Grade 06 TAKS (Spring 2003) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	281485	30.651	8.232	0.907	2.510	72.978
	Basic Understanding	13	281485	10.053	2.792	0.780	1.310	77.330
	Applying Knowledge of Literary Elements	08	281485	6.175	1.827	0.685	1.025	77.187
	Using Strategies to Analyze	08	281485	5.694	1.832	0.612	1.141	71.175
	Applying Critical-Thinking Skills	13	281485	8.729	2.856	0.729	1.487	67.146
Mathematics	COMPLETE SUBTEST	46	283564	30.654	9.014	0.904	2.793	66.639
	Numbers, Operations, and Quantitative Reasoning	10	283564	6.807	2.570	0.752	1.280	68.070
	Patterns, Relationships, and Algebraic Reasoning	09	283564	5.524	2.285	0.698	1.256	61.377
	Geometry and Spatial Reasoning	07	283564	5.024	1.545	0.521	1.069	71.771
	Concepts and Uses of Measurement	05	283564	3.134	1.349	0.505	0.949	62.680
	Probability and Statistics	06	283564	3.930	1.231	0.389	0.962	65.500
	Mathematical Processes and Tools	09	283564	6.235	2.110	0.660	1.230	69.277

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2003) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	141855	30.739	8.038	0.903	2.503	73.188
	Basic Understanding	13	141855	10.084	2.734	0.772	1.305	77.569
	Applying Knowledge of Literary Elements	08	141855	6.219	1.791	0.679	1.015	77.737
	Using Strategies to Analyze	08	141855	5.728	1.798	0.599	1.139	71.600
	Applying Critical-Thinking Skills	13	141855	8.707	2.800	0.719	1.484	66.976
Mathematics	COMPLETE SUBTEST	46	142037	30.737	8.928	0.903	2.781	66.819
	Numbers, Operations, and Quantitative Reasoning	10	142037	6.901	2.529	0.748	1.270	69.010
	Patterns, Relationships, and Algebraic Reasoning	09	142037	5.484	2.275	0.694	1.258	60.933
	Geometry and Spatial Reasoning	07	142037	5.044	1.516	0.502	1.070	72.057
	Concepts and Uses of Measurement	05	142037	3.063	1.366	0.510	0.956	61.260
	Probability and Statistics	06	142037	3.979	1.238	0.399	0.960	66.316
	Mathematical Processes and Tools	09	142037	6.265	2.081	0.653	1.226	69.611

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2003) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	139369	30.566	8.422	0.911	2.513	72.776
	Basic Understanding	13	139369	10.022	2.849	0.788	1.312	77.092
	Applying Knowledge of Literary Elements	08	139369	6.131	1.861	0.691	1.034	76.637
	Using Strategies to Analyze	08	139369	5.660	1.865	0.625	1.142	70.750
	Applying Critical-Thinking Skills	13	139369	8.753	2.911	0.739	1.487	67.330
Mathematics	COMPLETE SUBTEST	46	141268	30.576	9.099	0.906	2.790	66.469
	Numbers, Operations, and Quantitative Reasoning	10	141268	6.713	2.607	0.756	1.288	67.130
	Patterns, Relationships, and Algebraic Reasoning	09	141268	5.566	2.293	0.703	1.250	61.844
	Geometry and Spatial Reasoning	07	141268	5.004	1.572	0.541	1.065	71.485
	Concepts and Uses of Measurement	05	141268	3.205	1.327	0.499	0.939	64.100
	Probability and Statistics	06	141268	3.882	1.223	0.377	0.965	64.700
	Mathematical Processes and Tools	09	141268	6.206	2.138	0.667	1.234	68.955

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2003) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	039796	27.725	8.334	0.895	2.701	66.011
	Basic Understanding	13	039796	9.138	2.961	0.765	1.435	70.292
	Applying Knowledge of Literary Elements	08	039796	5.741	1.912	0.664	1.108	71.762
	Using Strategies to Analyze	08	039796	5.104	1.881	0.575	1.226	63.800
	Applying Critical-Thinking Skills	13	039796	7.743	2.795	0.685	1.569	59.561
Mathematics	COMPLETE SUBTEST	46	040061	26.898	8.838	0.889	2.945	58.473
	Numbers, Operations, and Quantitative Reasoning	10	040061	5.971	2.617	0.729	1.362	59.710
	Patterns, Relationships, and Algebraic Reasoning	09	040061	4.736	2.207	0.647	1.311	52.622
	Geometry and Spatial Reasoning	07	040061	4.478	1.640	0.504	1.155	63.971
	Concepts and Uses of Measurement	05	040061	2.572	1.369	0.473	0.994	51.440
	Probability and Statistics	06	040061	3.639	1.182	0.320	0.975	60.650
	Mathematical Processes and Tools	09	040061	5.502	2.122	0.616	1.315	61.133

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2003) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	008054	33.967	6.947	0.895	2.251	80.873
	Basic Understanding	13	008054	11.098	2.270	0.752	1.130	85.369
	Applying Knowledge of Literary Elements	08	008054	6.805	1.518	0.656	0.890	85.062
	Using Strategies to Analyze	08	008054	6.348	1.589	0.582	1.027	79.350
	Applying Critical-Thinking Skills	13	008054	9.716	2.586	0.713	1.385	74.738
Mathematics	COMPLETE SUBTEST	46	008092	36.590	7.783	0.904	2.411	79.543
	Numbers, Operations, and Quantitative Reasoning	10	008092	8.214	2.076	0.737	1.065	82.140
	Patterns, Relationships, and Algebraic Reasoning	09	008092	6.922	2.005	0.709	1.082	76.911
	Geometry and Spatial Reasoning	07	008092	5.712	1.305	0.496	0.926	81.600
	Concepts and Uses of Measurement	05	008092	3.838	1.168	0.474	0.847	76.760
	Probability and Statistics	06	008092	4.596	1.199	0.439	0.898	76.600
	Mathematical Processes and Tools	09	008092	7.308	1.801	0.664	1.044	81.200

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2003) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	114000	28.173	8.271	0.896	2.667	67.078
	Basic Understanding	13	114000	9.350	2.898	0.764	1.408	71.923
	Applying Knowledge of Literary Elements	08	114000	5.709	1.923	0.669	1.106	71.362
	Using Strategies to Analyze	08	114000	5.249	1.860	0.579	1.207	65.612
	Applying Critical-Thinking Skills	13	114000	7.864	2.793	0.687	1.563	60.492
Mathematics	COMPLETE SUBTEST	46	115426	28.439	8.767	0.891	2.894	61.823
	Numbers, Operations, and Quantitative Reasoning	10	115426	6.289	2.616	0.740	1.334	62.890
	Patterns, Relationships, and Algebraic Reasoning	09	115426	4.995	2.213	0.653	1.304	55.500
	Geometry and Spatial Reasoning	07	115426	4.809	1.563	0.497	1.109	68.700
	Concepts and Uses of Measurement	05	115426	2.899	1.339	0.474	0.971	57.980
	Probability and Statistics	06	115426	3.688	1.193	0.327	0.979	61.466
	Mathematical Processes and Tools	09	115426	5.760	2.118	0.629	1.290	64.000

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2003) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000909	31.406	7.812	0.899	2.483	74.776
	Basic Understanding	13	000909	10.224	2.674	0.765	1.296	78.646
	Applying Knowledge of Literary Elements	08	000909	6.295	1.751	0.663	1.016	78.687
	Using Strategies to Analyze	08	000909	5.822	1.804	0.614	1.121	72.775
	Applying Critical-Thinking Skills	13	000909	9.065	2.706	0.705	1.470	69.730
Mathematics	COMPLETE SUBTEST	46	000903	30.512	8.886	0.901	2.796	66.330
	Numbers, Operations, and Quantitative Reasoning	10	000903	6.711	2.619	0.761	1.280	67.110
	Patterns, Relationships, and Algebraic Reasoning	09	000903	5.437	2.276	0.695	1.257	60.411
	Geometry and Spatial Reasoning	07	000903	5.023	1.533	0.517	1.065	71.757
	Concepts and Uses of Measurement	05	000903	3.145	1.356	0.520	0.939	62.900
	Probability and Statistics	06	000903	3.940	1.205	0.363	0.962	65.666
	Mathematical Processes and Tools	09	000903	6.255	2.054	0.635	1.241	69.500

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2003) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	118280	33.806	6.952	0.893	2.274	80.490
	Basic Understanding	13	118280	10.970	2.320	0.750	1.160	84.384
	Applying Knowledge of Literary Elements	08	118280	6.729	1.530	0.644	0.913	84.112
	Using Strategies to Analyze	08	118280	6.279	1.603	0.576	1.044	78.487
	Applying Critical-Thinking Skills	13	118280	9.827	2.529	0.702	1.381	75.592
Mathematics	COMPLETE SUBTEST	46	118634	33.692	8.169	0.896	2.634	73.243
	Numbers, Operations, and Quantitative Reasoning	10	118634	7.501	2.307	0.728	1.203	75.010
	Patterns, Relationships, and Algebraic Reasoning	09	118634	6.214	2.153	0.694	1.191	69.044
	Geometry and Spatial Reasoning	07	118634	5.373	1.404	0.490	1.003	76.757
	Concepts and Uses of Measurement	05	118634	3.507	1.235	0.453	0.913	70.140
	Probability and Statistics	06	118634	4.221	1.205	0.395	0.937	70.350
	Mathematical Processes and Tools	09	118634	6.876	1.895	0.636	1.143	76.400

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2003) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	281923	36.291	7.896	0.892	2.595	75.606
	Basic Understanding	12	281923	9.890	2.068	0.681	1.168	82.416
	Applying Knowledge of Literary Elements	10	281923	8.281	1.863	0.679	1.056	82.810
	Using Strategies to Analyze	10	281923	7.508	2.022	0.655	1.188	75.080
	Applying Critical-Thinking Skills	16	281923	10.612	3.112	0.709	1.679	66.325
Mathematics	COMPLETE SUBTEST	48	283305	28.329	9.476	0.901	2.982	59.018
	Numbers, Operations, and Quantitative Reasoning	10	283305	6.034	2.335	0.676	1.329	60.340
	Patterns, Relationships, and Algebraic Reasoning	10	283305	5.351	2.539	0.712	1.363	53.510
	Geometry and Spatial Reasoning	07	283305	4.490	1.545	0.452	1.144	64.142
	Concepts and Uses of Measurement	05	283305	2.683	1.521	0.627	0.929	53.660
	Probability and Statistics	07	283305	3.876	1.774	0.563	1.173	55.371
	Mathematical Processes and Tools	09	283305	5.895	1.978	0.593	1.262	65.500
Writing	COMPLETE SUBTEST	44	276575	32.378	7.334	0.890	2.432	75.045
	Appropriate Organization of Ideas	06	276575	4.275	1.412	0.520	0.978	71.250
	Correct and Effective Sentence Construction	10	276575	7.240	2.383	0.741	1.213	72.400
	Standard Usage and Appropriate Word Choice	12	276575	9.311	2.215	0.670	1.272	77.591
	Proofreading for Punctuation, Capitalization, and Spelling	12	276575	9.193	2.279	0.678	1.293	76.608

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2003) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	142674	36.890	7.366	0.880	2.552	76.854
	Basic Understanding	12	142674	10.012	1.910	0.643	1.141	83.433
	Applying Knowledge of Literary Elements	10	142674	8.429	1.716	0.641	1.028	84.290
	Using Strategies to Analyze	10	142674	7.688	1.894	0.624	1.161	76.880
	Applying Critical-Thinking Skills	16	142674	10.761	3.039	0.700	1.665	67.256
Mathematics	COMPLETE SUBTEST	48	142716	28.498	9.292	0.898	2.968	59.370
	Numbers, Operations, and Quantitative Reasoning	10	142716	6.048	2.300	0.667	1.327	60.480
	Patterns, Relationships, and Algebraic Reasoning	10	142716	5.294	2.498	0.701	1.366	52.940
	Geometry and Spatial Reasoning	07	142716	4.510	1.522	0.431	1.148	64.428
	Concepts and Uses of Measurement	05	142716	2.715	1.506	0.620	0.928	54.300
	Probability and Statistics	07	142716	3.969	1.769	0.563	1.169	56.700
	Mathematical Processes and Tools	09	142716	5.962	1.933	0.577	1.257	66.244
Writing	COMPLETE SUBTEST	44	140686	33.525	6.770	0.878	2.365	77.640
	Appropriate Organization of Ideas	06	140686	4.389	1.348	0.486	0.966	73.150
	Correct and Effective Sentence Construction	10	140686	7.547	2.204	0.716	1.175	75.470
	Standard Usage and Appropriate Word Choice	12	140686	9.592	2.070	0.648	1.228	79.933
	Proofreading for Punctuation, Capitalization, and Spelling	12	140686	9.528	2.114	0.651	1.249	79.400

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2003) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	138896	35.684	8.357	0.901	2.629	74.341
	Basic Understanding	12	138896	9.767	2.210	0.709	1.192	81.391
	Applying Knowledge of Literary Elements	10	138896	8.131	1.989	0.705	1.080	81.310
	Using Strategies to Analyze	10	138896	7.325	2.129	0.676	1.212	73.250
	Applying Critical-Thinking Skills	16	138896	10.461	3.177	0.717	1.690	65.381
Mathematics	COMPLETE SUBTEST	48	140207	28.170	9.655	0.905	2.976	58.687
	Numbers, Operations, and Quantitative Reasoning	10	140207	6.023	2.368	0.686	1.327	60.230
	Patterns, Relationships, and Algebraic Reasoning	10	140207	5.411	2.578	0.723	1.357	54.110
	Geometry and Spatial Reasoning	07	140207	4.471	1.567	0.470	1.141	63.871
	Concepts and Uses of Measurement	05	140207	2.653	1.534	0.634	0.928	53.060
	Probability and Statistics	07	140207	3.784	1.774	0.563	1.173	54.057
	Mathematical Processes and Tools	09	140207	5.829	2.021	0.609	1.264	64.766
Writing	COMPLETE SUBTEST	44	135712	31.195	7.695	0.894	2.505	72.367
	Appropriate Organization of Ideas	06	135712	4.157	1.465	0.544	0.989	69.283
	Correct and Effective Sentence Construction	10	135712	6.923	2.516	0.754	1.248	69.230
	Standard Usage and Appropriate Word Choice	12	135712	9.020	2.319	0.678	1.316	75.166
	Proofreading for Punctuation, Capitalization, and Spelling	12	135712	8.847	2.388	0.686	1.338	73.725

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2003) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	039350	33.578	7.773	0.873	2.770	69.954
	Basic Understanding	12	039350	9.371	2.146	0.650	1.270	78.091
	Applying Knowledge of Literary Elements	10	039350	7.811	1.960	0.650	1.160	78.110
	Using Strategies to Analyze	10	039350	6.955	2.068	0.618	1.278	69.550
	Applying Critical-Thinking Skills	16	039350	9.441	2.953	0.647	1.754	59.006
Mathematics	COMPLETE SUBTEST	48	039523	24.406	8.409	0.864	3.101	50.845
	Numbers, Operations, and Quantitative Reasoning	10	039523	5.159	2.183	0.593	1.393	51.590
	Patterns, Relationships, and Algebraic Reasoning	10	039523	4.428	2.263	0.617	1.401	44.280
	Geometry and Spatial Reasoning	07	039523	3.986	1.554	0.391	1.213	56.942
	Concepts and Uses of Measurement	05	039523	2.168	1.407	0.519	0.976	43.360
	Probability and Statistics	07	039523	3.296	1.667	0.481	1.201	47.085
	Mathematical Processes and Tools	09	039523	5.370	1.922	0.523	1.327	59.666
Writing	COMPLETE SUBTEST	44	038456	30.142	7.377	0.877	2.587	69.752
	Appropriate Organization of Ideas	06	038456	3.855	1.475	0.497	1.046	64.250
	Correct and Effective Sentence Construction	10	038456	6.647	2.421	0.720	1.281	66.470
	Standard Usage and Appropriate Word Choice	12	038456	8.599	2.309	0.641	1.383	71.658
	Proofreading for Punctuation, Capitalization, and Spelling	12	038456	8.802	2.322	0.660	1.354	73.350

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2003) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	008151	38.972	6.801	0.878	2.375	81.191
	Basic Understanding	12	008151	10.533	1.683	0.629	1.025	87.775
	Applying Knowledge of Literary Elements	10	008151	8.832	1.554	0.656	0.911	88.320
	Using Strategies to Analyze	10	008151	8.113	1.695	0.598	1.075	81.130
	Applying Critical-Thinking Skills	16	008151	11.493	2.963	0.708	1.601	71.831
Mathematics	COMPLETE SUBTEST	48	008190	35.467	9.242	0.919	2.630	73.889
	Numbers, Operations, and Quantitative Reasoning	10	008190	7.535	2.202	0.728	1.148	75.350
	Patterns, Relationships, and Algebraic Reasoning	10	008190	7.157	2.531	0.774	1.203	71.570
	Geometry and Spatial Reasoning	07	008190	5.280	1.399	0.467	1.021	75.428
	Concepts and Uses of Measurement	05	008190	3.654	1.413	0.675	0.806	73.080
	Probability and Statistics	07	008190	4.843	1.696	0.593	1.082	69.185
	Mathematical Processes and Tools	09	008190	6.999	1.825	0.631	1.109	77.766
Writing	COMPLETE SUBTEST	44	008095	35.780	6.226	0.882	2.139	83.005
	Appropriate Organization of Ideas	06	008095	4.688	1.233	0.466	0.901	78.133
	Correct and Effective Sentence Construction	10	008095	8.117	2.051	0.734	1.058	81.170
	Standard Usage and Appropriate Word Choice	12	008095	9.969	1.922	0.644	1.147	83.075
	Proofreading for Punctuation, Capitalization, and Spelling	12	008095	10.428	1.812	0.661	1.055	86.900

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2003) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	110382	33.997	8.028	0.883	2.746	70.827
	Basic Understanding	12	110382	9.379	2.197	0.666	1.270	78.158
	Applying Knowledge of Literary Elements	10	110382	7.838	2.013	0.676	1.146	78.380
	Using Strategies to Analyze	10	110382	7.032	2.083	0.634	1.260	70.320
	Applying Critical-Thinking Skills	16	110382	9.748	3.023	0.670	1.737	60.925
Mathematics	COMPLETE SUBTEST	48	111412	25.599	8.639	0.875	3.054	53.331
	Numbers, Operations, and Quantitative Reasoning	10	111412	5.464	2.219	0.620	1.368	54.640
	Patterns, Relationships, and Algebraic Reasoning	10	111412	4.702	2.321	0.643	1.387	47.020
	Geometry and Spatial Reasoning	07	111412	4.195	1.496	0.378	1.180	59.928
	Concepts and Uses of Measurement	05	111412	2.340	1.457	0.569	0.957	46.800
	Probability and Statistics	07	111412	3.489	1.678	0.496	1.191	49.842
	Mathematical Processes and Tools	09	111412	5.410	1.954	0.549	1.312	60.111
Writing	COMPLETE SUBTEST	44	108683	30.418	7.484	0.882	2.571	70.437
	Appropriate Organization of Ideas	06	108683	3.934	1.455	0.489	1.040	65.566
	Correct and Effective Sentence Construction	10	108683	6.626	2.446	0.722	1.290	66.260
	Standard Usage and Appropriate Word Choice	12	108683	8.951	2.295	0.664	1.330	74.591
	Proofreading for Punctuation, Capitalization, and Spelling	12	108683	8.663	2.373	0.666	1.371	72.191

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2003) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	000982	36.568	7.617	0.884	2.594	76.183
	Basic Understanding	12	000982	9.985	1.997	0.664	1.158	83.208
	Applying Knowledge of Literary Elements	10	000982	8.343	1.848	0.682	1.042	83.430
	Using Strategies to Analyze	10	000982	7.509	1.951	0.628	1.190	75.090
	Applying Critical-Thinking Skills	16	000982	10.731	3.043	0.693	1.686	67.068
Mathematics	COMPLETE SUBTEST	48	000984	28.042	9.345	0.897	2.999	58.420
	Numbers, Operations, and Quantitative Reasoning	10	000984	5.986	2.338	0.674	1.335	59.860
	Patterns, Relationships, and Algebraic Reasoning	10	000984	5.293	2.485	0.692	1.379	52.930
	Geometry and Spatial Reasoning	07	000984	4.552	1.524	0.437	1.144	65.028
	Concepts and Uses of Measurement	05	000984	2.635	1.500	0.621	0.923	52.700
	Probability and Statistics	07	000984	3.765	1.797	0.574	1.173	53.785
	Mathematical Processes and Tools	09	000984	5.811	2.034	0.613	1.265	64.566
Writing	COMPLETE SUBTEST	44	000933	32.145	7.323	0.888	2.451	74.535
	Appropriate Organization of Ideas	06	000933	4.314	1.361	0.488	0.974	71.900
	Correct and Effective Sentence Construction	10	000933	7.151	2.429	0.745	1.227	71.510
	Standard Usage and Appropriate Word Choice	12	000933	9.136	2.303	0.688	1.286	76.133
	Proofreading for Punctuation, Capitalization, and Spelling	12	000933	9.212	2.239	0.666	1.294	76.766

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2003) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	122388	39.081	6.818	0.878	2.381	81.418
	Basic Understanding	12	122388	10.482	1.745	0.649	1.034	87.350
	Applying Knowledge of Literary Elements	10	122388	8.801	1.529	0.631	0.929	88.010
	Using Strategies to Analyze	10	122388	8.082	1.792	0.630	1.090	80.820
	Applying Critical-Thinking Skills	16	122388	11.716	2.854	0.688	1.594	73.225
Mathematics	COMPLETE SUBTEST	48	122498	31.637	9.157	0.902	2.867	65.910
	Numbers, Operations, and Quantitative Reasoning	10	122498	6.743	2.233	0.672	1.279	67.430
	Patterns, Relationships, and Algebraic Reasoning	10	122498	6.125	2.522	0.721	1.332	61.250
	Geometry and Spatial Reasoning	07	122498	4.872	1.480	0.454	1.094	69.600
	Concepts and Uses of Measurement	05	122498	3.102	1.476	0.635	0.892	62.040
	Probability and Statistics	07	122498	4.357	1.744	0.567	1.148	62.242
	Mathematical Processes and Tools	09	122498	6.438	1.850	0.582	1.196	71.533
Writing	COMPLETE SUBTEST	44	120059	34.658	6.430	0.877	2.255	80.417
	Appropriate Organization of Ideas	06	120059	4.692	1.226	0.467	0.895	78.200
	Correct and Effective Sentence Construction	10	120059	7.931	2.109	0.721	1.114	79.310
	Standard Usage and Appropriate Word Choice	12	120059	9.825	1.983	0.647	1.178	81.875
	Proofreading for Punctuation, Capitalization, and Spelling	12	120059	9.719	2.040	0.650	1.207	80.991

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2003) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	275594	38.274	8.229	0.911	2.455	79.737
	Basic Understanding	12	275594	9.886	2.141	0.703	1.167	82.383
	Applying Knowledge of Literary Elements	10	275594	7.782	2.077	0.675	1.184	77.820
	Using Strategies to Analyze	10	275594	7.884	2.014	0.677	1.145	78.840
	Applying Critical-Thinking Skills	16	275594	12.722	3.020	0.782	1.410	79.512
Mathematics	COMPLETE SUBTEST	50	275739	29.967	9.308	0.892	3.059	59.934
	Numbers, Operations, and Quantitative Reasoning	10	275739	5.875	2.390	0.656	1.402	58.750
	Patterns, Relationships, and Algebraic Reasoning	10	275739	6.023	2.327	0.670	1.337	60.230
	Geometry and Spatial Reasoning	07	275739	4.462	1.605	0.501	1.134	63.742
	Concepts and Uses of Measurement	05	275739	2.246	1.280	0.382	1.006	44.920
	Probability and Statistics	08	275739	5.258	1.788	0.550	1.199	65.725
	Mathematical Processes and Tools	10	275739	6.103	2.276	0.656	1.335	61.030
Social Studies	COMPLETE SUBTEST	48	278120	31.563	8.572	0.884	2.920	65.756
	Issues and Events in U.S. History	13	278120	8.144	2.832	0.710	1.525	62.646
	Geographic Influences on History	06	278120	4.048	1.504	0.536	1.024	67.466
	Economic and Social Influences on History	09	278120	6.194	1.819	0.564	1.201	68.822
	Political Influences on History	12	278120	7.534	2.592	0.654	1.525	62.783
	Critical-Thinking Skills	08	278120	5.643	1.632	0.491	1.164	70.537

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2003) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	139032	38.704	7.863	0.905	2.424	80.633
	Basic Understanding	12	139032	9.956	2.063	0.685	1.158	82.966
	Applying Knowledge of Literary Elements	10	139032	7.974	1.976	0.660	1.152	79.740
	Using Strategies to Analyze	10	139032	7.933	1.963	0.664	1.138	79.330
	Applying Critical-Thinking Skills	16	139032	12.842	2.895	0.769	1.391	80.262
Mathematics	COMPLETE SUBTEST	50	138530	29.673	9.120	0.887	3.066	59.346
	Numbers, Operations, and Quantitative Reasoning	10	138530	5.835	2.345	0.642	1.403	58.350
	Patterns, Relationships, and Algebraic Reasoning	10	138530	6.059	2.299	0.662	1.337	60.590
	Geometry and Spatial Reasoning	07	138530	4.452	1.595	0.492	1.137	63.600
	Concepts and Uses of Measurement	05	138530	2.131	1.261	0.370	1.001	42.620
	Probability and Statistics	08	138530	5.193	1.787	0.538	1.215	64.912
	Mathematical Processes and Tools	10	138530	6.003	2.234	0.640	1.340	60.030
Social Studies	COMPLETE SUBTEST	48	139538	31.011	8.226	0.870	2.966	64.606
	Issues and Events in U.S. History	13	139538	7.890	2.719	0.673	1.555	60.692
	Geographic Influences on History	06	139538	3.943	1.499	0.511	1.048	65.716
	Economic and Social Influences on History	09	139538	6.094	1.817	0.553	1.215	67.711
	Political Influences on History	12	139538	7.507	2.501	0.621	1.540	62.558
	Critical-Thinking Skills	08	139538	5.577	1.603	0.457	1.181	69.712

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2003) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	136204	37.841	8.560	0.916	2.481	78.835
	Basic Understanding	12	136204	9.817	2.215	0.719	1.174	81.808
	Applying Knowledge of Literary Elements	10	136204	7.588	2.158	0.684	1.213	75.880
	Using Strategies to Analyze	10	136204	7.835	2.063	0.691	1.147	78.350
	Applying Critical-Thinking Skills	16	136204	12.601	3.136	0.794	1.423	78.756
Mathematics	COMPLETE SUBTEST	50	136856	30.273	9.484	0.897	3.044	60.546
	Numbers, Operations, and Quantitative Reasoning	10	136856	5.918	2.435	0.671	1.397	59.180
	Patterns, Relationships, and Algebraic Reasoning	10	136856	5.988	2.354	0.677	1.338	59.880
	Geometry and Spatial Reasoning	07	136856	4.473	1.616	0.511	1.130	63.900
	Concepts and Uses of Measurement	05	136856	2.362	1.289	0.385	1.011	47.240
	Probability and Statistics	08	136856	5.325	1.787	0.562	1.183	66.562
	Mathematical Processes and Tools	10	136856	6.206	2.314	0.671	1.327	62.060
Social Studies	COMPLETE SUBTEST	48	138221	32.128	8.871	0.895	2.875	66.933
	Issues and Events in U.S. History	13	138221	8.403	2.920	0.739	1.492	64.638
	Geographic Influences on History	06	138221	4.155	1.502	0.558	0.999	69.250
	Economic and Social Influences on History	09	138221	6.297	1.814	0.573	1.185	69.966
	Political Influences on History	12	138221	7.564	2.679	0.683	1.508	63.033
	Critical-Thinking Skills	08	138221	5.710	1.657	0.527	1.140	71.375

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2003) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	038351	35.497	8.517	0.899	2.707	73.952
	Basic Understanding	12	038351	9.308	2.243	0.674	1.281	77.566
	Applying Knowledge of Literary Elements	10	038351	7.201	2.177	0.649	1.290	72.010
	Using Strategies to Analyze	10	038351	7.234	2.106	0.643	1.258	72.340
	Applying Critical-Thinking Skills	16	038351	11.754	3.167	0.759	1.555	73.462
Mathematics	COMPLETE SUBTEST	50	038328	25.949	8.399	0.858	3.165	51.898
	Numbers, Operations, and Quantitative Reasoning	10	038328	5.065	2.250	0.586	1.448	50.650
	Patterns, Relationships, and Algebraic Reasoning	10	038328	5.244	2.219	0.616	1.375	52.440
	Geometry and Spatial Reasoning	07	038328	3.874	1.607	0.447	1.195	55.342
	Concepts and Uses of Measurement	05	038328	1.872	1.146	0.240	0.999	37.440
	Probability and Statistics	08	038328	4.697	1.737	0.465	1.271	58.712
	Mathematical Processes and Tools	10	038328	5.196	2.139	0.576	1.393	51.960
Social Studies	COMPLETE SUBTEST	48	038910	28.950	7.946	0.852	3.057	60.312
	Issues and Events in U.S. History	13	038910	7.369	2.659	0.642	1.591	56.684
	Geographic Influences on History	06	038910	3.596	1.505	0.471	1.095	59.933
	Economic and Social Influences on History	09	038910	5.790	1.798	0.513	1.255	64.333
	Political Influences on History	12	038910	6.928	2.472	0.589	1.585	57.733
	Critical-Thinking Skills	08	038910	5.267	1.602	0.416	1.224	65.837

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2003) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	008512	41.582	6.610	0.898	2.111	86.629
	Basic Understanding	12	008512	10.593	1.715	0.660	1.000	88.275
	Applying Knowledge of Literary Elements	10	008512	8.612	1.667	0.640	1.000	86.120
	Using Strategies to Analyze	10	008512	8.598	1.684	0.658	0.985	85.980
	Applying Critical-Thinking Skills	16	008512	13.779	2.458	0.751	1.227	86.118
Mathematics	COMPLETE SUBTEST	50	008544	36.878	9.037	0.909	2.726	73.756
	Numbers, Operations, and Quantitative Reasoning	10	008544	7.341	2.191	0.680	1.239	73.410
	Patterns, Relationships, and Algebraic Reasoning	10	008544	7.596	2.155	0.703	1.174	75.960
	Geometry and Spatial Reasoning	07	008544	5.333	1.447	0.517	1.006	76.185
	Concepts and Uses of Measurement	05	008544	3.004	1.427	0.558	0.949	60.080
	Probability and Statistics	08	008544	6.258	1.616	0.580	1.047	78.225
	Mathematical Processes and Tools	10	008544	7.346	2.149	0.684	1.208	73.460
Social Studies	COMPLETE SUBTEST	48	008519	36.613	7.922	0.892	2.603	76.277
	Issues and Events in U.S. History	13	008519	9.704	2.652	0.738	1.357	74.646
	Geographic Influences on History	06	008519	4.712	1.330	0.541	0.901	78.533
	Economic and Social Influences on History	09	008519	7.013	1.600	0.543	1.082	77.922
	Political Influences on History	12	008519	8.811	2.467	0.693	1.367	73.425
	Critical-Thinking Skills	08	008519	6.374	1.450	0.496	1.029	79.675

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2003) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	105116	36.068	8.718	0.908	2.644	75.141
	Basic Understanding	12	105116	9.335	2.325	0.700	1.273	77.791
	Applying Knowledge of Literary Elements	10	105116	7.350	2.184	0.669	1.257	73.500
	Using Strategies to Analyze	10	105116	7.427	2.134	0.670	1.226	74.270
	Applying Critical-Thinking Skills	16	105116	11.956	3.195	0.772	1.526	74.725
Mathematics	COMPLETE SUBTEST	50	105587	27.225	8.650	0.869	3.131	54.450
	Numbers, Operations, and Quantitative Reasoning	10	105587	5.282	2.310	0.613	1.437	52.820
	Patterns, Relationships, and Algebraic Reasoning	10	105587	5.493	2.264	0.636	1.366	54.930
	Geometry and Spatial Reasoning	07	105587	4.118	1.566	0.448	1.163	58.828
	Concepts and Uses of Measurement	05	105587	2.071	1.194	0.282	1.012	41.420
	Probability and Statistics	08	105587	4.752	1.728	0.471	1.257	59.400
	Mathematical Processes and Tools	10	105587	5.509	2.204	0.612	1.373	55.090
Social Studies	COMPLETE SUBTEST	48	106053	28.839	8.196	0.862	3.045	60.081
	Issues and Events in U.S. History	13	106053	7.344	2.744	0.664	1.591	56.492
	Geographic Influences on History	06	106053	3.712	1.499	0.488	1.073	61.866
	Economic and Social Influences on History	09	106053	5.640	1.837	0.533	1.255	62.666
	Political Influences on History	12	106053	6.873	2.481	0.591	1.587	57.275
	Critical-Thinking Skills	08	106053	5.270	1.647	0.452	1.219	65.875

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2003) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	000833	38.885	7.934	0.909	2.393	81.010
	Basic Understanding	12	000833	10.042	2.053	0.699	1.126	83.683
	Applying Knowledge of Literary Elements	10	000833	7.948	2.013	0.674	1.149	79.480
	Using Strategies to Analyze	10	000833	8.022	1.928	0.664	1.118	80.220
	Applying Critical-Thinking Skills	16	000833	12.873	2.937	0.777	1.387	80.456
Mathematics	COMPLETE SUBTEST	50	000835	30.263	8.916	0.882	3.063	60.526
	Numbers, Operations, and Quantitative Reasoning	10	000835	5.885	2.390	0.653	1.408	58.850
	Patterns, Relationships, and Algebraic Reasoning	10	000835	6.078	2.246	0.643	1.342	60.780
	Geometry and Spatial Reasoning	07	000835	4.544	1.552	0.464	1.136	64.914
	Concepts and Uses of Measurement	05	000835	2.267	1.253	0.339	1.019	45.340
	Probability and Statistics	08	000835	5.280	1.704	0.506	1.198	66.000
	Mathematical Processes and Tools	10	000835	6.210	2.229	0.637	1.343	62.100
Social Studies	COMPLETE SUBTEST	48	000852	32.398	7.835	0.863	2.900	67.495
	Issues and Events in U.S. History	13	000852	8.323	2.670	0.677	1.517	64.023
	Geographic Influences on History	06	000852	4.217	1.386	0.460	1.018	70.283
	Economic and Social Influences on History	09	000852	6.455	1.640	0.471	1.193	71.722
	Political Influences on History	12	000852	7.707	2.538	0.642	1.519	64.225
	Critical-Thinking Skills	08	000852	5.696	1.530	0.425	1.160	71.200

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only

Grade 08 TAKS (Spring 2003) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	122180	40.831	6.825	0.895	2.212	85.064
	Basic Understanding	12	122180	10.497	1.751	0.653	1.031	87.475
	Applying Knowledge of Literary Elements	10	122180	8.282	1.822	0.643	1.089	82.820
	Using Strategies to Analyze	10	122180	8.435	1.712	0.636	1.033	84.350
	Applying Critical-Thinking Skills	16	122180	13.617	2.530	0.753	1.257	85.106
Mathematics	COMPLETE SUBTEST	50	121845	33.146	8.786	0.887	2.953	66.292
	Numbers, Operations, and Quantitative Reasoning	10	121845	6.547	2.279	0.643	1.362	65.470
	Patterns, Relationships, and Algebraic Reasoning	10	121845	6.621	2.216	0.653	1.305	66.210
	Geometry and Spatial Reasoning	07	121845	4.887	1.506	0.476	1.090	69.814
	Concepts and Uses of Measurement	05	121845	2.463	1.319	0.419	1.005	49.260
	Probability and Statistics	08	121845	5.808	1.668	0.541	1.130	72.600
	Mathematical Processes and Tools	10	121845	6.820	2.122	0.634	1.284	68.200
Social Studies	COMPLETE SUBTEST	48	123163	34.405	8.030	0.881	2.770	71.677
	Issues and Events in U.S. History	13	123163	8.975	2.686	0.708	1.451	69.038
	Geographic Influences on History	06	123163	4.437	1.402	0.531	0.960	73.950
	Economic and Social Influences on History	09	123163	6.746	1.629	0.513	1.137	74.955
	Political Influences on History	12	123163	8.212	2.522	0.667	1.455	68.433
	Critical-Thinking Skills	08	123163	6.035	1.528	0.483	1.099	75.437

1 Total number of Score Points (May exceed the number of items for tests/objectives with short-answer and/or essay questions)

2 Stratified Alpha Reliability computed for tests/objectives involving short-answer and/or essay questions, KR-20 reliability computed for all others

3 Multiple-choice and gridded items only