

TAKS–M
2009 Conditional Standard Error
of Measurement (CSEM)

2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 3

Raw	Math		Reading	
	SS	CSEM	SS	CSEM
0	1421		1494	
1	1572	153	1631	139
2	1683	111	1732	101
3	1751	93	1795	84
4	1802	82	1841	75
5	1843	75	1879	69
6	1879	70	1912	64
7	1910	67	1941	61
8	1938	64	1968	59
9	1965	62	1992	57
10	1989	60	2015	55
11	2013	59	2037	54
12	2035	57	2059	53
13	2057	57	2080	53
14	2079	56	*2100	52
15	*2100	56	2120	52
16	2121	56	2141	52
17	2142	56	2161	53
18	2163	56	2182	53
19	2185	57	2203	54
20	2207	58	2225	55
21	2229	59	2249	57
22	2253	60	2273	59
23	2278	62	2300	61
24	2304	64	2329	64
25	2333	67	2362	69
26	2364	70	**2400	75
27	**2400	75	2447	85
28	2442	82	2509	101

* Met Standard level (Panel Recommended)

** Commended Performance level

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

2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 3

Raw	Math		Reading	
	SS	CSEM	SS	CSEM
29	2493	93	2611	139
30	2561	111	2748	
31	2672	153		
32	2824			

* Met Standard level (Panel Recommended)

** Commended Performance level

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2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 4

Raw	Math		Reading		Writing	
	SS	CSEM	SS	CSEM	SS	CSEM
0	1397		1532		1663	
1	1559	163	1665	135	1759	97
2	1676	118	1763	97	1830	71
3	1748	98	1822	81	1874	59
4	1800	87	1866	72	1906	52
5	1843	79	1902	65	1933	48
6	1879	74	1932	61	1956	45
7	1911	69	1959	58	1976	43
8	1940	66	1983	55	1994	41
9	1966	64	2005	53	2011	40
10	1991	62	2026	51	2027	38
11	2015	60	2045	50	2043	38
12	2037	59	2064	49	2058	37
13	2059	58	2082	49	2072	37
14	2079	58	*2100	48	2086	36
15	*2100	57	2117	48	*2100	36
16	2120	57	2135	48	2114	36
17	2140	57	2152	48	2128	36
18	2160	57	2169	48	2142	37
19	2181	57	2187	48	2157	37
20	2201	57	2205	49	2172	38
21	2222	58	2224	50	2187	39
22	2243	59	2243	51	2204	40
23	2266	60	2264	53	2222	42
24	2289	62	2285	55	2241	44
25	2313	64	2309	57	2262	46
26	2340	66	2335	60	2287	50
27	2368	69	2365	65	2316	55
28	**2400	73	**2400	71	2353	62

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** Commended Performance level

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2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 4

Raw	Math		Reading		Writing	
	SS	CSEM	SS	CSEM	SS	CSEM
29	2436	79	2443	81	**2400	72
30	2478	86	2502	97	2464	83
31	2531	98	2598	134	2545	92
32	2602	118	2731		2649	110
33	2719	163			2761	
34	2880					

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2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 5

Raw	Math		Reading		Science	
	SS	CSEM	SS	CSEM	SS	CSEM
0	1319		1497		1047	
1	1488	171	1623	128	1230	184
2	1611	123	1715	92	1364	133
3	1686	103	1771	77	1447	111
4	1741	91	1812	68	1508	99
5	1786	83	1846	62	1558	90
6	1824	77	1875	58	1600	84
7	1858	73	1900	55	1638	80
8	1888	70	1923	52	1672	76
9	1916	67	1944	50	1703	73
10	1942	65	1964	49	1732	71
11	1967	64	1982	48	1760	69
12	1991	62	2000	47	1787	68
13	2014	61	2018	46	1813	67
14	2036	61	2035	46	1838	67
15	2057	60	2051	45	1862	66
16	2079	60	2067	45	1887	66
17	*2100	60	2084	45	1912	66
18	2121	60	*2100	45	1936	66
19	2142	60	2116	45	1961	67
20	2164	60	2133	46	1987	68
21	2186	61	2150	46	2013	69
22	2208	62	2167	47	2040	71
23	2231	63	2186	48	2069	73
24	2255	64	2205	49	*2100	75
25	2280	66	2225	51	2133	79
26	2307	68	2246	53	2170	83
27	2335	70	2269	55	2211	89
28	2366	74	2295	58	2260	97

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2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 5

Raw	Math		Reading		Science	
	SS	CSEM	SS	CSEM	SS	CSEM
29	**2400	78	2324	62	2319	110
30	2439	84	2358	68	**2400	132
31	2484	91	**2400	77	2532	182
32	2540	103	2457	93	2712	
33	2616	124	2549	128		
34	2740	171	2676			
35	2909					

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2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 6

Raw	Math		Reading	
	SS	CSEM	SS	CSEM
0	1137		1538	
1	1340	206	1660	123
2	1489	148	1748	89
3	1579	124	1802	74
4	1646	109	1842	65
5	1700	100	1874	60
6	1746	93	1901	55
7	1787	88	1925	52
8	1823	84	1947	50
9	1857	81	1967	48
10	1888	78	1986	47
11	1918	76	2004	46
12	1946	75	2021	45
13	1974	73	2037	44
14	2000	72	2053	44
15	2025	71	2069	43
16	2051	71	2085	43
17	2075	70	*2100	43
18	*2100	70	2115	43
19	2125	70	2131	43
20	2149	70	2147	44
21	2174	71	2163	44
22	2199	71	2179	45
23	2224	72	2197	46
24	2251	73	2215	47
25	2278	74	2233	49
26	2306	76	2254	50
27	2335	78	2276	53
28	2367	81	2300	56

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2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 6

Raw	Math		Reading	
	SS	CSEM	SS	CSEM
29	**2400	84	2328	60
30	2436	88	2360	65
31	2477	93	**2400	74
32	2523	99	2454	89
33	2576	109	2543	123
34	2643	123	2664	
35	2733	148		
36	2881	205		
37	3084			

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2009
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Conditional Standard Error of Measurement (CSEM)
Grade 7

Raw	Math		Reading		Writing	
	SS	CSEM	SS	CSEM	SS	CSEM
0	1183		1479		1472	
1	1387	207	1607	131	1588	118
2	1535	149	1702	94	1673	85
3	1625	123	1759	78	1725	71
4	1691	109	1801	69	1764	63
5	1743	99	1835	63	1795	57
6	1788	92	1865	59	1822	53
7	1827	87	1890	56	1845	50
8	1862	83	1913	53	1866	48
9	1894	79	1934	51	1885	46
10	1924	77	1954	49	1903	45
11	1952	75	1972	48	1920	43
12	1979	73	1990	47	1936	42
13	2004	72	2007	46	1951	41
14	2029	70	2023	45	1966	41
15	2053	69	2039	45	1980	40
16	2077	69	2054	44	1994	40
17	*2100	68	2070	44	2008	39
18	2123	68	2085	44	2021	39
19	2146	68	*2100	44	2034	39
20	2169	68	2115	44	2048	39
21	2192	69	2130	44	2061	39
22	2215	69	2146	44	2074	39
23	2239	70	2161	45	2087	39
24	2263	71	2177	45	*2100	39
25	2288	72	2194	46	2113	39
26	2314	73	2211	47	2127	40
27	2341	75	2228	48	2141	40
28	2370	77	2247	49	2156	41

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2009
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Conditional Standard Error of Measurement (CSEM)
Grade 7

Raw	Math		Reading		Writing	
	SS	CSEM	SS	CSEM	SS	CSEM
29	**2400	80	2267	51	2171	42
30	2433	83	2288	53	2186	43
31	2468	87	2311	56	2203	44
32	2508	93	2337	59	2220	45
33	2553	100	2366	63	2239	47
34	2607	109	**2400	69	2259	49
35	2673	124	2442	78	2281	51
36	2763	149	2500	94	2305	54
37	2912	207	2594	131	2332	58
38	3117		2723		2364	62
39					**2400	67
40					2443	73
41					2495	81
42					2561	94
43					2660	124
44					2784	

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2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 8

Raw	Math		Reading		Science		Social Studies	
	SS	CSEM	SS	CSEM	SS	CSEM	SS	CSEM
0	1111		1511		1128		1417	
1	1323	215	1631	122	1314	188	1558	143
2	1476	154	1719	88	1448	135	1660	103
3	1569	128	1772	73	1530	112	1722	85
4	1637	113	1811	64	1589	99	1767	75
5	1691	102	1843	59	1637	90	1804	68
6	1737	95	1870	55	1678	84	1835	64
7	1777	90	1893	52	1714	79	1862	60
8	1813	85	1915	49	1745	75	1887	57
9	1846	82	1934	47	1775	72	1909	55
10	1877	79	1952	46	1802	69	1930	53
11	1905	77	1969	44	1827	67	1950	52
12	1933	75	1985	43	1851	66	1968	50
13	1958	73	2001	43	1874	64	1986	49
14	1983	72	2016	42	1896	63	2003	49
15	2008	71	2030	41	1918	62	2020	48
16	2031	70	2044	41	1939	62	2036	48
17	2055	70	2058	41	1959	61	2052	47
18	2077	69	2072	41	1979	61	2068	47
19	*2100	69	2086	41	1999	61	2084	47
20	2123	69	*2100	41	2019	61	*2100	47
21	2145	69	2114	41	2039	61	2116	47
22	2168	69	2128	41	2059	61	2132	48
23	2191	70	2142	41	2080	61	2148	48
24	2214	70	2157	42	*2100	62	2165	49
25	2238	71	2172	43	2121	62	2182	49
26	2262	72	2187	43	2142	63	2200	50
27	2287	73	2203	44	2164	64	2218	51
28	2313	75	2220	46	2187	66	2238	53

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2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 8

Raw	Math		Reading		Science		Social Studies	
	SS	CSEM	SS	CSEM	SS	CSEM	SS	CSEM
29	2340	77	2238	47	2211	67	2259	55
30	2369	79	2258	49	2237	69	2281	57
31	**2400	82	2279	51	2263	72	2305	60
32	2433	85	2303	55	2292	75	2332	64
33	2469	90	2329	59	2324	79	2363	68
34	2510	95	2361	64	2360	83	**2400	75
35	2556	103	**2400	73	**2400	90	2446	85
36	2611	113	2453	88	2448	99	2507	103
37	2679	128	2541	122	2507	112	2610	143
38	2772	154	2661		2589	135	2750	
39	2926	215			2723	188		
40	3138				2908			

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2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 09

Raw	Math		Reading	
	SS	CSEM	SS	CSEM
0	1289		1461	
1	1463	177	1590	131
2	1590	127	1685	95
3	1667	105	1743	79
4	1723	93	1787	70
5	1768	84	1822	64
6	1806	78	1852	60
7	1839	73	1879	57
8	1869	70	1903	55
9	1896	67	1926	53
10	1921	65	1947	52
11	1944	63	1968	51
12	1966	61	1987	50
13	1987	60	2006	49
14	2007	59	2025	49
15	2027	57	2044	49
16	2046	57	2062	49
17	2064	56	2081	49
18	2082	56	*2100	50
19	*2100	55	2120	50
20	2118	55	2140	51
21	2135	55	2161	53
22	2153	55	2183	55
23	2171	55	2208	57
24	2188	56	2234	60
25	2206	56	2264	64
26	2225	57	2299	70
27	2244	57	2342	79
28	2263	58	**2400	95

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2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 09

Raw	Math		Reading	
	SS	CSEM	SS	CSEM
29	2283	59	2495	131
30	2304	61	2624	
31	2326	62		
32	2349	64		
33	2373	67		
34	**2400	69		
35	2429	73		
36	2462	78		
37	2500	84		
38	2544	92		
39	2600	105		
40	2675	126		
41	2801	176		
42	2975			

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2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 10

Raw	Math		ELA		Science		Social Studies	
	SS	CSEM	SS	CSEM	SS	CSEM	SS	CSEM
0	1264		1413		896		1307	
1	1444	182	1548	137	1129	237	1460	155
2	1573	131	1646	98	1298	170	1573	112
3	1651	108	1705	82	1400	141	1642	93
4	1708	95	1749	72	1474	124	1693	82
5	1754	86	1784	65	1533	112	1734	75
6	1792	80	1813	61	1583	104	1768	69
7	1826	75	1839	57	1627	98	1798	65
8	1855	71	1862	54	1665	93	1825	62
9	1882	68	1883	52	1701	89	1849	59
10	1907	65	1903	50	1733	86	1872	57
11	1930	63	1921	49	1764	83	1893	55
12	1952	62	1938	48	1792	81	1913	54
13	1973	60	1955	47	1819	79	1932	53
14	1993	59	1971	46	1846	77	1950	52
15	2012	58	1986	45	1871	76	1968	51
16	2030	57	2001	45	1895	75	1985	50
17	2048	56	2016	44	1919	74	2002	50
18	2066	56	2030	44	1942	74	2018	50
19	2083	55	2044	44	1965	73	2035	50
20	*2100	55	2058	43	1988	73	2051	49
21	2117	55	2072	43	2010	72	2067	49
22	2134	55	2086	43	2033	72	2084	50
23	2150	55	*2100	43	2055	72	*2100	50
24	2167	55	2114	44	2077	73	2117	50
25	2184	55	2128	44	*2100	73	2134	51
26	2201	55	2143	44	2123	74	2151	52
27	2218	56	2157	45	2146	74	2169	52
28	2235	56	2172	45	2170	75	2188	54

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Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 10

Raw	Math		ELA		Science		Social Studies	
	SS	CSEM	SS	CSEM	SS	CSEM	SS	CSEM
29	2253	57	2188	46	2194	76	2207	55
30	2272	58	2204	47	2220	77	2228	57
31	2291	59	2220	48	2246	79	2250	58
32	2310	60	2237	49	2273	81	2273	61
33	2331	61	2256	50	2302	83	2299	64
34	2352	63	2275	52	2332	86	2328	68
35	2375	65	2296	54	2365	89	2361	73
36	**2400	68	2318	56	**2400	93	**2400	80
37	2427	71	2342	59	2439	98	2449	91
38	2456	74	2369	62	2482	104	2515	110
39	2489	79	**2400	66	2532	112	2624	153
40	2527	86	2435	72	2592	124	2775	
41	2572	95	2477	79	2666	141		
42	2629	108	2529	89	2768	170		
43	2706	130	2597	105	2937	237		
44	2836	182	2706	142	3170			
45	3014		2847					

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2009
Texas Assessment of Knowledge and Skills - Modified (TAKS-M)
Conditional Standard Error of Measurement (CSEM)
Grade 11

Raw	Math		Social Studies		Science		ELA	
	SS	CSEM	SS	CSEM	SS	CSEM	SS	CSEM
0	1119		1320		1075		1416	
1	1319	203	1473	156	1265	192	1534	120
2	1463	145	1585	112	1403	138	1620	86
3	1550	120	1651	93	1487	115	1672	72
4	1614	106	1700	81	1549	101	1711	63
5	1664	96	1740	74	1598	92	1742	58
6	1707	89	1772	68	1640	86	1768	53
7	1744	83	1801	64	1677	81	1791	50
8	1777	79	1827	61	1710	77	1811	48
9	1807	76	1850	58	1740	73	1830	46
10	1834	73	1872	56	1767	71	1847	44
11	1860	70	1892	55	1793	69	1864	43
12	1884	68	1911	53	1818	67	1879	42
13	1907	67	1929	52	1841	65	1894	41
14	1929	65	1946	51	1863	64	1908	40
15	1950	64	1963	50	1885	63	1922	40
16	1970	63	1979	49	1906	62	1935	39
17	1990	62	1995	49	1926	61	1948	39
18	2009	61	2010	48	1946	61	1961	38
19	2027	61	2026	48	1966	60	1973	38
20	2046	60	2041	48	1985	60	1986	38
21	2064	60	2055	48	2004	60	1998	38
22	2082	60	2070	48	2023	60	2010	38
23	*2100	60	2085	48	2042	60	2023	38
24	2118	60	*2100	48	2061	60	2035	38
25	2136	60	2115	48	2081	60	2048	38
26	2153	60	2130	48	*2100	61	2060	39
27	2171	60	2146	49	2120	61	2073	39
28	2190	60	2161	49	2140	62	2086	40

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Conditional Standard Error of Measurement (CSEM)
Grade 11

Raw	Math		Social Studies		Science		ELA	
	SS	CSEM	SS	CSEM	SS	CSEM	SS	CSEM
29	2208	61	2177	50	2160	63	*2100	40
30	2227	61	2194	51	2182	64	2114	41
31	2246	62	2211	52	2204	65	2129	42
32	2265	63	2229	53	2226	66	2144	43
33	2285	64	2248	55	2250	68	2160	44
34	2306	65	2268	56	2276	70	2177	45
35	2328	66	2290	58	2303	73	2195	47
36	2351	68	2313	61	2332	76	2214	49
37	2375	70	2339	64	2364	80	2236	51
38	**2400	72	2367	68	**2400	85	2260	54
39	2427	75	**2400	74	2441	91	2287	58
40	2457	79	2439	81	2490	100	2318	63
41	2490	83	2488	92	2550	114	2354	69
42	2526	89	2554	112	2633	137	**2400	78
43	2569	96	2665	156	2769	191	2461	92
44	2619	106	2819		2958		2556	125
45	2682	120					2680	
46	2769	145						
47	2913	203						
48	3112							

* Met Standard level (Panel Recommended)

** Commended Performance level

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