

**2022 STAAR Alternate 2  
Mean Item Score and  
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by Reporting Category and  
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**Table C.4.1. Spring 2022 STAAR Alternate 2 Grade 3 Total Group**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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 Point <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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 Point <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 Point <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 Point <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 Point <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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 Point <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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 <sup>1</sup>	N	Mean	SD	Alpha <sup>2</sup>	SEM	Mean Item Score <sup>3</sup>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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**

<b>Subject</b>	<b>Reporting Category</b>	<b>Score Point<sup>1</sup></b>	<b>N</b>	<b>Mean</b>	<b>SD</b>	<b>Alpha<sup>2</sup></b>	<b>SEM</b>	<b>Mean Item Score<sup>3</sup></b>
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