

**STAAR Modified
2013 Raw Score to
Scale Score (RSSS)
Conversion Tables and
Conditional Standard
Error of Measurement
(CSEM)**

2013
STAAR MODIFIED 3–5 READING
Conditional Standard Error of Measurement (CSEM)

Raw	Grade 3		Grade 4		Grade 5	
	SS	CSEM	SS	CSEM	SS	CSEM
0	1657		1652		1509	
1	1958	250	1939	237	1849	281
2	2138	180	2109	171	2051	202
3	2248	150	2212	142	2174	168
4	2330	133	2288	125	2264	149
5	2396	122	2350	114	2337	135
6	2452	113	2402	106	2399	126
7	2502	107	2448	100	2453	119
8	2547	103	2489	96	2501	113
9	2589	99	2528	93	2546	108
10	2628	96	2563	90	2587	105
11	2665	94	2597	87	2626	102
12	2700	92	2629	86	2663	100
13	2735	91	2660	84	2698	98
14	2769	90	2690	83	2733	96
15	*2800	90	2719	82	2766	95
16	2835	90	2748	82	*2800	94
17	2868	90	2777	82	2830	94
18	2900	90	*2800	82	2862	93
19	2935	91	2835	82	2900	93
20	2969	92	2864	83	2925	93
21	**3000	94	2900	83	2957	94
22	3042	96	2924	85	**3000	95
23	3081	99	2955	86	3022	96
24	3122	103	**3000	88	3056	97
25	3167	107	3022	90	3091	99
26	3217	113	3058	93	3127	101
27	3273	121	3096	97	3165	104
28	***3306	133	3139	101	3206	108
29	3420	150	3185	107	3249	112
30	3530	180	***3238	115	***3312	117
31	3710	249	3300	126	3350	124
32	4011		3377	143	3410	134
33			3482	171	3481	147
34			3652	237	3571	167
35			3939		3692	201
36					3891	280
37					4229	

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank.
Sufficient information was not available to accurately estimate these values.

2013
STAAR MODIFIED 6–8 READING
Conditional Standard Error of Measurement (CSEM)

Raw	Grade 6		Grade 7		Grade 8	
	SS	CSEM	SS	CSEM	SS	CSEM
0	1401		1440		1532	
1	1748	287	1781	283	1842	257
2	1953	207	1983	203	2026	185
3	2078	172	2105	169	2137	153
4	2170	151	2194	149	2218	135
5	2244	138	2266	135	2282	122
6	2306	128	2327	125	2337	113
7	2361	121	2380	118	2385	107
8	2410	115	2428	112	2427	101
9	2455	110	2471	108	2466	97
10	2497	107	2512	104	2502	94
11	2537	104	2549	101	2535	91
12	2574	101	2586	99	2567	88
13	2610	99	2620	97	2597	87
14	2644	98	2653	95	2626	85
15	2678	97	2685	94	2654	84
16	2711	96	2716	93	2682	83
17	2743	95	2747	92	2708	82
18	2775	95	2777	92	2735	81
19	*2800	95	*2800	91	2760	81
20	2839	95	2837	91	2786	80
21	2871	95	2867	91	*2800	80
22	2900	96	2900	92	2837	80
23	2935	96	2927	92	2862	81
24	2969	98	2958	93	2900	81
25	**3000	99	**3000	94	2914	82
26	3039	101	3021	95	2941	83
27	3076	103	3054	97	2968	84
28	3115	106	3089	99	**3000	85
29	3157	110	3125	101	3025	86
30	3201	114	3163	104	3055	88
31	3250	120	3203	108	3087	91
32	***3316	127	3247	113	3121	94
33	3366	137	3295	118	3156	97
34	3439	151	***3368	125	3195	101
35	3530	171	3409	135	3238	107
36	3654	206	3481	149	3285	113

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank.
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2013
 STAAR MODIFIED 6–8 READING
 Conditional Standard Error of Measurement (CSEM)

Raw	Grade 6		Grade 7		Grade 8	
	SS	CSEM	SS	CSEM	SS	CSEM
37	3859	287	3571	169	3340	122
38	4205		3693	203	***3436	135
39			3895	283	3486	153
40			4236		3596	185
41					3779	257
42					4090	

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

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2013
STAAR MODIFIED 3–5 MATHEMATICS
Conditional Standard Error of Measurement (CSEM)

Raw	Grade 3		Grade 4		Grade 5	
	SS	CSEM	SS	CSEM	SS	CSEM
0	1155		1320		963	
1	1549	325	1696	312	1442	397
2	1785	236	1922	225	1726	285
3	1930	197	2059	187	1898	237
4	2037	174	2160	165	2024	209
5	2124	159	2241	150	2126	190
6	2198	148	2310	140	2212	176
7	2263	140	2370	131	2287	166
8	2322	134	2424	125	2355	159
9	2376	129	2473	120	2417	152
10	2426	124	2519	116	2474	147
11	2474	121	2562	113	2528	143
12	2519	118	2602	110	2579	139
13	2562	116	2641	108	2628	136
14	2604	114	2678	106	2675	134
15	2644	113	2715	105	2720	132
16	2684	112	2750	103	2765	131
17	2723	111	*2800	102	*2800	130
18	2762	111	2819	102	2851	129
19	*2800	111	2853	102	2900	129
20	2840	111	2900	102	2936	128
21	2878	111	2921	102	2978	129
22	2900	112	2956	103	**3000	129
23	2958	113	**3000	104	3063	129
24	**3000	115	3027	105	3107	130
25	3041	117	3063	107	3151	132
26	3085	119	3102	109	3196	134
27	3131	123	3141	111	3243	136
28	3180	126	3183	115	3291	139
29	3232	131	3228	119	3342	142
30	3289	138	3276	123	3395	146
31	3352	146	3328	130	3453	152
32	3424	157	3386	138	3514	158
33	3508	171	3453	148	3581	166
34	***3578	194	***3526	163	***3691	176
35	3754	233	3630	185	3741	189
36	3987	324	3764	223	3842	208

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank.
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2013
 STAAR MODIFIED 3–5 MATHEMATICS
 Conditional Standard Error of Measurement (CSEM)

Raw	Grade 3		Grade 4		Grade 5	
	SS	CSEM	SS	CSEM	SS	CSEM
37	4378		3985	310	3968	236
38			4359		4140	285
39					4423	396
40					4901	

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

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2013
 STAAR MODIFIED 6–8 MATHEMATICS
 Conditional Standard Error of Measurement (CSEM)

Raw	Grade 6		Grade 7		Grade 8	
	SS	CSEM	SS	CSEM	SS	CSEM
0	597		577		605	
1	1146	454	1141	467	1164	463
2	1471	326	1475	336	1494	332
3	1668	271	1676	279	1692	275
4	1812	238	1824	245	1836	241
5	1927	217	1942	223	1951	219
6	2025	201	2042	206	2048	203
7	2109	189	2129	194	2132	190
8	2186	180	2206	184	2207	181
9	2255	172	2277	176	2275	173
10	2320	167	2342	170	2338	166
11	2380	161	2403	165	2397	161
12	2436	157	2460	161	2451	156
13	2491	154	2515	157	2504	153
14	2542	151	2567	154	2554	150
15	2592	148	2617	151	2602	147
16	2641	146	2666	149	2649	145
17	2689	145	2714	147	2694	143
18	2735	144	2760	146	2739	142
19	*2800	143	*2800	145	*2800	141
20	2827	142	2852	144	2825	140
21	2872	142	2900	144	2867	139
22	2900	142	2942	143	2900	139
23	2963	142	**3000	144	2952	139
24	**3000	143	3032	144	3000	139
25	3055	144	3078	145	3037	140
26	3102	146	3124	147	3080	141
27	3150	148	3171	148	3123	142
28	3200	150	3219	150	3168	143
29	3251	153	3269	152	3213	145
30	3304	156	3321	155	3260	147
31	3360	160	3374	159	3308	149
32	3420	165	3430	163	3358	153
33	***3462	171	3490	168	3410	156
34	3551	179	***3551	175	3465	161
35	3626	187	3623	182	3524	166
36	3710	200	3699	192	***3577	172

* Phase-in I Level II

** Recommended Level II

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2013
 STAAR MODIFIED 6–8 MATHEMATICS
 Conditional Standard Error of Measurement (CSEM)

Raw	Grade 6		Grade 7		Grade 8	
	SS	CSEM	SS	CSEM	SS	CSEM
37	3806	215	3784	204	3654	180
38	3920	237	3882	220	3729	190
39	4062	269	3998	243	3813	203
40	4257	325	4144	276	3910	219
41	4579	453	4343	334	4025	241
42	5126		4675	466	4169	275
43			5237		4367	332
44					4696	463
45					5255	

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

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2013

STAAR MODIFIED GRADE 5 AND GRADE 8 SCIENCE
Conditional Standard Error of Measurement (CSEM)

Raw	Grade 5		Grade 8	
	SS	CSEM	SS	CSEM
0	1359		1052	
1	1679	265	1454	333
2	1869	191	1692	239
3	1985	159	1835	198
4	2070	140	1940	174
5	2139	128	2024	158
6	2197	119	2094	147
7	2248	112	2156	138
8	2295	107	2211	131
9	2337	103	2261	126
10	2377	100	2308	121
11	2414	97	2351	118
12	2450	95	2392	115
13	2484	94	2432	112
14	2517	92	2469	110
15	2550	92	2505	108
16	2582	91	2541	107
17	2613	91	2575	106
18	2645	91	2609	105
19	2677	91	2642	104
20	2709	92	2675	104
21	2741	92	2707	103
22	2774	94	2740	103
23	*2800	95	2773	104
24	2844	97	*2800	104
25	2900	100	2839	105
26	2921	103	2873	106
27	2963	107	2900	107
28	**3000	112	2943	108
29	3060	119	2979	110
30	3118	128	**3000	112
31	3186	140	3056	115
32	***3234	158	3097	118
33	3386	191	3141	121
34	3576	265	3187	126
35	3896		3237	131
36			3293	138

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

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2013

STAAR MODIFIED GRADE 5 AND GRADE 8 SCIENCE
Conditional Standard Error of Measurement (CSEM)

Raw	Grade 5		Grade 8	
	SS	CSEM	SS	CSEM
37			3355	147
38			3425	159
39			***3509	174
40			3614	198
41			3758	239
42			3995	333
43			4398	

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

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2013
 STAAR MODIFIED GRADE 8 SOCIAL STUDIES
 Conditional Standard Error of Measurement (CSEM)

Raw	Grade 8	
	SS	CSEM
0	1290	
1	1659	306
2	1877	220
3	2009	182
4	2105	160
5	2182	145
6	2246	135
7	2303	127
8	2353	120
9	2399	115
10	2442	111
11	2481	108
12	2519	105
13	2554	103
14	2589	101
15	2621	99
16	2653	98
17	2685	97
18	2716	96
19	2746	95
20	2776	95
21	*2800	95
22	2836	95
23	2866	95
24	2900	96
25	2927	97
26	2958	97
27	**3000	99
28	3023	100
29	3057	102
30	3092	105
31	3129	107
32	3169	111
33	3211	115
34	3256	120
35	3306	126
36	***3348	134

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

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2013
STAAR MODIFIED GRADE 8 SOCIAL STUDIES
Conditional Standard Error of Measurement (CSEM)

Grade 8		
Raw	SS	CSEM
37	3427	145
38	3503	160
39	3599	182
40	3730	219
41	3947	306
42	4316	

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank.
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2013

STAAR MODIFIED GRADE 4 AND GRADE 7 WRITING
Conditional Standard Error of Measurement (CSEM)

Raw	Grade 4		Grade 7	
	SS	CSEM	SS	CSEM
0	1072		806	
1	1544	391	1308	415
2	1820	279	1605	298
3	1984	229	1784	247
4	2101	199	1914	216
5	2194	180	2017	195
6	2272	167	2104	180
7	2339	157	2178	168
8	2399	150	2243	158
9	2455	145	2301	151
10	2508	141	2354	144
11	2559	139	2403	138
12	2608	137	2448	133
13	2656	136	2490	129
14	2704	136	2530	126
15	2753	137	2568	123
16	*2800	137	2605	121
17	2850	138	2641	120
18	2900	139	2675	118
19	2950	140	2709	117
20	**3000	141	2743	117
21	3052	142	2776	116
22	3105	144	*2800	116
23	3160	146	2842	117
24	3216	149	2876	117
25	3274	152	2900	118
26	***3349	157	2944	119
27	3402	162	2979	120
28	3472	169	**3000	121
29	3551	179	3051	123
30	3640	194	3089	124
31	3750	218	3127	126
32	3896	262	3166	128
33	4141	371	3207	130
34	4579		3249	132
35			3293	135
36			3338	138

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank.
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2013

STAAR MODIFIED GRADE 4 AND GRADE 7 WRITING
Conditional Standard Error of Measurement (CSEM)

Raw	Grade 4		Grade 7	
	SS	CSEM	SS	CSEM
37			3386	140
38			***3422	144
39			3487	148
40			3542	152
41			3600	157
42			3663	162
43			3729	169
44			3802	177
45			3883	188
46			3976	204
47			4090	229
48			4244	276
49			4502	391
50			4963	

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank.
Sufficient information was not available to accurately estimate these values.

2013
 STAAR MODIFIED EOC READING
 Conditional Standard Error of Measurement (CSEM)

Raw	English I Reading		English II Reading	
	SS	CSEM	SS	CSEM
0	725		709	
1	918	160	896	155
2	1034	116	1009	112
3	1104	96	1078	94
4	1157	86	1129	83
5	1199	78	1171	76
6	1236	73	1207	71
7	1268	69	1239	68
8	1297	66	1268	65
9	1324	64	1295	63
10	1350	62	1320	61
11	1374	61	1344	60
12	1398	60	1368	59
13	*1430	60	1390	58
14	1450	59	1412	58
15	1466	59	*1430	58
16	1488	59	1450	58
17	**1500	60	1479	58
18	1534	60	**1500	59
19	1557	61	1524	59
20	1582	62	1548	61
21	1607	64	1573	62
22	1635	66	1599	64
23	***1672	69	1628	67
24	1696	73	***1652	71
25	1733	78	1695	76
26	1776	86	1736	83
27	1828	97	1787	93
28	1899	116	1855	112
29	2014	160	1967	155
30	2208		2153	

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

CSEM at minimum and maximum scores left intentionally blank.
 Sufficient information was not available to accurately estimate these values.

2013
STAAR MODIFIED EOC WRITING
Conditional Standard Error of Measurement (CSEM)

Raw	English I Writing		English II Writing	
	SS	CSEM	SS	CSEM
0	824		725	
1	978	128	910	154
2	1069	91	1022	111
3	1123	75	1089	92
4	1162	65	1138	80
5	1192	59	1177	73
6	1217	54	1209	67
7	1238	50	1236	62
8	1257	47	1261	59
9	1274	45	1282	56
10	1289	44	1302	53
11	1304	42	1320	52
12	1318	41	1338	50
13	1331	41	1354	49
14	1344	40	1369	48
15	1357	40	1385	47
16	1369	40	1400	47
17	1382	40	1414	47
18	1394	40	*1430	47
19	1407	40	1450	47
20	1419	40	1459	47
21	*1430	40	1474	48
22	1450	40	1489	48
23	1457	40	**1500	49
24	1470	40	1521	50
25	1483	40	1538	50
26	**1500	41	1555	51
27	1509	41	1572	52
28	1522	42	1591	53
29	1536	42	***1604	54
30	1551	43	1630	56
31	1566	44	1651	57
32	1581	45	1673	59
33	1598	47	1697	61
34	***1612	48	1722	63

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

CSEM at minimum and maximum scores left intentionally blank.
Sufficient information was not available to accurately estimate these values.

2013
 STAAR MODIFIED EOC WRITING
 Conditional Standard Error of Measurement (CSEM)

Raw	English I Writing		English II Writing	
	SS	CSEM	SS	CSEM
35	1635	51	1749	65
36	1657	54	1778	67
37	1682	58	1810	71
38	1711	64	1846	76
39	1747	72	1889	85
40	1797	88	1946	101
41	1882	124	2039	142
42	2030		2203	

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

CSEM at minimum and maximum scores left intentionally blank.
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2013

STAAR MODIFIED EOC MATHEMATICS
Conditional Standard Error of Measurement (CSEM)

Raw	Algebra I		Geometry	
	SS	CSEM	SS	CSEM
0	856		522	
1	1352	411	1126	500
2	1644	295	1482	359
3	1821	244	1696	297
4	1949	215	1852	261
5	2052	195	1977	237
6	2139	181	2081	219
7	2214	170	2173	206
8	2281	161	2254	196
9	2343	154	2329	187
10	2399	149	2397	181
11	2452	144	2461	175
12	2503	141	2521	170
13	2550	137	2579	167
14	2596	135	2634	163
15	2640	132	2687	161
16	2682	131	2739	159
17	2724	129	*2800	157
18	2765	128	2839	156
19	*2800	128	2900	155
20	2846	127	2937	155
21	2900	127	**3000	155
22	2925	127	3034	155
23	2965	127	3082	155
24	**3000	128	3131	156
25	3045	128	3181	157
26	3086	130	3231	159
27	3128	131	3283	161
28	3171	133	3336	163
29	3215	135	3392	167
30	3260	138	3449	170
31	3308	141	3509	175
32	3358	145	3573	181
33	3412	149	3642	187
34	***3470	155	***3743	196

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

CSEM at minimum and maximum scores left intentionally blank.
Sufficient information was not available to accurately estimate these values.

2013

STAAR MODIFIED EOC MATHEMATICS
Conditional Standard Error of Measurement (CSEM)

Raw	Algebra I		Geometry	
	SS	CSEM	SS	CSEM
35	3530	162	3798	206
36	3598	170	3889	219
37	3674	181	3994	237
38	3760	195	4118	261
39	3864	215	4274	297
40	3992	244	4489	359
41	4169	295	4844	500
42	4462	411	5448	
43	4958			

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CSEM at minimum and maximum scores left intentionally blank.
Sufficient information was not available to accurately estimate these values.

2013
 STAAR MODIFIED EOC SCIENCE
 Conditional Standard Error of Measurement (CSEM)

Raw	Biology	
	SS	CSEM
0	1070	
1	1489	347
2	1737	249
3	1886	206
4	1995	181
5	2083	165
6	2156	153
7	2220	144
8	2278	137
9	2330	131
10	2378	126
11	2423	122
12	2466	119
13	2506	116
14	2545	114
15	2582	112
16	2619	111
17	2654	109
18	2689	109
19	2723	108
20	2757	107
21	*2800	107
22	2824	107
23	2858	107
24	2900	108
25	2926	108
26	2961	109
27	**3000	110
28	3032	112
29	3069	114
30	3108	116
31	3148	119
32	3190	122
33	3235	125
34	3283	130
35	3334	136
36	3391	143

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank.
 Sufficient information was not available to accurately estimate these values.

2013
STAAR MODIFIED EOC SCIENCE
Conditional Standard Error of Measurement (CSEM)

Raw	Biology	
	SS	CSEM
37	3455	152
38	***3500	164
39	3615	181
40	3723	206
41	3872	248
42	4118	346
43	4536	

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank.
Sufficient information was not available to accurately estimate these values.

2013
 STAAR MODIFIED EOC SOCIAL STUDIES
 Conditional Standard Error of Measurement (CSEM)

Raw	World Geography	
	SS	CSEM
0	1127	
1	1542	344
2	1786	246
3	1931	203
4	2037	178
5	2121	161
6	2192	149
7	2253	139
8	2307	132
9	2356	126
10	2400	121
11	2442	117
12	2480	113
13	2517	110
14	2552	108
15	2585	105
16	2617	103
17	2648	102
18	2678	100
19	2707	99
20	2735	98
21	2763	97
22	*2800	96
23	2818	96
24	2844	95
25	2871	95
26	2900	95
27	2923	95
28	2950	95
29	2976	95
30	**3000	95
31	3029	96
32	3056	96
33	3083	97
34	3111	98
35	3140	99
36	3168	100

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank.
 Sufficient information was not available to accurately estimate these values.

2013
STAAR MODIFIED EOC SOCIAL STUDIES
Conditional Standard Error of Measurement (CSEM)

Raw	World Geography	
	SS	CSEM
37	3198	101
38	3229	103
39	3261	105
40	3294	107
41	3328	110
42	***3354	113
43	3404	116
44	3445	121
45	3489	126
46	3538	132
47	3592	139
48	3652	148
49	3722	161
50	3806	178
51	3912	203
52	4058	246
53	4301	344
54	4716	

* Phase-in I Level II

** Recommended Level II

*** Recommended Level III

Conditional Standard Error of Measurement at minimum and maximum scores left intentionally blank.
Sufficient information was not available to accurately estimate these values.