.63 | 1.69 | 1.55 |
| | Understanding/Analysis of Informational Text | 16 | 1,245 | 12.33 | 2.76 | 0.60 | 1.71 | 1.54 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.25. Spring 2022 STAAR Alternate 2 Grade 7 Total Group

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 6,120 | 31.67 | 6.06 | 0.81 | 2.55 | 1.58 |
| | Numerical Representations and Relationships | 8 | 6,120 | 6.50 | 1.57 | 0.47 | 1.13 | 1.62 |
| | Computations and Algebraic Relationships | 16 | 6,120 | 13.08 | 2.73 | 0.67 | 1.55 | 1.64 |
| | Geometry and Measurement | 8 | 6,120 | 6.02 | 1.63 | 0.42 | 1.23 | 1.5 |
| | Data Analysis and Personal Financial Literacy | 8 | 6,120 | 6.07 | 1.53 | 0.39 | 1.18 | 1.52 |
| READING | OVERALL TEST | 40 | 6,127 | 32.15 | 5.66 | 0.79 | 2.53 | 1.61 |
| | Understanding Across Genres | 8 | 6,127 | 6.33 | 1.51 | 0.38 | 1.17 | 1.58 |
| | Understanding/Analysis of Literary Texts | 16 | 6,127 | 12.98 | 2.55 | 0.60 | 1.58 | 1.62 |
| | Understanding/Analysis of Informational Text | 16 | 6,127 | 12.85 | 2.63 | 0.62 | 1.59 | 1.61 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.26. Spring 2022 STAAR Alternate 2 Grade 7 Female

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 2,096 | 31.30 | 5.97 | 0.80 | 2.58 | 1.56 |
| | Numerical Representations and Relationships | 8 | 2,096 | 6.34 | 1.58 | 0.43 | 1.16 | 1.59 |
| | Computations and Algebraic Relationships | 16 | 2,096 | 12.96 | 2.73 | 0.65 | 1.55 | 1.62 |
| | Geometry and Measurement | 8 | 2,096 | 6.01 | 1.57 | 0.36 | 1.24 | 1.5 |
| | Data Analysis and Personal Financial Literacy | 8 | 2,096 | 5.99 | 1.53 | 0.38 | 1.18 | 1.5 |
| READING | OVERALL TEST | 40 | 2,099 | 32.22 | 5.70 | 0.79 | 2.51 | 1.61 |
| | Understanding Across Genres | 8 | 2,099 | 6.29 | 1.49 | 0.35 | 1.18 | 1.57 |
| | Understanding/Analysis of Literary Texts | 16 | 2,099 | 13.03 | 2.51 | 0.58 | 1.58 | 1.63 |
| | Understanding/Analysis of Informational Text | 16 | 2,099 | 12.91 | 2.68 | 0.64 | 1.57 | 1.61 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.27. Spring 2022 STAAR Alternate 2 Grade 7 Male

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 4,013 | 31.86 | 6.09 | 0.82 | 2.54 | 1.59 |
| | Numerical Representations and Relationships | 8 | 4,013 | 6.58 | 1.56 | 0.49 | 1.11 | 1.64 |
| | Computations and Algebraic Relationships | 16 | 4,013 | 13.15 | 2.72 | 0.67 | 1.54 | 1.64 |
| | Geometry and Measurement | 8 | 4,013 | 6.03 | 1.65 | 0.45 | 1.22 | 1.51 |
| | Data Analysis and Personal Financial Literacy | 8 | 4,013 | 6.11 | 1.54 | 0.40 | 1.18 | 1.53 |
| READING | OVERALL TEST | 40 | 4,017 | 32.12 | 5.64 | 0.79 | 2.54 | 1.61 |
| | Understanding Across Genres | 8 | 4,017 | 6.35 | 1.51 | 0.40 | 1.16 | 1.59 |
| | Understanding/Analysis of Literary Texts | 16 | 4,017 | 12.95 | 2.57 | 0.61 | 1.59 | 1.62 |
| | Understanding/Analysis of Informational Text | 16 | 4,017 | 12.82 | 2.61 | 0.62 | 1.60 | 1.6 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.28. Spring 2022 STAAR Alternate 2 Grade 7 Black or African-American

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,113 | 31.67 | 5.80 | 0.81 | 2.56 | 1.58 |
| | Numerical Representations and Relationships | 8 | 1,113 | 6.51 | 1.54 | 0.49 | 1.11 | 1.63 |
| | Computations and Algebraic Relationships | 16 | 1,113 | 13.13 | 2.59 | 0.64 | 1.56 | 1.64 |
| | Geometry and Measurement | 8 | 1,113 | 5.93 | 1.57 | 0.38 | 1.24 | 1.48 |
| | Data Analysis and Personal Financial Literacy | 8 | 1,113 | 6.10 | 1.52 | 0.40 | 1.19 | 1.53 |
| READING | OVERALL TEST | 40 | 1,116 | 32.31 | 5.37 | 0.78 | 2.54 | 1.62 |
| | Understanding Across Genres | 8 | 1,116 | 6.33 | 1.48 | 0.40 | 1.16 | 1.58 |
| | Understanding/Analysis of Literary Texts | 16 | 1,116 | 13.06 | 2.52 | 0.61 | 1.59 | 1.63 |
| | Understanding/Analysis of Informational Text | 16 | 1,116 | 12.93 | 2.49 | 0.59 | 1.60 | 1.62 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.29. Spring 2022 STAAR Alternate 2 Grade 7 Hispanic or Latino

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 3,311 | 32.07 | 6.03 | 0.83 | 2.49 | 1.6 |
| | Numerical Representations and Relationships | 8 | 3,311 | 6.57 | 1.54 | 0.47 | 1.11 | 1.64 |
| | Computations and Algebraic Relationships | 16 | 3,311 | 13.23 | 2.71 | 0.69 | 1.50 | 1.65 |
| | Geometry and Measurement | 8 | 3,311 | 6.11 | 1.62 | 0.45 | 1.20 | 1.53 |
| | Data Analysis and Personal Financial Literacy | 8 | 3,311 | 6.16 | 1.52 | 0.42 | 1.15 | 1.54 |
| READING | OVERALL TEST | 40 | 3,311 | 32.52 | 5.60 | 0.80 | 2.47 | 1.63 |
| | Understanding Across Genres | 8 | 3,311 | 6.39 | 1.48 | 0.40 | 1.15 | 1.6 |
| | Understanding/Analysis of Literary Texts | 16 | 3,311 | 13.13 | 2.50 | 0.61 | 1.55 | 1.64 |
| | Understanding/Analysis of Informational Text | 16 | 3,311 | 13.00 | 2.61 | 0.64 | 1.55 | 1.62 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.30. Spring 2022 STAAR Alternate 2 Grade 7 White

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,309 | 31.00 | 6.23 | 0.79 | 2.65 | 1.55 |
| | Numerical Representations and Relationships | 8 | 1,309 | 6.35 | 1.66 | 0.47 | 1.16 | 1.59 |
| | Computations and Algebraic Relationships | 16 | 1,309 | 12.80 | 2.83 | 0.63 | 1.61 | 1.6 |
| | Geometry and Measurement | 8 | 1,309 | 5.95 | 1.67 | 0.38 | 1.27 | 1.49 |
| | Data Analysis and Personal Financial Literacy | 8 | 1,309 | 5.90 | 1.58 | 0.34 | 1.22 | 1.48 |
| READING | OVERALL TEST | 40 | 1,312 | 31.60 | 5.89 | 0.77 | 2.59 | 1.58 |
| | Understanding Across Genres | 8 | 1,312 | 6.25 | 1.53 | 0.31 | 1.21 | 1.56 |
| | Understanding/Analysis of Literary Texts | 16 | 1,312 | 12.73 | 2.64 | 0.57 | 1.62 | 1.59 |
| | Understanding/Analysis of Informational Text | 16 | 1,312 | 12.62 | 2.73 | 0.59 | 1.63 | 1.58 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.31. Spring 2022 STAAR Alternate 2 Grade 8 Total Group

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|----------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 5,798 | 31.52 | 5.91 | 0.80 | 2.60 | 1.58 |
| | Numerical Representations and Relationships | 8 | 5,798 | 6.31 | 1.59 | 0.44 | 1.18 | 1.58 |
| | Computations and Algebraic Relationships | 8 | 5,798 | 5.95 | 1.52 | 0.32 | 1.24 | 1.49 |
| | Geometry and Measurement | 16 | 5,798 | 12.99 | 2.74 | 0.67 | 1.55 | 1.62 |
| | Data Analysis and Personal Financial Literacy | 8 | 5,798 | 6.27 | 1.63 | 0.46 | 1.18 | 1.57 |
| READING | OVERALL TEST | 40 | 5,794 | 32.53 | 6.08 | 0.83 | 2.47 | 1.63 |
| | Understanding Across Genres | 8 | 5,794 | 6.27 | 1.55 | 0.42 | 1.17 | 1.57 |
| | Understanding/Analysis of Literary Texts | 16 | 5,794 | 12.94 | 2.90 | 0.72 | 1.53 | 1.62 |
| | Understanding/Analysis of Informational Text | 16 | 5,794 | 13.32 | 2.57 | 0.63 | 1.54 | 1.66 |
| SCIENCE | OVERALL TEST | 40 | 5,793 | 33.23 | 5.76 | 0.82 | 2.39 | 1.66 |
| | Matter and Energy | 8 | 5,793 | 6.48 | 1.45 | 0.42 | 1.09 | 1.62 |
| | Force, Motion, and Energy | 8 | 5,793 | 6.75 | 1.53 | 0.51 | 1.07 | 1.69 |
| | Earth and Space | 16 | 5,793 | 13.15 | 2.56 | 0.63 | 1.54 | 1.64 |
| | Organisms and Environments | 8 | 5,793 | 6.85 | 1.51 | 0.54 | 1.01 | 1.71 |
| SOCIAL STUDIES | OVERALL TEST | 40 | 5,796 | 32.58 | 5.73 | 0.81 | 2.41 | 1.63 |
| | History | 8 | 5,796 | 6.44 | 1.42 | 0.39 | 1.09 | 1.61 |
| | Geography and Culture | 8 | 5,796 | 6.71 | 1.39 | 0.42 | 1.04 | 1.68 |
| | Government and Citizenship | 16 | 5,796 | 13.06 | 2.65 | 0.64 | 1.56 | 1.63 |
| | Economics, Science, Technology, and Society | 8 | 5,796 | 6.37 | 1.47 | 0.42 | 1.11 | 1.59 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.32. Spring 2022 STAAR Alternate 2 Grade 8 Female

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,910 | 31.33 | 5.89 | 0.79 | 2.62 | 1.57 |
| | Numerical Representations and Relationships | 8 | 1,910 | 6.21 | 1.58 | 0.41 | 1.20 | 1.55 |
| | Computations and Algebraic Relationships | 8 | 1,910 | 5.94 | 1.52 | 0.31 | 1.25 | 1.49 |
| | Geometry and Measurement | 16 | 1,910 | 12.97 | 2.74 | 0.66 | 1.56 | 1.62 |
| | Data Analysis and Personal Financial Literacy | 8 | 1,910 | 6.20 | 1.61 | 0.44 | 1.19 | 1.55 |
| READING | OVERALL TEST | 40 | 1,907 | 32.61 | 5.95 | 0.83 | 2.46 | 1.63 |
| | Understanding Across Genres | 8 | 1,907 | 6.24 | 1.50 | 0.37 | 1.19 | 1.56 |
| | Understanding/Analysis of Literary Texts | 16 | 1,907 | 13.06 | 2.81 | 0.71 | 1.51 | 1.63 |
| | Understanding/Analysis of Informational Text | 16 | 1,907 | 13.31 | 2.56 | 0.63 | 1.55 | 1.66 |
| SCIENCE | OVERALL TEST | 40 | 1,909 | 33.12 | 5.79 | 0.82 | 2.39 | 1.66 |
| | Matter and Energy | 8 | 1,909 | 6.45 | 1.47 | 0.45 | 1.08 | 1.61 |
| | Force, Motion, and Energy | 8 | 1,909 | 6.73 | 1.52 | 0.50 | 1.07 | 1.68 |
| | Earth and Space | 16 | 1,909 | 13.11 | 2.59 | 0.64 | 1.54 | 1.64 |
| | Organisms and Environments | 8 | 1,909 | 6.83 | 1.52 | 0.54 | 1.02 | 1.71 |
| SOCIAL STUDIES | OVERALL TEST | 40 | 1,911 | 32.41 | 5.74 | 0.82 | 2.42 | 1.62 |
| | History | 8 | 1,911 | 6.39 | 1.42 | 0.38 | 1.11 | 1.6 |
| | Geography and Culture | 8 | 1,911 | 6.65 | 1.43 | 0.46 | 1.04 | 1.66 |
| | Government and Citizenship | 16 | 1,911 | 13.01 | 2.64 | 0.64 | 1.56 | 1.63 |
| | Economics, Science, Technology, and Society | 8 | 1,911 | 6.37 | 1.46 | 0.42 | 1.10 | 1.59 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.33. Spring 2022 STAAR Alternate 2 Grade 8 Male

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|----------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 3,873 | 31.60 | 5.92 | 0.80 | 2.59 | 1.58 |
| | Numerical Representations and Relationships | 8 | 3,873 | 6.35 | 1.59 | 0.45 | 1.17 | 1.59 |
| | Computations and Algebraic Relationships | 8 | 3,873 | 5.95 | 1.53 | 0.33 | 1.24 | 1.49 |
| | Geometry and Measurement | 16 | 3,873 | 13.00 | 2.74 | 0.67 | 1.54 | 1.62 |
| | Data Analysis and Personal Financial Literacy | 8 | 3,873 | 6.29 | 1.63 | 0.48 | 1.17 | 1.57 |
| READING | OVERALL TEST | 40 | 3,872 | 32.48 | 6.14 | 0.83 | 2.47 | 1.62 |
| | Understanding Across Genres | 8 | 3,872 | 6.28 | 1.57 | 0.44 | 1.17 | 1.57 |
| | Understanding/Analysis of Literary Texts | 16 | 3,872 | 12.88 | 2.95 | 0.72 | 1.54 | 1.61 |
| | Understanding/Analysis of Informational Text | 16 | 3,872 | 13.32 | 2.57 | 0.63 | 1.54 | 1.66 |
| SCIENCE | OVERALL TEST | 40 | 3,869 | 33.28 | 5.75 | 0.82 | 2.39 | 1.66 |
| | Matter and Energy | 8 | 3,869 | 6.50 | 1.44 | 0.41 | 1.09 | 1.62 |
| | Force, Motion, and Energy | 8 | 3,869 | 6.76 | 1.54 | 0.51 | 1.06 | 1.69 |
| | Earth and Space | 16 | 3,869 | 13.17 | 2.55 | 0.62 | 1.54 | 1.65 |
| | Organisms and Environments | 8 | 3,869 | 6.86 | 1.50 | 0.54 | 1.01 | 1.71 |
| SOCIAL STUDIES | OVERALL TEST | 40 | 3,870 | 32.66 | 5.72 | 0.81 | 2.41 | 1.63 |
| | History | 8 | 3,870 | 6.46 | 1.42 | 0.39 | 1.09 | 1.62 |
| | Geography and Culture | 8 | 3,870 | 6.74 | 1.38 | 0.41 | 1.04 | 1.69 |
| | Government and Citizenship | 16 | 3,870 | 13.08 | 2.66 | 0.65 | 1.55 | 1.64 |
| | Economics, Science, Technology, and Society | 8 | 3,870 | 6.37 | 1.48 | 0.42 | 1.11 | 1.59 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.34. Spring 2022 STAAR Alternate 2 Grade 8 Black or African-American

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|----------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,038 | 31.63 | 5.31 | 0.76 | 2.61 | 1.58 |
| | Numerical Representations and Relationships | 8 | 1,038 | 6.44 | 1.46 | 0.37 | 1.16 | 1.61 |
| | Computations and Algebraic Relationships | 8 | 1,038 | 5.98 | 1.47 | 0.31 | 1.22 | 1.49 |
| | Geometry and Measurement | 16 | 1,038 | 12.97 | 2.52 | 0.60 | 1.59 | 1.62 |
| | Data Analysis and Personal Financial Literacy | 8 | 1,038 | 6.24 | 1.54 | 0.41 | 1.19 | 1.56 |
| READING | OVERALL TEST | 40 | 1,038 | 32.70 | 5.66 | 0.80 | 2.47 | 1.63 |
| | Understanding Across Genres | 8 | 1,038 | 6.30 | 1.44 | 0.32 | 1.18 | 1.58 |
| | Understanding/Analysis of Literary Texts | 16 | 1,038 | 13.10 | 2.73 | 0.68 | 1.52 | 1.64 |
| | Understanding/Analysis of Informational Text | 16 | 1,038 | 13.29 | 2.47 | 0.59 | 1.55 | 1.66 |
| SCIENCE | OVERALL TEST | 40 | 1,035 | 33.44 | 5.13 | 0.78 | 2.40 | 1.67 |
| | Matter and Energy | 8 | 1,035 | 6.59 | 1.37 | 0.39 | 1.08 | 1.65 |
| | Force, Motion, and Energy | 8 | 1,035 | 6.80 | 1.41 | 0.44 | 1.07 | 1.7 |
| | Earth and Space | 16 | 1,035 | 13.13 | 2.30 | 0.53 | 1.57 | 1.64 |
| | Organisms and Environments | 8 | 1,035 | 6.92 | 1.43 | 0.51 | 1.01 | 1.73 |
| SOCIAL STUDIES | OVERALL TEST | 40 | 1,038 | 32.59 | 5.44 | 0.79 | 2.44 | 1.63 |
| | History | 8 | 1,038 | 6.43 | 1.38 | 0.31 | 1.12 | 1.61 |
| | Geography and Culture | 8 | 1,038 | 6.72 | 1.35 | 0.39 | 1.05 | 1.68 |
| | Government and Citizenship | 16 | 1,038 | 13.08 | 2.49 | 0.59 | 1.58 | 1.63 |
| | Economics, Science, Technology, and Society | 8 | 1,038 | 6.37 | 1.43 | 0.39 | 1.11 | 1.59 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.35. Spring 2022 STAAR Alternate 2 Grade 8 Hispanic or Latino

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|----------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 3,116 | 31.82 | 6.05 | 0.82 | 2.54 | 1.59 |
| | Numerical Representations and Relationships | 8 | 3,116 | 6.35 | 1.60 | 0.47 | 1.16 | 1.59 |
| | Computations and Algebraic Relationships | 8 | 3,116 | 5.98 | 1.53 | 0.35 | 1.23 | 1.5 |
| | Geometry and Measurement | 16 | 3,116 | 13.17 | 2.75 | 0.70 | 1.50 | 1.65 |
| | Data Analysis and Personal Financial Literacy | 8 | 3,116 | 6.32 | 1.63 | 0.48 | 1.16 | 1.58 |
| READING | OVERALL TEST | 40 | 3,114 | 32.70 | 6.14 | 0.84 | 2.42 | 1.63 |
| | Understanding Across Genres | 8 | 3,114 | 6.31 | 1.55 | 0.45 | 1.15 | 1.58 |
| | Understanding/Analysis of Literary Texts | 16 | 3,114 | 13.00 | 2.90 | 0.73 | 1.50 | 1.63 |
| | Understanding/Analysis of Informational Text | 16 | 3,114 | 13.38 | 2.57 | 0.65 | 1.51 | 1.67 |
| SCIENCE | OVERALL TEST | 40 | 3,115 | 33.39 | 5.85 | 0.84 | 2.35 | 1.67 |
| | Matter and Energy | 8 | 3,115 | 6.51 | 1.46 | 0.45 | 1.08 | 1.63 |
| | Force, Motion, and Energy | 8 | 3,115 | 6.78 | 1.53 | 0.53 | 1.05 | 1.69 |
| | Earth and Space | 16 | 3,115 | 13.21 | 2.61 | 0.66 | 1.51 | 1.65 |
| | Organisms and Environments | 8 | 3,115 | 6.89 | 1.50 | 0.56 | 0.99 | 1.72 |
| SOCIAL STUDIES | OVERALL TEST | 40 | 3,114 | 32.87 | 5.74 | 0.83 | 2.36 | 1.64 |
| | History | 8 | 3,114 | 6.48 | 1.42 | 0.43 | 1.06 | 1.62 |
| | Geography and Culture | 8 | 3,114 | 6.76 | 1.38 | 0.45 | 1.01 | 1.69 |
| | Government and Citizenship | 16 | 3,114 | 13.16 | 2.65 | 0.67 | 1.52 | 1.64 |
| | Economics, Science, Technology, and Society | 8 | 3,114 | 6.46 | 1.48 | 0.46 | 1.08 | 1.61 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.36. Spring 2022 STAAR Alternate 2 Grade 8 White

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|----------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| MATHEMATICS | OVERALL TEST | 40 | 1,229 | 31.19 | 5.70 | 0.77 | 2.65 | 1.56 |
| | Numerical Representations and Relationships | 8 | 1,229 | 6.22 | 1.58 | 0.40 | 1.20 | 1.56 |
| | Computations and Algebraic Relationships | 8 | 1,229 | 5.91 | 1.52 | 0.29 | 1.26 | 1.48 |
| | Geometry and Measurement | 16 | 1,229 | 12.81 | 2.73 | 0.64 | 1.58 | 1.6 |
| | Data Analysis and Personal Financial Literacy | 8 | 1,229 | 6.25 | 1.61 | 0.43 | 1.19 | 1.56 |
| READING | OVERALL TEST | 40 | 1,227 | 32.56 | 5.89 | 0.80 | 2.49 | 1.63 |
| | Understanding Across Genres | 8 | 1,227 | 6.24 | 1.58 | 0.39 | 1.19 | 1.56 |
| | Understanding/Analysis of Literary Texts | 16 | 1,227 | 12.97 | 2.84 | 0.68 | 1.54 | 1.62 |
| | Understanding/Analysis of Informational Text | 16 | 1,227 | 13.34 | 2.49 | 0.58 | 1.54 | 1.67 |
| SCIENCE | OVERALL TEST | 40 | 1,228 | 33.24 | 5.55 | 0.79 | 2.40 | 1.66 |
| | Matter and Energy | 8 | 1,228 | 6.42 | 1.43 | 0.35 | 1.11 | 1.6 |
| | Force, Motion, and Energy | 8 | 1,228 | 6.79 | 1.50 | 0.48 | 1.06 | 1.7 |
| | Earth and Space | 16 | 1,228 | 13.21 | 2.49 | 0.58 | 1.54 | 1.65 |
| | Organisms and Environments | 8 | 1,228 | 6.83 | 1.49 | 0.49 | 1.03 | 1.71 |
| SOCIAL STUDIES | OVERALL TEST | 40 | 1,229 | 32.36 | 5.56 | 0.79 | 2.44 | 1.62 |
| | History | 8 | 1,229 | 6.43 | 1.39 | 0.33 | 1.10 | 1.61 |
| | Geography and Culture | 8 | 1,229 | 6.68 | 1.39 | 0.39 | 1.04 | 1.67 |
| | Government and Citizenship | 16 | 1,229 | 12.99 | 2.63 | 0.61 | 1.57 | 1.62 |
| | Economics, Science, Technology, and Society | 8 | 1,229 | 6.27 | 1.43 | 0.34 | 1.13 | 1.57 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.37. Spring 2022 STAAR Alternate 2 Algebra 1 Total Group

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-----------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| ALGEBRA 1 | OVERALL TEST | 40 | 5,993 | 30.89 | 6.36 | 0.82 | 2.68 | 1.54 |
| | Number and Algebraic Methods | 8 | 5,993 | 6.22 | 1.55 | 0.42 | 1.18 | 1.56 |
| | Describing and Graphing Linear Functions, Equations, and Inequalities | 8 | 5,993 | 6.02 | 1.59 | 0.41 | 1.23 | 1.51 |
| | Writing and Solving Linear Functions, Equations, and Inequalities | 8 | 5,993 | 6.21 | 1.75 | 0.51 | 1.23 | 1.55 |
| | Quadratic Functions and Equations | 8 | 5,993 | 6.31 | 1.67 | 0.49 | 1.18 | 1.58 |
| | Exponential Functions and Equations | 8 | 5,993 | 6.13 | 1.61 | 0.40 | 1.24 | 1.53 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.38. Spring 2022 STAAR Alternate 2 Algebra 1 Female

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-----------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| ALGEBRA 1 | OVERALL TEST | 40 | 2,027 | 30.77 | 6.17 | 0.80 | 2.70 | 1.54 |
| | Number and Algebraic Methods | 8 | 2,027 | 6.20 | 1.53 | 0.39 | 1.19 | 1.55 |
| | Describing and Graphing Linear Functions, Equations, and Inequalities | 8 | 2,027 | 5.97 | 1.58 | 0.38 | 1.24 | 1.49 |
| | Writing and Solving Linear Functions, Equations, and Inequalities | 8 | 2,027 | 6.17 | 1.74 | 0.50 | 1.23 | 1.54 |
| | Quadratic Functions and Equations | 8 | 2,027 | 6.32 | 1.63 | 0.46 | 1.19 | 1.58 |
| | Exponential Functions and Equations | 8 | 2,027 | 6.11 | 1.60 | 0.38 | 1.25 | 1.53 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.39. Spring 2022 STAAR Alternate 2 Algebra 1 Male

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-----------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| ALGEBRA 1 | OVERALL TEST | 40 | 3,909 | 30.94 | 6.45 | 0.83 | 2.67 | 1.55 |
| | Number and Algebraic Methods | 8 | 3,909 | 6.23 | 1.56 | 0.43 | 1.17 | 1.56 |
| | Describing and Graphing Linear Functions, Equations, and Inequalities | 8 | 3,909 | 6.05 | 1.60 | 0.42 | 1.22 | 1.51 |
| | Writing and Solving Linear Functions, Equations, and Inequalities | 8 | 3,909 | 6.23 | 1.76 | 0.51 | 1.22 | 1.56 |
| | Quadratic Functions and Equations | 8 | 3,909 | 6.30 | 1.69 | 0.50 | 1.18 | 1.57 |
| | Exponential Functions and Equations | 8 | 3,909 | 6.13 | 1.61 | 0.41 | 1.24 | 1.53 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.40. Spring 2022 STAAR Alternate 2 Algebra 1 Black or African-American

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-----------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| ALGEBRA 1 | OVERALL TEST | 40 | 1,086 | 30.88 | 6.33 | 0.83 | 2.67 | 1.54 |
| | Number and Algebraic Methods | 8 | 1,086 | 6.21 | 1.53 | 0.43 | 1.16 | 1.55 |
| | Describing and Graphing Linear Functions, Equations, and Inequalities | 8 | 1,086 | 5.98 | 1.54 | 0.37 | 1.23 | 1.5 |
| | Writing and Solving Linear Functions, Equations, and Inequalities | 8 | 1,086 | 6.20 | 1.78 | 0.55 | 1.21 | 1.55 |
| | Quadratic Functions and Equations | 8 | 1,086 | 6.35 | 1.68 | 0.53 | 1.16 | 1.59 |
| | Exponential Functions and Equations | 8 | 1,086 | 6.13 | 1.64 | 0.41 | 1.26 | 1.53 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.41. Spring 2022 STAAR Alternate 2 Algebra 1 Hispanic or Latino

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-----------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| ALGEBRA 1 | OVERALL TEST | 40 | 3,124 | 31.19 | 6.52 | 0.83 | 2.62 | 1.56 |
| | Number and Algebraic Methods | 8 | 3,124 | 6.30 | 1.56 | 0.46 | 1.14 | 1.58 |
| | Describing and Graphing Linear Functions, Equations, and Inequalities | 8 | 3,124 | 6.09 | 1.63 | 0.45 | 1.20 | 1.52 |
| | Writing and Solving Linear Functions, Equations, and Inequalities | 8 | 3,124 | 6.29 | 1.75 | 0.52 | 1.20 | 1.57 |
| | Quadratic Functions and Equations | 8 | 3,124 | 6.36 | 1.67 | 0.51 | 1.16 | 1.59 |
| | Exponential Functions and Equations | 8 | 3,124 | 6.16 | 1.61 | 0.43 | 1.21 | 1.54 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.42. Spring 2022 STAAR Alternate 2 Algebra 1 White

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|-----------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| ALGEBRA 1 | OVERALL TEST | 40 | 1,313 | 30.52 | 5.90 | 0.78 | 2.79 | 1.53 |
| | Number and Algebraic Methods | 8 | 1,313 | 6.11 | 1.51 | 0.33 | 1.23 | 1.53 |
| | Describing and Graphing Linear Functions, Equations, and Inequalities | 8 | 1,313 | 5.96 | 1.55 | 0.33 | 1.26 | 1.49 |
| | Writing and Solving Linear Functions, Equations, and Inequalities | 8 | 1,313 | 6.16 | 1.69 | 0.43 | 1.27 | 1.54 |
| | Quadratic Functions and Equations | 8 | 1,313 | 6.18 | 1.62 | 0.41 | 1.24 | 1.54 |
| | Exponential Functions and Equations | 8 | 1,313 | 6.11 | 1.58 | 0.34 | 1.29 | 1.53 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.43. Spring 2022 STAAR Alternate 2 English Total Group

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| ENGLISH I | OVERALL TEST | 40 | 6,006 | 31.77 | 6.92 | 0.86 | 2.53 | 1.59 |
| | Understanding/Analysis Across Genres (Reading) | 8 | 6,006 | 6.26 | 1.67 | 0.51 | 1.17 | 1.56 |
| | Understanding/Analysis of Literary Texts (Reading) | 8 | 6,006 | 6.60 | 1.64 | 0.59 | 1.04 | 1.65 |
| | Understanding/Analysis of Informational Texts (Reading) | 8 | 6,006 | 6.32 | 1.65 | 0.50 | 1.16 | 1.58 |
| | Revision (Writing) | 8 | 6,006 | 6.35 | 1.81 | 0.61 | 1.13 | 1.59 |
| | Editing (Writing) | 8 | 6,006 | 6.24 | 1.77 | 0.57 | 1.16 | 1.56 |
| ENGLISH II | OVERALL TEST | 40 | 5,490 | 31.84 | 6.15 | 0.83 | 2.55 | 1.59 |
| | Understanding/Analysis Across Genres (Reading) | 8 | 5,490 | 6.09 | 1.65 | 0.48 | 1.19 | 1.52 |
| | Understanding/Analysis of Literary Texts (Reading) | 8 | 5,490 | 6.45 | 1.73 | 0.60 | 1.09 | 1.61 |
| | Understanding/Analysis of Informational Texts (Reading) | 8 | 5,490 | 6.81 | 1.44 | 0.49 | 1.02 | 1.7 |
| | Revision (Writing) | 8 | 5,490 | 5.90 | 1.67 | 0.42 | 1.27 | 1.48 |
| | Editing (Writing) | 8 | 5,490 | 6.59 | 1.63 | 0.58 | 1.05 | 1.65 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.44. Spring 2022 STAAR Alternate 2 English Female

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| ENGLISH I | OVERALL TEST | 40 | 2,024 | 31.84 | 6.72 | 0.86 | 2.52 | 1.59 |
| | Understanding/Analysis Across Genres (Reading) | 8 | 2,024 | 6.25 | 1.62 | 0.48 | 1.16 | 1.56 |
| | Understanding/Analysis of Literary Texts (Reading) | 8 | 2,024 | 6.62 | 1.60 | 0.58 | 1.03 | 1.66 |
| | Understanding/Analysis of Informational Texts (Reading) | 8 | 2,024 | 6.33 | 1.62 | 0.48 | 1.16 | 1.58 |
| | Revision (Writing) | 8 | 2,024 | 6.38 | 1.76 | 0.58 | 1.14 | 1.6 |
| | Editing (Writing) | 8 | 2,024 | 6.25 | 1.75 | 0.55 | 1.16 | 1.56 |
| ENGLISH II | OVERALL TEST | 40 | 1,869 | 31.69 | 6.36 | 0.83 | 2.55 | 1.58 |
| | Understanding/Analysis Across Genres (Reading) | 8 | 1,869 | 6.04 | 1.67 | 0.48 | 1.19 | 1.51 |
| | Understanding/Analysis of Literary Texts (Reading) | 8 | 1,869 | 6.44 | 1.77 | 0.62 | 1.08 | 1.61 |
| | Understanding/Analysis of Informational Texts (Reading) | 8 | 1,869 | 6.78 | 1.49 | 0.51 | 1.02 | 1.69 |
| | Revision (Writing) | 8 | 1,869 | 5.86 | 1.72 | 0.45 | 1.26 | 1.46 |
| | Editing (Writing) | 8 | 1,869 | 6.57 | 1.67 | 0.59 | 1.06 | 1.64 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.45. Spring 2022 STAAR Alternate 2 English Male

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| ENGLISH I | OVERALL TEST | 40 | 3,923 | 31.73 | 7.02 | 0.87 | 2.53 | 1.59 |
| | Understanding/Analysis Across Genres (Reading) | 8 | 3,923 | 6.26 | 1.69 | 0.52 | 1.17 | 1.57 |
| | Understanding/Analysis of Literary Texts (Reading) | 8 | 3,923 | 6.58 | 1.65 | 0.60 | 1.04 | 1.65 |
| | Understanding/Analysis of Informational Texts (Reading) | 8 | 3,923 | 6.32 | 1.66 | 0.51 | 1.16 | 1.58 |
| | Revision (Writing) | 8 | 3,923 | 6.33 | 1.84 | 0.62 | 1.13 | 1.58 |
| | Editing (Writing) | 8 | 3,923 | 6.24 | 1.78 | 0.57 | 1.16 | 1.56 |
| ENGLISH II | OVERALL TEST | 40 | 3,597 | 31.92 | 6.02 | 0.82 | 2.55 | 1.6 |
| | Understanding/Analysis Across Genres (Reading) | 8 | 3,597 | 6.11 | 1.63 | 0.47 | 1.19 | 1.53 |
| | Understanding/Analysis of Literary Texts (Reading) | 8 | 3,597 | 6.45 | 1.71 | 0.59 | 1.10 | 1.61 |
| | Understanding/Analysis of Informational Texts (Reading) | 8 | 3,597 | 6.83 | 1.41 | 0.48 | 1.02 | 1.71 |
| | Revision (Writing) | 8 | 3,597 | 5.92 | 1.64 | 0.41 | 1.27 | 1.48 |
| | Editing (Writing) | 8 | 3,597 | 6.60 | 1.61 | 0.58 | 1.05 | 1.65 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.46. Spring 2022 STAAR Alternate 2 English Black or African-American

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| ENGLISH I | OVERALL TEST | 40 | 1,084 | 32.05 | 6.93 | 0.87 | 2.49 | 1.6 |
| | Understanding/Analysis Across Genres (Reading) | 8 | 1,084 | 6.28 | 1.67 | 0.53 | 1.15 | 1.57 |
| | Understanding/Analysis of Literary Texts (Reading) | 8 | 1,084 | 6.64 | 1.67 | 0.63 | 1.02 | 1.66 |
| | Understanding/Analysis of Informational Texts (Reading) | 8 | 1,084 | 6.36 | 1.62 | 0.49 | 1.15 | 1.59 |
| | Revision (Writing) | 8 | 1,084 | 6.44 | 1.82 | 0.65 | 1.10 | 1.61 |
| | Editing (Writing) | 8 | 1,084 | 6.34 | 1.72 | 0.55 | 1.16 | 1.59 |
| ENGLISH II | OVERALL TEST | 40 | 976 | 31.64 | 6.41 | 0.84 | 2.56 | 1.58 |
| | Understanding/Analysis Across Genres (Reading) | 8 | 976 | 5.98 | 1.66 | 0.46 | 1.22 | 1.49 |
| | Understanding/Analysis of Literary Texts (Reading) | 8 | 976 | 6.48 | 1.75 | 0.63 | 1.08 | 1.62 |
| | Understanding/Analysis of Informational Texts (Reading) | 8 | 976 | 6.77 | 1.52 | 0.56 | 1.02 | 1.69 |
| | Revision (Writing) | 8 | 976 | 5.86 | 1.74 | 0.48 | 1.25 | 1.47 |
| | Editing (Writing) | 8 | 976 | 6.55 | 1.64 | 0.59 | 1.06 | 1.64 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.47. Spring 2022 STAAR Alternate 2 English Hispanic or Latino

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| ENGLISH I | OVERALL TEST | 40 | 3,123 | 31.91 | 6.84 | 0.87 | 2.49 | 1.6 |
| | Understanding/Analysis Across Genres (Reading) | 8 | 3,123 | 6.28 | 1.67 | 0.52 | 1.15 | 1.57 |
| | Understanding/Analysis of Literary Texts (Reading) | 8 | 3,123 | 6.63 | 1.61 | 0.59 | 1.02 | 1.66 |
| | Understanding/Analysis of Informational Texts (Reading) | 8 | 3,123 | 6.35 | 1.64 | 0.51 | 1.14 | 1.59 |
| | Revision (Writing) | 8 | 3,123 | 6.38 | 1.76 | 0.59 | 1.12 | 1.59 |
| | Editing (Writing) | 8 | 3,123 | 6.27 | 1.74 | 0.56 | 1.15 | 1.57 |
| ENGLISH II | OVERALL TEST | 40 | 2,942 | 32.08 | 5.93 | 0.82 | 2.51 | 1.6 |
| | Understanding/Analysis Across Genres (Reading) | 8 | 2,942 | 6.14 | 1.63 | 0.48 | 1.17 | 1.54 |
| | Understanding/Analysis of Literary Texts (Reading) | 8 | 2,942 | 6.48 | 1.68 | 0.58 | 1.09 | 1.62 |
| | Understanding/Analysis of Informational Texts (Reading) | 8 | 2,942 | 6.85 | 1.38 | 0.47 | 1.00 | 1.71 |
| | Revision (Writing) | 8 | 2,942 | 5.97 | 1.61 | 0.41 | 1.24 | 1.49 |
| | Editing (Writing) | 8 | 2,942 | 6.64 | 1.59 | 0.58 | 1.04 | 1.66 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.48. Spring 2022 STAAR Alternate 2 English White

| Subject | Reporting Category | Score Point ¹ | N | Mean | SD | Alpha ² | SEM | Mean Item Score ³ |
|------------|---|--------------------------|-------|-------|------|--------------------|------|------------------------------|
| ENGLISH I | OVERALL TEST | 40 | 1,322 | 31.77 | 6.84 | 0.86 | 2.57 | 1.59 |
| | Understanding/Analysis Across Genres (Reading) | 8 | 1,322 | 6.30 | 1.64 | 0.46 | 1.20 | 1.57 |
| | Understanding/Analysis of Literary Texts (Reading) | 8 | 1,322 | 6.62 | 1.59 | 0.56 | 1.05 | 1.66 |
| | Understanding/Analysis of Informational Texts (Reading) | 8 | 1,322 | 6.31 | 1.64 | 0.47 | 1.19 | 1.58 |
| | Revision (Writing) | 8 | 1,322 | 6.33 | 1.84 | 0.60 | 1.15 | 1.58 |
| | Editing (Writing) | 8 | 1,322 | 6.22 | 1.81 | 0.58 | 1.17 | 1.55 |
| ENGLISH II | OVERALL TEST | 40 | 1,186 | 31.82 | 6.23 | 0.82 | 2.58 | 1.59 |
| | Understanding/Analysis Across Genres (Reading) | 8 | 1,186 | 6.13 | 1.62 | 0.46 | 1.19 | 1.53 |
| | Understanding/Analysis of Literary Texts (Reading) | 8 | 1,186 | 6.44 | 1.78 | 0.61 | 1.10 | 1.61 |
| | Understanding/Analysis of Informational Texts (Reading) | 8 | 1,186 | 6.81 | 1.46 | 0.48 | 1.04 | 1.7 |
| | Revision (Writing) | 8 | 1,186 | 5.86 | 1.68 | 0.41 | 1.30 | 1.47 |
| | Editing (Writing) | 8 | 1,186 | 6.57 | 1.66 | 0.59 | 1.06 | 1.64 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.49. Spring 2022 STAAR Alternate 2 Biology Total Group

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|--|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| BIOLOGY | OVERALL TEST | 40 | 5,860 | 33.01 | 6.10 | 0.85 | 2.38 | 1.65 |
| | Cell Structure and Function | 8 | 5,860 | 6.62 | 1.51 | 0.48 | 1.08 | 1.66 |
| | Mechanisms of Genetics | 8 | 5,860 | 6.46 | 1.66 | 0.56 | 1.10 | 1.62 |
| | Biological Evolution and Classification | 8 | 5,860 | 6.56 | 1.58 | 0.55 | 1.05 | 1.64 |
| | Biological Processes and Systems | 8 | 5,860 | 6.65 | 1.46 | 0.47 | 1.06 | 1.66 |
| | Interdependence within Environmental Systems | 8 | 5,860 | 6.72 | 1.51 | 0.53 | 1.03 | 1.68 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.50. Spring 2022 STAAR Alternate 2 Biology Female

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|--|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| BIOLOGY | OVERALL TEST | 40 | 1,942 | 32.99 | 5.92 | 0.83 | 2.39 | 1.65 |
| | Cell Structure and Function | 8 | 1,942 | 6.58 | 1.49 | 0.46 | 1.09 | 1.64 |
| | Mechanisms of Genetics | 8 | 1,942 | 6.49 | 1.61 | 0.53 | 1.10 | 1.62 |
| | Biological Evolution and Classification | 8 | 1,942 | 6.60 | 1.56 | 0.53 | 1.05 | 1.65 |
| | Biological Processes and Systems | 8 | 1,942 | 6.60 | 1.46 | 0.45 | 1.07 | 1.65 |
| | Interdependence within Environmental Systems | 8 | 1,942 | 6.72 | 1.47 | 0.50 | 1.03 | 1.68 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.51. Spring 2022 STAAR Alternate 2 Biology Male

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|--|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| BIOLOGY | OVERALL TEST | 40 | 3,856 | 33.02 | 6.18 | 0.85 | 2.38 | 1.65 |
| | Cell Structure and Function | 8 | 3,856 | 6.64 | 1.52 | 0.49 | 1.08 | 1.66 |
| | Mechanisms of Genetics | 8 | 3,856 | 6.45 | 1.69 | 0.58 | 1.09 | 1.61 |
| | Biological Evolution and Classification | 8 | 3,856 | 6.54 | 1.59 | 0.56 | 1.05 | 1.64 |
| | Biological Processes and Systems | 8 | 3,856 | 6.67 | 1.46 | 0.47 | 1.06 | 1.67 |
| | Interdependence within Environmental Systems | 8 | 3,856 | 6.72 | 1.52 | 0.54 | 1.03 | 1.68 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.52. Spring 2022 STAAR Alternate 2 Biology Black or African-American

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|--|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| BIOLOGY | OVERALL TEST | 40 | 1,048 | 32.93 | 6.21 | 0.85 | 2.41 | 1.65 |
| | Cell Structure and Function | 8 | 1,048 | 6.55 | 1.53 | 0.49 | 1.10 | 1.64 |
| | Mechanisms of Genetics | 8 | 1,048 | 6.48 | 1.65 | 0.58 | 1.09 | 1.62 |
| | Biological Evolution and Classification | 8 | 1,048 | 6.57 | 1.65 | 0.59 | 1.06 | 1.64 |
| | Biological Processes and Systems | 8 | 1,048 | 6.63 | 1.52 | 0.50 | 1.08 | 1.66 |
| | Interdependence within Environmental Systems | 8 | 1,048 | 6.72 | 1.51 | 0.52 | 1.05 | 1.68 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.53. Spring 2022 STAAR Alternate 2 Biology Hispanic or Latino

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|--|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| BIOLOGY | OVERALL TEST | 40 | 3,073 | 33.21 | 6.09 | 0.85 | 2.33 | 1.66 |
| | Cell Structure and Function | 8 | 3,073 | 6.64 | 1.49 | 0.48 | 1.07 | 1.66 |
| | Mechanisms of Genetics | 8 | 3,073 | 6.50 | 1.65 | 0.57 | 1.08 | 1.63 |
| | Biological Evolution and Classification | 8 | 3,073 | 6.61 | 1.55 | 0.55 | 1.03 | 1.65 |
| | Biological Processes and Systems | 8 | 3,073 | 6.69 | 1.44 | 0.47 | 1.04 | 1.67 |
| | Interdependence within Environmental Systems | 8 | 3,073 | 6.77 | 1.50 | 0.55 | 1.00 | 1.69 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.54. Spring 2022 STAAR Alternate 2 Biology White

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|--|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| BIOLOGY | OVERALL TEST | 40 | 1,289 | 32.95 | 5.95 | 0.84 | 2.43 | 1.65 |
| | Cell Structure and Function | 8 | 1,289 | 6.67 | 1.49 | 0.48 | 1.08 | 1.67 |
| | Mechanisms of Genetics | 8 | 1,289 | 6.43 | 1.67 | 0.55 | 1.12 | 1.61 |
| | Biological Evolution and Classification | 8 | 1,289 | 6.54 | 1.56 | 0.53 | 1.08 | 1.63 |
| | Biological Processes and Systems | 8 | 1,289 | 6.64 | 1.45 | 0.45 | 1.08 | 1.66 |
| | Interdependence within Environmental Systems | 8 | 1,289 | 6.67 | 1.49 | 0.50 | 1.06 | 1.67 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.55. Spring 2022 STAAR Alternate 2 U.S. History Total Group

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| U.S. History | OVERALL TEST | 40 | 5,045 | 33.08 | 5.97 | 0.84 | 2.35 | 1.65 |
| | History | 8 | 5,045 | 6.36 | 1.48 | 0.41 | 1.13 | 1.59 |
| | Geography and Culture | 8 | 5,045 | 7.06 | 1.40 | 0.53 | 0.95 | 1.76 |
| | Government and Citizenship | 16 | 5,045 | 13.46 | 2.75 | 0.72 | 1.45 | 1.68 |
| | Economics, Science, Technology, and Society | 8 | 5,045 | 6.21 | 1.51 | 0.40 | 1.16 | 1.55 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.56. Spring 2022 STAAR Alternate 2 U.S. History Female

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| U.S. History | OVERALL TEST | 40 | 1,714 | 32.89 | 5.96 | 0.84 | 2.38 | 1.64 |
| | History | 8 | 1,714 | 6.32 | 1.46 | 0.39 | 1.14 | 1.58 |
| | Geography and Culture | 8 | 1,714 | 7.00 | 1.41 | 0.53 | 0.97 | 1.75 |
| | Government and Citizenship | 16 | 1,714 | 13.37 | 2.76 | 0.71 | 1.47 | 1.67 |
| | Economics, Science, Technology, and Society | 8 | 1,714 | 6.21 | 1.53 | 0.42 | 1.15 | 1.55 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.57. Spring 2022 STAAR Alternate 2 U.S. History Male

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| U.S. History | OVERALL TEST | 40 | 3,315 | 33.17 | 5.98 | 0.84 | 2.34 | 1.66 |
| | History | 8 | 3,315 | 6.37 | 1.49 | 0.42 | 1.13 | 1.59 |
| | Geography and Culture | 8 | 3,315 | 7.09 | 1.39 | 0.54 | 0.94 | 1.77 |
| | Government and Citizenship | 16 | 3,315 | 13.50 | 2.75 | 0.72 | 1.45 | 1.69 |
| | Economics, Science, Technology, and Society | 8 | 3,315 | 6.20 | 1.50 | 0.38 | 1.17 | 1.55 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.58. Spring 2022 STAAR Alternate 2 U.S. History Black or African-American

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| U.S. History | OVERALL TEST | 40 | 834 | 33.18 | 6.10 | 0.85 | 2.35 | 1.66 |
| | History | 8 | 834 | 6.43 | 1.54 | 0.47 | 1.12 | 1.61 |
| | Geography and Culture | 8 | 834 | 7.06 | 1.41 | 0.55 | 0.95 | 1.77 |
| | Government and Citizenship | 16 | 834 | 13.48 | 2.77 | 0.73 | 1.46 | 1.68 |
| | Economics, Science, Technology, and Society | 8 | 834 | 6.21 | 1.52 | 0.42 | 1.17 | 1.55 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.59. Spring 2022 STAAR Alternate 2 U.S. History Hispanic or Latino

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| U.S. History | OVERALL TEST | 40 | 2,691 | 33.37 | 5.61 | 0.83 | 2.30 | 1.67 |
| | History | 8 | 2,691 | 6.41 | 1.41 | 0.38 | 1.11 | 1.6 |
| | Geography and Culture | 8 | 2,691 | 7.11 | 1.32 | 0.50 | 0.92 | 1.78 |
| | Government and Citizenship | 16 | 2,691 | 13.58 | 2.61 | 0.70 | 1.42 | 1.7 |
| | Economics, Science, Technology, and Society | 8 | 2,691 | 6.27 | 1.45 | 0.37 | 1.14 | 1.57 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items

Table C.4.60. Spring 2022 STAAR Alternate 2 U.S. History White

| Subject | Reporting Category | Score Point¹ | N | Mean | SD | Alpha² | SEM | Mean Item Score³ |
|----------------|---|--------------------------------|----------|-------------|-----------|--------------------------|------------|------------------------------------|
| U.S. History | OVERALL TEST | 40 | 1,159 | 32.64 | 6.48 | 0.85 | 2.42 | 1.63 |
| | History | 8 | 1,159 | 6.26 | 1.56 | 0.43 | 1.16 | 1.56 |
| | Geography and Culture | 8 | 1,159 | 7.01 | 1.51 | 0.57 | 0.97 | 1.75 |
| | Government and Citizenship | 16 | 1,159 | 13.26 | 2.97 | 0.73 | 1.50 | 1.66 |
| | Economics, Science, Technology, and Society | 8 | 1,159 | 6.11 | 1.61 | 0.45 | 1.18 | 1.53 |

Notes:

1. Total number of score points
2. Coefficient Alpha computed for polytomous items
3. Mean of student scores (0, 1, or 2) on items