Appendix C
2007 Mean P-Values by Objective and Subject Area; Internal Consistency Estimates

Grade 03 TAKS (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	292160	30.079	5.944	0.890	1.971	83.552
	Basic Understanding	15	292160	12.757	2.504	0.763	1.219	85.046
	Applying Knowledge of Literary Elements	07	292160	6.085	1.287	0.617	0.796	86.928
	Using Strategies to Analyze	06	292160	4.878	1.328	0.596	0.844	81.300
	Applying Critical-Thinking Skills	08	292160	6.360	1.717	0.650	1.016	79.500
Mathematics	COMPLETE SUBTEST	40	297734	31.973	6.356	0.876	2.238	79.932
	Numbers, Operations, and Quantitative Reasoning	10	297734	8.230	1.890	0.671	1.084	82.300
	Patterns, Relationships, and Algebraic Reasoning	06	297734	4.883	1.181	0.508	0.828	81.383
	Geometry and Spatial Reasoning	06	297734	5.116	1.085	0.466	0.793	85.266
	Concepts and Uses of Measurement	06	297734	4.795	1.141	0.441	0.853	79.916
	Probability and Statistics	04	297734	3.428	0.825	0.416	0.630	85.700
	Mathematical Processes and Tools	08	297734	5.520	1.972	0.654	1.160	69.000

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 03 TAKS (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	145222	30.447	5.715	0.886	1.930	84.575
	Basic Understanding	15	145222	12.901	2.430	0.760	1.190	86.006
	Applying Knowledge of Literary Elements	07	145222	6.152	1.221	0.595	0.777	87.885
	Using Strategies to Analyze	06	145222	4.972	1.274	0.585	0.821	82.866
	Applying Critical-Thinking Skills	08	145222	6.421	1.678	0.642	1.004	80.262
Mathematics	COMPLETE SUBTEST	40	147328	31.888	6.379	0.876	2.246	79.720
	Numbers, Operations, and Quantitative Reasoning	10	147328	8.198	1.888	0.665	1.093	81.980
	Patterns, Relationships, and Algebraic Reasoning	06	147328	4.845	1.182	0.502	0.834	80.750
	Geometry and Spatial Reasoning	06	147328	5.087	1.104	0.472	0.802	84.783
	Concepts and Uses of Measurement	06	147328	4.805	1.161	0.460	0.853	80.083
	Probability and Statistics	04	147328	3.432	0.816	0.407	0.628	85.800
	Mathematical Processes and Tools	08	147328	5.521	1.966	0.651	1.161	69.012

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 03 TAKS (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	146863	29.718	6.140	0.893	2.008	82.550
	Basic Understanding	15	146863	12.614	2.566	0.765	1.244	84.093
	Applying Knowledge of Literary Elements	07	146863	6.020	1.345	0.634	0.814	86.000
	Using Strategies to Analyze	06	146863	4.784	1.372	0.601	0.867	79.733
	Applying Critical-Thinking Skills	08	146863	6.300	1.752	0.657	1.026	78.750
Mathematics	COMPLETE SUBTEST	40	150278	32.059	6.332	0.876	2.230	80.147
	Numbers, Operations, and Quantitative Reasoning	10	150278	8.261	1.891	0.677	1.075	82.610
	Patterns, Relationships, and Algebraic Reasoning	06	150278	4.919	1.179	0.513	0.823	81.983
	Geometry and Spatial Reasoning	06	150278	5.146	1.066	0.457	0.786	85.766
	Concepts and Uses of Measurement	06	150278	4.786	1.122	0.424	0.852	79.766
	Probability and Statistics	04	150278	3.425	0.833	0.429	0.629	85.625
	Mathematical Processes and Tools	08	150278	5.521	1.978	0.657	1.158	69.012

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 03 TAKS (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	043934	28.181	6.706	0.895	2.173	78.280
	Basic Understanding	15	043934	12.037	2.843	0.776	1.346	80.246
	Applying Knowledge of Literary Elements	07	043934	5.771	1.470	0.636	0.887	82.442
	Using Strategies to Analyze	06	043934	4.492	1.485	0.602	0.937	74.866
	Applying Critical-Thinking Skills	08	043934	5.882	1.881	0.655	1.105	73.525
Mathematics	COMPLETE SUBTEST	40	044267	29.231	7.183	0.883	2.457	73.077
	Numbers, Operations, and Quantitative Reasoning	10	044267	7.519	2.161	0.687	1.209	75.190
	Patterns, Relationships, and Algebraic Reasoning	06	044267	4.515	1.324	0.526	0.912	75.250
	Geometry and Spatial Reasoning	06	044267	4.749	1.272	0.506	0.894	79.150
	Concepts and Uses of Measurement	06	044267	4.338	1.325	0.499	0.938	72.300
	Probability and Statistics	04	044267	3.213	0.943	0.445	0.703	80.325
	Mathematical Processes and Tools	08	044267	4.897	2.031	0.631	1.234	61.212

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 03 TAKS (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	010830	32.250	4.449	0.860	1.665	89.583
	Basic Understanding	15	010830	13.652	1.838	0.699	1.008	91.013
	Applying Knowledge of Literary Elements	07	010830	6.377	1.024	0.546	0.690	91.100
	Using Strategies to Analyze	06	010830	5.283	1.048	0.534	0.715	88.050
	Applying Critical-Thinking Skills	08	010830	6.938	1.363	0.586	0.877	86.725
Mathematics	COMPLETE SUBTEST	40	010941	35.459	4.525	0.835	1.838	88.647
	Numbers, Operations, and Quantitative Reasoning	10	010941	9.052	1.314	0.568	0.864	90.520
	Patterns, Relationships, and Algebraic Reasoning	06	010941	5.403	0.862	0.409	0.663	90.050
	Geometry and Spatial Reasoning	06	010941	5.511	0.788	0.360	0.630	91.850
	Concepts and Uses of Measurement	06	010941	5.269	0.902	0.333	0.737	87.816
	Probability and Statistics	04	010941	3.687	0.592	0.263	0.508	92.175
	Mathematical Processes and Tools	08	010941	6.536	1.622	0.634	0.981	81.700

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 03 TAKS (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	125324	28.918	6.302	0.888	2.109	80.327
	Basic Understanding	15	125324	12.323	2.688	0.764	1.306	82.153
	Applying Knowledge of Literary Elements	07	125324	5.910	1.381	0.618	0.854	84.428
	Using Strategies to Analyze	06	125324	4.671	1.405	0.588	0.902	77.850
	Applying Critical-Thinking Skills	08	125324	6.013	1.796	0.631	1.091	75.162
Mathematics	COMPLETE SUBTEST	40	129041	31.020	6.445	0.870	2.324	77.550
	Numbers, Operations, and Quantitative Reasoning	10	129041	7.992	1.951	0.660	1.138	79.920
	Patterns, Relationships, and Algebraic Reasoning	06	129041	4.782	1.204	0.499	0.852	79.700
	Geometry and Spatial Reasoning	06	129041	5.032	1.121	0.462	0.822	83.866
	Concepts and Uses of Measurement	06	129041	4.722	1.144	0.430	0.864	78.700
	Probability and Statistics	04	129041	3.328	0.880	0.425	0.667	83.200
	Mathematical Processes and Tools	08	129041	5.163	1.979	0.626	1.210	64.537

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 03 TAKS (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	001077	30.736	5.395	0.877	1.892	85.377
	Basic Understanding	15	001077	13.024	2.305	0.747	1.159	86.826
	Applying Knowledge of Literary Elements	07	001077	6.184	1.207	0.602	0.761	88.342
	Using Strategies to Analyze	06	001077	5.007	1.178	0.514	0.821	83.450
	Applying Critical-Thinking Skills	08	001077	6.521	1.620	0.631	0.984	81.512
Mathematics	COMPLETE SUBTEST	40	001112	32.349	6.025	0.865	2.214	80.872
	Numbers, Operations, and Quantitative Reasoning	10	001112	8.324	1.831	0.659	1.069	83.240
	Patterns, Relationships, and Algebraic Reasoning	06	001112	4.918	1.163	0.507	0.817	81.966
	Geometry and Spatial Reasoning	06	001112	5.138	1.032	0.409	0.793	85.633
	Concepts and Uses of Measurement	06	001112	4.852	1.062	0.354	0.854	80.866
	Probability and Statistics	04	001112	3.447	0.815	0.415	0.623	86.175
	Mathematical Processes and Tools	08	001112	5.671	1.882	0.630	1.145	70.887

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 03 TAKS (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	110852	31.931	4.610	0.861	1.719	88.697
	Basic Understanding	15	110852	13.443	1.944	0.698	1.068	89.620
	Applying Knowledge of Literary Elements	07	110852	6.379	1.030	0.552	0.689	91.128
	Using Strategies to Analyze	06	110852	5.224	1.082	0.528	0.743	87.066
	Applying Critical-Thinking Skills	08	110852	6.885	1.405	0.600	0.889	86.062
Mathematics	COMPLETE SUBTEST	40	112140	33.815	5.292	0.848	2.063	84.537
	Numbers, Operations, and Quantitative Reasoning	10	112140	8.705	1.578	0.617	0.977	87.050
	Patterns, Relationships, and Algebraic Reasoning	06	112140	5.093	1.057	0.460	0.777	84.883
	Geometry and Spatial Reasoning	06	112140	5.320	0.922	0.381	0.725	88.666
	Concepts and Uses of Measurement	06	112140	5.014	1.004	0.349	0.810	83.566
	Probability and Statistics	04	112140	3.604	0.673	0.318	0.556	90.100
	Mathematical Processes and Tools	08	112140	6.079	1.783	0.632	1.082	75.987

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 04 TAKS (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	293653	32.369	6.157	0.871	2.211	80.922
	Basic Understanding	15	293653	12.668	2.420	0.728	1.262	84.453
	Applying Knowledge of Literary Elements	08	293653	6.576	1.399	0.532	0.957	82.200
	Using Strategies to Analyze	07	293653	5.615	1.412	0.575	0.921	80.214
	Applying Critical-Thinking Skills	10	293653	7.510	1.988	0.609	1.243	75.100
Mathematics	COMPLETE SUBTEST	42	298431	34.525	6.538	0.884	2.227	82.202
	Numbers, Operations, and Quantitative Reasoning	11	298431	9.419	1.847	0.680	1.045	85.627
	Patterns, Relationships, and Algebraic Reasoning	07	298431	5.943	1.357	0.610	0.847	84.900
	Geometry and Spatial Reasoning	06	298431	4.974	1.174	0.472	0.853	82.900
	Concepts and Uses of Measurement	06	298431	4.843	1.268	0.513	0.885	80.716
	Probability and Statistics	04	298431	3.089	0.959	0.481	0.691	77.225
	Mathematical Processes and Tools	08	298431	6.257	1.760	0.649	1.043	78.212
Writing	COMPLETE SUBTEST	32	285605	27.349	3.762	0.834	1.533	89.464
	Appropriate Organization of Ideas	04	285605	3.578	0.754	0.476	0.546	89.450
	Correct and Effective Sentence Construction	08	285605	6.814	1.558	0.674	0.890	85.175
	Standard Usage and Appropriate Word Choice	08	285605	7.466	0.998	0.578	0.648	93.325
	Proofreading for Punctuation, Capitalization, and Spelling	08	285605	7.193	1.080	0.496	0.767	89.912

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 04 TAKS (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	146975	32.670	5.983	0.867	2.182	81.675
	Basic Understanding	15	146975	12.752	2.345	0.717	1.247	85.013
	Applying Knowledge of Literary Elements	08	146975	6.649	1.361	0.524	0.939	83.112
	Using Strategies to Analyze	07	146975	5.649	1.382	0.565	0.911	80.700
	Applying Critical-Thinking Skills	10	146975	7.620	1.951	0.607	1.223	76.200
Mathematics	COMPLETE SUBTEST	42	148545	34.206	6.612	0.883	2.262	81.442
	Numbers, Operations, and Quantitative Reasoning	11	148545	9.383	1.860	0.679	1.054	85.300
	Patterns, Relationships, and Algebraic Reasoning	07	148545	5.912	1.370	0.608	0.858	84.457
	Geometry and Spatial Reasoning	06	148545	4.954	1.174	0.464	0.860	82.566
	Concepts and Uses of Measurement	06	148545	4.763	1.301	0.513	0.908	79.383
	Probability and Statistics	04	148545	3.031	0.970	0.476	0.702	75.775
	Mathematical Processes and Tools	08	148545	6.163	1.796	0.652	1.059	77.037
Writing	COMPLETE SUBTEST	32	143533	27.732	3.472	0.817	1.485	90.507
	Appropriate Organization of Ideas	04	143533	3.615	0.716	0.457	0.528	90.375
	Correct and Effective Sentence Construction	08	143533	6.929	1.446	0.645	0.862	86.612
	Standard Usage and Appropriate Word Choice	08	143533	7.511	0.939	0.555	0.626	93.887
	Proofreading for Punctuation, Capitalization, and Spelling	08	143533	7.286	0.994	0.453	0.735	91.075

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 04 TAKS (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	146444	32.073	6.309	0.874	2.239	80.182
	Basic Understanding	15	146444	12.586	2.489	0.738	1.274	83.906
	Applying Knowledge of Literary Elements	08	146444	6.505	1.431	0.539	0.972	81.312
	Using Strategies to Analyze	07	146444	5.581	1.439	0.583	0.929	79.728
	Applying Critical-Thinking Skills	10	146444	7.401	2.017	0.609	1.261	74.010
Mathematics	COMPLETE SUBTEST	42	149633	34.849	6.442	0.884	2.194	82.973
	Numbers, Operations, and Quantitative Reasoning	11	149633	9.457	1.831	0.681	1.034	85.972
	Patterns, Relationships, and Algebraic Reasoning	07	149633	5.974	1.342	0.612	0.836	85.342
	Geometry and Spatial Reasoning	06	149633	4.994	1.173	0.483	0.843	83.233
	Concepts and Uses of Measurement	06	149633	4.925	1.228	0.510	0.860	82.083
	Probability and Statistics	04	149633	3.147	0.944	0.486	0.677	78.675
	Mathematical Processes and Tools	08	149633	6.352	1.718	0.646	1.022	79.400
Writing	COMPLETE SUBTEST	32	141978	26.964	3.996	0.843	1.583	88.417
	Appropriate Organization of Ideas	04	141978	3.540	0.789	0.487	0.565	88.500
	Correct and Effective Sentence Construction	08	141978	6.697	1.655	0.693	0.917	83.712
	Standard Usage and Appropriate Word Choice	08	141978	7.421	1.053	0.594	0.671	92.762
	Proofreading for Punctuation, Capitalization, and Spelling	08	141978	7.099	1.154	0.520	0.800	88.737

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 04 TAKS (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	042203	30.495	6.799	0.877	2.385	76.237
	Basic Understanding	15	042203	11.988	2.732	0.743	1.385	79.920
	Applying Knowledge of Literary Elements	08	042203	6.278	1.543	0.555	1.029	78.475
	Using Strategies to Analyze	07	042203	5.236	1.526	0.573	0.997	74.800
	Applying Critical-Thinking Skills	10	042203	6.993	2.129	0.619	1.314	69.930
Mathematics	COMPLETE SUBTEST	42	042479	31.788	7.439	0.890	2.467	75.685
	Numbers, Operations, and Quantitative Reasoning	11	042479	8.792	2.169	0.709	1.170	79.927
	Patterns, Relationships, and Algebraic Reasoning	07	042479	5.616	1.555	0.647	0.924	80.228
	Geometry and Spatial Reasoning	06	042479	4.571	1.335	0.481	0.962	76.183
	Concepts and Uses of Measurement	06	042479	4.372	1.427	0.518	0.991	72.866
	Probability and Statistics	04	042479	2.789	1.035	0.494	0.736	69.725
	Mathematical Processes and Tools	08	042479	5.647	1.911	0.638	1.150	70.587
Writing	COMPLETE SUBTEST	32	041516	26.350	4.254	0.843	1.686	86.389
	Appropriate Organization of Ideas	04	041516	3.401	0.889	0.502	0.627	85.025
	Correct and Effective Sentence Construction	08	041516	6.509	1.750	0.696	0.965	81.362
	Standard Usage and Appropriate Word Choice	08	041516	7.259	1.177	0.600	0.744	90.737
	Proofreading for Punctuation, Capitalization, and Spelling	08	041516	7.020	1.192	0.518	0.828	87.750

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 04 TAKS (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	010867	35.004	4.757	0.841	1.897	87.510
	Basic Understanding	15	010867	13.617	1.787	0.667	1.031	90.780
	Applying Knowledge of Literary Elements	08	010867	7.011	1.164	0.480	0.839	87.637
	Using Strategies to Analyze	07	010867	6.158	1.111	0.516	0.773	87.971
	Applying Critical-Thinking Skills	10	010867	8.218	1.686	0.565	1.112	82.180
Mathematics	COMPLETE SUBTEST	42	010960	38.045	4.556	0.854	1.741	90.583
	Numbers, Operations, and Quantitative Reasoning	11	010960	10.248	1.229	0.601	0.776	93.163
	Patterns, Relationships, and Algebraic Reasoning	07	010960	6.504	0.887	0.503	0.625	92.914
	Geometry and Spatial Reasoning	06	010960	5.427	0.900	0.439	0.674	90.450
	Concepts and Uses of Measurement	06	010960	5.289	1.004	0.463	0.736	88.150
	Probability and Statistics	04	010960	3.474	0.751	0.383	0.590	86.850
	Mathematical Processes and Tools	08	010960	7.104	1.309	0.621	0.806	88.800
Writing	COMPLETE SUBTEST	32	010679	28.961	2.692	0.791	1.231	94.217
	Appropriate Organization of Ideas	04	010679	3.760	0.551	0.373	0.436	94.000
	Correct and Effective Sentence Construction	08	010679	7.322	1.151	0.617	0.712	91.525
	Standard Usage and Appropriate Word Choice	08	010679	7.728	0.688	0.510	0.482	96.600
	Proofreading for Punctuation, Capitalization, and Spelling	08	010679	7.572	0.735	0.353	0.591	94.650

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 04 TAKS (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	128527	31.147	6.344	0.865	2.331	77.867
	Basic Understanding	15	128527	12.262	2.536	0.718	1.347	81.746
	Applying Knowledge of Literary Elements	08	128527	6.320	1.457	0.516	1.014	79.000
	Using Strategies to Analyze	07	128527	5.392	1.468	0.562	0.972	77.028
	Applying Critical-Thinking Skills	10	128527	7.173	2.028	0.593	1.294	71.730
Mathematics	COMPLETE SUBTEST	42	132147	33.530	6.704	0.879	2.332	79.833
	Numbers, Operations, and Quantitative Reasoning	11	132147	9.265	1.910	0.679	1.082	84.227
	Patterns, Relationships, and Algebraic Reasoning	07	132147	5.824	1.417	0.613	0.882	83.200
	Geometry and Spatial Reasoning	06	132147	4.877	1.201	0.455	0.887	81.283
	Concepts and Uses of Measurement	06	132147	4.695	1.316	0.503	0.928	78.250
	Probability and Statistics	04	132147	2.929	0.998	0.479	0.720	73.225
	Mathematical Processes and Tools	08	132147	5.940	1.816	0.627	1.109	74.250
Writing	COMPLETE SUBTEST	32	125582	26.777	3.913	0.827	1.628	87.696
	Appropriate Organization of Ideas	04	125582	3.472	0.817	0.457	0.602	86.800
	Correct and Effective Sentence Construction	08	125582	6.636	1.641	0.670	0.943	82.950
	Standard Usage and Appropriate Word Choice	08	125582	7.367	1.069	0.569	0.702	92.087
	Proofreading for Punctuation, Capitalization, and Spelling	08	125582	7.080	1.139	0.497	0.808	88.500

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 04 TAKS (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	001067	32.726	5.923	0.865	2.176	81.815
	Basic Understanding	15	001067	12.774	2.363	0.727	1.235	85.160
	Applying Knowledge of Literary Elements	08	001067	6.686	1.329	0.504	0.936	83.575
	Using Strategies to Analyze	07	001067	5.692	1.366	0.561	0.905	81.314
	Applying Critical-Thinking Skills	10	001067	7.575	1.927	0.585	1.241	75.750
Mathematics	COMPLETE SUBTEST	42	001088	34.559	6.457	0.880	2.237	82.283
	Numbers, Operations, and Quantitative Reasoning	11	001088	9.347	1.886	0.681	1.065	84.972
	Patterns, Relationships, and Algebraic Reasoning	07	001088	5.869	1.439	0.640	0.863	83.842
	Geometry and Spatial Reasoning	06	001088	5.018	1.111	0.418	0.848	83.633
	Concepts and Uses of Measurement	06	001088	4.866	1.203	0.454	0.889	81.100
	Probability and Statistics	04	001088	3.102	0.944	0.460	0.694	77.550
	Mathematical Processes and Tools	08	001088	6.357	1.700	0.635	1.027	79.462
Writing	COMPLETE SUBTEST	32	001037	27.467	3.456	0.807	1.518	89.978
	Appropriate Organization of Ideas	04	001037	3.627	0.699	0.434	0.526	90.675
	Correct and Effective Sentence Construction	08	001037	6.878	1.497	0.656	0.878	85.975
	Standard Usage and Appropriate Word Choice	08	001037	7.520	0.909	0.528	0.625	94.000
	Proofreading for Punctuation, Capitalization, and Spelling	08	001037	7.169	1.037	0.419	0.790	89.612

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 04 TAKS (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	110683	34.251	5.114	0.846	2.007	85.627
	Basic Understanding	15	110683	13.309	1.990	0.684	1.119	88.726
	Applying Knowledge of Literary Elements	08	110683	6.946	1.180	0.473	0.857	86.825
	Using Strategies to Analyze	07	110683	5.966	1.219	0.535	0.831	85.228
	Applying Critical-Thinking Skills	10	110683	8.031	1.759	0.567	1.157	80.310
Mathematics	COMPLETE SUBTEST	42	111427	36.414	5.344	0.857	2.021	86.700
	Numbers, Operations, and Quantitative Reasoning	11	111427	9.763	1.564	0.621	0.963	88.754
	Patterns, Relationships, and Algebraic Reasoning	07	111427	6.157	1.176	0.553	0.786	87.957
	Geometry and Spatial Reasoning	06	111427	5.198	1.029	0.431	0.776	86.633
	Concepts and Uses of Measurement	06	111427	5.157	1.061	0.438	0.795	85.950
	Probability and Statistics	04	111427	3.356	0.809	0.389	0.632	83.900
	Mathematical Processes and Tools	08	111427	6.783	1.474	0.606	0.925	84.787
Writing	COMPLETE SUBTEST	32	106645	28.253	3.178	0.814	1.371	92.275
	Appropriate Organization of Ideas	04	106645	3.753	0.577	0.425	0.438	93.825
	Correct and Effective Sentence Construction	08	106645	7.091	1.342	0.637	0.809	88.637
	Standard Usage and Appropriate Word Choice	08	106645	7.637	0.812	0.549	0.545	95.462
	Proofreading for Punctuation, Capitalization, and Spelling	08	106645	7.356	0.954	0.458	0.702	91.950

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 05 TAKS (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	294885	33.783	6.283	0.862	2.334	80.435
	Basic Understanding	13	294885	10.497	2.157	0.642	1.291	80.746
	Applying Knowledge of Literary Elements	08	294885	6.938	1.305	0.571	0.855	86.725
	Using Strategies to Analyze	08	294885	6.526	1.530	0.572	1.001	81.575
	Applying Critical-Thinking Skills	13	294885	9.822	2.413	0.648	1.432	75.553
Mathematics	COMPLETE SUBTEST	44	299380	36.213	6.667	0.885	2.261	82.302
	Numbers, Operations, and Quantitative Reasoning	11	299380	9.432	1.871	0.686	1.048	85.745
	Patterns, Relationships, and Algebraic Reasoning	07	299380	5.425	1.502	0.574	0.980	77.500
	Geometry and Spatial Reasoning	07	299380	6.114	1.118	0.468	0.815	87.342
	Concepts and Uses of Measurement	07	299380	5.584	1.486	0.612	0.926	79.771
	Probability and Statistics	04	299380	3.281	0.887	0.383	0.697	82.025
	Mathematical Processes and Tools	08	299380	6.377	1.581	0.603	0.996	79.712
Science	COMPLETE SUBTEST	40	296436	32.901	5.664	0.850	2.194	82.252
	Nature of Science	13	296436	11.082	1.952	0.637	1.176	85.246
	Life Sciences	09	296436	7.609	1.578	0.620	0.973	84.544
	Physical Sciences	09	296436	7.643	1.443	0.543	0.975	84.922
	Earth Sciences	09	296436	6.567	1.907	0.592	1.218	72.966

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 05 TAKS (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	148357	34.085	6.081	0.856	2.308	81.154
	Basic Understanding	13	148357	10.617	2.091	0.632	1.268	81.669
	Applying Knowledge of Literary Elements	08	148357	7.009	1.248	0.555	0.833	87.612
	Using Strategies to Analyze	08	148357	6.544	1.508	0.564	0.996	81.800
	Applying Critical-Thinking Skills	13	148357	9.916	2.359	0.637	1.421	76.276
Mathematics	COMPLETE SUBTEST	44	149889	36.033	6.678	0.884	2.274	81.893
	Numbers, Operations, and Quantitative Reasoning	11	149889	9.414	1.883	0.689	1.050	85.581
	Patterns, Relationships, and Algebraic Reasoning	07	149889	5.354	1.504	0.563	0.994	76.485
	Geometry and Spatial Reasoning	07	149889	6.116	1.100	0.450	0.816	87.371
	Concepts and Uses of Measurement	07	149889	5.503	1.528	0.620	0.942	78.614
	Probability and Statistics	04	149889	3.292	0.870	0.365	0.693	82.300
	Mathematical Processes and Tools	08	149889	6.354	1.592	0.605	1.001	79.425
Science	COMPLETE SUBTEST	40	149074	32.357	5.744	0.847	2.247	80.892
	Nature of Science	13	149074	10.976	1.993	0.637	1.201	84.430
	Life Sciences	09	149074	7.539	1.606	0.618	0.993	83.766
	Physical Sciences	09	149074	7.513	1.474	0.534	1.006	83.477
	Earth Sciences	09	149074	6.330	1.929	0.579	1.252	70.333

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 05 TAKS (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	146417	33.479	6.465	0.867	2.358	79.711
	Basic Understanding	13	146417	10.376	2.216	0.649	1.313	79.815
	Applying Knowledge of Literary Elements	08	146417	6.867	1.355	0.582	0.876	85.837
	Using Strategies to Analyze	08	146417	6.509	1.551	0.582	1.003	81.362
	Applying Critical-Thinking Skills	13	146417	9.728	2.463	0.658	1.440	74.830
Mathematics	COMPLETE SUBTEST	44	149329	36.398	6.648	0.886	2.245	82.722
	Numbers, Operations, and Quantitative Reasoning	11	149329	9.451	1.856	0.684	1.043	85.918
	Patterns, Relationships, and Algebraic Reasoning	07	149329	5.497	1.497	0.584	0.966	78.528
	Geometry and Spatial Reasoning	07	149329	6.114	1.134	0.488	0.811	87.342
	Concepts and Uses of Measurement	07	149329	5.666	1.438	0.601	0.908	80.942
	Probability and Statistics	04	149329	3.269	0.903	0.399	0.700	81.725
	Mathematical Processes and Tools	08	149329	6.401	1.569	0.600	0.992	80.012
Science	COMPLETE SUBTEST	40	147167	33.457	5.524	0.851	2.132	83.642
	Nature of Science	13	147167	11.191	1.902	0.634	1.151	86.084
	Life Sciences	09	147167	7.682	1.544	0.620	0.952	85.355
	Physical Sciences	09	147167	7.776	1.396	0.548	0.939	86.400
	Earth Sciences	09	147167	6.808	1.852	0.595	1.179	75.644

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 05 TAKS (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	041113	32.240	6.738	0.865	2.476	76.761
	Basic Understanding	13	041113	10.086	2.284	0.639	1.372	77.584
	Applying Knowledge of Literary Elements	08	041113	6.686	1.431	0.578	0.930	83.575
	Using Strategies to Analyze	08	041113	6.193	1.656	0.577	1.077	77.412
	Applying Critical-Thinking Skills	13	041113	9.275	2.549	0.656	1.495	71.346
Mathematics	COMPLETE SUBTEST	44	041321	33.377	7.516	0.889	2.504	75.856
	Numbers, Operations, and Quantitative Reasoning	11	041321	8.837	2.173	0.705	1.180	80.336
	Patterns, Relationships, and Algebraic Reasoning	07	041321	4.983	1.591	0.561	1.054	71.185
	Geometry and Spatial Reasoning	07	041321	5.733	1.297	0.479	0.936	81.900
	Concepts and Uses of Measurement	07	041321	4.991	1.691	0.633	1.024	71.300
	Probability and Statistics	04	041321	2.992	1.000	0.390	0.781	74.800
	Mathematical Processes and Tools	08	041321	5.840	1.739	0.615	1.079	73.000
Science	COMPLETE SUBTEST	40	040913	30.652	6.164	0.846	2.419	76.630
	Nature of Science	13	040913	10.351	2.211	0.636	1.334	79.623
	Life Sciences	09	040913	7.220	1.744	0.616	1.081	80.222
	Physical Sciences	09	040913	7.195	1.597	0.542	1.081	79.944
	Earth Sciences	09	040913	5.885	1.985	0.570	1.302	65.388

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 05 TAKS (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	010589	36.505	4.987	0.838	2.007	86.916
	Basic Understanding	13	010589	11.339	1.796	0.625	1.100	87.223
	Applying Knowledge of Literary Elements	08	010589	7.365	1.012	0.524	0.698	92.062
	Using Strategies to Analyze	08	010589	7.117	1.192	0.525	0.822	88.962
	Applying Critical-Thinking Skills	13	010589	10.685	1.996	0.584	1.287	82.192
Mathematics	COMPLETE SUBTEST	44	010719	40.149	4.568	0.859	1.715	91.247
	Numbers, Operations, and Quantitative Reasoning	11	010719	10.302	1.215	0.624	0.745	93.654
	Patterns, Relationships, and Algebraic Reasoning	07	010719	6.211	1.108	0.531	0.759	88.728
	Geometry and Spatial Reasoning	07	010719	6.535	0.823	0.434	0.619	93.357
	Concepts and Uses of Measurement	07	010719	6.335	1.016	0.519	0.705	90.500
	Probability and Statistics	04	010719	3.642	0.648	0.317	0.536	91.050
	Mathematical Processes and Tools	08	010719	7.122	1.182	0.544	0.798	89.025
Science	COMPLETE SUBTEST	40	010606	35.409	4.324	0.816	1.855	88.522
	Nature of Science	13	010606	11.824	1.471	0.567	0.968	90.953
	Life Sciences	09	010606	8.104	1.241	0.558	0.825	90.044
	Physical Sciences	09	010606	8.192	1.106	0.487	0.792	91.022
	Earth Sciences	09	010606	7.290	1.591	0.535	1.085	81.000

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 05 TAKS (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	132006	32.326	6.617	0.860	2.476	76.966
	Basic Understanding	13	132006	10.036	2.271	0.632	1.378	77.200
	Applying Knowledge of Literary Elements	08	132006	6.710	1.406	0.573	0.919	83.875
	Using Strategies to Analyze	08	132006	6.244	1.612	0.560	1.069	78.050
	Applying Critical-Thinking Skills	13	132006	9.336	2.532	0.650	1.498	71.815
Mathematics	COMPLETE SUBTEST	44	135239	35.206	6.933	0.884	2.361	80.013
	Numbers, Operations, and Quantitative Reasoning	11	135239	9.198	1.983	0.688	1.108	83.618
	Patterns, Relationships, and Algebraic Reasoning	07	135239	5.232	1.551	0.569	1.018	74.742
	Geometry and Spatial Reasoning	07	135239	6.025	1.152	0.458	0.848	86.071
	Concepts and Uses of Measurement	07	135239	5.409	1.544	0.611	0.963	77.271
	Probability and Statistics	04	135239	3.189	0.911	0.363	0.727	79.725
	Mathematical Processes and Tools	08	135239	6.153	1.672	0.609	1.046	76.912
Science	COMPLETE SUBTEST	40	134288	31.667	5.926	0.846	2.326	79.167
	Nature of Science	13	134288	10.710	2.064	0.626	1.262	82.384
	Life Sciences	09	134288	7.292	1.697	0.618	1.049	81.022
	Physical Sciences	09	134288	7.425	1.524	0.542	1.031	82.500
	Earth Sciences	09	134288	6.240	1.949	0.576	1.269	69.333

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 05 TAKS (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	001020	34.236	6.038	0.856	2.291	81.514
	Basic Understanding	13	001020	10.633	2.084	0.634	1.261	81.792
	Applying Knowledge of Literary Elements	08	001020	7.002	1.267	0.558	0.842	87.525
	Using Strategies to Analyze	08	001020	6.613	1.503	0.578	0.976	82.662
	Applying Critical-Thinking Skills	13	001020	9.988	2.328	0.632	1.412	76.830
Mathematics	COMPLETE SUBTEST	44	001042	36.441	6.587	0.885	2.234	82.820
	Numbers, Operations, and Quantitative Reasoning	11	001042	9.435	1.871	0.687	1.047	85.772
	Patterns, Relationships, and Algebraic Reasoning	07	001042	5.437	1.501	0.569	0.985	77.671
	Geometry and Spatial Reasoning	07	001042	6.156	1.126	0.507	0.791	87.942
	Concepts and Uses of Measurement	07	001042	5.619	1.443	0.589	0.925	80.271
	Probability and Statistics	04	001042	3.287	0.896	0.407	0.690	82.175
	Mathematical Processes and Tools	08	001042	6.508	1.491	0.582	0.964	81.350
Science	COMPLETE SUBTEST	40	001020	33.479	5.264	0.836	2.132	83.697
	Nature of Science	13	001020	11.195	1.867	0.621	1.149	86.115
	Life Sciences	09	001020	7.774	1.473	0.602	0.929	86.377
	Physical Sciences	09	001020	7.773	1.352	0.506	0.950	86.366
	Earth Sciences	09	001020	6.738	1.812	0.565	1.195	74.866

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 05 TAKS (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	110011	35.847	5.007	0.822	2.112	85.350
	Basic Understanding	13	110011	11.123	1.788	0.578	1.162	85.561
	Applying Knowledge of Literary Elements	08	110011	7.264	1.047	0.490	0.748	90.800
	Using Strategies to Analyze	08	110011	6.933	1.277	0.514	0.890	86.662
	Applying Critical-Thinking Skills	13	110011	10.527	2.019	0.567	1.329	80.976
Mathematics	COMPLETE SUBTEST	44	110860	38.124	5.326	0.850	2.063	86.645
	Numbers, Operations, and Quantitative Reasoning	11	110860	9.856	1.499	0.609	0.937	89.600
	Patterns, Relationships, and Algebraic Reasoning	07	110860	5.751	1.336	0.528	0.918	82.157
	Geometry and Spatial Reasoning	07	110860	6.325	0.958	0.413	0.734	90.357
	Concepts and Uses of Measurement	07	110860	5.947	1.228	0.523	0.848	84.957
	Probability and Statistics	04	110860	3.466	0.773	0.337	0.629	86.650
	Mathematical Processes and Tools	08	110860	6.779	1.290	0.499	0.913	84.737
Science	COMPLETE SUBTEST	40	109346	35.018	4.306	0.798	1.935	87.545
	Nature of Science	13	109346	11.740	1.466	0.531	1.004	90.307
	Life Sciences	09	109346	8.096	1.205	0.527	0.829	89.955
	Physical Sciences	09	109346	8.027	1.174	0.455	0.867	89.188
	Earth Sciences	09	109346	7.154	1.650	0.537	1.123	79.488

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 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	297626	35.180	5.741	0.861	2.140	83.761
	Basic Understanding	13	297626	11.293	1.850	0.647	1.099	86.869
	Applying Knowledge of Literary Elements	08	297626	7.009	1.247	0.533	0.852	87.612
	Using Strategies to Analyze	08	297626	6.374	1.435	0.488	1.027	79.675
	Applying Critical-Thinking Skills	13	297626	10.503	2.303	0.701	1.259	80.792
Mathematics	COMPLETE SUBTEST	46	299437	35.278	8.264	0.907	2.520	76.691
	Numbers, Operations, and Quantitative Reasoning	10	299437	7.603	2.204	0.711	1.185	76.030
	Patterns, Relationships, and Algebraic Reasoning	09	299437	6.582	2.113	0.708	1.142	73.133
	Geometry and Spatial Reasoning	07	299437	5.773	1.401	0.586	0.901	82.471
	Concepts and Uses of Measurement	05	299437	3.595	1.269	0.502	0.896	71.900
	Probability and Statistics	06	299437	4.777	1.189	0.448	0.883	79.616
	Mathematical Processes and Tools	09	299437	6.947	1.935	0.678	1.098	77.188

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 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	149195	35.855	5.202	0.842	2.068	85.369
	Basic Understanding	13	149195	11.451	1.719	0.620	1.060	88.084
	Applying Knowledge of Literary Elements	08	149195	7.146	1.125	0.480	0.811	89.325
	Using Strategies to Analyze	08	149195	6.500	1.351	0.452	1.000	81.250
	Applying Critical-Thinking Skills	13	149195	10.758	2.118	0.671	1.215	82.753
Mathematics	COMPLETE SUBTEST	46	149359	35.388	8.166	0.905	2.517	76.930
	Numbers, Operations, and Quantitative Reasoning	10	149359	7.625	2.188	0.706	1.186	76.250
	Patterns, Relationships, and Algebraic Reasoning	09	149359	6.689	2.076	0.705	1.128	74.322
	Geometry and Spatial Reasoning	07	149359	5.794	1.384	0.577	0.900	82.771
	Concepts and Uses of Measurement	05	149359	3.529	1.281	0.499	0.907	70.580
	Probability and Statistics	06	149359	4.841	1.166	0.442	0.871	80.683
	Mathematical Processes and Tools	09	149359	6.909	1.931	0.675	1.101	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 06 TAKS (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	148274	34.504	6.159	0.871	2.212	82.152
	Basic Understanding	13	148274	11.135	1.960	0.664	1.136	85.653
	Applying Knowledge of Literary Elements	08	148274	6.872	1.346	0.560	0.893	85.900
	Using Strategies to Analyze	08	148274	6.249	1.504	0.513	1.050	78.112
	Applying Critical-Thinking Skills	13	148274	10.248	2.449	0.718	1.301	78.830
Mathematics	COMPLETE SUBTEST	46	149927	35.174	8.356	0.909	2.521	76.465
	Numbers, Operations, and Quantitative Reasoning	10	149927	7.582	2.219	0.716	1.183	75.820
	Patterns, Relationships, and Algebraic Reasoning	09	149927	6.476	2.143	0.711	1.152	71.955
	Geometry and Spatial Reasoning	07	149927	5.754	1.417	0.595	0.902	82.200
	Concepts and Uses of Measurement	05	149927	3.661	1.253	0.502	0.884	73.220
	Probability and Statistics	06	149927	4.715	1.208	0.452	0.894	78.583
	Mathematical Processes and Tools	09	149927	6.986	1.938	0.683	1.091	77.622

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 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	041367	33.865	6.155	0.863	2.278	80.630
	Basic Understanding	13	041367	10.989	1.970	0.646	1.172	84.530
	Applying Knowledge of Literary Elements	08	041367	6.811	1.368	0.557	0.911	85.137
	Using Strategies to Analyze	08	041367	6.053	1.523	0.496	1.081	75.662
	Applying Critical-Thinking Skills	13	041367	10.012	2.449	0.696	1.350	77.015
Mathematics	COMPLETE SUBTEST	46	041506	31.860	8.816	0.903	2.746	69.260
	Numbers, Operations, and Quantitative Reasoning	10	041506	6.860	2.365	0.702	1.291	68.600
	Patterns, Relationships, and Algebraic Reasoning	09	041506	5.944	2.240	0.699	1.229	66.044
	Geometry and Spatial Reasoning	07	041506	5.280	1.608	0.597	1.021	75.428
	Concepts and Uses of Measurement	05	041506	3.071	1.336	0.476	0.967	61.420
	Probability and Statistics	06	041506	4.482	1.268	0.441	0.948	74.700
	Mathematical Processes and Tools	09	041506	6.222	2.077	0.670	1.193	69.133

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 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	010172	37.738	4.267	0.823	1.795	89.852
	Basic Understanding	13	010172	11.998	1.393	0.594	0.888	92.292
	Applying Knowledge of Literary Elements	08	010172	7.355	0.931	0.390	0.727	91.937
	Using Strategies to Analyze	08	010172	6.987	1.152	0.438	0.864	87.337
	Applying Critical-Thinking Skills	13	010172	11.398	1.801	0.644	1.075	87.676
Mathematics	COMPLETE SUBTEST	46	010230	40.670	6.009	0.894	1.956	88.413
	Numbers, Operations, and Quantitative Reasoning	10	010230	8.869	1.589	0.678	0.902	88.690
	Patterns, Relationships, and Algebraic Reasoning	09	010230	7.846	1.561	0.686	0.875	87.177
	Geometry and Spatial Reasoning	07	010230	6.403	0.961	0.499	0.680	91.471
	Concepts and Uses of Measurement	05	010230	4.202	1.031	0.483	0.741	84.040
	Probability and Statistics	06	010230	5.376	0.894	0.401	0.692	89.600
	Mathematical Processes and Tools	09	010230	7.974	1.464	0.665	0.847	88.600

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 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	133834	33.910	6.094	0.859	2.288	80.738
	Basic Understanding	13	133834	10.916	1.987	0.643	1.187	83.969
	Applying Knowledge of Literary Elements	08	133834	6.831	1.358	0.553	0.908	85.387
	Using Strategies to Analyze	08	133834	6.170	1.483	0.484	1.065	77.125
	Applying Critical-Thinking Skills	13	133834	9.993	2.431	0.690	1.354	76.869
Mathematics	COMPLETE SUBTEST	46	135078	33.901	8.389	0.901	2.640	73.697
	Numbers, Operations, and Quantitative Reasoning	10	135078	7.320	2.254	0.699	1.237	73.200
	Patterns, Relationships, and Algebraic Reasoning	09	135078	6.275	2.167	0.701	1.185	69.722
	Geometry and Spatial Reasoning	07	135078	5.597	1.460	0.576	0.951	79.957
	Concepts and Uses of Measurement	05	135078	3.428	1.278	0.469	0.931	68.560
	Probability and Statistics	06	135078	4.616	1.230	0.438	0.922	76.933
	Mathematical Processes and Tools	09	135078	6.664	1.980	0.664	1.148	74.044

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 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	001069	35.777	5.381	0.853	2.063	85.183
	Basic Understanding	13	001069	11.433	1.766	0.638	1.063	87.946
	Applying Knowledge of Literary Elements	08	001069	7.107	1.188	0.525	0.819	88.837
	Using Strategies to Analyze	08	001069	6.461	1.378	0.461	1.012	80.762
	Applying Critical-Thinking Skills	13	001069	10.776	2.142	0.687	1.198	82.892
Mathematics	COMPLETE SUBTEST	46	001061	35.954	7.662	0.894	2.495	78.160
	Numbers, Operations, and Quantitative Reasoning	10	001061	7.682	2.110	0.687	1.180	76.820
	Patterns, Relationships, and Algebraic Reasoning	09	001061	6.711	2.032	0.688	1.135	74.566
	Geometry and Spatial Reasoning	07	001061	5.908	1.292	0.550	0.867	84.400
	Concepts and Uses of Measurement	05	001061	3.706	1.229	0.486	0.881	74.120
	Probability and Statistics	06	001061	4.847	1.097	0.352	0.883	80.783
	Mathematical Processes and Tools	09	001061	7.100	1.809	0.643	1.081	78.888

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 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	110971	36.969	4.580	0.825	1.916	88.021
	Basic Understanding	13	110971	11.798	1.498	0.587	0.963	90.753
	Applying Knowledge of Literary Elements	08	110971	7.266	1.010	0.429	0.763	90.825
	Using Strategies to Analyze	08	110971	6.685	1.280	0.437	0.960	83.562
	Applying Critical-Thinking Skills	13	110971	11.220	1.876	0.653	1.105	86.307
Mathematics	COMPLETE SUBTEST	46	111353	37.731	7.058	0.891	2.330	82.023
	Numbers, Operations, and Quantitative Reasoning	10	111353	8.108	1.954	0.684	1.098	81.080
	Patterns, Relationships, and Algebraic Reasoning	09	111353	7.077	1.871	0.673	1.070	78.633
	Geometry and Spatial Reasoning	07	111353	6.113	1.158	0.519	0.803	87.328
	Concepts and Uses of Measurement	05	111353	3.937	1.131	0.459	0.832	78.740
	Probability and Statistics	06	111353	5.029	1.056	0.399	0.819	83.816
	Mathematical Processes and Tools	09	111353	7.467	1.676	0.642	1.003	82.966

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 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	294152	38.416	6.941	0.876	2.444	80.033
	Basic Understanding	12	294152	9.771	1.986	0.637	1.197	81.425
	Applying Knowledge of Literary Elements	10	294152	7.970	1.742	0.612	1.085	79.700
	Using Strategies to Analyze	10	294152	8.192	1.732	0.601	1.094	81.920
	Applying Critical-Thinking Skills	16	294152	12.483	2.624	0.683	1.477	78.018
Mathematics	COMPLETE SUBTEST	48	294052	34.067	9.162	0.907	2.794	70.972
	Numbers, Operations, and Quantitative Reasoning	10	294052	7.336	2.121	0.648	1.258	73.360
	Patterns, Relationships, and Algebraic Reasoning	10	294052	6.568	2.368	0.685	1.329	65.680
	Geometry and Spatial Reasoning	07	294052	5.182	1.559	0.551	1.045	74.028
	Concepts and Uses of Measurement	05	294052	3.327	1.406	0.613	0.875	66.540
	Probability and Statistics	07	294052	4.980	1.650	0.582	1.067	71.142
	Mathematical Processes and Tools	09	294052	6.674	2.056	0.676	1.170	74.155
Writing	COMPLETE SUBTEST	44	287499	36.409	5.774	0.867	2.106	84.855
	Appropriate Organization of Ideas	06	287499	5.524	0.908	0.573	0.593	92.066
	Correct and Effective Sentence Construction	10	287499	8.129	1.870	0.640	1.122	81.290
	Standard Usage and Appropriate Word Choice	12	287499	10.240	1.894	0.653	1.116	85.333
	Proofreading for Punctuation, Capitalization, and Spelling	12	287499	10.050	1.917	0.628	1.169	83.750

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 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	146919	38.814	6.627	0.867	2.417	80.862
	Basic Understanding	12	146919	9.845	1.905	0.614	1.184	82.041
	Applying Knowledge of Literary Elements	10	146919	8.039	1.695	0.600	1.072	80.390
	Using Strategies to Analyze	10	146919	8.234	1.689	0.584	1.089	82.340
	Applying Critical-Thinking Skills	16	146919	12.696	2.494	0.662	1.450	79.350
Mathematics	COMPLETE SUBTEST	48	146310	34.102	9.075	0.906	2.782	71.045
	Numbers, Operations, and Quantitative Reasoning	10	146310	7.317	2.113	0.646	1.257	73.170
	Patterns, Relationships, and Algebraic Reasoning	10	146310	6.501	2.356	0.680	1.333	65.010
	Geometry and Spatial Reasoning	07	146310	5.145	1.550	0.538	1.054	73.500
	Concepts and Uses of Measurement	05	146310	3.378	1.405	0.616	0.871	67.560
	Probability and Statistics	07	146310	5.049	1.633	0.579	1.060	72.128
	Mathematical Processes and Tools	09	146310	6.711	2.033	0.672	1.164	74.566
Writing	COMPLETE SUBTEST	44	144309	37.324	5.069	0.842	2.015	86.877
	Appropriate Organization of Ideas	06	144309	5.614	0.771	0.485	0.553	93.566
	Correct and Effective Sentence Construction	10	144309	8.369	1.684	0.590	1.078	83.690
	Standard Usage and Appropriate Word Choice	12	144309	10.454	1.726	0.618	1.067	87.116
	Proofreading for Punctuation, Capitalization, and Spelling	12	144309	10.314	1.708	0.579	1.108	85.950

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 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	147092	38.023	7.217	0.882	2.479	79.214
	Basic Understanding	12	147092	9.698	2.060	0.657	1.206	80.816
	Applying Knowledge of Literary Elements	10	147092	7.902	1.784	0.621	1.098	79.020
	Using Strategies to Analyze	10	147092	8.151	1.772	0.615	1.099	81.510
	Applying Critical-Thinking Skills	16	147092	12.271	2.731	0.696	1.506	76.693
Mathematics	COMPLETE SUBTEST	48	147598	34.040	9.243	0.909	2.788	70.916
	Numbers, Operations, and Quantitative Reasoning	10	147598	7.355	2.129	0.653	1.254	73.550
	Patterns, Relationships, and Algebraic Reasoning	10	147598	6.635	2.378	0.693	1.318	66.350
	Geometry and Spatial Reasoning	07	147598	5.220	1.566	0.563	1.035	74.571
	Concepts and Uses of Measurement	05	147598	3.277	1.405	0.608	0.880	65.540
	Probability and Statistics	07	147598	4.913	1.664	0.588	1.068	70.185
	Mathematical Processes and Tools	09	147598	6.639	2.077	0.683	1.169	73.766
Writing	COMPLETE SUBTEST	44	143103	35.489	6.272	0.877	2.200	82.825
	Appropriate Organization of Ideas	06	143103	5.434	1.020	0.620	0.629	90.566
	Correct and Effective Sentence Construction	10	143103	7.888	2.011	0.666	1.162	78.880
	Standard Usage and Appropriate Word Choice	12	143103	10.024	2.026	0.671	1.162	83.533
	Proofreading for Punctuation, Capitalization, and Spelling	12	143103	9.784	2.073	0.650	1.226	81.533

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 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	041156	36.395	7.276	0.872	2.603	75.822
	Basic Understanding	12	041156	9.316	2.037	0.609	1.274	77.633
	Applying Knowledge of Literary Elements	10	041156	7.464	1.830	0.588	1.175	74.640
	Using Strategies to Analyze	10	041156	7.849	1.846	0.610	1.153	78.490
	Applying Critical-Thinking Skills	16	041156	11.766	2.794	0.687	1.563	73.537
Mathematics	COMPLETE SUBTEST	48	041039	30.358	9.386	0.900	2.968	63.245
	Numbers, Operations, and Quantitative Reasoning	10	041039	6.591	2.269	0.653	1.337	65.910
	Patterns, Relationships, and Algebraic Reasoning	10	041039	5.776	2.353	0.644	1.404	57.760
	Geometry and Spatial Reasoning	07	041039	4.656	1.649	0.536	1.123	66.514
	Concepts and Uses of Measurement	05	041039	2.846	1.442	0.594	0.919	56.920
	Probability and Statistics	07	041039	4.490	1.708	0.555	1.139	64.142
	Mathematical Processes and Tools	09	041039	5.999	2.181	0.664	1.264	66.655
Writing	COMPLETE SUBTEST	44	040385	34.973	6.060	0.860	2.267	81.497
	Appropriate Organization of Ideas	06	040385	5.335	1.055	0.581	0.683	88.916
	Correct and Effective Sentence Construction	10	040385	7.838	1.952	0.634	1.181	78.380
	Standard Usage and Appropriate Word Choice	12	040385	9.671	2.045	0.638	1.230	80.591
	Proofreading for Punctuation, Capitalization, and Spelling	12	040385	9.754	1.983	0.614	1.232	81.283

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 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	010090	41.560	5.375	0.843	2.130	86.583
	Basic Understanding	12	010090	10.517	1.547	0.553	1.034	87.641
	Applying Knowledge of Literary Elements	10	010090	8.687	1.427	0.570	0.936	86.870
	Using Strategies to Analyze	10	010090	8.788	1.401	0.539	0.951	87.880
	Applying Critical-Thinking Skills	16	010090	13.567	2.088	0.611	1.302	84.793
Mathematics	COMPLETE SUBTEST	48	010125	40.416	7.349	0.905	2.265	84.200
	Numbers, Operations, and Quantitative Reasoning	10	010125	8.495	1.652	0.604	1.040	84.950
	Patterns, Relationships, and Algebraic Reasoning	10	010125	8.171	2.014	0.718	1.070	81.710
	Geometry and Spatial Reasoning	07	010125	5.966	1.259	0.538	0.856	85.228
	Concepts and Uses of Measurement	05	010125	4.154	1.109	0.572	0.726	83.080
	Probability and Statistics	07	010125	5.833	1.367	0.581	0.885	83.328
	Mathematical Processes and Tools	09	010125	7.797	1.613	0.681	0.911	86.633
Writing	COMPLETE SUBTEST	44	009951	39.249	4.369	0.845	1.720	91.187
	Appropriate Organization of Ideas	06	009951	5.740	0.645	0.493	0.459	95.666
	Correct and Effective Sentence Construction	10	009951	8.831	1.470	0.593	0.938	88.310
	Standard Usage and Appropriate Word Choice	12	009951	10.917	1.482	0.622	0.911	90.975
	Proofreading for Punctuation, Capitalization, and Spelling	12	009951	10.987	1.381	0.572	0.903	91.558

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 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	128923	36.673	7.214	0.872	2.581	76.402
	Basic Understanding	12	128923	9.286	2.084	0.628	1.271	77.383
	Applying Knowledge of Literary Elements	10	128923	7.636	1.833	0.614	1.139	76.360
	Using Strategies to Analyze	10	128923	7.819	1.844	0.602	1.163	78.190
	Applying Critical-Thinking Skills	16	128923	11.931	2.679	0.666	1.548	74.568
Mathematics	COMPLETE SUBTEST	48	129352	32.202	9.123	0.899	2.899	67.087
	Numbers, Operations, and Quantitative Reasoning	10	129352	6.997	2.169	0.639	1.303	69.970
	Patterns, Relationships, and Algebraic Reasoning	10	129352	6.122	2.323	0.648	1.378	61.220
	Geometry and Spatial Reasoning	07	129352	4.958	1.585	0.531	1.085	70.828
	Concepts and Uses of Measurement	05	129352	3.082	1.420	0.593	0.906	61.640
	Probability and Statistics	07	129352	4.684	1.682	0.562	1.113	66.914
	Mathematical Processes and Tools	09	129352	6.360	2.093	0.659	1.222	70.666
Writing	COMPLETE SUBTEST	44	127071	35.164	5.992	0.859	2.250	81.982
	Appropriate Organization of Ideas	06	127071	5.427	0.979	0.564	0.646	90.450
	Correct and Effective Sentence Construction	10	127071	7.734	1.942	0.613	1.208	77.340
	Standard Usage and Appropriate Word Choice	12	127071	9.937	1.999	0.645	1.191	82.808
	Proofreading for Punctuation, Capitalization, and Spelling	12	127071	9.694	2.018	0.622	1.241	80.783

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 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	000992	39.170	6.707	0.874	2.381	81.604
	Basic Understanding	12	000992	9.983	1.918	0.632	1.164	83.191
	Applying Knowledge of Literary Elements	10	000992	8.128	1.676	0.602	1.057	81.280
	Using Strategies to Analyze	10	000992	8.342	1.643	0.581	1.064	83.420
	Applying Critical-Thinking Skills	16	000992	12.718	2.638	0.703	1.438	79.487
Mathematics	COMPLETE SUBTEST	48	000992	34.292	8.706	0.897	2.794	71.441
	Numbers, Operations, and Quantitative Reasoning	10	000992	7.397	2.015	0.605	1.266	73.970
	Patterns, Relationships, and Algebraic Reasoning	10	000992	6.617	2.250	0.641	1.348	66.170
	Geometry and Spatial Reasoning	07	000992	5.263	1.508	0.537	1.026	75.185
	Concepts and Uses of Measurement	05	000992	3.304	1.367	0.581	0.885	66.080
	Probability and Statistics	07	000992	5.035	1.602	0.559	1.064	71.928
	Mathematical Processes and Tools	09	000992	6.675	2.039	0.671	1.170	74.166
Writing	COMPLETE SUBTEST	44	000950	36.555	6.148	0.886	2.076	85.192
	Appropriate Organization of Ideas	06	000950	5.534	0.982	0.671	0.563	92.233
	Correct and Effective Sentence Construction	10	000950	8.132	2.022	0.707	1.094	81.320
	Standard Usage and Appropriate Word Choice	12	000950	10.336	1.918	0.684	1.078	86.133
	Proofreading for Punctuation, Capitalization, and Spelling	12	000950	10.076	1.955	0.646	1.163	83.966

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 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	112738	40.869	5.642	0.845	2.221	85.143
	Basic Understanding	12	112738	10.425	1.650	0.582	1.067	86.875
	Applying Knowledge of Literary Elements	10	112738	8.473	1.453	0.535	0.991	84.730
	Using Strategies to Analyze	10	112738	8.691	1.414	0.511	0.989	86.910
	Applying Critical-Thinking Skills	16	112738	13.280	2.272	0.640	1.363	83.000
Mathematics	COMPLETE SUBTEST	48	112285	37.016	8.028	0.894	2.614	77.116
	Numbers, Operations, and Quantitative Reasoning	10	112285	7.897	1.846	0.589	1.183	78.970
	Patterns, Relationships, and Algebraic Reasoning	10	112285	7.230	2.211	0.677	1.257	72.300
	Geometry and Spatial Reasoning	07	112285	5.564	1.393	0.510	0.975	79.485
	Concepts and Uses of Measurement	05	112285	3.713	1.264	0.570	0.829	74.260
	Probability and Statistics	07	112285	5.427	1.467	0.542	0.993	77.528
	Mathematical Processes and Tools	09	112285	7.186	1.828	0.649	1.083	79.844
Writing	COMPLETE SUBTEST	44	108982	38.140	4.897	0.852	1.884	88.887
	Appropriate Organization of Ideas	06	108982	5.688	0.737	0.553	0.493	94.800
	Correct and Effective Sentence Construction	10	108982	8.634	1.630	0.626	0.997	86.340
	Standard Usage and Appropriate Word Choice	12	108982	10.743	1.577	0.615	0.979	89.525
	Proofreading for Punctuation, Capitalization, and Spelling	12	108982	10.490	1.679	0.595	1.069	87.416

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 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	301262	40.610	6.660	0.884	2.268	84.604
	Basic Understanding	12	301262	10.334	1.865	0.666	1.078	86.116
	Applying Knowledge of Literary Elements	10	301262	8.679	1.531	0.577	0.996	86.790
	Using Strategies to Analyze	10	301262	8.793	1.545	0.630	0.940	87.930
	Applying Critical-Thinking Skills	16	301262	12.804	2.762	0.726	1.446	80.025
Mathematics	COMPLETE SUBTEST	50	299850	34.836	9.262	0.903	2.885	69.672
	Numbers, Operations, and Quantitative Reasoning	10	299850	6.646	2.382	0.700	1.305	66.460
	Patterns, Relationships, and Algebraic Reasoning	10	299850	7.137	2.221	0.681	1.254	71.370
	Geometry and Spatial Reasoning	07	299850	5.050	1.532	0.522	1.059	72.142
	Concepts and Uses of Measurement	05	299850	3.027	1.358	0.480	0.979	60.540
	Probability and Statistics	08	299850	6.095	1.652	0.571	1.082	76.187
	Mathematical Processes and Tools	10	299850	6.881	2.238	0.652	1.320	68.810
Social Studies	COMPLETE SUBTEST	48	297421	35.961	8.944	0.911	2.668	74.918
	Issues and Events in U.S. History	13	297421	9.342	2.922	0.762	1.426	71.861
	Geographic Influences on History	06	297421	4.514	1.418	0.558	0.943	75.233
	Economic and Social Influences on History	09	297421	6.982	1.835	0.620	1.131	77.577
	Political Influences on History	12	297421	8.764	2.692	0.742	1.367	73.033
	Critical-Thinking Skills	08	297421	6.359	1.598	0.588	1.026	79.487
Science	COMPLETE SUBTEST	50	298069	33.199	9.014	0.889	3.003	66.398
	Nature of Science	14	298069	9.927	2.729	0.681	1.541	70.907
	Life Systems and the Environment	12	298069	8.143	2.347	0.622	1.443	67.858
	Structures and Properties of Matter	06	298069	3.935	1.517	0.512	1.060	65.583
	Motion, Forces, and Energy	06	298069	3.864	1.606	0.582	1.038	64.400
	Earth and Space Systems	12	298069	7.329	2.618	0.665	1.515	61.075

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 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	151326	41.123	6.243	0.875	2.207	85.672
	Basic Understanding	12	151326	10.488	1.761	0.650	1.042	87.400
	Applying Knowledge of Literary Elements	10	151326	8.827	1.406	0.539	0.955	88.270
	Using Strategies to Analyze	10	151326	8.819	1.487	0.604	0.936	88.190
	Applying Critical-Thinking Skills	16	151326	12.990	2.635	0.712	1.414	81.187
Mathematics	COMPLETE SUBTEST	50	150265	34.698	9.078	0.898	2.899	69.396
	Numbers, Operations, and Quantitative Reasoning	10	150265	6.709	2.311	0.680	1.307	67.090
	Patterns, Relationships, and Algebraic Reasoning	10	150265	7.065	2.224	0.679	1.260	70.650
	Geometry and Spatial Reasoning	07	150265	4.904	1.533	0.504	1.080	70.057
	Concepts and Uses of Measurement	05	150265	3.042	1.328	0.450	0.985	60.840
	Probability and Statistics	08	150265	6.057	1.644	0.563	1.087	75.712
	Mathematical Processes and Tools	10	150265	6.921	2.197	0.639	1.320	69.210
Social Studies	COMPLETE SUBTEST	48	149499	35.480	8.805	0.905	2.714	73.916
	Issues and Events in U.S. History	13	149499	9.089	2.905	0.747	1.461	69.915
	Geographic Influences on History	06	149499	4.376	1.446	0.547	0.973	72.933
	Economic and Social Influences on History	09	149499	6.945	1.807	0.600	1.143	77.166
	Political Influences on History	12	149499	8.730	2.660	0.732	1.377	72.750
	Critical-Thinking Skills	08	149499	6.339	1.565	0.562	1.036	79.237
Science	COMPLETE SUBTEST	50	149745	32.228	8.799	0.881	3.035	64.456
	Nature of Science	14	149745	9.796	2.702	0.667	1.559	69.971
	Life Systems and the Environment	12	149745	7.999	2.355	0.615	1.461	66.658
	Structures and Properties of Matter	06	149745	3.882	1.513	0.498	1.072	64.700
	Motion, Forces, and Energy	06	149745	3.671	1.574	0.545	1.062	61.183
	Earth and Space Systems	12	149745	6.880	2.537	0.629	1.545	57.333

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 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	149749	40.096	7.016	0.891	2.316	83.533
	Basic Understanding	12	149749	10.180	1.951	0.677	1.109	84.833
	Applying Knowledge of Literary Elements	10	149749	8.531	1.634	0.600	1.033	85.310
	Using Strategies to Analyze	10	149749	8.768	1.601	0.653	0.943	87.680
	Applying Critical-Thinking Skills	16	149749	12.618	2.871	0.737	1.472	78.862
Mathematics	COMPLETE SUBTEST	50	149401	34.983	9.438	0.908	2.863	69.966
	Numbers, Operations, and Quantitative Reasoning	10	149401	6.584	2.449	0.717	1.303	65.840
	Patterns, Relationships, and Algebraic Reasoning	10	149401	7.210	2.215	0.684	1.245	72.100
	Geometry and Spatial Reasoning	07	149401	5.199	1.516	0.535	1.034	74.271
	Concepts and Uses of Measurement	05	149401	3.013	1.386	0.507	0.973	60.260
	Probability and Statistics	08	149401	6.135	1.658	0.580	1.075	76.687
	Mathematical Processes and Tools	10	149401	6.843	2.277	0.664	1.320	68.430
Social Studies	COMPLETE SUBTEST	48	147741	36.456	9.051	0.916	2.623	75.950
	Issues and Events in U.S. History	13	147741	9.601	2.917	0.775	1.384	73.853
	Geographic Influences on History	06	147741	4.654	1.374	0.563	0.908	77.566
	Economic and Social Influences on History	09	147741	7.021	1.861	0.640	1.117	78.011
	Political Influences on History	12	147741	8.799	2.724	0.753	1.354	73.325
	Critical-Thinking Skills	08	147741	6.381	1.630	0.614	1.013	79.762
Science	COMPLETE SUBTEST	50	148143	34.188	9.119	0.896	2.941	68.376
	Nature of Science	14	148143	10.062	2.748	0.694	1.520	71.871
	Life Systems and the Environment	12	148143	8.291	2.329	0.628	1.420	69.091
	Structures and Properties of Matter	06	148143	3.990	1.519	0.524	1.048	66.500
	Motion, Forces, and Energy	06	148143	4.060	1.613	0.607	1.011	67.666
	Earth and Space Systems	12	148143	7.785	2.620	0.681	1.480	64.875

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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 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	043356	39.087	7.044	0.880	2.440	81.431
	Basic Understanding	12	043356	9.942	2.002	0.655	1.176	82.850
	Applying Knowledge of Literary Elements	10	043356	8.389	1.632	0.568	1.073	83.890
	Using Strategies to Analyze	10	043356	8.519	1.651	0.612	1.028	85.190
	Applying Critical-Thinking Skills	16	043356	12.237	2.901	0.721	1.532	76.481
Mathematics	COMPLETE SUBTEST	50	043069	31.223	9.096	0.885	3.085	62.446
	Numbers, Operations, and Quantitative Reasoning	10	043069	5.976	2.392	0.670	1.374	59.760
	Patterns, Relationships, and Algebraic Reasoning	10	043069	6.420	2.277	0.652	1.343	64.200
	Geometry and Spatial Reasoning	07	043069	4.402	1.617	0.487	1.158	62.885
	Concepts and Uses of Measurement	05	043069	2.665	1.293	0.372	1.025	53.300
	Probability and Statistics	08	043069	5.574	1.716	0.533	1.173	69.675
	Mathematical Processes and Tools	10	043069	6.187	2.232	0.602	1.408	61.870
Social Studies	COMPLETE SUBTEST	48	042899	33.411	9.001	0.899	2.861	69.606
	Issues and Events in U.S. History	13	042899	8.546	2.967	0.736	1.524	65.738
	Geographic Influences on History	06	042899	4.114	1.459	0.507	1.024	68.566
	Economic and Social Influences on History	09	042899	6.628	1.851	0.581	1.198	73.644
	Political Influences on History	12	042899	8.164	2.748	0.723	1.446	68.033
	Critical-Thinking Skills	08	042899	5.959	1.678	0.567	1.104	74.487
Science	COMPLETE SUBTEST	50	042969	29.191	8.604	0.866	3.150	58.382
	Nature of Science	14	042969	8.906	2.803	0.659	1.637	63.614
	Life Systems and the Environment	12	042969	7.335	2.305	0.569	1.513	61.125
	Structures and Properties of Matter	06	042969	3.479	1.539	0.481	1.109	57.983
	Motion, Forces, and Energy	06	042969	3.337	1.565	0.508	1.098	55.616
	Earth and Space Systems	12	042969	6.134	2.449	0.583	1.581	51.116

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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 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	010031	43.133	4.952	0.848	1.931	89.860
	Basic Understanding	12	010031	10.969	1.425	0.609	0.891	91.408
	Applying Knowledge of Literary Elements	10	010031	9.137	1.177	0.488	0.842	91.370
	Using Strategies to Analyze	10	010031	9.229	1.168	0.551	0.783	92.290
	Applying Critical-Thinking Skills	16	010031	13.798	2.170	0.659	1.267	86.237
Mathematics	COMPLETE SUBTEST	50	010064	41.632	7.536	0.901	2.371	83.264
	Numbers, Operations, and Quantitative Reasoning	10	010064	8.227	1.890	0.676	1.076	82.270
	Patterns, Relationships, and Algebraic Reasoning	10	010064	8.513	1.736	0.669	0.999	85.130
	Geometry and Spatial Reasoning	07	010064	5.774	1.295	0.508	0.908	82.485
	Concepts and Uses of Measurement	05	010064	3.889	1.207	0.529	0.828	77.780
	Probability and Statistics	08	010064	6.947	1.284	0.533	0.877	86.837
	Mathematical Processes and Tools	10	010064	8.282	1.869	0.671	1.072	82.820
Social Studies	COMPLETE SUBTEST	48	009999	41.251	6.692	0.893	2.189	85.939
	Issues and Events in U.S. History	13	009999	11.042	2.178	0.716	1.161	84.938
	Geographic Influences on History	06	009999	5.154	1.077	0.469	0.785	85.900
	Economic and Social Influences on History	09	009999	7.918	1.372	0.568	0.902	87.977
	Political Influences on History	12	009999	10.100	2.185	0.733	1.129	84.166
	Critical-Thinking Skills	08	009999	7.038	1.214	0.513	0.847	87.975
Science	COMPLETE SUBTEST	50	009990	38.609	7.575	0.875	2.678	77.218
	Nature of Science	14	009990	11.297	2.185	0.611	1.363	80.692
	Life Systems and the Environment	12	009990	9.407	1.978	0.583	1.277	78.391
	Structures and Properties of Matter	06	009990	4.727	1.284	0.476	0.929	78.783
	Motion, Forces, and Energy	06	009990	4.655	1.381	0.576	0.899	77.583
	Earth and Space Systems	12	009990	8.522	2.419	0.663	1.404	71.016

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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 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	130324	39.069	7.261	0.888	2.430	81.393
	Basic Understanding	12	130324	10.010	2.021	0.674	1.154	83.416
	Applying Knowledge of Literary Elements	10	130324	8.410	1.676	0.593	1.069	84.100
	Using Strategies to Analyze	10	130324	8.501	1.719	0.648	1.020	85.010
	Applying Critical-Thinking Skills	16	130324	12.148	2.952	0.728	1.540	75.925
Mathematics	COMPLETE SUBTEST	50	130134	32.808	9.186	0.894	2.991	65.616
	Numbers, Operations, and Quantitative Reasoning	10	130134	6.182	2.403	0.686	1.347	61.820
	Patterns, Relationships, and Algebraic Reasoning	10	130134	6.757	2.273	0.671	1.304	67.570
	Geometry and Spatial Reasoning	07	130134	4.820	1.545	0.500	1.092	68.857
	Concepts and Uses of Measurement	05	130134	2.819	1.319	0.417	1.007	56.380
	Probability and Statistics	08	130134	5.760	1.693	0.548	1.138	72.000
	Mathematical Processes and Tools	10	130134	6.471	2.245	0.625	1.375	64.710
Social Studies	COMPLETE SUBTEST	48	128891	33.605	9.141	0.903	2.847	70.010
	Issues and Events in U.S. History	13	128891	8.711	3.007	0.753	1.494	67.007
	Geographic Influences on History	06	128891	4.171	1.490	0.539	1.012	69.516
	Economic and Social Influences on History	09	128891	6.570	1.929	0.607	1.209	73.000
	Political Influences on History	12	128891	8.134	2.726	0.716	1.453	67.783
	Critical-Thinking Skills	08	128891	6.020	1.669	0.568	1.097	75.250
Science	COMPLETE SUBTEST	50	129222	30.481	8.758	0.874	3.109	60.962
	Nature of Science	14	129222	9.246	2.776	0.664	1.609	66.042
	Life Systems and the Environment	12	129222	7.521	2.349	0.594	1.497	62.675
	Structures and Properties of Matter	06	129222	3.580	1.527	0.474	1.107	59.666
	Motion, Forces, and Energy	06	129222	3.476	1.580	0.530	1.083	57.933
	Earth and Space Systems	12	129222	6.658	2.509	0.611	1.565	55.483

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 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	001098	41.214	6.230	0.875	2.203	85.862
	Basic Understanding	12	001098	10.433	1.799	0.658	1.052	86.941
	Applying Knowledge of Literary Elements	10	001098	8.795	1.429	0.546	0.963	87.950
	Using Strategies to Analyze	10	001098	8.933	1.391	0.577	0.905	89.330
	Applying Critical-Thinking Skills	16	001098	13.054	2.657	0.721	1.403	81.587
Mathematics	COMPLETE SUBTEST	50	001088	35.235	8.977	0.898	2.867	70.470
	Numbers, Operations, and Quantitative Reasoning	10	001088	6.664	2.370	0.697	1.305	66.640
	Patterns, Relationships, and Algebraic Reasoning	10	001088	7.216	2.151	0.660	1.254	72.160
	Geometry and Spatial Reasoning	07	001088	5.170	1.466	0.500	1.037	73.857
	Concepts and Uses of Measurement	05	001088	2.994	1.352	0.469	0.985	59.880
	Probability and Statistics	08	001088	6.244	1.599	0.566	1.053	78.050
	Mathematical Processes and Tools	10	001088	6.948	2.194	0.643	1.311	69.480
Social Studies	COMPLETE SUBTEST	48	001071	37.090	8.512	0.907	2.596	77.270
	Issues and Events in U.S. History	13	001071	9.702	2.723	0.737	1.396	74.630
	Geographic Influences on History	06	001071	4.695	1.339	0.548	0.900	78.250
	Economic and Social Influences on History	09	001071	7.146	1.758	0.608	1.101	79.400
	Political Influences on History	12	001071	9.035	2.643	0.749	1.324	75.291
	Critical-Thinking Skills	08	001071	6.513	1.526	0.574	0.996	81.412
Science	COMPLETE SUBTEST	50	001082	34.689	8.454	0.879	2.941	69.378
	Nature of Science	14	001082	10.239	2.534	0.640	1.520	73.135
	Life Systems and the Environment	12	001082	8.526	2.201	0.586	1.416	71.050
	Structures and Properties of Matter	06	001082	4.144	1.430	0.473	1.038	69.066
	Motion, Forces, and Energy	06	001082	4.048	1.554	0.567	1.023	67.466
	Earth and Space Systems	12	001082	7.732	2.491	0.639	1.497	64.433

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 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	116243	42.690	5.124	0.846	2.011	88.937
	Basic Understanding	12	116243	10.790	1.517	0.605	0.953	89.916
	Applying Knowledge of Literary Elements	10	116243	9.050	1.232	0.491	0.879	90.500
	Using Strategies to Analyze	10	116243	9.184	1.191	0.537	0.810	91.840
	Applying Critical-Thinking Skills	16	116243	13.666	2.220	0.655	1.304	85.412
Mathematics	COMPLETE SUBTEST	50	115283	37.890	8.254	0.892	2.713	75.780
	Numbers, Operations, and Quantitative Reasoning	10	115283	7.284	2.164	0.670	1.243	72.840
	Patterns, Relationships, and Algebraic Reasoning	10	115283	7.714	1.971	0.643	1.178	77.140
	Geometry and Spatial Reasoning	07	115283	5.490	1.344	0.459	0.989	78.428
	Concepts and Uses of Measurement	05	115283	3.324	1.344	0.511	0.940	66.480
	Probability and Statistics	08	115283	6.595	1.429	0.526	0.984	82.437
	Mathematical Processes and Tools	10	115283	7.482	2.052	0.636	1.238	74.820
Social Studies	COMPLETE SUBTEST	48	114348	39.112	7.585	0.898	2.422	81.483
	Issues and Events in U.S. History	13	114348	10.204	2.556	0.735	1.316	78.492
	Geographic Influences on History	06	114348	4.994	1.161	0.488	0.831	83.233
	Economic and Social Influences on History	09	114348	7.498	1.579	0.582	1.021	83.311
	Political Influences on History	12	114348	9.581	2.394	0.730	1.244	79.841
	Critical-Thinking Skills	08	114348	6.834	1.353	0.545	0.913	85.425
Science	COMPLETE SUBTEST	50	114586	37.291	7.586	0.863	2.808	74.582
	Nature of Science	14	114586	10.959	2.256	0.599	1.429	78.278
	Life Systems and the Environment	12	114586	9.036	2.025	0.551	1.357	75.300
	Structures and Properties of Matter	06	114586	4.437	1.331	0.446	0.991	73.950
	Motion, Forces, and Energy	06	114586	4.430	1.458	0.561	0.966	73.833
	Earth and Space Systems	12	114586	8.429	2.348	0.627	1.434	70.241

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 09 TAKS (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	333752	31.935	5.200	0.863	1.925	85.812
	Basic Understanding	09	333752	7.741	1.436	0.590	0.919	86.011
	Literary Elements and Techniques	15	333752	11.619	2.075	0.697	1.142	85.091
	Analysis and Evaluation	18	333752	12.574	2.369	0.738	1.213	86.383
Mathematics	COMPLETE SUBTEST	52	330661	33.058	10.528	0.917	3.033	63.573
	Functional Relationships	05	330661	3.027	1.392	0.523	0.961	60.540
	Properties and Attributes of Functions	05	330661	3.250	1.312	0.497	0.931	65.000
	Linear Functions	05	330661	3.248	1.457	0.605	0.916	64.960
	Linear Equations and Inequalities	05	330661	3.113	1.481	0.614	0.920	62.260
	Quadratic and Other Nonlinear Functions	04	330661	2.786	1.094	0.458	0.805	69.650
	Geometric Relationships and Spatial Reasoning	04	330661	2.911	1.130	0.518	0.785	72.775
	Two- and Three-Dimensional Representations	04	330661	2.546	1.134	0.421	0.863	63.650
	Measurement and Similarity	06	330661	3.426	1.541	0.505	1.084	57.100
	Percents/Proportions/Probability/Statistics	05	330661	3.214	1.342	0.517	0.933	64.280
	Mathematical Processes and Tools	09	330661	5.535	2.060	0.607	1.291	61.500

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 09 TAKS (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	163967	32.510	4.712	0.841	1.879	87.072
	Basic Understanding	09	163967	7.825	1.346	0.550	0.903	86.944
	Literary Elements and Techniques	15	163967	11.850	1.896	0.661	1.104	86.541
	Analysis and Evaluation	18	163967	12.835	2.165	0.698	1.190	87.691
Mathematics	COMPLETE SUBTEST	52	162707	33.139	10.186	0.910	3.056	63.728
	Functional Relationships	05	162707	3.077	1.371	0.504	0.966	61.540
	Properties and Attributes of Functions	05	162707	3.349	1.273	0.472	0.925	66.980
	Linear Functions	05	162707	3.257	1.423	0.581	0.921	65.140
	Linear Equations and Inequalities	05	162707	3.068	1.450	0.590	0.928	61.360
	Quadratic and Other Nonlinear Functions	04	162707	2.842	1.069	0.441	0.799	71.050
	Geometric Relationships and Spatial Reasoning	04	162707	2.905	1.100	0.477	0.796	72.625
	Two- and Three-Dimensional Representations	04	162707	2.492	1.144	0.418	0.873	62.300
	Measurement and Similarity	06	162707	3.451	1.525	0.498	1.080	57.516
	Percents/Proportions/Probability/Statistics	05	162707	3.188	1.335	0.504	0.940	63.760
	Mathematical Processes and Tools	09	162707	5.511	2.004	0.582	1.296	61.233

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 09 TAKS (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	169640	31.382	5.574	0.876	1.963	84.603
	Basic Understanding	09	169640	7.661	1.512	0.617	0.936	85.122
	Literary Elements and Techniques	15	169640	11.397	2.211	0.718	1.174	83.691
	Analysis and Evaluation	18	169640	12.324	2.524	0.763	1.229	85.133
Mathematics	COMPLETE SUBTEST	52	167707	32.991	10.845	0.922	3.029	63.444
	Functional Relationships	05	167707	2.981	1.410	0.539	0.957	59.620
	Properties and Attributes of Functions	05	167707	3.156	1.341	0.514	0.935	63.120
	Linear Functions	05	167707	3.241	1.490	0.627	0.910	64.820
	Linear Equations and Inequalities	05	167707	3.159	1.508	0.636	0.910	63.180
	Quadratic and Other Nonlinear Functions	04	167707	2.733	1.114	0.472	0.809	68.325
	Geometric Relationships and Spatial Reasoning	04	167707	2.918	1.157	0.553	0.774	72.950
	Two- and Three-Dimensional Representations	04	167707	2.600	1.122	0.421	0.854	65.000
	Measurement and Similarity	06	167707	3.403	1.556	0.513	1.086	56.716
	Percents/Proportions/Probability/Statistics	05	167707	3.241	1.348	0.532	0.922	64.820
	Mathematical Processes and Tools	09	167707	5.561	2.111	0.631	1.282	61.788

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 09 TAKS (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	048839	30.733	5.420	0.858	2.042	82.887
	Basic Understanding	09	048839	7.490	1.500	0.561	0.994	83.222
	Literary Elements and Techniques	15	048839	11.173	2.152	0.679	1.219	81.941
	Analysis and Evaluation	18	048839	12.070	2.522	0.747	1.269	83.583
Mathematics	COMPLETE SUBTEST	52	048085	28.845	9.878	0.895	3.201	55.471
	Functional Relationships	05	048085	2.648	1.366	0.458	1.006	52.960
	Properties and Attributes of Functions	05	048085	2.960	1.320	0.450	0.979	59.200
	Linear Functions	05	048085	2.782	1.488	0.573	0.972	55.640
	Linear Equations and Inequalities	05	048085	2.707	1.456	0.563	0.963	54.140
	Quadratic and Other Nonlinear Functions	04	048085	2.592	1.106	0.418	0.844	64.800
	Geometric Relationships and Spatial Reasoning	04	048085	2.515	1.195	0.477	0.864	62.875
	Two- and Three-Dimensional Representations	04	048085	2.120	1.155	0.357	0.926	53.000
	Measurement and Similarity	06	048085	2.941	1.459	0.404	1.126	49.016
	Percents/Proportions/Probability/Statistics	05	048085	2.792	1.295	0.431	0.977	55.840
	Mathematical Processes and Tools	09	048085	4.788	1.939	0.525	1.336	53.200

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 09 TAKS (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	010501	33.779	4.346	0.841	1.733	90.012
	Basic Understanding	09	010501	8.189	1.190	0.573	0.778	90.988
	Literary Elements and Techniques	15	010501	12.229	1.791	0.665	1.037	88.841
	Analysis and Evaluation	18	010501	13.361	1.993	0.687	1.115	90.450
Mathematics	COMPLETE SUBTEST	52	010602	41.098	9.248	0.923	2.566	79.034
	Functional Relationships	05	010602	3.894	1.216	0.551	0.815	77.880
	Properties and Attributes of Functions	05	010602	4.068	1.097	0.512	0.766	81.360
	Linear Functions	05	010602	4.061	1.185	0.590	0.759	81.220
	Linear Equations and Inequalities	05	010602	3.901	1.263	0.612	0.787	78.020
	Quadratic and Other Nonlinear Functions	04	010602	3.370	0.865	0.429	0.654	84.250
	Geometric Relationships and Spatial Reasoning	04	010602	3.456	0.854	0.488	0.611	86.400
	Two- and Three-Dimensional Representations	04	010602	3.138	0.999	0.465	0.731	78.450
	Measurement and Similarity	06	010602	4.387	1.497	0.603	0.943	73.116
	Percents/Proportions/Probability/Statistics	05	010602	3.943	1.176	0.540	0.798	78.860
	Mathematical Processes and Tools	09	010602	6.880	1.875	0.635	1.133	76.444

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 09 TAKS (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	148187	30.666	5.720	0.871	2.054	82.351
	Basic Understanding	09	148187	7.384	1.559	0.588	1.001	82.044
	Literary Elements and Techniques	15	148187	11.187	2.267	0.713	1.214	81.858
	Analysis and Evaluation	18	148187	12.095	2.613	0.758	1.285	83.075
Mathematics	COMPLETE SUBTEST	52	146023	30.309	10.080	0.902	3.156	58.286
	Functional Relationships	05	146023	2.760	1.377	0.486	0.987	55.200
	Properties and Attributes of Functions	05	146023	3.029	1.327	0.473	0.963	60.580
	Linear Functions	05	146023	2.998	1.462	0.578	0.950	59.960
	Linear Equations and Inequalities	05	146023	2.762	1.465	0.572	0.958	55.240
	Quadratic and Other Nonlinear Functions	04	146023	2.541	1.106	0.419	0.843	63.525
	Geometric Relationships and Spatial Reasoning	04	146023	2.730	1.164	0.492	0.830	68.250
	Two- and Three-Dimensional Representations	04	146023	2.361	1.111	0.356	0.892	59.025
	Measurement and Similarity	06	146023	3.126	1.487	0.442	1.111	52.100
	Percents/Proportions/Probability/Statistics	05	146023	2.921	1.317	0.458	0.970	58.420
	Mathematical Processes and Tools	09	146023	5.080	2.007	0.562	1.328	56.444

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 09 TAKS (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	001223	32.603	4.745	0.849	1.844	87.639
	Basic Understanding	09	001223	7.939	1.322	0.573	0.864	88.211
	Literary Elements and Techniques	15	001223	11.868	1.931	0.678	1.096	86.783
	Analysis and Evaluation	18	001223	12.796	2.169	0.707	1.174	88.058
Mathematics	COMPLETE SUBTEST	52	001207	33.983	10.134	0.911	3.023	65.351
	Functional Relationships	05	001207	3.066	1.365	0.496	0.969	61.320
	Properties and Attributes of Functions	05	001207	3.309	1.293	0.500	0.914	66.180
	Linear Functions	05	001207	3.328	1.418	0.584	0.915	66.560
	Linear Equations and Inequalities	05	001207	3.272	1.485	0.634	0.898	65.440
	Quadratic and Other Nonlinear Functions	04	001207	2.833	1.062	0.419	0.809	70.825
	Geometric Relationships and Spatial Reasoning	04	001207	3.012	1.039	0.434	0.782	75.300
	Two- and Three-Dimensional Representations	04	001207	2.634	1.134	0.450	0.841	65.850
	Measurement and Similarity	06	001207	3.492	1.523	0.494	1.083	58.200
	Percents/Proportions/Probability/Statistics	05	001207	3.287	1.285	0.468	0.937	65.740
	Mathematical Processes and Tools	09	001207	5.749	2.022	0.600	1.279	63.877

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 09 TAKS (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	124775	33.758	3.736	0.793	1.700	90.715
	Basic Understanding	09	124775	8.226	1.084	0.493	0.772	91.400
	Literary Elements and Techniques	15	124775	12.256	1.593	0.595	1.014	89.833
	Analysis and Evaluation	18	124775	13.276	1.758	0.617	1.088	91.075
Mathematics	COMPLETE SUBTEST	52	124344	37.252	9.486	0.908	2.877	71.638
	Functional Relationships	05	124344	3.417	1.303	0.501	0.920	68.340
	Properties and Attributes of Functions	05	124344	3.555	1.212	0.472	0.881	71.100
	Linear Functions	05	124344	3.656	1.325	0.574	0.865	73.120
	Linear Equations and Inequalities	05	124344	3.617	1.344	0.588	0.863	72.340
	Quadratic and Other Nonlinear Functions	04	124344	3.100	0.989	0.434	0.744	77.500
	Geometric Relationships and Spatial Reasoning	04	124344	3.232	0.972	0.470	0.708	80.800
	Two- and Three-Dimensional Representations	04	124344	2.880	1.049	0.406	0.808	72.000
	Measurement and Similarity	06	124344	3.886	1.479	0.499	1.047	64.766
	Percents/Proportions/Probability/Statistics	05	124344	3.662	1.242	0.509	0.870	73.240
	Mathematical Processes and Tools	09	124344	6.247	1.901	0.579	1.233	69.411

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 10 TAKS (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	280614	54.551	9.171	0.899	2.915	86.077
	Basic Understanding	08	280614	7.093	1.122	0.484	0.806	88.662
	Literary Elements and Techniques	11	280614	8.088	1.644	0.624	1.008	84.375
	Analysis and Evaluation	18	280614	12.580	2.533	0.724	1.331	84.466
	Revising and Editing	20	280614	17.338	3.214	0.830	1.325	86.690
Mathematics	COMPLETE SUBTEST	56	279945	35.791	11.563	0.928	3.103	63.912
	Functional Relationships	05	279945	3.579	1.291	0.515	0.899	71.580
	Properties and Attributes of Functions	05	279945	2.957	1.380	0.569	0.906	59.140
	Linear Functions	05	279945	3.535	1.349	0.602	0.851	70.700
	Linear Equations and Inequalities	05	279945	3.159	1.387	0.555	0.925	63.180
	Quadratic and Other Nonlinear Functions	05	279945	3.365	1.389	0.563	0.918	67.300
	Geometric Relationships and Spatial Reasoning	05	279945	3.121	1.382	0.548	0.929	62.420
	Two- and Three-Dimensional Representations	05	279945	3.335	1.454	0.615	0.902	66.700
	Measurement and Similarity	07	279945	3.911	1.803	0.586	1.160	55.871
	Percents/Proportions/Probability/Statistics	05	279945	3.138	1.383	0.530	0.948	62.760
	Mathematical Processes and Tools	09	279945	5.691	2.070	0.627	1.264	63.233
Social Studies	COMPLETE SUBTEST	50	277049	38.875	8.635	0.907	2.633	77.750
	Issues and Events in U.S. History	07	277049	4.953	1.607	0.531	1.101	70.757
	Geographic Influences on History	12	277049	9.649	2.386	0.735	1.228	80.408
	Economic and Social Influences on History	07	277049	5.734	1.430	0.583	0.923	81.914
	Political Influences on History	12	277049	8.768	2.602	0.725	1.365	73.066
	Critical-Thinking Skills	12	277049	9.770	2.196	0.693	1.217	81.416
Science	COMPLETE SUBTEST	55	278537	36.530	10.268	0.906	3.148	66.418
	Nature of Science	17	278537	11.738	3.313	0.731	1.718	69.047
	Organization of Living Systems	11	278537	7.260	2.417	0.658	1.413	66.000
	Interdependence of Organisms and the Environment	11	278537	7.086	2.578	0.701	1.410	64.418
	Structures and Properties of Matter	08	278537	4.797	1.979	0.607	1.241	59.962
	Motion, Forces, and Energy	08	278537	5.648	1.874	0.614	1.164	70.600

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 10 TAKS (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	141652	55.952	8.304	0.883	2.840	87.772
	Basic Understanding	08	141652	7.184	1.031	0.424	0.782	89.800
	Literary Elements and Techniques	11	141652	8.270	1.535	0.595	0.977	86.187
	Analysis and Evaluation	18	141652	12.902	2.302	0.689	1.284	86.266
	Revising and Editing	20	141652	17.700	2.833	0.802	1.261	88.500
Mathematics	COMPLETE SUBTEST	56	141501	35.554	11.351	0.925	3.109	63.489
	Functional Relationships	05	141501	3.597	1.265	0.494	0.900	71.940
	Properties and Attributes of Functions	05	141501	2.937	1.369	0.558	0.910	58.740
	Linear Functions	05	141501	3.572	1.315	0.584	0.848	71.440
	Linear Equations and Inequalities	05	141501	3.238	1.360	0.546	0.916	64.760
	Quadratic and Other Nonlinear Functions	05	141501	3.384	1.366	0.548	0.918	67.680
	Geometric Relationships and Spatial Reasoning	05	141501	3.052	1.361	0.530	0.933	61.040
	Two- and Three-Dimensional Representations	05	141501	3.215	1.500	0.624	0.920	64.300
	Measurement and Similarity	07	141501	3.861	1.793	0.582	1.159	55.157
	Percents/Proportions/Probability/Statistics	05	141501	3.034	1.387	0.525	0.956	60.680
	Mathematical Processes and Tools	09	141501	5.664	2.014	0.605	1.266	62.933
Social Studies	COMPLETE SUBTEST	50	140039	38.322	8.400	0.897	2.696	76.644
	Issues and Events in U.S. History	07	140039	4.830	1.592	0.494	1.132	69.000
	Geographic Influences on History	12	140039	9.570	2.354	0.717	1.252	79.750
	Economic and Social Influences on History	07	140039	5.690	1.405	0.547	0.946	81.285
	Political Influences on History	12	140039	8.630	2.554	0.705	1.387	71.916
	Critical-Thinking Skills	12	140039	9.602	2.193	0.673	1.254	80.016
Science	COMPLETE SUBTEST	55	140843	35.688	9.919	0.896	3.199	64.887
	Nature of Science	17	140843	11.542	3.228	0.708	1.744	67.894
	Organization of Living Systems	11	140843	7.182	2.392	0.642	1.431	65.290
	Interdependence of Organisms and the Environment	11	140843	6.743	2.523	0.674	1.441	61.300
	Structures and Properties of Matter	08	140843	4.644	1.950	0.586	1.255	58.050
	Motion, Forces, and Energy	08	140843	5.577	1.823	0.578	1.184	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 10 TAKS (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	138856	53.125	9.771	0.908	2.964	84.352
	Basic Understanding	08	138856	7.001	1.202	0.522	0.831	87.512
	Literary Elements and Techniques	11	138856	7.901	1.728	0.641	1.035	82.512
	Analysis and Evaluation	18	138856	12.252	2.709	0.743	1.373	82.633
	Revising and Editing	20	138856	16.970	3.522	0.846	1.382	84.850
Mathematics	COMPLETE SUBTEST	56	138265	36.045	11.768	0.931	3.091	64.366
	Functional Relationships	05	138265	3.562	1.316	0.534	0.898	71.240
	Properties and Attributes of Functions	05	138265	2.980	1.390	0.583	0.898	59.600
	Linear Functions	05	138265	3.499	1.381	0.619	0.852	69.980
	Linear Equations and Inequalities	05	138265	3.079	1.409	0.561	0.934	61.580
	Quadratic and Other Nonlinear Functions	05	138265	3.346	1.411	0.579	0.916	66.920
	Geometric Relationships and Spatial Reasoning	05	138265	3.192	1.401	0.565	0.924	63.840
	Two- and Three-Dimensional Representations	05	138265	3.459	1.394	0.600	0.882	69.180
	Measurement and Similarity	07	138265	3.963	1.812	0.591	1.159	56.614
	Percents/Proportions/Probability/Statistics	05	138265	3.246	1.371	0.530	0.940	64.920
	Mathematical Processes and Tools	09	138265	5.719	2.125	0.647	1.263	63.544
Social Studies	COMPLETE SUBTEST	50	136836	39.447	8.829	0.915	2.574	78.894
	Issues and Events in U.S. History	07	136836	5.080	1.613	0.563	1.066	72.571
	Geographic Influences on History	12	136836	9.732	2.414	0.753	1.200	81.100
	Economic and Social Influences on History	07	136836	5.780	1.452	0.617	0.899	82.571
	Political Influences on History	12	136836	8.911	2.641	0.743	1.339	74.258
	Critical-Thinking Skills	12	136836	9.944	2.184	0.713	1.170	82.866
Science	COMPLETE SUBTEST	55	137519	37.401	10.541	0.914	3.091	68.001
	Nature of Science	17	137519	11.941	3.385	0.751	1.689	70.241
	Organization of Living Systems	11	137519	7.341	2.439	0.675	1.390	66.736
	Interdependence of Organisms and the Environment	11	137519	7.439	2.585	0.719	1.370	67.627
	Structures and Properties of Matter	08	137519	4.955	1.996	0.625	1.222	61.937
	Motion, Forces, and Energy	08	137519	5.723	1.921	0.651	1.135	71.537

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 10 TAKS (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	039766	52.199	9.222	0.892	3.031	82.993
	Basic Understanding	08	039766	6.916	1.200	0.479	0.866	86.450
	Literary Elements and Techniques	11	039766	7.806	1.711	0.611	1.067	81.550
	Analysis and Evaluation	18	039766	12.095	2.633	0.715	1.406	81.450
	Revising and Editing	20	039766	16.624	3.419	0.819	1.455	83.120
Mathematics	COMPLETE SUBTEST	56	039394	30.378	10.698	0.906	3.280	54.246
	Functional Relationships	05	039394	3.206	1.319	0.462	0.967	64.120
	Properties and Attributes of Functions	05	039394	2.502	1.305	0.472	0.948	50.040
	Linear Functions	05	039394	3.128	1.393	0.574	0.909	62.560
	Linear Equations and Inequalities	05	039394	2.728	1.379	0.490	0.985	54.560
	Quadratic and Other Nonlinear Functions	05	039394	2.953	1.395	0.504	0.982	59.060
	Geometric Relationships and Spatial Reasoning	05	039394	2.542	1.353	0.487	0.969	50.840
	Two- and Three-Dimensional Representations	05	039394	2.569	1.536	0.600	0.971	51.380
	Measurement and Similarity	07	039394	3.255	1.669	0.478	1.206	46.500
	Percents/Proportions/Probability/Statistics	05	039394	2.673	1.330	0.438	0.997	53.460
	Mathematical Processes and Tools	09	039394	4.822	1.919	0.518	1.332	53.577
Social Studies	COMPLETE SUBTEST	50	039079	35.637	8.891	0.894	2.895	71.274
	Issues and Events in U.S. History	07	039079	4.536	1.627	0.483	1.170	64.800
	Geographic Influences on History	12	039079	8.863	2.521	0.701	1.379	73.858
	Economic and Social Influences on History	07	039079	5.287	1.533	0.540	1.040	75.528
	Political Influences on History	12	039079	8.037	2.635	0.695	1.455	66.975
	Critical-Thinking Skills	12	039079	8.914	2.395	0.674	1.367	74.283
Science	COMPLETE SUBTEST	55	039343	32.009	9.491	0.876	3.342	58.198
	Nature of Science	17	039343	10.323	3.203	0.666	1.851	60.723
	Organization of Living Systems	11	039343	6.451	2.343	0.591	1.498	58.645
	Interdependence of Organisms and the Environment	11	039343	6.143	2.448	0.629	1.491	55.845
	Structures and Properties of Matter	08	039343	4.059	1.824	0.498	1.292	50.737
	Motion, Forces, and Energy	08	039343	5.033	1.901	0.566	1.252	62.912

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 10 TAKS (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	009942	58.475	8.183	0.887	2.751	90.262
	Basic Understanding	08	009942	7.342	0.945	0.417	0.722	91.775
	Literary Elements and Techniques	11	009942	8.549	1.498	0.626	0.916	88.300
	Analysis and Evaluation	18	009942	13.336	2.153	0.680	1.218	88.441
	Revising and Editing	20	009942	18.307	2.542	0.809	1.111	91.535
Mathematics	COMPLETE SUBTEST	56	010038	44.100	10.307	0.934	2.648	78.750
	Functional Relationships	05	010038	4.162	1.084	0.524	0.748	83.240
	Properties and Attributes of Functions	05	010038	3.865	1.232	0.604	0.775	77.300
	Linear Functions	05	010038	4.289	1.055	0.594	0.672	85.780
	Linear Equations and Inequalities	05	010038	3.990	1.176	0.575	0.767	79.800
	Quadratic and Other Nonlinear Functions	05	010038	4.056	1.187	0.586	0.764	81.120
	Geometric Relationships and Spatial Reasoning	05	010038	3.850	1.204	0.538	0.818	77.000
	Two- and Three-Dimensional Representations	05	010038	4.039	1.220	0.608	0.764	80.780
	Measurement and Similarity	07	010038	5.124	1.705	0.642	1.020	73.200
	Percents/Proportions/Probability/Statistics	05	010038	3.835	1.252	0.567	0.824	76.700
	Mathematical Processes and Tools	09	010038	6.889	1.909	0.664	1.107	76.544
Social Studies	COMPLETE SUBTEST	50	009950	42.815	6.995	0.897	2.245	85.630
	Issues and Events in U.S. History	07	009950	5.538	1.432	0.530	0.982	79.114
	Geographic Influences on History	12	009950	10.648	1.814	0.697	0.999	88.733
	Economic and Social Influences on History	07	009950	6.269	1.124	0.570	0.737	89.557
	Political Influences on History	12	009950	9.763	2.287	0.727	1.195	81.358
	Critical-Thinking Skills	12	009950	10.597	1.722	0.650	1.019	88.308
Science	COMPLETE SUBTEST	55	009980	42.834	9.154	0.909	2.761	77.880
	Nature of Science	17	009980	13.467	2.923	0.731	1.516	79.217
	Organization of Living Systems	11	009980	8.591	2.171	0.680	1.228	78.100
	Interdependence of Organisms and the Environment	11	009980	8.366	2.294	0.695	1.267	76.054
	Structures and Properties of Matter	08	009980	5.892	1.841	0.647	1.094	73.650
	Motion, Forces, and Energy	08	009980	6.518	1.544	0.578	1.003	81.475

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 10 TAKS (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	114466	52.169	9.881	0.905	3.046	82.610
	Basic Understanding	08	114466	6.913	1.232	0.512	0.861	86.412
	Literary Elements and Techniques	11	114466	7.773	1.785	0.640	1.071	80.950
	Analysis and Evaluation	18	114466	12.037	2.769	0.737	1.420	80.791
	Revising and Editing	20	114466	16.569	3.576	0.831	1.470	82.845
Mathematics	COMPLETE SUBTEST	56	113678	32.867	11.137	0.916	3.228	58.691
	Functional Relationships	05	113678	3.307	1.315	0.481	0.947	66.140
	Properties and Attributes of Functions	05	113678	2.677	1.341	0.518	0.931	53.540
	Linear Functions	05	113678	3.294	1.348	0.573	0.881	65.880
	Linear Equations and Inequalities	05	113678	2.903	1.383	0.515	0.963	58.060
	Quadratic and Other Nonlinear Functions	05	113678	3.123	1.400	0.533	0.957	62.460
	Geometric Relationships and Spatial Reasoning	05	113678	2.884	1.371	0.517	0.953	57.680
	Two- and Three-Dimensional Representations	05	113678	3.108	1.454	0.586	0.936	62.160
	Measurement and Similarity	07	113678	3.531	1.733	0.528	1.191	50.442
	Percents/Proportions/Probability/Statistics	05	113678	2.795	1.373	0.479	0.991	55.900
	Mathematical Processes and Tools	09	113678	5.245	2.050	0.587	1.317	58.277
Social Studies	COMPLETE SUBTEST	50	111812	36.574	8.878	0.898	2.835	73.148
	Issues and Events in U.S. History	07	111812	4.651	1.616	0.494	1.150	66.442
	Geographic Influences on History	12	111812	9.015	2.527	0.717	1.344	75.125
	Economic and Social Influences on History	07	111812	5.443	1.520	0.562	1.006	77.757
	Political Influences on History	12	111812	8.181	2.643	0.700	1.448	68.175
	Critical-Thinking Skills	12	111812	9.284	2.316	0.679	1.312	77.366
Science	COMPLETE SUBTEST	55	112738	33.235	9.717	0.885	3.295	60.427
	Nature of Science	17	112738	10.805	3.242	0.688	1.811	63.558
	Organization of Living Systems	11	112738	6.587	2.373	0.609	1.484	59.881
	Interdependence of Organisms and the Environment	11	112738	6.354	2.492	0.651	1.472	57.763
	Structures and Properties of Matter	08	112738	4.249	1.873	0.527	1.288	53.112
	Motion, Forces, and Energy	08	112738	5.241	1.897	0.581	1.228	65.512

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 10 TAKS (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	000996	55.366	8.269	0.879	2.876	87.331
	Basic Understanding	08	000996	7.131	1.040	0.415	0.795	89.137
	Literary Elements and Techniques	11	000996	8.162	1.527	0.582	0.987	85.525
	Analysis and Evaluation	18	000996	12.826	2.277	0.682	1.284	86.000
	Revising and Editing	20	000996	17.626	2.969	0.819	1.263	88.130
Mathematics	COMPLETE SUBTEST	56	001011	35.623	11.209	0.922	3.131	63.612
	Functional Relationships	05	001011	3.622	1.256	0.490	0.897	72.440
	Properties and Attributes of Functions	05	001011	2.934	1.379	0.567	0.907	58.680
	Linear Functions	05	001011	3.453	1.359	0.593	0.867	69.060
	Linear Equations and Inequalities	05	001011	3.138	1.423	0.581	0.921	62.760
	Quadratic and Other Nonlinear Functions	05	001011	3.344	1.392	0.563	0.920	66.880
	Geometric Relationships and Spatial Reasoning	05	001011	3.114	1.389	0.551	0.931	62.280
	Two- and Three-Dimensional Representations	05	001011	3.388	1.428	0.604	0.899	67.760
	Measurement and Similarity	07	001011	3.886	1.734	0.541	1.175	55.514
	Percents/Proportions/Probability/Statistics	05	001011	3.084	1.374	0.517	0.955	61.680
	Mathematical Processes and Tools	09	001011	5.660	2.076	0.630	1.263	62.888
Social Studies	COMPLETE SUBTEST	50	001005	39.663	8.251	0.902	2.583	79.326
	Issues and Events in U.S. History	07	001005	5.032	1.593	0.533	1.089	71.885
	Geographic Influences on History	12	001005	9.829	2.308	0.730	1.199	81.908
	Economic and Social Influences on History	07	001005	5.807	1.363	0.557	0.907	82.957
	Political Influences on History	12	001005	8.931	2.568	0.727	1.342	74.425
	Critical-Thinking Skills	12	001005	10.064	2.016	0.671	1.156	83.866
Science	COMPLETE SUBTEST	55	001005	37.559	10.009	0.904	3.101	68.289
	Nature of Science	17	001005	11.986	3.155	0.710	1.699	70.505
	Organization of Living Systems	11	001005	7.512	2.363	0.657	1.384	68.290
	Interdependence of Organisms and the Environment	11	001005	7.435	2.527	0.702	1.379	67.590
	Structures and Properties of Matter	08	001005	4.957	1.920	0.588	1.232	61.962
	Motion, Forces, and Energy	08	001005	5.669	1.865	0.615	1.157	70.862

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 10 TAKS (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	115264	57.391	7.405	0.865	2.721	90.225
	Basic Understanding	08	115264	7.312	0.935	0.392	0.729	91.400
	Literary Elements and Techniques	11	115264	8.458	1.378	0.555	0.919	88.400
	Analysis and Evaluation	18	115264	13.221	2.077	0.661	1.209	88.816
	Revising and Editing	20	115264	18.266	2.458	0.795	1.113	91.330
Mathematics	COMPLETE SUBTEST	56	115499	39.822	10.554	0.922	2.948	71.110
	Functional Relationships	05	115499	3.925	1.162	0.490	0.830	78.500
	Properties and Attributes of Functions	05	115499	3.312	1.329	0.570	0.871	66.240
	Linear Functions	05	115499	3.850	1.255	0.592	0.802	77.000
	Linear Equations and Inequalities	05	115499	3.488	1.299	0.545	0.876	69.760
	Quadratic and Other Nonlinear Functions	05	115499	3.686	1.293	0.552	0.865	73.720
	Geometric Relationships and Spatial Reasoning	05	115499	3.491	1.286	0.517	0.894	69.820
	Two- and Three-Dimensional Representations	05	115499	3.760	1.268	0.550	0.851	75.200
	Measurement and Similarity	07	115499	4.407	1.739	0.583	1.123	62.957
	Percents/Proportions/Probability/Statistics	05	115499	3.576	1.263	0.499	0.894	71.520
	Mathematical Processes and Tools	09	115499	6.325	1.909	0.607	1.197	70.277
Social Studies	COMPLETE SUBTEST	50	114894	41.884	7.202	0.892	2.367	83.768
	Issues and Events in U.S. History	07	114894	5.340	1.500	0.525	1.034	76.285
	Geographic Influences on History	12	114894	10.451	1.912	0.695	1.056	87.091
	Economic and Social Influences on History	07	114894	6.125	1.191	0.549	0.800	87.500
	Political Influences on History	12	114894	9.504	2.339	0.712	1.255	79.200
	Critical-Thinking Skills	12	114894	10.463	1.766	0.638	1.063	87.191
Science	COMPLETE SUBTEST	55	115157	40.765	9.177	0.898	2.931	74.118
	Nature of Science	17	115157	12.990	2.918	0.705	1.585	76.411
	Organization of Living Systems	11	115157	8.082	2.183	0.633	1.322	73.472
	Interdependence of Organisms and the Environment	11	115157	8.015	2.361	0.689	1.317	72.863
	Structures and Properties of Matter	08	115157	5.493	1.870	0.603	1.178	68.662
	Motion, Forces, and Energy	08	115157	6.185	1.685	0.593	1.075	77.312

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 11 TAKS (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	242416	55.348	8.736	0.888	2.924	86.322
	Basic Understanding	08	242416	6.824	1.431	0.605	0.899	85.300
	Literary Elements and Techniques	11	242416	7.865	1.752	0.652	1.034	82.925
	Analysis and Evaluation	18	242416	13.124	2.035	0.654	1.197	88.691
	Revising and Editing	20	242416	17.333	2.872	0.773	1.368	86.665
Mathematics	COMPLETE SUBTEST	60	240285	41.971	10.864	0.916	3.149	69.951
	Functional Relationships	05	240285	3.956	1.072	0.400	0.830	79.120
	Properties and Attributes of Functions	05	240285	3.564	1.224	0.435	0.920	71.280
	Linear Functions	05	240285	3.670	1.277	0.509	0.895	73.400
	Linear Equations and Inequalities	05	240285	3.795	1.195	0.492	0.852	75.900
	Quadratic and Other Nonlinear Functions	05	240285	3.742	1.274	0.552	0.853	74.840
	Geometric Relationships and Spatial Reasoning	07	240285	4.599	1.721	0.574	1.123	65.700
	Two- and Three-Dimensional Representations	07	240285	4.782	1.617	0.529	1.110	68.314
	Measurement and Similarity	07	240285	4.672	1.684	0.552	1.127	66.742
	Percents/Proportions/Probability/Statistics	05	240285	3.310	1.276	0.548	0.858	66.200
	Mathematical Processes and Tools	09	240285	5.882	2.078	0.620	1.281	65.355
Social Studies	COMPLETE SUBTEST	55	241179	43.544	8.841	0.906	2.711	79.170
	Issues and Events in U.S. History	13	241179	9.614	2.586	0.701	1.414	73.953
	Geographic Influences on History	09	241179	7.341	1.719	0.626	1.051	81.566
	Economic and Social Influences on History	13	241179	10.422	2.472	0.727	1.292	80.169
	Political Influences on History	09	241179	6.943	1.932	0.668	1.113	77.144
	Critical-Thinking Skills	11	241179	9.225	1.729	0.567	1.138	83.863
Science	COMPLETE SUBTEST	55	240949	36.326	9.710	0.895	3.146	66.047
	Nature of Science	17	240949	11.595	3.399	0.742	1.726	68.205
	Organization of Living Systems	08	240949	4.706	1.762	0.462	1.292	58.825
	Interdependence of Organisms and the Environment	08	240949	6.196	1.652	0.586	1.063	77.450
	Structures and Properties of Matter	11	240949	6.919	2.531	0.692	1.405	62.900
	Motion, Forces, and Energy	11	240949	6.909	2.410	0.641	1.444	62.809

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 11 TAKS (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	124669	56.070	8.482	0.884	2.889	86.952
	Basic Understanding	08	124669	6.832	1.405	0.590	0.900	85.400
	Literary Elements and Techniques	11	124669	7.956	1.745	0.656	1.023	83.412
	Analysis and Evaluation	18	124669	13.270	1.962	0.638	1.180	89.375
	Revising and Editing	20	124669	17.508	2.721	0.759	1.336	87.540
Mathematics	COMPLETE SUBTEST	60	123745	41.072	10.762	0.912	3.193	68.453
	Functional Relationships	05	123745	3.967	1.050	0.372	0.832	79.340
	Properties and Attributes of Functions	05	123745	3.582	1.195	0.405	0.922	71.640
	Linear Functions	05	123745	3.594	1.286	0.499	0.910	71.880
	Linear Equations and Inequalities	05	123745	3.792	1.182	0.474	0.857	75.840
	Quadratic and Other Nonlinear Functions	05	123745	3.672	1.280	0.537	0.871	73.440
	Geometric Relationships and Spatial Reasoning	07	123745	4.453	1.742	0.576	1.134	63.614
	Two- and Three-Dimensional Representations	07	123745	4.620	1.619	0.516	1.126	66.000
	Measurement and Similarity	07	123745	4.522	1.704	0.548	1.146	64.600
	Percents/Proportions/Probability/Statistics	05	123745	3.161	1.266	0.539	0.860	63.220
	Mathematical Processes and Tools	09	123745	5.710	2.083	0.612	1.297	63.444
Social Studies	COMPLETE SUBTEST	55	123945	42.328	8.956	0.901	2.818	76.960
	Issues and Events in U.S. History	13	123945	9.200	2.623	0.686	1.470	70.769
	Geographic Influences on History	09	123945	7.063	1.801	0.615	1.117	78.477
	Economic and Social Influences on History	13	123945	10.185	2.515	0.716	1.340	78.346
	Political Influences on History	09	123945	6.804	1.928	0.650	1.141	75.600
	Critical-Thinking Skills	11	123945	9.076	1.764	0.558	1.173	82.509
Science	COMPLETE SUBTEST	55	123904	35.160	9.418	0.884	3.208	63.927
	Nature of Science	17	123904	11.380	3.333	0.725	1.748	66.941
	Organization of Living Systems	08	123904	4.546	1.725	0.423	1.310	56.825
	Interdependence of Organisms and the Environment	08	123904	5.989	1.666	0.560	1.105	74.862
	Structures and Properties of Matter	11	123904	6.725	2.481	0.673	1.419	61.136
	Motion, Forces, and Energy	11	123904	6.520	2.359	0.609	1.475	59.272

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 11 TAKS (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	117671	54.587	8.930	0.890	2.962	85.660
	Basic Understanding	08	117671	6.817	1.457	0.620	0.898	85.212
	Literary Elements and Techniques	11	117671	7.768	1.754	0.646	1.044	82.425
	Analysis and Evaluation	18	117671	12.971	2.097	0.665	1.214	87.975
	Revising and Editing	20	117671	17.149	3.013	0.783	1.404	85.745
Mathematics	COMPLETE SUBTEST	60	116450	42.932	10.888	0.918	3.118	71.553
	Functional Relationships	05	116450	3.945	1.095	0.427	0.829	78.900
	Properties and Attributes of Functions	05	116450	3.545	1.253	0.465	0.916	70.900
	Linear Functions	05	116450	3.751	1.262	0.518	0.876	75.020
	Linear Equations and Inequalities	05	116450	3.799	1.209	0.512	0.845	75.980
	Quadratic and Other Nonlinear Functions	05	116450	3.817	1.264	0.563	0.836	76.340
	Geometric Relationships and Spatial Reasoning	07	116450	4.756	1.686	0.569	1.107	67.942
	Two- and Three-Dimensional Representations	07	116450	4.954	1.597	0.541	1.082	70.771
	Measurement and Similarity	07	116450	4.833	1.647	0.553	1.101	69.042
	Percents/Proportions/Probability/Statistics	05	116450	3.468	1.266	0.549	0.850	69.360
	Mathematical Processes and Tools	09	116450	6.066	2.057	0.624	1.261	67.400
Social Studies	COMPLETE SUBTEST	55	117149	44.834	8.530	0.908	2.587	81.516
	Issues and Events in U.S. History	13	117149	10.052	2.472	0.703	1.347	77.323
	Geographic Influences on History	09	117149	7.635	1.574	0.617	0.974	84.833
	Economic and Social Influences on History	13	117149	10.674	2.400	0.733	1.240	82.107
	Political Influences on History	09	117149	7.090	1.924	0.685	1.080	78.777
	Critical-Thinking Skills	11	117149	9.383	1.677	0.572	1.097	85.300
Science	COMPLETE SUBTEST	55	116955	37.564	9.859	0.902	3.086	68.298
	Nature of Science	17	116955	11.825	3.453	0.756	1.706	69.558
	Organization of Living Systems	08	116955	4.876	1.784	0.493	1.270	60.950
	Interdependence of Organisms and the Environment	08	116955	6.415	1.609	0.604	1.013	80.187
	Structures and Properties of Matter	11	116955	7.126	2.566	0.708	1.387	64.781
	Motion, Forces, and Energy	11	116955	7.323	2.395	0.656	1.405	66.572

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 11 TAKS (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	033018	52.513	8.709	0.875	3.079	82.462
	Basic Understanding	08	033018	6.539	1.505	0.564	0.994	81.737
	Literary Elements and Techniques	11	033018	7.407	1.806	0.612	1.125	78.387
	Analysis and Evaluation	18	033018	12.648	2.159	0.644	1.288	85.758
	Revising and Editing	20	033018	16.481	3.045	0.747	1.532	82.405
Mathematics	COMPLETE SUBTEST	60	032668	36.726	10.624	0.899	3.376	61.210
	Functional Relationships	05	032668	3.727	1.142	0.387	0.894	74.540
	Properties and Attributes of Functions	05	032668	3.247	1.232	0.370	0.978	64.940
	Linear Functions	05	032668	3.282	1.349	0.482	0.971	65.640
	Linear Equations and Inequalities	05	032668	3.449	1.308	0.502	0.923	68.980
	Quadratic and Other Nonlinear Functions	05	032668	3.293	1.331	0.498	0.943	65.860
	Geometric Relationships and Spatial Reasoning	07	032668	3.946	1.729	0.527	1.189	56.371
	Two- and Three-Dimensional Representations	07	032668	4.008	1.634	0.480	1.178	57.257
	Measurement and Similarity	07	032668	3.932	1.701	0.500	1.203	56.171
	Percents/Proportions/Probability/Statistics	05	032668	2.832	1.264	0.491	0.902	56.640
	Mathematical Processes and Tools	09	032668	5.010	2.028	0.549	1.362	55.666
Social Studies	COMPLETE SUBTEST	55	032811	40.436	9.119	0.894	2.969	73.520
	Issues and Events in U.S. History	13	032811	8.875	2.603	0.659	1.520	68.269
	Geographic Influences on History	09	032811	6.645	1.862	0.583	1.202	73.833
	Economic and Social Influences on History	13	032811	9.647	2.625	0.705	1.426	74.207
	Political Influences on History	09	032811	6.574	2.013	0.656	1.181	73.044
	Critical-Thinking Skills	11	032811	8.696	1.857	0.537	1.264	79.054
Science	COMPLETE SUBTEST	55	032809	31.992	8.914	0.861	3.323	58.167
	Nature of Science	17	032809	10.127	3.252	0.680	1.840	59.570
	Organization of Living Systems	08	032809	4.135	1.684	0.384	1.322	51.687
	Interdependence of Organisms and the Environment	08	032809	5.627	1.698	0.524	1.171	70.337
	Structures and Properties of Matter	11	032809	6.132	2.426	0.637	1.462	55.745
	Motion, Forces, and Energy	11	032809	5.970	2.221	0.536	1.513	54.272

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 11 TAKS (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	009267	58.226	8.311	0.886	2.806	89.610
	Basic Understanding	08	009267	7.120	1.322	0.641	0.792	89.000
	Literary Elements and Techniques	11	009267	8.230	1.601	0.631	0.973	86.150
	Analysis and Evaluation	18	009267	13.490	1.944	0.647	1.155	90.291
	Revising and Editing	20	009267	18.167	2.449	0.772	1.169	90.835
Mathematics	COMPLETE SUBTEST	60	009293	48.815	9.402	0.917	2.709	81.358
	Functional Relationships	05	009293	4.371	0.873	0.389	0.682	87.420
	Properties and Attributes of Functions	05	009293	4.180	1.010	0.433	0.761	83.600
	Linear Functions	05	009293	4.236	1.027	0.487	0.736	84.720
	Linear Equations and Inequalities	05	009293	4.316	0.935	0.435	0.703	86.320
	Quadratic and Other Nonlinear Functions	05	009293	4.253	1.043	0.543	0.705	85.060
	Geometric Relationships and Spatial Reasoning	07	009293	5.510	1.493	0.585	0.962	78.714
	Two- and Three-Dimensional Representations	07	009293	5.470	1.467	0.543	0.992	78.142
	Measurement and Similarity	07	009293	5.516	1.471	0.560	0.976	78.800
	Percents/Proportions/Probability/Statistics	05	009293	3.972	1.137	0.554	0.759	79.440
	Mathematical Processes and Tools	09	009293	6.991	1.898	0.651	1.121	77.677
Social Studies	COMPLETE SUBTEST	55	009302	46.893	7.801	0.907	2.379	85.260
	Issues and Events in U.S. History	13	009302	10.646	2.257	0.698	1.240	81.892
	Geographic Influences on History	09	009302	7.807	1.492	0.621	0.919	86.744
	Economic and Social Influences on History	13	009302	11.167	2.175	0.730	1.130	85.900
	Political Influences on History	09	009302	7.575	1.719	0.685	0.965	84.166
	Critical-Thinking Skills	11	009302	9.698	1.530	0.570	1.003	88.163
Science	COMPLETE SUBTEST	55	009307	41.278	9.220	0.902	2.886	75.050
	Nature of Science	17	009307	12.952	3.123	0.743	1.583	76.188
	Organization of Living Systems	08	009307	5.407	1.763	0.521	1.220	67.587
	Interdependence of Organisms and the Environment	08	009307	6.636	1.457	0.562	0.964	82.950
	Structures and Properties of Matter	11	009307	8.274	2.362	0.715	1.261	75.218
	Motion, Forces, and Energy	11	009307	8.009	2.346	0.684	1.319	72.809

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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 11 TAKS (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	091943	52.742	9.670	0.898	3.088	82.506
	Basic Understanding	08	091943	6.469	1.601	0.615	0.993	80.862
	Literary Elements and Techniques	11	091943	7.389	1.928	0.659	1.126	77.637
	Analysis and Evaluation	18	091943	12.727	2.304	0.694	1.275	85.875
	Revising and Editing	20	091943	16.618	3.226	0.782	1.506	83.090
Mathematics	COMPLETE SUBTEST	60	090798	39.145	10.831	0.907	3.303	65.241
	Functional Relationships	05	090798	3.765	1.106	0.373	0.876	75.300
	Properties and Attributes of Functions	05	090798	3.335	1.245	0.399	0.965	66.700
	Linear Functions	05	090798	3.457	1.329	0.507	0.933	69.140
	Linear Equations and Inequalities	05	090798	3.569	1.264	0.494	0.899	71.380
	Quadratic and Other Nonlinear Functions	05	090798	3.484	1.327	0.531	0.909	69.680
	Geometric Relationships and Spatial Reasoning	07	090798	4.270	1.749	0.557	1.164	61.000
	Two- and Three-Dimensional Representations	07	090798	4.525	1.603	0.492	1.143	64.642
	Measurement and Similarity	07	090798	4.323	1.701	0.530	1.166	61.757
	Percents/Proportions/Probability/Statistics	05	090798	2.995	1.280	0.514	0.892	59.900
	Mathematical Processes and Tools	09	090798	5.421	2.070	0.587	1.330	60.233
Social Studies	COMPLETE SUBTEST	55	090876	40.663	9.278	0.899	2.949	73.932
	Issues and Events in U.S. History	13	090876	8.860	2.699	0.687	1.510	68.153
	Geographic Influences on History	09	090876	6.842	1.841	0.595	1.172	76.022
	Economic and Social Influences on History	13	090876	9.773	2.657	0.721	1.403	75.176
	Political Influences on History	09	090876	6.443	2.010	0.645	1.198	71.588
	Critical-Thinking Skills	11	090876	8.745	1.853	0.547	1.247	79.500
Science	COMPLETE SUBTEST	55	090902	32.863	9.295	0.875	3.286	59.750
	Nature of Science	17	090902	10.567	3.364	0.710	1.812	62.158
	Organization of Living Systems	08	090902	4.250	1.701	0.397	1.321	53.125
	Interdependence of Organisms and the Environment	08	090902	5.716	1.741	0.559	1.156	71.450
	Structures and Properties of Matter	11	090902	6.169	2.493	0.659	1.456	56.081
	Motion, Forces, and Energy	11	090902	6.161	2.266	0.563	1.498	56.009

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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 11 TAKS (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	000905	56.454	7.557	0.860	2.828	88.162
	Basic Understanding	08	000905	6.990	1.293	0.563	0.855	87.375
	Literary Elements and Techniques	11	000905	8.087	1.568	0.600	0.992	85.562
	Analysis and Evaluation	18	000905	13.343	1.771	0.575	1.155	90.408
	Revising and Editing	20	000905	17.634	2.533	0.727	1.323	88.170
Mathematics	COMPLETE SUBTEST	60	000878	42.716	10.200	0.905	3.144	71.193
	Functional Relationships	05	000878	4.009	1.029	0.353	0.828	80.180
	Properties and Attributes of Functions	05	000878	3.532	1.205	0.407	0.928	70.640
	Linear Functions	05	000878	3.706	1.259	0.499	0.891	74.120
	Linear Equations and Inequalities	05	000878	3.819	1.156	0.474	0.838	76.380
	Quadratic and Other Nonlinear Functions	05	000878	3.844	1.205	0.508	0.845	76.880
	Geometric Relationships and Spatial Reasoning	07	000878	4.705	1.604	0.510	1.123	67.214
	Two- and Three-Dimensional Representations	07	000878	4.944	1.506	0.462	1.105	70.628
	Measurement and Similarity	07	000878	4.781	1.570	0.482	1.130	68.300
	Percents/Proportions/Probability/Statistics	05	000878	3.407	1.231	0.522	0.851	68.140
	Mathematical Processes and Tools	09	000878	5.969	2.022	0.601	1.277	66.322
Social Studies	COMPLETE SUBTEST	55	000890	45.007	7.954	0.894	2.590	81.830
	Issues and Events in U.S. History	13	000890	10.037	2.289	0.645	1.364	77.207
	Geographic Influences on History	09	000890	7.644	1.541	0.600	0.975	84.933
	Economic and Social Influences on History	13	000890	10.742	2.297	0.711	1.235	82.630
	Political Influences on History	09	000890	7.175	1.831	0.659	1.069	79.722
	Critical-Thinking Skills	11	000890	9.409	1.607	0.536	1.095	85.536
Science	COMPLETE SUBTEST	55	000888	38.041	9.112	0.884	3.103	69.165
	Nature of Science	17	000888	12.000	3.283	0.732	1.700	70.588
	Organization of Living Systems	08	000888	4.973	1.700	0.435	1.278	62.162
	Interdependence of Organisms and the Environment	08	000888	6.459	1.530	0.565	1.009	80.737
	Structures and Properties of Matter	11	000888	7.270	2.413	0.667	1.392	66.090
	Motion, Forces, and Energy	11	000888	7.338	2.331	0.631	1.416	66.709

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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 11 TAKS (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	107147	58.204	6.728	0.836	2.725	90.493
	Basic Understanding	08	107147	7.191	1.138	0.525	0.784	89.887
	Literary Elements and Techniques	11	107147	8.381	1.402	0.573	0.916	88.575
	Analysis and Evaluation	18	107147	13.579	1.608	0.538	1.093	91.866
	Revising and Editing	20	107147	18.136	2.220	0.711	1.193	90.680
Mathematics	COMPLETE SUBTEST	60	106444	45.404	9.570	0.902	2.996	75.673
	Functional Relationships	05	106444	4.154	0.984	0.380	0.775	83.080
	Properties and Attributes of Functions	05	106444	3.804	1.149	0.426	0.871	76.080
	Linear Functions	05	106444	3.922	1.153	0.463	0.845	78.440
	Linear Equations and Inequalities	05	106444	4.050	1.037	0.412	0.795	81.000
	Quadratic and Other Nonlinear Functions	05	106444	4.056	1.126	0.516	0.783	81.120
	Geometric Relationships and Spatial Reasoning	07	106444	5.002	1.574	0.532	1.077	71.457
	Two- and Three-Dimensional Representations	07	106444	5.179	1.495	0.494	1.063	73.985
	Measurement and Similarity	07	106444	5.124	1.513	0.499	1.071	73.200
	Percents/Proportions/Probability/Statistics	05	106444	3.667	1.156	0.504	0.814	73.340
	Mathematical Processes and Tools	09	106444	6.447	1.906	0.591	1.219	71.633
Social Studies	COMPLETE SUBTEST	55	107098	46.648	7.129	0.884	2.428	84.814
	Issues and Events in U.S. History	13	107098	10.389	2.227	0.658	1.302	79.915
	Geographic Influences on History	09	107098	7.935	1.327	0.550	0.890	88.166
	Economic and Social Influences on History	13	107098	11.146	2.018	0.672	1.156	85.738
	Political Influences on History	09	107098	7.424	1.709	0.645	1.018	82.488
	Critical-Thinking Skills	11	107098	9.753	1.396	0.490	0.997	88.663
Science	COMPLETE SUBTEST	55	106840	40.170	8.570	0.879	2.981	73.036
	Nature of Science	17	106840	12.803	3.003	0.708	1.623	75.311
	Organization of Living Systems	08	106840	5.208	1.671	0.432	1.259	65.100
	Interdependence of Organisms and the Environment	08	106840	6.739	1.369	0.526	0.943	84.237
	Structures and Properties of Matter	11	106840	7.682	2.321	0.662	1.349	69.836
	Motion, Forces, and Energy	11	106840	7.738	2.267	0.632	1.375	70.345

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 03 Spanish TAKS (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	028975	27.297	5.822	0.848	2.270	75.825
	Basic Understanding	15	028975	11.548	2.696	0.718	1.432	76.986
	Applying Knowledge of Literary Elements	07	028975	5.894	1.150	0.433	0.866	84.200
	Using Strategies to Analyze	06	028975	4.417	1.349	0.492	0.961	73.616
	Applying Critical-Thinking Skills	08	028975	5.438	1.843	0.591	1.179	67.975
Mathematics	COMPLETE SUBTEST	40	026155	30.169	7.045	0.887	2.368	75.422
	Numbers, Operations, and Quantitative Reasoning	10	026155	7.908	2.066	0.694	1.143	79.080
	Patterns, Relationships, and Algebraic Reasoning	06	026155	4.615	1.298	0.539	0.881	76.916
	Geometry and Spatial Reasoning	06	026155	4.787	1.146	0.421	0.872	79.783
	Concepts and Uses of Measurement	06	026155	4.517	1.377	0.540	0.934	75.283
	Probability and Statistics	04	026155	3.260	0.928	0.472	0.674	81.500
	Mathematical Processes and Tools	08	026155	5.082	1.988	0.649	1.178	63.525

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 03 Spanish TAKS (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	014446	27.886	5.476	0.835	2.224	77.461
	Basic Understanding	15	014446	11.783	2.551	0.698	1.402	78.553
	Applying Knowledge of Literary Elements	07	014446	6.006	1.068	0.393	0.832	85.800
	Using Strategies to Analyze	06	014446	4.492	1.307	0.468	0.953	74.866
	Applying Critical-Thinking Skills	08	014446	5.605	1.773	0.573	1.159	70.062
Mathematics	COMPLETE SUBTEST	40	013021	30.124	6.997	0.886	2.362	75.310
	Numbers, Operations, and Quantitative Reasoning	10	013021	7.902	2.055	0.690	1.144	79.020
	Patterns, Relationships, and Algebraic Reasoning	06	013021	4.606	1.282	0.530	0.879	76.766
	Geometry and Spatial Reasoning	06	013021	4.801	1.133	0.418	0.864	80.016
	Concepts and Uses of Measurement	06	013021	4.500	1.386	0.543	0.937	75.000
	Probability and Statistics	04	013021	3.233	0.927	0.459	0.682	80.825
	Mathematical Processes and Tools	08	013021	5.082	1.982	0.649	1.174	63.525

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 03 Spanish TAKS (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	014517	26.712	6.091	0.856	2.311	74.200
	Basic Understanding	15	014517	11.315	2.814	0.731	1.459	75.433
	Applying Knowledge of Literary Elements	07	014517	5.782	1.215	0.455	0.897	82.600
	Using Strategies to Analyze	06	014517	4.342	1.386	0.510	0.970	72.366
	Applying Critical-Thinking Skills	08	014517	5.273	1.895	0.601	1.197	65.912
Mathematics	COMPLETE SUBTEST	40	013116	30.220	7.086	0.889	2.361	75.550
	Numbers, Operations, and Quantitative Reasoning	10	013116	7.916	2.073	0.698	1.139	79.160
	Patterns, Relationships, and Algebraic Reasoning	06	013116	4.624	1.313	0.546	0.885	77.066
	Geometry and Spatial Reasoning	06	013116	4.774	1.158	0.425	0.878	79.566
	Concepts and Uses of Measurement	06	013116	4.536	1.367	0.537	0.930	75.600
	Probability and Statistics	04	013116	3.287	0.928	0.488	0.664	82.175
	Mathematical Processes and Tools	08	013116	5.083	1.995	0.649	1.182	63.537

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 04 Spanish TAKS (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	017144	29.364	6.775	0.863	2.508	73.410
	Basic Understanding	15	017144	11.432	2.532	0.664	1.468	76.213
	Applying Knowledge of Literary Elements	08	017144	6.140	1.680	0.585	1.082	76.750
	Using Strategies to Analyze	07	017144	4.756	1.696	0.564	1.120	67.942
	Applying Critical-Thinking Skills	10	017144	7.036	2.100	0.616	1.301	70.360
Mathematics	COMPLETE SUBTEST	42	014756	31.098	7.363	0.885	2.497	74.042
	Numbers, Operations, and Quantitative Reasoning	11	014756	8.789	2.133	0.698	1.172	79.900
	Patterns, Relationships, and Algebraic Reasoning	07	014756	5.617	1.627	0.684	0.915	80.242
	Geometry and Spatial Reasoning	06	014756	4.465	1.250	0.446	0.930	74.416
	Concepts and Uses of Measurement	06	014756	4.374	1.305	0.461	0.958	72.900
	Probability and Statistics	04	014756	2.899	1.204	0.624	0.738	72.475
	Mathematical Processes and Tools	08	014756	4.954	1.908	0.575	1.244	61.925
Writing	COMPLETE SUBTEST	32	018149	26.312	4.010	0.821	1.697	86.300
	Appropriate Organization of Ideas	04	018149	3.454	0.843	0.458	0.621	86.350
	Correct and Effective Sentence Construction	08	018149	6.474	1.505	0.544	1.016	80.925
	Standard Usage and Appropriate Word Choice	08	018149	7.337	0.996	0.480	0.718	91.712
	Proofreading for Punctuation, Capitalization, and Spelling	08	018149	6.899	1.420	0.630	0.864	86.237

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 04 Spanish TAKS (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	008722	30.111	6.411	0.855	2.441	75.277
	Basic Understanding	15	008722	11.601	2.398	0.645	1.429	77.340
	Applying Knowledge of Literary Elements	08	008722	6.299	1.610	0.573	1.052	78.737
	Using Strategies to Analyze	07	008722	4.931	1.631	0.546	1.099	70.442
	Applying Critical-Thinking Skills	10	008722	7.279	1.995	0.596	1.268	72.790
Mathematics	COMPLETE SUBTEST	42	007503	30.911	7.360	0.884	2.507	73.597
	Numbers, Operations, and Quantitative Reasoning	11	007503	8.772	2.117	0.691	1.177	79.745
	Patterns, Relationships, and Algebraic Reasoning	07	007503	5.596	1.619	0.674	0.924	79.942
	Geometry and Spatial Reasoning	06	007503	4.462	1.253	0.446	0.933	74.366
	Concepts and Uses of Measurement	06	007503	4.306	1.317	0.459	0.969	71.766
	Probability and Statistics	04	007503	2.833	1.212	0.618	0.749	70.825
	Mathematical Processes and Tools	08	007503	4.941	1.910	0.571	1.251	61.762
Writing	COMPLETE SUBTEST	32	009226	26.927	3.622	0.801	1.616	88.167
	Appropriate Organization of Ideas	04	009226	3.532	0.782	0.442	0.584	88.300
	Correct and Effective Sentence Construction	08	009226	6.616	1.422	0.522	0.983	82.700
	Standard Usage and Appropriate Word Choice	08	009226	7.452	0.903	0.465	0.660	93.150
	Proofreading for Punctuation, Capitalization, and Spelling	08	009226	7.086	1.267	0.592	0.809	88.575

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 04 Spanish TAKS (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	008394	28.594	7.048	0.868	2.561	71.485
	Basic Understanding	15	008394	11.258	2.651	0.682	1.495	75.053
	Applying Knowledge of Literary Elements	08	008394	5.976	1.734	0.589	1.112	74.700
	Using Strategies to Analyze	07	008394	4.576	1.743	0.572	1.140	65.371
	Applying Critical-Thinking Skills	10	008394	6.784	2.174	0.625	1.331	67.840
Mathematics	COMPLETE SUBTEST	42	007237	31.297	7.357	0.887	2.473	74.516
	Numbers, Operations, and Quantitative Reasoning	11	007237	8.807	2.149	0.705	1.167	80.063
	Patterns, Relationships, and Algebraic Reasoning	07	007237	5.641	1.633	0.694	0.903	80.585
	Geometry and Spatial Reasoning	06	007237	4.470	1.246	0.447	0.927	74.500
	Concepts and Uses of Measurement	06	007237	4.445	1.288	0.461	0.946	74.083
	Probability and Statistics	04	007237	2.968	1.192	0.631	0.724	74.200
	Mathematical Processes and Tools	08	007237	4.968	1.906	0.581	1.234	62.100
Writing	COMPLETE SUBTEST	32	008905	25.677	4.282	0.827	1.781	84.367
	Appropriate Organization of Ideas	04	008905	3.374	0.895	0.465	0.655	84.350
	Correct and Effective Sentence Construction	08	008905	6.326	1.572	0.554	1.050	79.075
	Standard Usage and Appropriate Word Choice	08	008905	7.217	1.071	0.482	0.771	90.212
	Proofreading for Punctuation, Capitalization, and Spelling	08	008905	6.707	1.538	0.645	0.916	83.837

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 05 Spanish TAKS (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	007867	31.313	6.725	0.853	2.578	74.554
	Basic Understanding	13	007867	10.514	2.236	0.667	1.290	80.876
	Applying Knowledge of Literary Elements	08	007867	5.927	1.647	0.532	1.127	74.087
	Using Strategies to Analyze	08	007867	5.958	1.665	0.529	1.143	74.475
	Applying Critical-Thinking Skills	13	007867	8.915	2.514	0.620	1.550	68.576
Mathematics	COMPLETE SUBTEST	44	005834	27.501	8.991	0.902	2.815	62.502
	Numbers, Operations, and Quantitative Reasoning	11	005834	6.691	2.658	0.725	1.394	60.827
	Patterns, Relationships, and Algebraic Reasoning	07	005834	3.931	1.964	0.658	1.149	56.157
	Geometry and Spatial Reasoning	07	005834	5.174	1.499	0.519	1.040	73.914
	Concepts and Uses of Measurement	07	005834	4.511	1.794	0.613	1.116	64.442
	Probability and Statistics	04	005834	2.690	1.203	0.560	0.798	67.250
	Mathematical Processes and Tools	08	005834	4.504	1.993	0.607	1.249	56.300
Science	COMPLETE SUBTEST	40	004957	27.014	6.895	0.851	2.662	67.535
	Nature of Science	13	004957	9.313	2.518	0.663	1.462	71.638
	Life Sciences	09	004957	5.325	2.054	0.576	1.337	59.166
	Physical Sciences	09	004957	7.067	1.690	0.546	1.139	78.522
	Earth Sciences	09	004957	5.308	2.148	0.610	1.341	58.977

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 05 Spanish TAKS (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	004108	31.915	6.401	0.843	2.536	75.988
	Basic Understanding	13	004108	10.715	2.113	0.647	1.255	82.423
	Applying Knowledge of Literary Elements	08	004108	6.119	1.577	0.514	1.099	76.487
	Using Strategies to Analyze	08	004108	6.012	1.638	0.520	1.135	75.150
	Applying Critical-Thinking Skills	13	004108	9.069	2.437	0.602	1.537	69.761
Mathematics	COMPLETE SUBTEST	44	003009	27.243	8.843	0.898	2.824	61.915
	Numbers, Operations, and Quantitative Reasoning	11	003009	6.629	2.584	0.709	1.394	60.263
	Patterns, Relationships, and Algebraic Reasoning	07	003009	3.861	1.940	0.646	1.154	55.157
	Geometry and Spatial Reasoning	07	003009	5.127	1.498	0.511	1.048	73.242
	Concepts and Uses of Measurement	07	003009	4.396	1.798	0.603	1.133	62.800
	Probability and Statistics	04	003009	2.747	1.184	0.556	0.789	68.675
	Mathematical Processes and Tools	08	003009	4.483	1.982	0.605	1.246	56.037
Science	COMPLETE SUBTEST	40	002576	26.497	6.804	0.844	2.687	66.242
	Nature of Science	13	002576	9.309	2.481	0.650	1.468	71.607
	Life Sciences	09	002576	5.194	2.048	0.570	1.343	57.711
	Physical Sciences	09	002576	6.944	1.696	0.524	1.170	77.155
	Earth Sciences	09	002576	5.050	2.126	0.593	1.356	56.111

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 05 Spanish TAKS (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	003746	30.668	6.999	0.861	2.609	73.019
	Basic Understanding	13	003746	10.297	2.340	0.679	1.326	79.207
	Applying Knowledge of Literary Elements	08	003746	5.720	1.696	0.537	1.154	71.500
	Using Strategies to Analyze	08	003746	5.902	1.691	0.542	1.144	73.775
	Applying Critical-Thinking Skills	13	003746	8.749	2.585	0.636	1.560	67.300
Mathematics	COMPLETE SUBTEST	44	002809	27.811	9.115	0.906	2.795	63.206
	Numbers, Operations, and Quantitative Reasoning	11	002809	6.769	2.726	0.741	1.387	61.536
	Patterns, Relationships, and Algebraic Reasoning	07	002809	4.009	1.987	0.670	1.141	57.271
	Geometry and Spatial Reasoning	07	002809	5.233	1.490	0.525	1.027	74.757
	Concepts and Uses of Measurement	07	002809	4.639	1.778	0.621	1.095	66.271
	Probability and Statistics	04	002809	2.632	1.219	0.564	0.805	65.800
	Mathematical Processes and Tools	08	002809	4.530	2.004	0.610	1.251	56.625
Science	COMPLETE SUBTEST	40	002369	27.597	6.930	0.856	2.630	68.992
	Nature of Science	13	002369	9.322	2.553	0.677	1.451	71.707
	Life Sciences	09	002369	5.473	2.049	0.580	1.328	60.811
	Physical Sciences	09	002369	7.206	1.668	0.566	1.099	80.066
	Earth Sciences	09	002369	5.597	2.133	0.614	1.325	62.188

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 Spanish TAKS (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000998	29.309	7.990	0.889	2.662	69.783
	Basic Understanding	13	000998	9.325	2.686	0.706	1.456	71.730
	Applying Knowledge of Literary Elements	08	000998	5.681	1.902	0.646	1.132	71.012
	Using Strategies to Analyze	08	000998	5.231	1.855	0.568	1.219	65.387
	Applying Critical-Thinking Skills	13	000998	9.071	2.797	0.718	1.485	69.776
Mathematics	COMPLETE SUBTEST	46	000902	28.867	9.353	0.907	2.852	62.754
	Numbers, Operations, and Quantitative Reasoning	10	000902	5.961	2.738	0.774	1.302	59.610
	Patterns, Relationships, and Algebraic Reasoning	09	000902	6.060	2.279	0.713	1.221	67.333
	Geometry and Spatial Reasoning	07	000902	4.025	1.586	0.481	1.143	57.500
	Concepts and Uses of Measurement	05	000902	3.160	1.251	0.419	0.954	63.200
	Probability and Statistics	06	000902	4.153	1.482	0.592	0.947	69.216
	Mathematical Processes and Tools	09	000902	5.508	2.182	0.639	1.311	61.200

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 Spanish TAKS (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000521	30.553	7.413	0.877	2.600	72.745
	Basic Understanding	13	000521	9.549	2.590	0.694	1.433	73.453
	Applying Knowledge of Literary Elements	08	000521	6.065	1.725	0.605	1.084	75.812
	Using Strategies to Analyze	08	000521	5.476	1.719	0.510	1.203	68.450
	Applying Critical-Thinking Skills	13	000521	9.463	2.632	0.700	1.442	72.792
Mathematics	COMPLETE SUBTEST	46	000464	29.024	9.421	0.909	2.842	63.095
	Numbers, Operations, and Quantitative Reasoning	10	000464	5.998	2.741	0.774	1.303	59.980
	Patterns, Relationships, and Algebraic Reasoning	09	000464	6.119	2.302	0.727	1.203	67.988
	Geometry and Spatial Reasoning	07	000464	3.963	1.578	0.477	1.141	56.614
	Concepts and Uses of Measurement	05	000464	3.091	1.283	0.437	0.963	61.820
	Probability and Statistics	06	000464	4.248	1.430	0.565	0.943	70.800
	Mathematical Processes and Tools	09	000464	5.606	2.190	0.650	1.296	62.288

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 Spanish TAKS (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000474	27.987	8.345	0.893	2.730	66.635
	Basic Understanding	13	000474	9.093	2.764	0.713	1.481	69.946
	Applying Knowledge of Literary Elements	08	000474	5.276	1.985	0.648	1.178	65.950
	Using Strategies to Analyze	08	000474	4.966	1.956	0.604	1.231	62.075
	Applying Critical-Thinking Skills	13	000474	8.652	2.905	0.724	1.526	66.553
Mathematics	COMPLETE SUBTEST	46	000436	28.773	9.249	0.904	2.866	62.550
	Numbers, Operations, and Quantitative Reasoning	10	000436	5.940	2.731	0.776	1.293	59.400
	Patterns, Relationships, and Algebraic Reasoning	09	000436	6.009	2.255	0.701	1.233	66.766
	Geometry and Spatial Reasoning	07	000436	4.103	1.585	0.479	1.144	58.614
	Concepts and Uses of Measurement	05	000436	3.243	1.204	0.387	0.943	64.860
	Probability and Statistics	06	000436	4.062	1.528	0.615	0.948	67.700
	Mathematical Processes and Tools	09	000436	5.415	2.168	0.626	1.326	60.166

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 3 RPTE (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	56	084080	45.215	9.825	0.940	2.407	80.741
	Word Meaning	18	084080	15.232	2.834	0.802	1.261	84.622
	Supporting Ideas	12	084080	9.897	2.303	0.785	1.068	82.475
	Summarization	12	084080	9.498	2.380	0.772	1.136	79.150
	Analyzing and Evaluating	14	084080	10.588	3.122	0.826	1.302	75.628

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 3 RPTE (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	56	040248	46.167	9.318	0.937	2.339	82.441
	Word Meaning	18	040248	15.421	2.695	0.790	1.235	85.672
	Supporting Ideas	12	040248	10.069	2.174	0.772	1.038	83.908
	Summarization	12	040248	9.750	2.263	0.762	1.104	81.250
	Analyzing and Evaluating	14	040248	10.927	2.983	0.820	1.266	78.050

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 3 RPTE (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	56	043715	44.355	10.179	0.942	2.451	79.205
	Word Meaning	18	043715	15.062	2.942	0.808	1.289	83.677
	Supporting Ideas	12	043715	9.743	2.401	0.793	1.092	81.191
	Summarization	12	043715	9.269	2.458	0.775	1.166	77.241
	Analyzing and Evaluating	14	043715	10.280	3.212	0.826	1.340	73.428

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 4-5 RPTE (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	56	104967	46.244	8.767	0.929	2.336	82.578
	Word Meaning	18	104967	15.896	2.778	0.830	1.145	88.311
	Supporting Ideas	12	104967	9.683	2.236	0.737	1.147	80.691
	Summarization	12	104967	9.472	2.004	0.691	1.114	78.933
	Analyzing and Evaluating	14	104967	11.193	2.657	0.781	1.243	79.950

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 4-5 RPTE (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	56	049935	46.941	8.126	0.922	2.269	83.823
	Word Meaning	18	049935	16.037	2.598	0.816	1.114	89.094
	Supporting Ideas	12	049935	9.869	2.094	0.713	1.122	82.241
	Summarization	12	049935	9.676	1.868	0.665	1.081	80.633
	Analyzing and Evaluating	14	049935	11.359	2.483	0.757	1.224	81.135

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 4-5 RPTE (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	56	054939	45.620	9.257	0.934	2.378	81.464
	Word Meaning	18	054939	15.771	2.924	0.841	1.166	87.616
	Supporting Ideas	12	054939	9.516	2.344	0.752	1.167	79.300
	Summarization	12	054939	9.289	2.103	0.707	1.138	77.408
	Analyzing and Evaluating	14	054939	11.044	2.795	0.798	1.256	78.885

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 6-8 RPTE (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	57	090266	47.077	9.095	0.936	2.301	82.591
	Word Meaning	18	090266	15.614	2.780	0.818	1.186	86.744
	Supporting Ideas	12	090266	9.821	2.078	0.707	1.125	81.841
	Summarization	12	090266	9.901	2.059	0.751	1.027	82.508
	Analyzing and Evaluating	15	090266	11.741	3.066	0.837	1.238	78.273

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 6-8 RPTE (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	57	040335	47.944	8.486	0.930	2.245	84.112
	Word Meaning	18	040335	15.762	2.693	0.814	1.161	87.566
	Supporting Ideas	12	040335	10.036	1.910	0.672	1.094	83.633
	Summarization	12	040335	10.142	1.922	0.732	0.995	84.516
	Analyzing and Evaluating	15	040335	12.004	2.844	0.818	1.213	80.026

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 6-8 RPTE (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	57	049844	46.384	9.494	0.939	2.345	81.375
	Word Meaning	18	049844	15.498	2.839	0.821	1.201	86.100
	Supporting Ideas	12	049844	9.649	2.189	0.726	1.146	80.408
	Summarization	12	049844	9.708	2.142	0.759	1.052	80.900
	Analyzing and Evaluating	15	049844	11.530	3.217	0.847	1.258	76.866

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 9-12 RPTE (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	60	072763	47.761	9.794	0.941	2.379	79.601
	Word Meaning	18	072763	15.028	3.031	0.851	1.170	83.488
	Supporting Ideas	12	072763	9.748	2.086	0.791	0.954	81.233
	Summarization	12	072763	9.602	2.224	0.771	1.064	80.016
	Analyzing and Evaluating	18	072763	13.382	3.432	0.813	1.484	74.344

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 9-12 RPTE (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	60	032508	48.678	9.074	0.934	2.331	81.130
	Word Meaning	18	032508	15.203	2.930	0.847	1.146	84.461
	Supporting Ideas	12	032508	9.901	1.908	0.753	0.948	82.508
	Summarization	12	032508	9.866	2.074	0.752	1.033	82.216
	Analyzing and Evaluating	18	032508	13.708	3.155	0.785	1.463	76.155

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 9-12 RPTE (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	60	040175	47.038	10.263	0.944	2.429	78.396
	Word Meaning	18	040175	14.894	3.095	0.852	1.191	82.744
	Supporting Ideas	12	040175	9.627	2.210	0.812	0.958	80.225
	Summarization	12	040175	9.393	2.314	0.779	1.088	78.275
	Analyzing and Evaluating	18	040175	13.124	3.615	0.828	1.499	72.911

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

Instructional Level K SDAA II (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	003922	12.787	3.724	0.763	1.813	67.300
	Specific Sounds	06	003922	3.396	1.476	0.431	1.113	56.600
	Letter-Sound Knowledge	04	003922	3.346	0.965	0.565	0.636	83.650
	Important Words, Details, Events, and Ideas	09	003922	6.045	2.187	0.677	1.243	67.166
Mathematics	COMPLETE SUBTEST	22	003226	13.531	5.426	0.871	1.949	61.504
	Numbers, Operations, and Quantitative Reasoning	05	003226	2.822	1.581	0.648	0.938	56.440
	Patterns, Relationships, and Algebraic Reasoning	04	003226	2.182	1.206	0.439	0.903	54.550
	Geometric and Spatial Reasoning	05	003226	3.411	1.455	0.642	0.871	68.220
	Measurement	04	003226	2.416	1.175	0.485	0.843	60.400
	Probability and Statistics	04	003226	2.700	1.405	0.741	0.715	67.500

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

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

3 Multiple-choice and gridded items only

Instructional Level K SDAA II (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	001339	12.394	3.649	0.744	1.846	65.231
	Specific Sounds	06	001339	3.284	1.435	0.383	1.127	54.733
	Letter-Sound Knowledge	04	001339	3.334	0.963	0.555	0.642	83.350
	Important Words, Details, Events, and Ideas	09	001339	5.776	2.171	0.652	1.281	64.177
Mathematics	COMPLETE SUBTEST	22	001187	13.007	5.549	0.876	1.954	59.122
	Numbers, Operations, and Quantitative Reasoning	05	001187	2.709	1.581	0.648	0.938	54.180
	Patterns, Relationships, and Algebraic Reasoning	04	001187	2.104	1.186	0.403	0.916	52.600
	Geometric and Spatial Reasoning	05	001187	3.318	1.487	0.654	0.875	66.360
	Measurement	04	001187	2.340	1.198	0.513	0.836	58.500
	Probability and Statistics	04	001187	2.537	1.471	0.765	0.713	63.425

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

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

3 Multiple-choice and gridded items only

Instructional Level K SDAA II (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	002577	12.992	3.748	0.772	1.790	68.378
	Specific Sounds	06	002577	3.454	1.494	0.454	1.104	57.566
	Letter-Sound Knowledge	04	002577	3.353	0.967	0.573	0.632	83.825
	Important Words, Details, Events, and Ideas	09	002577	6.185	2.181	0.687	1.220	68.722
Mathematics	COMPLETE SUBTEST	22	002032	13.839	5.338	0.868	1.939	62.904
	Numbers, Operations, and Quantitative Reasoning	05	002032	2.888	1.578	0.648	0.936	57.760
	Patterns, Relationships, and Algebraic Reasoning	04	002032	2.229	1.216	0.459	0.894	55.725
	Geometric and Spatial Reasoning	05	002032	3.466	1.435	0.636	0.866	69.320
	Measurement	04	002032	2.461	1.161	0.471	0.844	61.525
	Probability and Statistics	04	002032	2.795	1.358	0.725	0.712	69.875

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

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

3 Multiple-choice and gridded items only

Instructional Level K SDAA II (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	000807	12.980	3.808	0.785	1.766	68.315
	Specific Sounds	06	000807	3.414	1.501	0.471	1.092	56.900
	Letter-Sound Knowledge	04	000807	3.390	0.965	0.610	0.603	84.750
	Important Words, Details, Events, and Ideas	09	000807	6.176	2.188	0.691	1.216	68.622
Mathematics	COMPLETE SUBTEST	22	000713	13.757	5.508	0.879	1.916	62.531
	Numbers, Operations, and Quantitative Reasoning	05	000713	2.948	1.604	0.675	0.914	58.960
	Patterns, Relationships, and Algebraic Reasoning	04	000713	2.144	1.161	0.378	0.916	53.600
	Geometric and Spatial Reasoning	05	000713	3.501	1.475	0.673	0.843	70.020
	Measurement	04	000713	2.403	1.175	0.501	0.830	60.075
	Probability and Statistics	04	000713	2.762	1.423	0.771	0.681	69.050

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

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

3 Multiple-choice and gridded items only

Instructional Level K SDAA II (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	000077	11.623	3.035	0.601	1.917	61.173
	Specific Sounds	06	000077	2.987	1.303	0.209	1.159	49.783
	Letter-Sound Knowledge	04	000077	3.377	0.889	0.487	0.637	84.425
	Important Words, Details, Events, and Ideas	09	000077	5.260	1.902	0.484	1.366	58.444
Mathematics	COMPLETE SUBTEST	22	000074	11.851	5.280	0.857	1.997	53.868
	Numbers, Operations, and Quantitative Reasoning	05	000074	2.135	1.538	0.621	0.947	42.700
	Patterns, Relationships, and Algebraic Reasoning	04	000074	2.122	1.097	0.299	0.918	53.050
	Geometric and Spatial Reasoning	05	000074	3.176	1.625	0.722	0.857	63.520
	Measurement	04	000074	2.014	1.129	0.411	0.866	50.350
	Probability and Statistics	04	000074	2.405	1.344	0.628	0.820	60.125

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

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

3 Multiple-choice and gridded items only

Instructional Level K SDAA II (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	002194	12.701	3.708	0.756	1.832	66.847
	Specific Sounds	06	002194	3.401	1.448	0.398	1.123	56.683
	Letter-Sound Knowledge	04	002194	3.295	0.984	0.546	0.663	82.375
	Important Words, Details, Events, and Ideas	09	002194	6.005	2.204	0.679	1.249	66.722
Mathematics	COMPLETE SUBTEST	22	001715	13.599	5.421	0.871	1.947	61.813
	Numbers, Operations, and Quantitative Reasoning	05	001715	2.834	1.567	0.639	0.942	56.680
	Patterns, Relationships, and Algebraic Reasoning	04	001715	2.204	1.228	0.469	0.895	55.100
	Geometric and Spatial Reasoning	05	001715	3.409	1.424	0.621	0.877	68.180
	Measurement	04	001715	2.452	1.184	0.495	0.841	61.300
	Probability and Statistics	04	001715	2.699	1.395	0.733	0.721	67.475

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

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

3 Multiple-choice and gridded items only

Instructional Level K SDAA II (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	000015	12.933	3.081	0.650	1.823	68.068
	Specific Sounds	06	000015	3.600	1.298	0.320	1.070	60.000
	Letter-Sound Knowledge	04	000015	3.200	1.082	0.605	0.680	80.000
	Important Words, Details, Events, and Ideas	09	000015	6.133	1.959	0.606	1.230	68.144
Mathematics	COMPLETE SUBTEST	22	000016	16.000	4.844	0.877	1.699	72.727
	Numbers, Operations, and Quantitative Reasoning	05	000016	3.313	1.662	0.771	0.795	66.260
	Patterns, Relationships, and Algebraic Reasoning	04	000016	2.625	1.204	0.629	0.733	65.625
	Geometric and Spatial Reasoning	05	000016	4.063	0.929	0.223	0.819	81.260
	Measurement	04	000016	2.813	1.167	0.703	0.636	70.325
	Probability and Statistics	04	000016	3.188	1.276	0.812	0.553	79.700

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

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

3 Multiple-choice and gridded items only

Instructional Level K SDAA II (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	000803	12.948	3.743	0.775	1.775	68.147
	Specific Sounds	06	000803	3.402	1.546	0.497	1.096	56.700
	Letter-Sound Knowledge	04	000803	3.443	0.918	0.593	0.586	86.075
	Important Words, Details, Events, and Ideas	09	000803	6.102	2.156	0.675	1.229	67.800
Mathematics	COMPLETE SUBTEST	22	000687	13.259	5.384	0.866	1.971	60.268
	Numbers, Operations, and Quantitative Reasoning	05	000687	2.722	1.581	0.646	0.941	54.440
	Patterns, Relationships, and Algebraic Reasoning	04	000687	2.162	1.209	0.441	0.904	54.050
	Geometric and Spatial Reasoning	05	000687	3.338	1.493	0.654	0.878	66.760
	Measurement	04	000687	2.381	1.151	0.451	0.853	59.525
	Probability and Statistics	04	000687	2.656	1.416	0.742	0.719	66.400

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

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

3 Multiple-choice and gridded items only

Instructional Level K SDAA II (Spring 2007) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	000053	1.189	1.331	0.416	1.017	6.257
	Specific Sounds	06	000053	0.509	0.775	0.304	0.647	8.483
	Letter-Sound Knowledge	04	000053	0.340	0.706	0.525	0.487	8.500
	Important Words, Details, Events, and Ideas	09	000053	0.340	0.677	0.336	0.552	3.777
Mathematics	COMPLETE SUBTEST	22	000556	5.090	1.909	0.025	1.885	23.136
	Numbers, Operations, and Quantitative Reasoning	05	000556	0.888	0.734	*****	******	17.760
	Patterns, Relationships, and Algebraic Reasoning	04	000556	0.995	0.763	*****	******	24.875
	Geometric and Spatial Reasoning	05	000556	1.424	1.102	0.208	0.981	28.480
	Measurement	04	000556	1.090	0.754	*****	******	27.250
	Probability and Statistics	04	000556	0.692	0.785	0.102	0.744	17.300

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

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

3 Multiple-choice and gridded items only

Instructional Level K SDAA II (Spring 2007) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	001347	9.013	1.820	*****	******	47.436
	Specific Sounds	06	001347	2.276	1.053	*****	******	37.933
	Letter-Sound Knowledge	04	001347	2.728	1.058	0.370	0.840	68.200
	Important Words, Details, Events, and Ideas	09	001347	4.010	1.469	0.005	1.465	44.555
Mathematics	COMPLETE SUBTEST	22	001113	11.108	2.010	*****	******	50.490
	Numbers, Operations, and Quantitative Reasoning	05	001113	2.093	1.098	0.010	1.092	41.860
	Patterns, Relationships, and Algebraic Reasoning	04	001113	1.727	0.940	*****	******	43.175
	Geometric and Spatial Reasoning	05	001113	3.070	1.179	0.261	1.014	61.400
	Measurement	04	001113	1.950	0.884	*****	******	48.750
	Probability and Statistics	04	001113	2.268	1.133	0.319	0.935	56.700

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

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

3 Multiple-choice and gridded items only

Instructional Level K SDAA II (Spring 2007) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	002522	15.046	2.055	0.362	1.641	79.189
	Specific Sounds	06	002522	4.055	1.228	0.229	1.078	67.583
	Letter-Sound Knowledge	04	002522	3.740	0.540	0.228	0.474	93.500
	Important Words, Details, Events, and Ideas	09	002522	7.252	1.386	0.355	1.113	80.577
Mathematics	COMPLETE SUBTEST	22	001557	18.277	2.152	0.407	1.657	83.077
	Numbers, Operations, and Quantitative Reasoning	05	001557	4.034	0.970	0.253	0.838	80.680
	Patterns, Relationships, and Algebraic Reasoning	04	001557	2.931	0.981	0.255	0.847	73.275
	Geometric and Spatial Reasoning	05	001557	4.365	0.746	0.214	0.661	87.300
	Measurement	04	001557	3.222	0.815	0.159	0.747	80.550
	Probability and Statistics	04	001557	3.726	0.573	0.297	0.480	93.150

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

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

3 Multiple-choice and gridded items only

Instructional Level 1 SDAA II (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	008567	14.625	3.690	0.711	1.984	63.586
	Specific Sounds	04	008567	2.702	1.107	0.418	0.845	67.550
	Decoding Strategies	04	008567	3.484	0.892	0.586	0.574	87.100
	Important Words, Details, Events, and Ideas (Oral)	06	008567	4.791	1.437	0.649	0.851	79.850
	Important Words, Details, Events, and Ideas (Written)	09	008567	3.648	1.787	0.376	1.412	40.533
Mathematics	COMPLETE SUBTEST	24	005598	17.059	4.402	0.802	1.959	71.079
	Numbers, Operations, and Quantitative Reasoning	07	005598	4.962	1.634	0.574	1.066	70.885
	Patterns, Relationships, and Algebraic Reasoning	05	005598	3.077	1.335	0.464	0.977	61.540
	Geometric and Spatial Reasoning	04	005598	3.615	0.772	0.557	0.514	90.375
	Measurement	04	005598	2.365	1.235	0.523	0.853	59.125
	Probability and Statistics	04	005598	3.039	1.129	0.572	0.739	75.975

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

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

3 Multiple-choice and gridded items only

Instructional Level 1 SDAA II (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	002723	14.441	3.747	0.715	2.000	62.786
	Specific Sounds	04	002723	2.574	1.128	0.414	0.863	64.350
	Decoding Strategies	04	002723	3.438	0.928	0.592	0.593	85.950
	Important Words, Details, Events, and Ideas (Oral)	06	002723	4.781	1.465	0.663	0.850	79.683
	Important Words, Details, Events, and Ideas (Written)	09	002723	3.647	1.755	0.353	1.412	40.522
Mathematics	COMPLETE SUBTEST	24	002046	16.633	4.469	0.803	1.984	69.304
	Numbers, Operations, and Quantitative Reasoning	07	002046	4.919	1.649	0.572	1.079	70.271
	Patterns, Relationships, and Algebraic Reasoning	05	002046	2.972	1.348	0.474	0.978	59.440
	Geometric and Spatial Reasoning	04	002046	3.587	0.788	0.541	0.534	89.675
	Measurement	04	002046	2.199	1.265	0.544	0.854	54.975
	Probability and Statistics	04	002046	2.956	1.161	0.572	0.760	73.900

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

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

3 Multiple-choice and gridded items only

Instructional Level 1 SDAA II (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	005830	14.710	3.661	0.708	1.978	63.956
	Specific Sounds	04	005830	2.761	1.092	0.414	0.836	69.025
	Decoding Strategies	04	005830	3.505	0.875	0.584	0.564	87.625
	Important Words, Details, Events, and Ideas (Oral)	06	005830	4.795	1.425	0.645	0.849	79.916
	Important Words, Details, Events, and Ideas (Written)	09	005830	3.648	1.801	0.386	1.411	40.533
Mathematics	COMPLETE SUBTEST	24	003539	17.302	4.347	0.801	1.939	72.091
	Numbers, Operations, and Quantitative Reasoning	07	003539	4.987	1.626	0.577	1.058	71.242
	Patterns, Relationships, and Algebraic Reasoning	05	003539	3.136	1.324	0.459	0.974	62.720
	Geometric and Spatial Reasoning	04	003539	3.631	0.763	0.566	0.503	90.775
	Measurement	04	003539	2.460	1.208	0.504	0.851	61.500
	Probability and Statistics	04	003539	3.088	1.108	0.571	0.726	77.200

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

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

3 Multiple-choice and gridded items only

Instructional Level 1 SDAA II (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	001865	14.851	3.672	0.721	1.940	64.569
	Specific Sounds	04	001865	2.813	1.075	0.423	0.817	70.325
	Decoding Strategies	04	001865	3.528	0.851	0.576	0.554	88.200
	Important Words, Details, Events, and Ideas (Oral)	06	001865	4.919	1.381	0.653	0.814	81.983
	Important Words, Details, Events, and Ideas (Written)	09	001865	3.591	1.872	0.445	1.395	39.900
Mathematics	COMPLETE SUBTEST	24	001359	17.397	4.216	0.791	1.927	72.487
	Numbers, Operations, and Quantitative Reasoning	07	001359	5.031	1.588	0.564	1.049	71.871
	Patterns, Relationships, and Algebraic Reasoning	05	001359	3.127	1.315	0.454	0.972	62.540
	Geometric and Spatial Reasoning	04	001359	3.685	0.700	0.544	0.473	92.125
	Measurement	04	001359	2.403	1.240	0.519	0.860	60.075
	Probability and Statistics	04	001359	3.152	1.040	0.512	0.727	78.800

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

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

3 Multiple-choice and gridded items only

Instructional Level 1 SDAA II (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	000090	13.367	3.967	0.732	2.054	58.117
	Specific Sounds	04	000090	2.433	1.142	0.387	0.894	60.825
	Decoding Strategies	04	000090	3.356	1.063	0.705	0.577	83.900
	Important Words, Details, Events, and Ideas (Oral)	06	000090	4.222	1.599	0.636	0.965	70.366
	Important Words, Details, Events, and Ideas (Written)	09	000090	3.356	1.624	0.249	1.407	37.288
Mathematics	COMPLETE SUBTEST	24	000066	15.333	3.816	0.694	2.111	63.887
	Numbers, Operations, and Quantitative Reasoning	07	000066	4.652	1.441	0.346	1.165	66.457
	Patterns, Relationships, and Algebraic Reasoning	05	000066	2.606	1.357	0.472	0.986	52.120
	Geometric and Spatial Reasoning	04	000066	3.333	0.865	0.365	0.689	83.325
	Measurement	04	000066	2.045	1.088	0.363	0.868	51.125
	Probability and Statistics	04	000066	2.697	1.336	0.685	0.750	67.425

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

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

3 Multiple-choice and gridded items only

Instructional Level 1 SDAA II (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	004515	14.495	3.647	0.697	2.008	63.021
	Specific Sounds	04	004515	2.615	1.107	0.389	0.865	65.375
	Decoding Strategies	04	004515	3.473	0.896	0.579	0.581	86.825
	Important Words, Details, Events, and Ideas (Oral)	06	004515	4.725	1.458	0.645	0.869	78.750
	Important Words, Details, Events, and Ideas (Written)	09	004515	3.683	1.738	0.334	1.418	40.922
Mathematics	COMPLETE SUBTEST	24	002770	17.084	4.415	0.804	1.955	71.183
	Numbers, Operations, and Quantitative Reasoning	07	002770	4.983	1.630	0.575	1.063	71.185
	Patterns, Relationships, and Algebraic Reasoning	05	002770	3.149	1.327	0.476	0.961	62.980
	Geometric and Spatial Reasoning	04	002770	3.586	0.794	0.554	0.530	89.650
	Measurement	04	002770	2.357	1.238	0.536	0.843	58.925
	Probability and Statistics	04	002770	3.009	1.139	0.570	0.747	75.225

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

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

3 Multiple-choice and gridded items only

Instructional Level 1 SDAA II (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	000038	14.447	3.804	0.754	1.887	62.813
	Specific Sounds	04	000038	2.500	1.225	0.560	0.813	62.500
	Decoding Strategies	04	000038	3.605	0.856	0.696	0.472	90.125
	Important Words, Details, Events, and Ideas (Oral)	06	000038	4.921	1.383	0.662	0.804	82.016
	Important Words, Details, Events, and Ideas (Written)	09	000038	3.421	1.588	0.250	1.375	38.011
Mathematics	COMPLETE SUBTEST	24	000025	17.920	4.152	0.813	1.795	74.666
	Numbers, Operations, and Quantitative Reasoning	07	000025	5.280	1.671	0.680	0.945	75.428
	Patterns, Relationships, and Algebraic Reasoning	05	000025	3.200	1.354	0.595	0.862	64.000
	Geometric and Spatial Reasoning	04	000025	3.800	0.409	*****	******	95.000
	Measurement	04	000025	2.320	1.282	0.564	0.847	58.000
	Probability and Statistics	04	000025	3.320	0.988	0.583	0.638	83.000

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

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

3 Multiple-choice and gridded items only

Instructional Level 1 SDAA II (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	002011	14.761	3.758	0.726	1.967	64.178
	Specific Sounds	04	002011	2.815	1.111	0.461	0.816	70.375
	Decoding Strategies	04	002011	3.473	0.914	0.605	0.574	86.825
	Important Words, Details, Events, and Ideas (Oral)	06	002011	4.847	1.418	0.656	0.832	80.783
	Important Words, Details, Events, and Ideas (Written)	09	002011	3.626	1.814	0.396	1.410	40.288
Mathematics	COMPLETE SUBTEST	24	001351	16.731	4.571	0.813	1.977	69.712
	Numbers, Operations, and Quantitative Reasoning	07	001351	4.859	1.700	0.598	1.078	69.414
	Patterns, Relationships, and Algebraic Reasoning	05	001351	2.902	1.359	0.453	1.005	58.040
	Geometric and Spatial Reasoning	04	001351	3.613	0.791	0.590	0.506	90.325
	Measurement	04	001351	2.360	1.230	0.517	0.855	59.000
	Probability and Statistics	04	001351	2.998	1.176	0.612	0.733	74.950

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

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

3 Multiple-choice and gridded items only

Instructional Level 1 SDAA II (Spring 2007) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	000337	5.941	1.355	*****	******	25.830
	Specific Sounds	04	000337	1.089	0.808	*****	******	27.225
	Decoding Strategies	04	000337	1.371	0.943	0.005	0.941	34.275
	Important Words, Details, Events, and Ideas (Oral)	06	000337	1.662	1.085	*****	******	27.700
	Important Words, Details, Events, and Ideas (Written)	09	000337	1.819	1.113	*****	******	20.211
Mathematics	COMPLETE SUBTEST	24	000205	6.771	1.938	*****	******	28.212
	Numbers, Operations, and Quantitative Reasoning	07	000205	1.902	1.116	*****	******	27.171
	Patterns, Relationships, and Algebraic Reasoning	05	000205	1.166	0.781	*****	******	23.320
	Geometric and Spatial Reasoning	04	000205	1.795	1.271	0.519	0.881	44.875
	Measurement	04	000205	0.888	0.887	0.260	0.763	22.200
	Probability and Statistics	04	000205	1.020	0.897	0.078	0.861	25.500

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

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

3 Multiple-choice and gridded items only

Instructional Level 1 SDAA II (Spring 2007) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	002609	11.129	1.647	*****	******	48.386
	Specific Sounds	04	002609	1.939	0.968	*****	******	48.475
	Decoding Strategies	04	002609	2.990	1.020	0.380	0.803	74.750
	Important Words, Details, Events, and Ideas (Oral)	06	002609	3.660	1.339	0.272	1.142	61.000
	Important Words, Details, Events, and Ideas (Written)	09	002609	2.540	1.263	*****	******	28.222
Mathematics	COMPLETE SUBTEST	24	001350	12.063	1.630	*****	******	50.262
	Numbers, Operations, and Quantitative Reasoning	07	001350	3.499	1.221	*****	******	49.985
	Patterns, Relationships, and Algebraic Reasoning	05	001350	1.923	0.972	*****	******	38.460
	Geometric and Spatial Reasoning	04	001350	3.181	0.930	0.335	0.758	79.525
	Measurement	04	001350	1.390	0.932	0.072	0.898	34.750
	Probability and Statistics	04	001350	2.070	1.080	0.195	0.969	51.750

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

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

3 Multiple-choice and gridded items only

Instructional Level 1 SDAA II (Spring 2007) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	005621	16.768	2.145	0.269	1.834	72.904
	Specific Sounds	04	005621	3.153	0.873	0.217	0.772	78.825
	Decoding Strategies	04	005621	3.840	0.412	0.141	0.382	96.000
	Important Words, Details, Events, and Ideas (Oral)	06	005621	5.504	0.747	0.247	0.648	91.733
	Important Words, Details, Events, and Ideas (Written)	09	005621	4.271	1.701	0.277	1.446	47.455
Mathematics	COMPLETE SUBTEST	24	004043	19.249	2.694	0.553	1.801	80.204
	Numbers, Operations, and Quantitative Reasoning	07	004043	5.606	1.237	0.381	0.973	80.085
	Patterns, Relationships, and Algebraic Reasoning	05	004043	3.560	1.122	0.303	0.937	71.200
	Geometric and Spatial Reasoning	04	004043	3.852	0.410	0.214	0.363	96.300
	Measurement	04	004043	2.766	1.093	0.412	0.838	69.150
	Probability and Statistics	04	004043	3.465	0.796	0.367	0.633	86.625

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

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

3 Multiple-choice and gridded items only

Instructional Level 2 SDAA II (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	017088	14.493	5.289	0.810	2.305	55.742
	Basic Understanding	12	017088	6.730	2.623	0.645	1.563	56.083
	Literary Elements	05	017088	2.972	1.405	0.502	0.991	59.440
	Analysis Using Reading Strategies	04	017088	2.216	1.204	0.441	0.900	55.400
	Analysis Using Critical-Thinking Skills	05	017088	2.576	1.332	0.397	1.034	51.520
Mathematics	COMPLETE SUBTEST	28	012251	19.626	5.314	0.834	2.165	70.092
	Numbers, Operations, and Quantitative Reasoning	07	012251	5.018	1.768	0.653	1.041	71.685
	Patterns, Relationships, and Algebraic Reasoning	05	012251	3.468	1.350	0.541	0.915	69.360
	Geometric and Spatial Reasoning	04	012251	3.002	0.964	0.383	0.757	75.050
	Measurement	04	012251	3.116	0.998	0.437	0.749	77.900
	Probability and Statistics	04	012251	2.796	1.099	0.442	0.821	69.900
	Mathematical Processes and Tools	04	012251	2.227	1.153	0.354	0.927	55.675
Writing	MULTIPLE-CHOICE ITEMS	21	010018	14.783	4.697	0.846	1.843	70.395
	Sentence Structure, Standard Usage, Approp. Word Choice	14	010018	9.586	3.393	0.798	1.525	68.471
	Punctuation, Capitalization, Spelling	07	010018	5.197	1.731	0.660	1.009	74.242
	ESSAY	04	010018	1.200	0.648	0.731	0.336	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 2 SDAA II (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	005433	14.791	5.143	0.800	2.300	56.888
	Basic Understanding	12	005433	6.876	2.550	0.626	1.559	57.300
	Literary Elements	05	005433	3.016	1.395	0.497	0.989	60.320
	Analysis Using Reading Strategies	04	005433	2.278	1.187	0.430	0.896	56.950
	Analysis Using Critical-Thinking Skills	05	005433	2.620	1.319	0.391	1.029	52.400
Mathematics	COMPLETE SUBTEST	28	004465	19.271	5.402	0.837	2.181	68.825
	Numbers, Operations, and Quantitative Reasoning	07	004465	4.989	1.769	0.656	1.038	71.271
	Patterns, Relationships, and Algebraic Reasoning	05	004465	3.315	1.382	0.539	0.938	66.300
	Geometric and Spatial Reasoning	04	004465	2.949	0.978	0.391	0.763	73.725
	Measurement	04	004465	3.026	1.045	0.463	0.766	75.650
	Probability and Statistics	04	004465	2.824	1.089	0.438	0.816	70.600
	Mathematical Processes and Tools	04	004465	2.169	1.157	0.358	0.927	54.225
Writing	MULTIPLE-CHOICE ITEMS	21	003163	15.088	4.619	0.846	1.813	71.847
	Sentence Structure, Standard Usage, Approp. Word Choice	14	003163	9.717	3.346	0.795	1.515	69.407
	Punctuation, Capitalization, Spelling	07	003163	5.371	1.663	0.652	0.981	76.728
	ESSAY	04	003163	1.290	0.657	0.705	0.357	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 2 SDAA II (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	011583	14.352	5.347	0.814	2.306	55.200
	Basic Understanding	12	011583	6.660	2.651	0.652	1.564	55.500
	Literary Elements	05	011583	2.950	1.410	0.505	0.992	59.000
	Analysis Using Reading Strategies	04	011583	2.187	1.210	0.444	0.902	54.675
	Analysis Using Critical-Thinking Skills	05	011583	2.556	1.338	0.400	1.036	51.120
Mathematics	COMPLETE SUBTEST	28	007744	19.829	5.250	0.832	2.152	70.817
	Numbers, Operations, and Quantitative Reasoning	07	007744	5.033	1.767	0.652	1.042	71.900
	Patterns, Relationships, and Algebraic Reasoning	05	007744	3.556	1.322	0.537	0.900	71.120
	Geometric and Spatial Reasoning	04	007744	3.032	0.954	0.379	0.752	75.800
	Measurement	04	007744	3.167	0.966	0.417	0.738	79.175
	Probability and Statistics	04	007744	2.781	1.105	0.446	0.822	69.525
	Mathematical Processes and Tools	04	007744	2.261	1.149	0.350	0.926	56.525
Writing	MULTIPLE-CHOICE ITEMS	21	006840	14.647	4.726	0.846	1.855	69.747
	Sentence Structure, Standard Usage, Approp. Word Choice	14	006840	9.529	3.415	0.800	1.527	68.064
	Punctuation, Capitalization, Spelling	07	006840	5.118	1.756	0.661	1.022	73.114
	ESSAY	04	006840	1.159	0.640	0.740	0.326	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 2 SDAA II (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	003909	14.625	5.332	0.815	2.293	56.250
	Basic Understanding	12	003909	6.820	2.635	0.650	1.559	56.833
	Literary Elements	05	003909	2.992	1.421	0.523	0.981	59.840
	Analysis Using Reading Strategies	04	003909	2.243	1.205	0.444	0.899	56.075
	Analysis Using Critical-Thinking Skills	05	003909	2.570	1.348	0.417	1.029	51.400
Mathematics	COMPLETE SUBTEST	28	002986	19.735	5.296	0.834	2.158	70.482
	Numbers, Operations, and Quantitative Reasoning	07	002986	4.944	1.762	0.641	1.056	70.628
	Patterns, Relationships, and Algebraic Reasoning	05	002986	3.518	1.335	0.538	0.907	70.360
	Geometric and Spatial Reasoning	04	002986	3.015	0.946	0.364	0.754	75.375
	Measurement	04	002986	3.146	0.999	0.458	0.735	78.650
	Probability and Statistics	04	002986	2.797	1.101	0.449	0.817	69.925
	Mathematical Processes and Tools	04	002986	2.315	1.152	0.366	0.917	57.875
Writing	MULTIPLE-CHOICE ITEMS	21	002195	14.399	4.801	0.848	1.872	68.566
	Sentence Structure, Standard Usage, Approp. Word Choice	14	002195	9.342	3.435	0.797	1.548	66.728
	Punctuation, Capitalization, Spelling	07	002195	5.057	1.796	0.673	1.027	72.242
	ESSAY	04	002195	1.160	0.640	0.737	0.328	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 2 SDAA II (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	000195	14.867	4.611	0.748	2.315	57.180
	Basic Understanding	12	000195	7.021	2.366	0.577	1.539	58.508
	Literary Elements	05	000195	2.954	1.348	0.423	1.024	59.080
	Analysis Using Reading Strategies	04	000195	2.308	1.116	0.305	0.930	57.700
	Analysis Using Critical-Thinking Skills	05	000195	2.585	1.221	0.265	1.047	51.700
Mathematics	COMPLETE SUBTEST	28	000173	18.832	5.342	0.829	2.209	67.257
	Numbers, Operations, and Quantitative Reasoning	07	000173	4.890	1.793	0.650	1.061	69.857
	Patterns, Relationships, and Algebraic Reasoning	05	000173	3.520	1.228	0.424	0.932	70.400
	Geometric and Spatial Reasoning	04	000173	2.618	1.086	0.443	0.811	65.450
	Measurement	04	000173	3.023	0.994	0.370	0.789	75.575
	Probability and Statistics	04	000173	2.751	1.137	0.488	0.814	68.775
	Mathematical Processes and Tools	04	000173	2.029	1.148	0.345	0.929	50.725
Writing	MULTIPLE-CHOICE ITEMS	21	000123	15.780	4.491	0.852	1.728	75.142
	Sentence Structure, Standard Usage, Approp. Word Choice	14	000123	10.195	3.192	0.792	1.456	72.821
	Punctuation, Capitalization, Spelling	07	000123	5.585	1.722	0.732	0.891	79.785
	ESSAY	04	000123	1.333	0.674	0.655	0.396	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 2 SDAA II (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	008329	14.250	5.244	0.806	2.310	54.807
	Basic Understanding	12	008329	6.592	2.611	0.638	1.571	54.933
	Literary Elements	05	008329	2.915	1.402	0.492	0.999	58.300
	Analysis Using Reading Strategies	04	008329	2.193	1.211	0.450	0.898	54.825
	Analysis Using Critical-Thinking Skills	05	008329	2.549	1.314	0.375	1.039	50.980
Mathematics	COMPLETE SUBTEST	28	005721	19.579	5.215	0.828	2.163	69.925
	Numbers, Operations, and Quantitative Reasoning	07	005721	5.106	1.738	0.656	1.019	72.942
	Patterns, Relationships, and Algebraic Reasoning	05	005721	3.479	1.341	0.535	0.914	69.580
	Geometric and Spatial Reasoning	04	005721	2.998	0.963	0.378	0.759	74.950
	Measurement	04	005721	3.093	0.983	0.413	0.753	77.325
	Probability and Statistics	04	005721	2.765	1.091	0.417	0.833	69.125
	Mathematical Processes and Tools	04	005721	2.139	1.144	0.333	0.934	53.475
Writing	MULTIPLE-CHOICE ITEMS	21	004640	14.593	4.603	0.836	1.864	69.490
	Sentence Structure, Standard Usage, Approp. Word Choice	14	004640	9.365	3.339	0.783	1.555	66.892
	Punctuation, Capitalization, Spelling	07	004640	5.228	1.707	0.651	1.008	74.685
	ESSAY	04	004640	1.206	0.642	0.719	0.340	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 2 SDAA II (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	000063	13.730	5.310	0.811	2.308	52.807
	Basic Understanding	12	000063	6.095	2.810	0.700	1.539	50.791
	Literary Elements	05	000063	2.905	1.542	0.616	0.956	58.100
	Analysis Using Reading Strategies	04	000063	2.238	1.118	0.313	0.927	55.950
	Analysis Using Critical-Thinking Skills	05	000063	2.492	1.203	0.193	1.081	49.840
Mathematics	COMPLETE SUBTEST	28	000039	19.590	6.624	0.907	2.020	69.964
	Numbers, Operations, and Quantitative Reasoning	07	000039	4.641	2.121	0.774	1.008	66.300
	Patterns, Relationships, and Algebraic Reasoning	05	000039	3.564	1.429	0.637	0.861	71.280
	Geometric and Spatial Reasoning	04	000039	3.077	0.957	0.407	0.737	76.925
	Measurement	04	000039	3.231	1.134	0.717	0.603	80.775
	Probability and Statistics	04	000039	2.795	1.151	0.526	0.792	69.875
	Mathematical Processes and Tools	04	000039	2.282	1.191	0.443	0.889	57.050
Writing	MULTIPLE-CHOICE ITEMS	21	000055	15.636	4.061	0.808	1.779	74.457
	Sentence Structure, Standard Usage, Approp. Word Choice	14	000055	10.018	3.034	0.756	1.499	71.557
	Punctuation, Capitalization, Spelling	07	000055	5.618	1.434	0.565	0.946	80.257
	ESSAY	04	000055	1.236	0.637	0.701	0.348	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 2 SDAA II (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	004504	14.802	5.342	0.817	2.285	56.930
	Basic Understanding	12	004504	6.892	2.631	0.652	1.552	57.433
	Literary Elements	05	004504	3.052	1.393	0.504	0.981	61.040
	Analysis Using Reading Strategies	04	004504	2.228	1.195	0.431	0.901	55.700
	Analysis Using Critical-Thinking Skills	05	004504	2.630	1.358	0.428	1.027	52.600
Mathematics	COMPLETE SUBTEST	28	003249	19.623	5.474	0.845	2.155	70.082
	Numbers, Operations, and Quantitative Reasoning	07	003249	4.933	1.811	0.658	1.059	70.471
	Patterns, Relationships, and Algebraic Reasoning	05	003249	3.390	1.381	0.554	0.922	67.800
	Geometric and Spatial Reasoning	04	003249	3.010	0.972	0.419	0.741	75.250
	Measurement	04	003249	3.131	1.020	0.479	0.736	78.275
	Probability and Statistics	04	003249	2.855	1.108	0.479	0.800	71.375
	Mathematical Processes and Tools	04	003249	2.304	1.155	0.363	0.922	57.600
Writing	MULTIPLE-CHOICE ITEMS	21	002990	15.305	4.734	0.859	1.778	72.880
	Sentence Structure, Standard Usage, Approp. Word Choice	14	002990	10.078	3.407	0.817	1.457	71.985
	Punctuation, Capitalization, Spelling	07	002990	5.227	1.720	0.659	1.004	74.671
	ESSAY	04	002990	1.216	0.661	0.748	0.332	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 2 SDAA II (Spring 2007) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	004533	8.081	1.749	*****	******	31.080
	Basic Understanding	12	004533	3.810	1.412	*****	******	31.750
	Literary Elements	05	004533	1.627	1.005	*****	******	32.540
	Analysis Using Reading Strategies	04	004533	1.166	0.898	*****	******	29.150
	Analysis Using Critical-Thinking Skills	05	004533	1.478	0.965	*****	******	29.560
Mathematics	COMPLETE SUBTEST	28	000795	8.531	1.720	*****	******	30.467
	Numbers, Operations, and Quantitative Reasoning	07	000795	1.898	1.136	*****	******	27.114
	Patterns, Relationships, and Algebraic Reasoning	05	000795	1.397	0.939	*****	******	27.940
	Geometric and Spatial Reasoning	04	000795	1.436	0.940	0.134	0.875	35.900
	Measurement	04	000795	1.530	0.938	*****	******	38.250
	Probability and Statistics	04	000795	1.224	0.871	*****	******	30.600
	Mathematical Processes and Tools	04	000795	1.045	0.880	0.009	0.876	26.125
Writing	MULTIPLE-CHOICE ITEMS	21	007142	13.425	4.699	0.825	1.966	63.928
	Sentence Structure, Standard Usage, Approp. Word Choice	14	007142	8.658	3.411	0.775	1.618	61.842
	Punctuation, Capitalization, Spelling	07	007142	4.767	1.779	0.623	1.092	68.100
	ESSAY	04	007142	0.852	0.375	0.673	0.214	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 2 SDAA II (Spring 2007) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	005478	12.900	1.392	*****	******	49.615
	Basic Understanding	12	005478	6.083	1.380	*****	******	50.691
	Literary Elements	05	005478	2.657	1.045	*****	******	53.140
	Analysis Using Reading Strategies	04	005478	1.922	0.949	*****	******	48.050
	Analysis Using Critical-Thinking Skills	05	005478	2.239	1.016	*****	******	44.780
Mathematics	COMPLETE SUBTEST	28	004582	15.615	2.506	*****	******	55.767
	Numbers, Operations, and Quantitative Reasoning	07	004582	3.908	1.433	0.230	1.257	55.828
	Patterns, Relationships, and Algebraic Reasoning	05	004582	2.647	1.117	0.058	1.084	52.940
	Geometric and Spatial Reasoning	04	004582	2.549	0.871	*****	******	63.725
	Measurement	04	004582	2.702	0.988	0.183	0.893	67.550
	Probability and Statistics	04	004582	2.199	0.995	0.051	0.969	54.975
	Mathematical Processes and Tools	04	004582	1.610	0.956	*****	******	40.250
Writing	MULTIPLE-CHOICE ITEMS	21	002700	18.059	2.493	0.637	1.502	85.995
	Sentence Structure, Standard Usage, Approp. Word Choice	14	002700	11.819	1.966	0.580	1.274	84.421
	Punctuation, Capitalization, Spelling	07	002700	6.240	1.007	0.412	0.772	89.142
	ESSAY	04	002700	2.001	0.032	0.133	0.034	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 2 SDAA II (Spring 2007) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	007077	19.834	2.693	0.417	2.056	76.284
	Basic Understanding	12	007077	9.100	1.568	0.206	1.397	75.833
	Literary Elements	05	007077	4.077	0.903	0.146	0.834	81.540
	Analysis Using Reading Strategies	04	007077	3.115	0.841	0.085	0.804	77.875
	Analysis Using Critical-Thinking Skills	05	007077	3.541	1.049	0.154	0.965	70.820
Mathematics	COMPLETE SUBTEST	28	006874	23.582	2.277	0.349	1.837	84.221
	Numbers, Operations, and Quantitative Reasoning	07	006874	6.118	0.946	0.216	0.838	87.400
	Patterns, Relationships, and Algebraic Reasoning	05	006874	4.256	0.865	0.227	0.761	85.120
	Geometric and Spatial Reasoning	04	006874	3.485	0.629	0.007	0.627	87.125
	Measurement	04	006874	3.574	0.639	0.141	0.592	89.350
	Probability and Statistics	04	006874	3.375	0.740	0.137	0.687	84.375
	Mathematical Processes and Tools	04	006874	2.774	0.978	0.153	0.900	69.350
Writing	MULTIPLE-CHOICE ITEMS	21	000176	19.602	1.369	0.347	1.106	93.342
	Sentence Structure, Standard Usage, Approp. Word Choice	14	000176	12.983	1.098	0.272	0.937	92.735
	Punctuation, Capitalization, Spelling	07	000176	6.619	0.657	0.208	0.585	94.557
	ESSAY	04	000176	3.040	0.195	0.041	0.199	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 3 SDAA II (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	028450	15.201	6.227	0.843	2.467	50.670
	Basic Understanding	12	028450	6.408	2.783	0.688	1.554	53.400
	Literary Elements	06	028450	3.313	1.634	0.558	1.086	55.216
	Analysis Using Reading Strategies	05	028450	2.372	1.419	0.505	0.998	47.440
	Analysis Using Critical-Thinking Skills	07	028450	3.108	1.700	0.481	1.225	44.400
Mathematics	COMPLETE SUBTEST	34	025198	18.569	6.807	0.856	2.583	54.614
	Numbers, Operations, and Quantitative Reasoning	08	025198	3.911	2.064	0.631	1.254	48.887
	Patterns, Relationships, and Algebraic Reasoning	05	025198	2.518	1.329	0.431	1.002	50.360
	Geometric and Spatial Reasoning	05	025198	3.174	1.329	0.451	0.985	63.480
	Measurement	05	025198	3.466	1.351	0.527	0.929	69.320
	Probability and Statistics	04	025198	2.369	1.235	0.541	0.837	59.225
	Mathematical Processes and Tools	07	025198	3.132	1.653	0.456	1.219	44.742
Writing	MULTIPLE-CHOICE ITEMS	24	022352	14.026	5.211	0.829	2.155	58.441
	Organization	04	022352	2.486	1.288	0.596	0.819	62.150
	Sentence Structure	06	022352	3.283	1.696	0.592	1.083	54.716
	Standard Usage/Word Choice	07	022352	4.113	1.816	0.586	1.168	58.757
	Punctuation, Capitalization, Spelling	07	022352	4.144	1.781	0.593	1.136	59.200
	ESSAY	04	022352	1.420	0.619	0.707	0.335	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 3 SDAA II (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	009228	15.512	6.149	0.840	2.460	51.706
	Basic Understanding	12	009228	6.539	2.735	0.681	1.545	54.491
	Literary Elements	06	009228	3.407	1.613	0.555	1.076	56.783
	Analysis Using Reading Strategies	05	009228	2.398	1.397	0.484	1.004	47.960
	Analysis Using Critical-Thinking Skills	07	009228	3.168	1.708	0.486	1.225	45.257
Mathematics	COMPLETE SUBTEST	34	008883	18.115	6.626	0.848	2.583	53.279
	Numbers, Operations, and Quantitative Reasoning	08	008883	3.793	1.974	0.597	1.253	47.412
	Patterns, Relationships, and Algebraic Reasoning	05	008883	2.428	1.293	0.395	1.006	48.560
	Geometric and Spatial Reasoning	05	008883	3.128	1.310	0.435	0.985	62.560
	Measurement	05	008883	3.333	1.371	0.525	0.945	66.660
	Probability and Statistics	04	008883	2.347	1.235	0.537	0.840	58.675
	Mathematical Processes and Tools	07	008883	3.087	1.637	0.443	1.222	44.100
Writing	MULTIPLE-CHOICE ITEMS	24	007313	14.449	5.024	0.818	2.143	60.204
	Organization	04	007313	2.556	1.247	0.562	0.825	63.900
	Sentence Structure	06	007313	3.363	1.678	0.582	1.085	56.050
	Standard Usage/Word Choice	07	007313	4.130	1.783	0.570	1.169	59.000
	Punctuation, Capitalization, Spelling	07	007313	4.399	1.719	0.580	1.114	62.842
	ESSAY	04	007313	1.506	0.610	0.677	0.347	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 3 SDAA II (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	019132	15.051	6.259	0.844	2.472	50.170
	Basic Understanding	12	019132	6.346	2.805	0.693	1.554	52.883
	Literary Elements	06	019132	3.267	1.642	0.559	1.090	54.450
	Analysis Using Reading Strategies	05	019132	2.359	1.430	0.515	0.996	47.180
	Analysis Using Critical-Thinking Skills	07	019132	3.079	1.695	0.479	1.223	43.985
Mathematics	COMPLETE SUBTEST	34	016204	18.806	6.894	0.861	2.570	55.311
	Numbers, Operations, and Quantitative Reasoning	08	016204	3.972	2.111	0.649	1.251	49.650
	Patterns, Relationships, and Algebraic Reasoning	05	016204	2.565	1.346	0.448	1.000	51.300
	Geometric and Spatial Reasoning	05	016204	3.197	1.338	0.461	0.982	63.940
	Measurement	05	016204	3.537	1.335	0.528	0.917	70.740
	Probability and Statistics	04	016204	2.380	1.234	0.543	0.834	59.500
	Mathematical Processes and Tools	07	016204	3.153	1.661	0.464	1.216	45.042
Writing	MULTIPLE-CHOICE ITEMS	24	015006	13.822	5.287	0.833	2.161	57.591
	Organization	04	015006	2.452	1.306	0.609	0.817	61.300
	Sentence Structure	06	015006	3.245	1.702	0.596	1.082	54.083
	Standard Usage/Word Choice	07	015006	4.104	1.832	0.593	1.169	58.628
	Punctuation, Capitalization, Spelling	07	015006	4.021	1.797	0.593	1.146	57.442
	ESSAY	04	015006	1.379	0.618	0.717	0.329	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 3 SDAA II (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	006414	14.897	6.128	0.837	2.474	49.656
	Basic Understanding	12	006414	6.292	2.768	0.684	1.556	52.433
	Literary Elements	06	006414	3.238	1.608	0.535	1.097	53.966
	Analysis Using Reading Strategies	05	006414	2.310	1.381	0.472	1.003	46.200
	Analysis Using Critical-Thinking Skills	07	006414	3.057	1.686	0.470	1.227	43.671
Mathematics	COMPLETE SUBTEST	34	005995	17.643	6.735	0.850	2.608	51.891
	Numbers, Operations, and Quantitative Reasoning	08	005995	3.648	2.023	0.611	1.262	45.600
	Patterns, Relationships, and Algebraic Reasoning	05	005995	2.441	1.308	0.406	1.008	48.820
	Geometric and Spatial Reasoning	05	005995	2.996	1.319	0.409	1.014	59.920
	Measurement	05	005995	3.298	1.385	0.524	0.956	65.960
	Probability and Statistics	04	005995	2.206	1.232	0.521	0.853	55.150
	Mathematical Processes and Tools	07	005995	3.053	1.644	0.450	1.219	43.614
Writing	MULTIPLE-CHOICE ITEMS	24	004921	13.614	5.205	0.825	2.177	56.725
	Organization	04	004921	2.370	1.300	0.589	0.833	59.250
	Sentence Structure	06	004921	3.160	1.690	0.584	1.090	52.666
	Standard Usage/Word Choice	07	004921	3.919	1.797	0.559	1.193	55.985
	Punctuation, Capitalization, Spelling	07	004921	4.165	1.801	0.600	1.139	59.500
	ESSAY	04	004921	1.374	0.612	0.708	0.331	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 3 SDAA II (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	000358	15.763	5.697	0.810	2.483	52.543
	Basic Understanding	12	000358	6.746	2.593	0.635	1.567	56.216
	Literary Elements	06	000358	3.464	1.460	0.418	1.114	57.733
	Analysis Using Reading Strategies	05	000358	2.494	1.388	0.477	1.004	49.880
	Analysis Using Critical-Thinking Skills	07	000358	3.059	1.660	0.462	1.218	43.700
Mathematics	COMPLETE SUBTEST	34	000270	18.026	7.051	0.869	2.552	53.017
	Numbers, Operations, and Quantitative Reasoning	08	000270	3.737	2.149	0.679	1.218	46.712
	Patterns, Relationships, and Algebraic Reasoning	05	000270	2.541	1.356	0.471	0.986	50.820
	Geometric and Spatial Reasoning	05	000270	3.033	1.431	0.547	0.963	60.660
	Measurement	05	000270	3.452	1.434	0.603	0.904	69.040
	Probability and Statistics	04	000270	2.252	1.295	0.610	0.809	56.300
	Mathematical Processes and Tools	07	000270	3.011	1.651	0.467	1.205	43.014
Writing	MULTIPLE-CHOICE ITEMS	24	000214	14.874	5.418	0.852	2.084	61.975
	Organization	04	000214	2.439	1.337	0.644	0.798	60.975
	Sentence Structure	06	000214	3.547	1.740	0.635	1.051	59.116
	Standard Usage/Word Choice	07	000214	4.206	1.819	0.601	1.149	60.085
	Punctuation, Capitalization, Spelling	07	000214	4.682	1.872	0.690	1.042	66.885
	ESSAY	04	000214	1.430	0.673	0.766	0.326	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 3 SDAA II (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	013136	14.831	6.095	0.834	2.483	49.436
	Basic Understanding	12	013136	6.223	2.728	0.671	1.565	51.858
	Literary Elements	06	013136	3.265	1.633	0.556	1.088	54.416
	Analysis Using Reading Strategies	05	013136	2.322	1.409	0.494	1.002	46.440
	Analysis Using Critical-Thinking Skills	07	013136	3.022	1.662	0.453	1.229	43.171
Mathematics	COMPLETE SUBTEST	34	011358	18.605	6.670	0.851	2.575	54.720
	Numbers, Operations, and Quantitative Reasoning	08	011358	3.916	2.035	0.620	1.254	48.950
	Patterns, Relationships, and Algebraic Reasoning	05	011358	2.509	1.313	0.419	1.001	50.180
	Geometric and Spatial Reasoning	05	011358	3.213	1.314	0.443	0.981	64.260
	Measurement	05	011358	3.561	1.328	0.528	0.912	71.220
	Probability and Statistics	04	011358	2.356	1.221	0.532	0.835	58.900
	Mathematical Processes and Tools	07	011358	3.050	1.640	0.448	1.218	43.571
Writing	MULTIPLE-CHOICE ITEMS	24	009792	13.470	5.087	0.817	2.176	56.125
	Organization	04	009792	2.423	1.277	0.574	0.833	60.575
	Sentence Structure	06	009792	3.114	1.666	0.567	1.096	51.900
	Standard Usage/Word Choice	07	009792	3.938	1.784	0.557	1.187	56.257
	Punctuation, Capitalization, Spelling	07	009792	3.994	1.775	0.585	1.143	57.057
	ESSAY	04	009792	1.402	0.610	0.698	0.335	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 3 SDAA II (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	000125	16.576	6.559	0.865	2.410	55.253
	Basic Understanding	12	000125	7.008	2.996	0.751	1.495	58.400
	Literary Elements	06	000125	3.536	1.619	0.569	1.063	58.933
	Analysis Using Reading Strategies	05	000125	2.544	1.462	0.558	0.972	50.880
	Analysis Using Critical-Thinking Skills	07	000125	3.488	1.730	0.507	1.215	49.828
Mathematics	COMPLETE SUBTEST	34	000101	19.356	6.388	0.837	2.579	56.929
	Numbers, Operations, and Quantitative Reasoning	08	000101	4.069	2.137	0.673	1.222	50.862
	Patterns, Relationships, and Algebraic Reasoning	05	000101	2.653	1.330	0.434	1.001	53.060
	Geometric and Spatial Reasoning	05	000101	3.277	1.357	0.508	0.952	65.540
	Measurement	05	000101	3.505	1.285	0.485	0.922	70.100
	Probability and Statistics	04	000101	2.406	1.202	0.502	0.848	60.150
	Mathematical Processes and Tools	07	000101	3.446	1.723	0.521	1.192	49.228
Writing	MULTIPLE-CHOICE ITEMS	24	000093	14.946	5.220	0.837	2.107	62.275
	Organization	04	000093	2.570	1.289	0.611	0.804	64.250
	Sentence Structure	06	000093	3.484	1.755	0.644	1.047	58.066
	Standard Usage/Word Choice	07	000093	4.505	1.698	0.537	1.155	64.357
	Punctuation, Capitalization, Spelling	07	000093	4.387	1.757	0.594	1.120	62.671
	ESSAY	04	000093	1.527	0.601	0.762	0.293	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 3 SDAA II (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	008261	15.985	6.453	0.857	2.440	53.283
	Basic Understanding	12	008261	6.771	2.851	0.713	1.527	56.425
	Literary Elements	06	008261	3.437	1.655	0.579	1.074	57.283
	Analysis Using Reading Strategies	05	008261	2.493	1.460	0.542	0.988	49.860
	Analysis Using Critical-Thinking Skills	07	008261	3.284	1.758	0.522	1.215	46.914
Mathematics	COMPLETE SUBTEST	34	007322	19.260	6.981	0.866	2.555	56.647
	Numbers, Operations, and Quantitative Reasoning	08	007322	4.117	2.112	0.653	1.244	51.462
	Patterns, Relationships, and Algebraic Reasoning	05	007322	2.588	1.365	0.463	1.000	51.760
	Geometric and Spatial Reasoning	05	007322	3.261	1.340	0.488	0.959	65.220
	Measurement	05	007322	3.454	1.345	0.520	0.932	69.080
	Probability and Statistics	04	007322	2.523	1.238	0.561	0.820	63.075
	Mathematical Processes and Tools	07	007322	3.316	1.662	0.465	1.216	47.371
Writing	MULTIPLE-CHOICE ITEMS	24	007288	15.023	5.226	0.838	2.103	62.595
	Organization	04	007288	2.652	1.277	0.618	0.789	66.300
	Sentence Structure	06	007288	3.585	1.695	0.610	1.059	59.750
	Standard Usage/Word Choice	07	007288	4.471	1.821	0.619	1.124	63.871
	Punctuation, Capitalization, Spelling	07	007288	4.314	1.754	0.586	1.129	61.628
	ESSAY	04	007288	1.476	0.629	0.712	0.338	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 3 SDAA II (Spring 2007) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	006053	7.304	1.598	*****	******	24.346
	Basic Understanding	12	006053	3.105	1.345	*****	******	25.875
	Literary Elements	06	006053	1.507	0.997	*****	******	25.116
	Analysis Using Reading Strategies	05	006053	1.122	0.893	*****	******	22.440
	Analysis Using Critical-Thinking Skills	07	006053	1.569	1.022	*****	******	22.414
Mathematics	COMPLETE SUBTEST	34	002602	7.439	1.632	*****	******	21.879
	Numbers, Operations, and Quantitative Reasoning	08	002602	1.404	1.010	*****	******	17.550
	Patterns, Relationships, and Algebraic Reasoning	05	002602	1.090	0.869	*****	******	21.800
	Geometric and Spatial Reasoning	05	002602	1.382	0.982	*****	******	27.640
	Measurement	05	002602	1.398	1.012	0.036	0.994	27.960
	Probability and Statistics	04	002602	0.871	0.763	*****	******	21.775
	Mathematical Processes and Tools	07	002602	1.294	0.974	*****	******	18.485
Writing	MULTIPLE-CHOICE ITEMS	24	013796	11.636	4.797	0.782	2.240	48.483
	Organization	04	013796	2.048	1.281	0.540	0.869	51.200
	Sentence Structure	06	013796	2.659	1.597	0.520	1.106	44.316
	Standard Usage/Word Choice	07	013796	3.437	1.731	0.502	1.222	49.100
	Punctuation, Capitalization, Spelling	07	013796	3.492	1.743	0.539	1.183	49.885
	ESSAY	04	013796	1.016	0.386	0.546	0.260	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 3 SDAA II (Spring 2007) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	015842	14.563	3.150	0.304	2.628	48.543
	Basic Understanding	12	015842	6.245	1.845	0.190	1.660	52.041
	Literary Elements	06	015842	3.278	1.265	0.156	1.162	54.633
	Analysis Using Reading Strategies	05	015842	2.160	1.097	0.061	1.063	43.200
	Analysis Using Critical-Thinking Skills	07	015842	2.880	1.276	*****	******	41.142
Mathematics	COMPLETE SUBTEST	34	016915	17.199	4.214	0.586	2.711	50.585
	Numbers, Operations, and Quantitative Reasoning	08	016915	3.446	1.554	0.279	1.320	43.075
	Patterns, Relationships, and Algebraic Reasoning	05	016915	2.276	1.110	0.120	1.041	45.520
	Geometric and Spatial Reasoning	05	016915	3.056	1.151	0.171	1.048	61.120
	Measurement	05	016915	3.420	1.172	0.279	0.995	68.400
	Probability and Statistics	04	016915	2.187	1.085	0.311	0.901	54.675
	Mathematical Processes and Tools	07	016915	2.814	1.340	0.117	1.259	40.200
Writing	MULTIPLE-CHOICE ITEMS	24	008197	17.716	3.083	0.571	2.019	73.816
	Organization	04	008197	3.168	0.946	0.389	0.739	79.200
	Sentence Structure	06	008197	4.241	1.326	0.374	1.049	70.683
	Standard Usage/Word Choice	07	008197	5.150	1.362	0.363	1.087	73.571
	Punctuation, Capitalization, Spelling	07	008197	5.157	1.266	0.305	1.055	73.671
	ESSAY	04	008197	2.030	0.170	0.048	0.166	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 3 SDAA II (Spring 2007) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	006555	24.033	2.312	0.191	2.080	80.110
	Basic Understanding	12	006555	9.853	1.308	0.091	1.247	82.108
	Literary Elements	06	006555	5.063	0.853	*****	******	84.383
	Analysis Using Reading Strategies	05	006555	4.038	0.878	0.086	0.839	80.760
	Analysis Using Critical-Thinking Skills	07	006555	5.079	1.204	0.103	1.140	72.557
Mathematics	COMPLETE SUBTEST	34	005681	27.746	2.212	0.058	2.147	81.605
	Numbers, Operations, and Quantitative Reasoning	08	005681	6.443	1.144	0.099	1.086	80.537
	Patterns, Relationships, and Algebraic Reasoning	05	005681	3.891	0.913	0.065	0.883	77.820
	Geometric and Spatial Reasoning	05	005681	4.346	0.746	0.005	0.744	86.920
	Measurement	05	005681	4.549	0.639	*****	******	90.980
	Probability and Statistics	04	005681	3.596	0.593	0.008	0.591	89.900
	Mathematical Processes and Tools	07	005681	4.921	1.134	*****	******	70.300
Writing	MULTIPLE-CHOICE ITEMS	24	000359	21.607	1.330	*****	******	90.029
	Organization	04	000359	3.755	0.480	0.046	0.469	93.875
	Sentence Structure	06	000359	5.379	0.741	0.031	0.729	89.650
	Standard Usage/Word Choice	07	000359	6.390	0.765	0.108	0.723	91.285
	Punctuation, Capitalization, Spelling	07	000359	6.084	0.801	*****	0.810	86.914
	ESSAY	04	000359	3.045	0.207	0.015	0.209	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 4 SDAA II (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	029754	17.273	6.888	0.854	2.632	50.802
	Basic Understanding	13	029754	7.247	2.960	0.706	1.605	55.746
	Literary Elements	07	029754	3.612	1.804	0.570	1.183	51.600
	Analysis Using Reading Strategies	06	029754	2.900	1.662	0.553	1.111	48.333
	Analysis Using Critical-Thinking Skills	08	029754	3.515	1.887	0.530	1.294	43.937
Mathematics	COMPLETE SUBTEST	38	029300	21.232	6.677	0.829	2.761	55.873
	Numbers, Operations, and Quantitative Reasoning	10	029300	6.409	2.066	0.590	1.323	64.090
	Patterns, Relationships, and Algebraic Reasoning	06	029300	3.066	1.593	0.509	1.116	51.100
	Geometric and Spatial Reasoning	06	029300	4.164	1.493	0.519	1.035	69.400
	Measurement	05	029300	2.625	1.271	0.313	1.053	52.500
	Probability and Statistics	04	029300	1.920	1.252	0.494	0.891	48.000
	Mathematical Processes and Tools	07	029300	3.048	1.613	0.421	1.227	43.542

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

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

3 Multiple-choice and gridded items only

Instructional Level 4 SDAA II (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	010038	17.484	6.657	0.844	2.629	51.423
	Basic Understanding	13	010038	7.249	2.799	0.669	1.610	55.761
	Literary Elements	07	010038	3.691	1.787	0.567	1.176	52.728
	Analysis Using Reading Strategies	06	010038	2.924	1.642	0.538	1.116	48.733
	Analysis Using Critical-Thinking Skills	08	010038	3.620	1.866	0.519	1.294	45.250
Mathematics	COMPLETE SUBTEST	38	010373	21.342	6.468	0.820	2.744	56.163
	Numbers, Operations, and Quantitative Reasoning	10	010373	6.469	2.019	0.586	1.299	64.690
	Patterns, Relationships, and Algebraic Reasoning	06	010373	3.091	1.584	0.506	1.113	51.516
	Geometric and Spatial Reasoning	06	010373	4.248	1.446	0.495	1.028	70.800
	Measurement	05	010373	2.651	1.250	0.290	1.053	53.020
	Probability and Statistics	04	010373	1.896	1.226	0.469	0.893	47.400
	Mathematical Processes and Tools	07	010373	2.987	1.567	0.379	1.235	42.671

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

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

3 Multiple-choice and gridded items only

Instructional Level 4 SDAA II (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	019648	17.167	7.001	0.859	2.629	50.491
	Basic Understanding	13	019648	7.246	3.038	0.723	1.599	55.738
	Literary Elements	07	019648	3.572	1.811	0.570	1.188	51.028
	Analysis Using Reading Strategies	06	019648	2.887	1.673	0.563	1.106	48.116
	Analysis Using Critical-Thinking Skills	08	019648	3.461	1.896	0.537	1.290	43.262
Mathematics	COMPLETE SUBTEST	38	018837	21.171	6.786	0.834	2.765	55.713
	Numbers, Operations, and Quantitative Reasoning	10	018837	6.376	2.091	0.593	1.334	63.760
	Patterns, Relationships, and Algebraic Reasoning	06	018837	3.053	1.597	0.512	1.116	50.883
	Geometric and Spatial Reasoning	06	018837	4.119	1.515	0.529	1.040	68.650
	Measurement	05	018837	2.610	1.282	0.326	1.052	52.200
	Probability and Statistics	04	018837	1.932	1.266	0.508	0.888	48.300
	Mathematical Processes and Tools	07	018837	3.082	1.636	0.441	1.223	44.028

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

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

3 Multiple-choice and gridded items only

Instructional Level 4 SDAA II (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	006878	17.015	6.868	0.854	2.624	50.044
	Basic Understanding	13	006878	7.213	2.976	0.712	1.597	55.484
	Literary Elements	07	006878	3.559	1.794	0.564	1.185	50.842
	Analysis Using Reading Strategies	06	006878	2.791	1.641	0.537	1.117	46.516
	Analysis Using Critical-Thinking Skills	08	006878	3.452	1.874	0.528	1.287	43.150
Mathematics	COMPLETE SUBTEST	38	007014	20.105	6.622	0.823	2.786	52.907
	Numbers, Operations, and Quantitative Reasoning	10	007014	6.148	2.083	0.586	1.340	61.480
	Patterns, Relationships, and Algebraic Reasoning	06	007014	2.926	1.582	0.498	1.121	48.766
	Geometric and Spatial Reasoning	06	007014	3.912	1.547	0.525	1.066	65.200
	Measurement	05	007014	2.393	1.242	0.276	1.057	47.860
	Probability and Statistics	04	007014	1.793	1.254	0.499	0.888	44.825
	Mathematical Processes and Tools	07	007014	2.933	1.580	0.394	1.230	41.900

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

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

3 Multiple-choice and gridded items only

Instructional Level 4 SDAA II (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	000292	17.860	6.876	0.856	2.609	52.529
	Basic Understanding	13	000292	7.747	2.973	0.718	1.579	59.592
	Literary Elements	07	000292	3.620	1.798	0.564	1.187	51.714
	Analysis Using Reading Strategies	06	000292	2.979	1.601	0.507	1.124	49.650
	Analysis Using Critical-Thinking Skills	08	000292	3.514	1.836	0.505	1.292	43.925
Mathematics	COMPLETE SUBTEST	38	000291	22.186	6.989	0.850	2.707	58.384
	Numbers, Operations, and Quantitative Reasoning	10	000291	6.763	2.127	0.639	1.278	67.630
	Patterns, Relationships, and Algebraic Reasoning	06	000291	3.371	1.625	0.558	1.080	56.183
	Geometric and Spatial Reasoning	06	000291	4.285	1.553	0.599	0.983	71.416
	Measurement	05	000291	2.639	1.301	0.352	1.047	52.780
	Probability and Statistics	04	000291	1.948	1.243	0.492	0.886	48.700
	Mathematical Processes and Tools	07	000291	3.179	1.655	0.448	1.230	45.414

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

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

3 Multiple-choice and gridded items only

Instructional Level 4 SDAA II (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	013705	16.732	6.673	0.843	2.644	49.211
	Basic Understanding	13	013705	6.999	2.896	0.688	1.618	53.838
	Literary Elements	07	013705	3.499	1.786	0.555	1.191	49.985
	Analysis Using Reading Strategies	06	013705	2.804	1.629	0.529	1.118	46.733
	Analysis Using Critical-Thinking Skills	08	013705	3.430	1.835	0.503	1.294	42.875
Mathematics	COMPLETE SUBTEST	38	013190	21.078	6.512	0.820	2.763	55.468
	Numbers, Operations, and Quantitative Reasoning	10	013190	6.455	2.034	0.582	1.315	64.550
	Patterns, Relationships, and Algebraic Reasoning	06	013190	3.049	1.586	0.506	1.115	50.816
	Geometric and Spatial Reasoning	06	013190	4.161	1.482	0.507	1.041	69.350
	Measurement	05	013190	2.594	1.248	0.275	1.063	51.880
	Probability and Statistics	04	013190	1.854	1.225	0.462	0.899	46.350
	Mathematical Processes and Tools	07	013190	2.966	1.590	0.400	1.232	42.371

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

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

3 Multiple-choice and gridded items only

Instructional Level 4 SDAA II (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	000124	17.234	6.554	0.838	2.638	50.688
	Basic Understanding	13	000124	7.363	2.875	0.684	1.616	56.638
	Literary Elements	07	000124	3.597	1.789	0.575	1.166	51.385
	Analysis Using Reading Strategies	06	000124	2.903	1.665	0.556	1.109	48.383
	Analysis Using Critical-Thinking Skills	08	000124	3.371	1.880	0.539	1.276	42.137
Mathematics	COMPLETE SUBTEST	38	000128	21.813	6.895	0.842	2.741	57.402
	Numbers, Operations, and Quantitative Reasoning	10	000128	6.391	2.127	0.617	1.316	63.910
	Patterns, Relationships, and Algebraic Reasoning	06	000128	3.234	1.639	0.561	1.086	53.900
	Geometric and Spatial Reasoning	06	000128	4.047	1.606	0.594	1.023	67.450
	Measurement	05	000128	2.930	1.323	0.407	1.019	58.600
	Probability and Statistics	04	000128	2.047	1.209	0.450	0.897	51.175
	Mathematical Processes and Tools	07	000128	3.164	1.473	0.266	1.262	45.200

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

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

3 Multiple-choice and gridded items only

Instructional Level 4 SDAA II (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	008636	18.319	7.116	0.866	2.605	53.879
	Basic Understanding	13	008636	7.650	3.001	0.721	1.585	58.846
	Literary Elements	07	008636	3.832	1.819	0.586	1.170	54.742
	Analysis Using Reading Strategies	06	008636	3.135	1.708	0.593	1.090	52.250
	Analysis Using Critical-Thinking Skills	08	008636	3.701	1.965	0.568	1.292	46.262
Mathematics	COMPLETE SUBTEST	38	008548	22.355	6.777	0.838	2.728	58.828
	Numbers, Operations, and Quantitative Reasoning	10	008548	6.537	2.077	0.596	1.320	65.370
	Patterns, Relationships, and Algebraic Reasoning	06	008548	3.196	1.598	0.513	1.115	53.266
	Geometric and Spatial Reasoning	06	008548	4.377	1.421	0.504	1.001	72.950
	Measurement	05	008548	2.860	1.288	0.354	1.035	57.200
	Probability and Statistics	04	008548	2.124	1.269	0.522	0.877	53.100
	Mathematical Processes and Tools	07	008548	3.261	1.653	0.458	1.217	46.585

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

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

3 Multiple-choice and gridded items only

Instructional Level 4 SDAA II (Spring 2007) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	007163	8.682	2.057	*****	******	25.535
	Basic Understanding	13	007163	3.717	1.607	0.022	1.589	28.592
	Literary Elements	07	007163	1.800	1.105	*****	******	25.714
	Analysis Using Reading Strategies	06	007163	1.351	0.981	*****	******	22.516
	Analysis Using Critical-Thinking Skills	08	007163	1.813	1.132	*****	******	22.662
Mathematics	COMPLETE SUBTEST	38	005142	11.275	2.561	*****	******	29.671
	Numbers, Operations, and Quantitative Reasoning	10	005142	3.713	1.526	0.103	1.445	37.130
	Patterns, Relationships, and Algebraic Reasoning	06	005142	1.463	1.068	0.051	1.040	24.383
	Geometric and Spatial Reasoning	06	005142	2.344	1.266	0.144	1.171	39.066
	Measurement	05	005142	1.494	0.995	*****	******	29.880
	Probability and Statistics	04	005142	0.679	0.730	*****	******	16.975
	Mathematical Processes and Tools	07	005142	1.581	1.085	*****	******	22.585

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

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

3 Multiple-choice and gridded items only

Instructional Level 4 SDAA II (Spring 2007) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	015027	16.723	3.154	0.214	2.796	49.185
	Basic Understanding	13	015027	7.266	1.903	0.198	1.704	55.892
	Literary Elements	07	015027	3.501	1.345	0.122	1.260	50.014
	Analysis Using Reading Strategies	06	015027	2.715	1.261	0.087	1.205	45.250
	Analysis Using Critical-Thinking Skills	08	015027	3.241	1.349	*****	******	40.512
Mathematics	COMPLETE SUBTEST	38	019817	21.599	3.870	0.458	2.849	56.839
	Numbers, Operations, and Quantitative Reasoning	10	019817	6.587	1.525	0.226	1.342	65.870
	Patterns, Relationships, and Algebraic Reasoning	06	019817	3.081	1.364	0.267	1.168	51.350
	Geometric and Spatial Reasoning	06	019817	4.348	1.223	0.249	1.060	72.466
	Measurement	05	019817	2.656	1.134	0.088	1.083	53.120
	Probability and Statistics	04	019817	1.932	1.105	0.269	0.945	48.300
	Mathematical Processes and Tools	07	019817	2.995	1.332	0.091	1.270	42.785

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

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

3 Multiple-choice and gridded items only

Instructional Level 4 SDAA II (Spring 2007) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	007564	26.503	2.678	0.243	2.330	77.950
	Basic Understanding	13	007564	10.551	1.456	0.128	1.360	81.161
	Literary Elements	07	007564	5.550	1.077	0.068	1.040	79.285
	Analysis Using Reading Strategies	06	007564	4.731	1.049	0.131	0.978	78.850
	Analysis Using Critical-Thinking Skills	08	007564	5.671	1.279	0.069	1.234	70.887
Mathematics	COMPLETE SUBTEST	38	004341	31.349	2.091	*****	******	82.497
	Numbers, Operations, and Quantitative Reasoning	10	004341	8.789	1.008	0.045	0.985	87.890
	Patterns, Relationships, and Algebraic Reasoning	06	004341	4.900	0.933	0.025	0.921	81.666
	Geometric and Spatial Reasoning	06	004341	5.477	0.715	0.096	0.680	91.283
	Measurement	05	004341	3.823	0.956	0.036	0.939	76.460
	Probability and Statistics	04	004341	3.334	0.738	0.042	0.722	83.350
	Mathematical Processes and Tools	07	004341	5.026	1.258	0.158	1.154	71.800

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

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

3 Multiple-choice and gridded items only

Instructional Level 5 SDAA II (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	028781	19.234	7.130	0.857	2.696	53.427
	Basic Understanding	11	028781	6.142	2.455	0.632	1.489	55.836
	Literary Elements	07	028781	4.163	1.765	0.567	1.161	59.471
	Analysis Using Reading Strategies	07	028781	3.560	1.794	0.567	1.181	50.857
	Analysis Using Critical-Thinking Skills	11	028781	5.370	2.452	0.616	1.519	48.818
Mathematics	COMPLETE SUBTEST	42	030265	23.830	7.235	0.840	2.894	56.738
	Numbers, Operations, and Quantitative Reasoning	10	030265	5.764	2.357	0.659	1.376	57.640
	Patterns, Relationships, and Algebraic Reasoning	07	030265	3.149	1.664	0.451	1.233	44.985
	Geometric and Spatial Reasoning	07	030265	4.707	1.616	0.536	1.101	67.242
	Measurement	07	030265	3.473	1.752	0.557	1.166	49.614
	Probability and Statistics	04	030265	2.506	0.973	0.162	0.891	62.650
	Mathematical Processes and Tools	07	030265	4.230	1.626	0.458	1.197	60.428
Writing	MULTIPLE-CHOICE ITEMS	28	007147	14.548	5.124	0.773	2.441	51.957
	Organization	04	007147	1.863	1.132	0.327	0.929	46.575
	Sentence Structure	08	007147	4.053	1.959	0.580	1.270	50.662
	Standard Usage/Word Choice	08	007147	4.504	1.903	0.532	1.302	56.300
	Punctuation, Capitalization, Spelling	08	007147	4.127	1.882	0.531	1.289	51.587
	ESSAY	04	007147	1.428	0.661	0.637	0.398	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 5 SDAA II (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	009896	19.858	6.859	0.846	2.692	55.161
	Basic Understanding	11	009896	6.324	2.407	0.616	1.492	57.490
	Literary Elements	07	009896	4.331	1.709	0.541	1.158	61.871
	Analysis Using Reading Strategies	07	009896	3.642	1.746	0.544	1.179	52.028
	Analysis Using Critical-Thinking Skills	11	009896	5.561	2.377	0.588	1.526	50.554
Mathematics	COMPLETE SUBTEST	42	010897	23.767	6.918	0.825	2.894	56.588
	Numbers, Operations, and Quantitative Reasoning	10	010897	5.694	2.315	0.642	1.385	56.940
	Patterns, Relationships, and Algebraic Reasoning	07	010897	3.081	1.617	0.411	1.241	44.014
	Geometric and Spatial Reasoning	07	010897	4.761	1.567	0.509	1.098	68.014
	Measurement	07	010897	3.385	1.746	0.550	1.171	48.357
	Probability and Statistics	04	010897	2.520	0.935	0.115	0.880	63.000
	Mathematical Processes and Tools	07	010897	4.326	1.570	0.423	1.193	61.800
Writing	MULTIPLE-CHOICE ITEMS	28	002394	15.169	4.815	0.742	2.446	54.175
	Organization	04	002394	1.849	1.125	0.317	0.930	46.225
	Sentence Structure	08	002394	4.215	1.917	0.561	1.270	52.687
	Standard Usage/Word Choice	08	002394	4.683	1.808	0.481	1.303	58.537
	Punctuation, Capitalization, Spelling	08	002394	4.422	1.865	0.529	1.280	55.275
	ESSAY	04	002394	1.554	0.650	0.599	0.412	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 5 SDAA II (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	018817	18.908	7.246	0.862	2.692	52.522
	Basic Understanding	11	018817	6.048	2.474	0.639	1.486	54.981
	Literary Elements	07	018817	4.075	1.787	0.575	1.165	58.214
	Analysis Using Reading Strategies	07	018817	3.516	1.817	0.578	1.180	50.228
	Analysis Using Critical-Thinking Skills	11	018817	5.270	2.484	0.627	1.517	47.909
Mathematics	COMPLETE SUBTEST	42	019274	23.866	7.406	0.848	2.887	56.823
	Numbers, Operations, and Quantitative Reasoning	10	019274	5.804	2.380	0.670	1.367	58.040
	Patterns, Relationships, and Algebraic Reasoning	07	019274	3.188	1.689	0.472	1.227	45.542
	Geometric and Spatial Reasoning	07	019274	4.676	1.641	0.549	1.102	66.800
	Measurement	07	019274	3.522	1.753	0.559	1.164	50.314
	Probability and Statistics	04	019274	2.499	0.992	0.191	0.892	62.475
	Mathematical Processes and Tools	07	019274	4.176	1.654	0.474	1.200	59.657
Writing	MULTIPLE-CHOICE ITEMS	28	004739	14.232	5.242	0.784	2.436	50.828
	Organization	04	004739	1.870	1.135	0.330	0.929	46.750
	Sentence Structure	08	004739	3.972	1.975	0.586	1.271	49.650
	Standard Usage/Word Choice	08	004739	4.413	1.943	0.553	1.299	55.162
	Punctuation, Capitalization, Spelling	08	004739	3.977	1.872	0.523	1.293	49.712
	ESSAY	04	004739	1.364	0.657	0.645	0.391	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 5 SDAA II (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	006364	19.276	7.145	0.859	2.683	53.544
	Basic Understanding	11	006364	6.175	2.470	0.640	1.482	56.136
	Literary Elements	07	006364	4.129	1.757	0.560	1.165	58.985
	Analysis Using Reading Strategies	07	006364	3.562	1.797	0.574	1.173	50.885
	Analysis Using Critical-Thinking Skills	11	006364	5.410	2.438	0.612	1.519	49.181
Mathematics	COMPLETE SUBTEST	42	006998	22.627	7.154	0.833	2.924	53.873
	Numbers, Operations, and Quantitative Reasoning	10	006998	5.498	2.365	0.657	1.385	54.980
	Patterns, Relationships, and Algebraic Reasoning	07	006998	3.052	1.636	0.429	1.236	43.600
	Geometric and Spatial Reasoning	07	006998	4.446	1.636	0.520	1.133	63.514
	Measurement	07	006998	3.172	1.751	0.548	1.177	45.314
	Probability and Statistics	04	006998	2.412	0.974	0.132	0.907	60.300
	Mathematical Processes and Tools	07	006998	4.047	1.616	0.434	1.216	57.814
Writing	MULTIPLE-CHOICE ITEMS	28	001574	14.136	4.999	0.761	2.444	50.485
	Organization	04	001574	1.714	1.074	0.240	0.936	42.850
	Sentence Structure	08	001574	3.889	1.942	0.570	1.273	48.612
	Standard Usage/Word Choice	08	001574	4.410	1.881	0.519	1.305	55.125
	Punctuation, Capitalization, Spelling	08	001574	4.123	1.862	0.522	1.287	51.537
	ESSAY	04	001574	1.416	0.637	0.603	0.401	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 5 SDAA II (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	000266	20.568	6.860	0.849	2.666	57.133
	Basic Understanding	11	000266	6.357	2.424	0.633	1.468	57.790
	Literary Elements	07	000266	4.466	1.669	0.525	1.150	63.800
	Analysis Using Reading Strategies	07	000266	4.079	1.663	0.507	1.168	58.271
	Analysis Using Critical-Thinking Skills	11	000266	5.665	2.508	0.645	1.494	51.500
Mathematics	COMPLETE SUBTEST	42	000230	25.961	7.363	0.853	2.823	61.811
	Numbers, Operations, and Quantitative Reasoning	10	000230	6.265	2.354	0.675	1.342	62.650
	Patterns, Relationships, and Algebraic Reasoning	07	000230	3.748	1.722	0.496	1.222	53.542
	Geometric and Spatial Reasoning	07	000230	5.165	1.535	0.550	1.030	73.785
	Measurement	07	000230	3.796	1.840	0.608	1.152	54.228
	Probability and Statistics	04	000230	2.652	0.944	0.161	0.865	66.300
	Mathematical Processes and Tools	07	000230	4.335	1.566	0.426	1.186	61.928
Writing	MULTIPLE-CHOICE ITEMS	28	000068	14.471	4.523	0.713	2.423	51.682
	Organization	04	000068	1.662	1.141	0.375	0.902	41.550
	Sentence Structure	08	000068	3.868	1.939	0.559	1.288	48.350
	Standard Usage/Word Choice	08	000068	4.426	1.722	0.439	1.290	55.325
	Punctuation, Capitalization, Spelling	08	000068	4.515	1.588	0.366	1.264	56.437
	ESSAY	04	000068	1.397	0.626	0.628	0.382	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 5 SDAA II (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	013128	18.500	6.984	0.849	2.714	51.388
	Basic Understanding	11	013128	5.858	2.423	0.613	1.507	53.254
	Literary Elements	07	013128	4.061	1.765	0.557	1.175	58.014
	Analysis Using Reading Strategies	07	013128	3.423	1.771	0.554	1.183	48.900
	Analysis Using Critical-Thinking Skills	11	013128	5.158	2.398	0.596	1.524	46.890
Mathematics	COMPLETE SUBTEST	42	013571	23.425	7.125	0.835	2.894	55.773
	Numbers, Operations, and Quantitative Reasoning	10	013571	5.705	2.359	0.658	1.380	57.050
	Patterns, Relationships, and Algebraic Reasoning	07	013571	3.042	1.630	0.429	1.232	43.457
	Geometric and Spatial Reasoning	07	013571	4.648	1.616	0.535	1.102	66.400
	Measurement	07	013571	3.411	1.749	0.555	1.167	48.728
	Probability and Statistics	04	013571	2.543	0.963	0.161	0.882	63.575
	Mathematical Processes and Tools	07	013571	4.076	1.603	0.432	1.208	58.228
Writing	MULTIPLE-CHOICE ITEMS	28	002937	14.099	4.912	0.750	2.456	50.353
	Organization	04	002937	1.763	1.110	0.303	0.927	44.075
	Sentence Structure	08	002937	3.939	1.908	0.548	1.283	49.237
	Standard Usage/Word Choice	08	002937	4.416	1.868	0.507	1.312	55.200
	Punctuation, Capitalization, Spelling	08	002937	3.980	1.871	0.525	1.289	49.750
	ESSAY	04	002937	1.411	0.647	0.628	0.395	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 5 SDAA II (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	000125	19.832	7.463	0.874	2.649	55.088
	Basic Understanding	11	000125	6.240	2.451	0.639	1.473	56.727
	Literary Elements	07	000125	4.192	1.835	0.629	1.118	59.885
	Analysis Using Reading Strategies	07	000125	3.808	1.763	0.540	1.196	54.400
	Analysis Using Critical-Thinking Skills	11	000125	5.592	2.646	0.684	1.487	50.836
Mathematics	COMPLETE SUBTEST	42	000132	24.364	7.457	0.854	2.849	58.009
	Numbers, Operations, and Quantitative Reasoning	10	000132	5.947	2.316	0.666	1.338	59.470
	Patterns, Relationships, and Algebraic Reasoning	07	000132	3.212	1.761	0.532	1.205	45.885
	Geometric and Spatial Reasoning	07	000132	4.795	1.619	0.554	1.081	68.500
	Measurement	07	000132	3.652	1.760	0.569	1.155	52.171
	Probability and Statistics	04	000132	2.455	0.944	0.057	0.917	61.375
	Mathematical Processes and Tools	07	000132	4.303	1.606	0.456	1.185	61.471
Writing	MULTIPLE-CHOICE ITEMS	28	000036	15.083	5.536	0.819	2.355	53.867
	Organization	04	000036	2.028	1.158	0.381	0.911	50.700
	Sentence Structure	08	000036	3.833	2.118	0.661	1.233	47.912
	Standard Usage/Word Choice	08	000036	4.528	2.035	0.656	1.194	56.600
	Punctuation, Capitalization, Spelling	08	000036	4.694	1.864	0.543	1.260	58.675
	ESSAY	04	000036	1.444	0.695	0.795	0.315	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 5 SDAA II (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	008759	20.250	7.189	0.862	2.671	56.250
	Basic Understanding	11	008759	6.535	2.435	0.640	1.461	59.409
	Literary Elements	07	008759	4.329	1.754	0.576	1.142	61.842
	Analysis Using Reading Strategies	07	008759	3.742	1.809	0.575	1.179	53.457
	Analysis Using Critical-Thinking Skills	11	008759	5.644	2.501	0.633	1.515	51.309
Mathematics	COMPLETE SUBTEST	42	009187	25.303	7.185	0.843	2.847	60.245
	Numbers, Operations, and Quantitative Reasoning	10	009187	6.043	2.316	0.657	1.356	60.430
	Patterns, Relationships, and Algebraic Reasoning	07	009187	3.367	1.709	0.481	1.231	48.100
	Geometric and Spatial Reasoning	07	009187	4.983	1.552	0.523	1.072	71.185
	Measurement	07	009187	3.788	1.704	0.544	1.151	54.114
	Probability and Statistics	04	009187	2.524	0.980	0.189	0.883	63.100
	Mathematical Processes and Tools	07	009187	4.598	1.605	0.478	1.160	65.685
Writing	MULTIPLE-CHOICE ITEMS	28	002519	15.316	5.349	0.796	2.416	54.700
	Organization	04	002519	2.075	1.158	0.360	0.926	51.875
	Sentence Structure	08	002519	4.295	2.002	0.610	1.250	53.687
	Standard Usage/Word Choice	08	002519	4.665	1.949	0.569	1.280	58.312
	Punctuation, Capitalization, Spelling	08	002519	4.281	1.898	0.541	1.286	53.512
	ESSAY	04	002519	1.455	0.689	0.661	0.401	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 5 SDAA II (Spring 2007) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	008522	10.723	2.560	*****	******	29.786
	Basic Understanding	11	008522	3.537	1.491	*****	******	32.154
	Literary Elements	07	008522	2.385	1.233	0.005	1.230	34.071
	Analysis Using Reading Strategies	07	008522	1.850	1.132	*****	******	26.428
	Analysis Using Critical-Thinking Skills	11	008522	2.952	1.387	*****	******	26.836
Mathematics	COMPLETE SUBTEST	42	005223	13.015	2.767	*****	******	30.988
	Numbers, Operations, and Quantitative Reasoning	10	005223	2.813	1.408	0.063	1.363	28.130
	Patterns, Relationships, and Algebraic Reasoning	07	005223	1.774	1.127	*****	******	25.342
	Geometric and Spatial Reasoning	07	005223	2.777	1.370	0.211	1.217	39.671
	Measurement	07	005223	1.607	1.090	*****	******	22.957
	Probability and Statistics	04	005223	1.659	0.971	0.021	0.961	41.475
	Mathematical Processes and Tools	07	005223	2.385	1.247	0.029	1.229	34.071
Writing	MULTIPLE-CHOICE ITEMS	28	004630	12.521	4.764	0.733	2.462	44.717
	Organization	04	004630	1.614	1.084	0.268	0.927	40.350
	Sentence Structure	08	004630	3.447	1.841	0.513	1.285	43.087
	Standard Usage/Word Choice	08	004630	3.907	1.867	0.496	1.325	48.837
	Punctuation, Capitalization, Spelling	08	004630	3.553	1.808	0.488	1.294	44.412
	ESSAY	04	004630	1.052	0.454	0.490	0.324	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 5 SDAA II (Spring 2007) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	016016	20.850	3.706	0.429	2.800	57.916
	Basic Understanding	11	016016	6.690	1.663	0.141	1.541	60.818
	Literary Elements	07	016016	4.570	1.293	0.151	1.191	65.285
	Analysis Using Reading Strategies	07	016016	3.855	1.345	0.144	1.244	55.071
	Analysis Using Critical-Thinking Skills	11	016016	5.736	1.711	0.141	1.586	52.145
Mathematics	COMPLETE SUBTEST	42	021205	24.426	4.394	0.544	2.967	58.157
	Numbers, Operations, and Quantitative Reasoning	10	021205	5.939	1.843	0.401	1.426	59.390
	Patterns, Relationships, and Algebraic Reasoning	07	021205	3.084	1.425	0.198	1.276	44.057
	Geometric and Spatial Reasoning	07	021205	4.912	1.329	0.300	1.112	70.171
	Measurement	07	021205	3.526	1.463	0.325	1.202	50.371
	Probability and Statistics	04	021205	2.591	0.874	*****	******	64.775
	Mathematical Processes and Tools	07	021205	4.373	1.356	0.177	1.230	62.471
Writing	MULTIPLE-CHOICE ITEMS	28	002423	18.090	3.267	0.456	2.410	64.607
	Organization	04	002423	2.289	1.067	0.234	0.934	57.225
	Sentence Structure	08	002423	5.114	1.647	0.430	1.243	63.925
	Standard Usage/Word Choice	08	002423	5.556	1.411	0.207	1.257	69.450
	Punctuation, Capitalization, Spelling	08	002423	5.131	1.516	0.290	1.277	64.137
	ESSAY	04	002423	2.078	0.268	0.140	0.249	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 5 SDAA II (Spring 2007) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	004243	30.227	1.915	*****	******	83.963
	Basic Understanding	11	004243	9.308	1.096	*****	******	84.618
	Literary Elements	07	004243	6.197	0.811	*****	******	88.528
	Analysis Using Reading Strategies	07	004243	5.877	0.923	0.007	0.920	83.957
	Analysis Using Critical-Thinking Skills	11	004243	8.845	1.241	*****	******	80.409
Mathematics	COMPLETE SUBTEST	42	003837	35.257	2.022	*****	******	83.945
	Numbers, Operations, and Quantitative Reasoning	10	003837	8.815	1.012	0.016	1.004	88.150
	Patterns, Relationships, and Algebraic Reasoning	07	003837	5.381	1.148	0.089	1.096	76.871
	Geometric and Spatial Reasoning	07	003837	6.197	0.869	0.137	0.807	88.528
	Measurement	07	003837	5.721	0.982	0.023	0.971	81.728
	Probability and Statistics	04	003837	3.189	0.688	*****	******	79.725
	Mathematical Processes and Tools	07	003837	5.953	0.927	*****	******	85.042
Writing	MULTIPLE-CHOICE ITEMS	28	000094	23.064	2.159	0.190	1.943	82.371
	Organization	04	000094	3.181	0.842	0.117	0.791	79.525
	Sentence Structure	08	000094	6.564	1.223	0.316	1.011	82.050
	Standard Usage/Word Choice	08	000094	6.798	1.011	0.067	0.977	84.975
	Punctuation, Capitalization, Spelling	08	000094	6.521	1.075	0.039	1.054	81.512
	ESSAY	04	000094	3.213	0.411	0.204	0.367	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 6 SDAA II (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	026580	19.316	7.341	0.867	2.677	53.655
	Basic Understanding	11	026580	5.595	2.450	0.631	1.488	50.863
	Literary Elements	07	026580	3.966	1.910	0.628	1.165	56.657
	Analysis Using Reading Strategies	07	026580	4.233	1.746	0.575	1.138	60.471
	Analysis Using Critical-Thinking Skills	11	026580	5.522	2.574	0.656	1.510	50.200
Mathematics	COMPLETE SUBTEST	44	029471	21.136	7.025	0.813	3.038	48.036
	Numbers, Operations, and Quantitative Reasoning	09	029471	3.981	1.936	0.497	1.373	44.233
	Patterns, Relationships, and Algebraic Reasoning	09	029471	4.693	1.724	0.388	1.349	52.144
	Geometric and Spatial Reasoning	07	029471	3.474	1.629	0.412	1.249	49.628
	Measurement	05	029471	2.044	1.284	0.357	1.030	40.880
	Probability and Statistics	06	029471	3.540	1.569	0.546	1.057	59.000
	Mathematical Processes and Tools	08	029471	3.403	1.720	0.429	1.300	42.537
Writing	MULTIPLE-CHOICE ITEMS	33	017267	17.621	6.280	0.826	2.620	53.396
	Organization	04	017267	1.907	1.128	0.385	0.885	47.675
	Sentence Structure	09	017267	4.576	2.125	0.593	1.356	50.844
	Standard Usage/Word Choice	10	017267	5.652	2.168	0.551	1.453	56.520
	Punctuation, Capitalization, Spelling	10	017267	5.485	2.427	0.653	1.430	54.850
	ESSAY	04	017267	1.639	0.715	0.698	0.393	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 6 SDAA II (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	009214	20.183	7.019	0.856	2.664	56.063
	Basic Understanding	11	009214	5.793	2.392	0.615	1.484	52.663
	Literary Elements	07	009214	4.175	1.836	0.598	1.164	59.642
	Analysis Using Reading Strategies	07	009214	4.392	1.628	0.528	1.118	62.742
	Analysis Using Critical-Thinking Skills	11	009214	5.823	2.542	0.649	1.506	52.936
Mathematics	COMPLETE SUBTEST	44	010667	21.125	6.706	0.796	3.029	48.011
	Numbers, Operations, and Quantitative Reasoning	09	010667	3.950	1.877	0.470	1.366	43.888
	Patterns, Relationships, and Algebraic Reasoning	09	010667	4.711	1.676	0.362	1.339	52.344
	Geometric and Spatial Reasoning	07	010667	3.467	1.608	0.397	1.249	49.528
	Measurement	05	010667	1.963	1.250	0.337	1.018	39.260
	Probability and Statistics	06	010667	3.631	1.543	0.523	1.066	60.516
	Mathematical Processes and Tools	08	010667	3.403	1.675	0.401	1.296	42.537
Writing	MULTIPLE-CHOICE ITEMS	33	006143	18.766	6.018	0.814	2.595	56.866
	Organization	04	006143	2.022	1.099	0.365	0.876	50.550
	Sentence Structure	09	006143	4.887	2.109	0.590	1.350	54.300
	Standard Usage/Word Choice	10	006143	5.941	2.056	0.505	1.447	59.410
	Punctuation, Capitalization, Spelling	10	006143	5.917	2.351	0.641	1.409	59.170
	ESSAY	04	006143	1.789	0.704	0.651	0.416	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 6 SDAA II (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	017293	18.849	7.463	0.871	2.680	52.358
	Basic Understanding	11	017293	5.488	2.472	0.637	1.489	49.890
	Literary Elements	07	017293	3.853	1.939	0.640	1.163	55.042
	Analysis Using Reading Strategies	07	017293	4.147	1.799	0.594	1.146	59.242
	Analysis Using Critical-Thinking Skills	11	017293	5.361	2.576	0.656	1.511	48.736
Mathematics	COMPLETE SUBTEST	44	018712	21.146	7.199	0.822	3.037	48.059
	Numbers, Operations, and Quantitative Reasoning	09	018712	4.000	1.968	0.513	1.373	44.444
	Patterns, Relationships, and Algebraic Reasoning	09	018712	4.683	1.751	0.405	1.351	52.033
	Geometric and Spatial Reasoning	07	018712	3.481	1.642	0.422	1.248	49.728
	Measurement	05	018712	2.090	1.300	0.367	1.034	41.800
	Probability and Statistics	06	018712	3.489	1.582	0.558	1.052	58.150
	Mathematical Processes and Tools	08	018712	3.403	1.744	0.445	1.299	42.537
Writing	MULTIPLE-CHOICE ITEMS	33	011095	16.988	6.333	0.828	2.626	51.478
	Organization	04	011095	1.843	1.140	0.393	0.888	46.075
	Sentence Structure	09	011095	4.405	2.116	0.588	1.358	48.944
	Standard Usage/Word Choice	10	011095	5.494	2.211	0.567	1.455	54.940
	Punctuation, Capitalization, Spelling	10	011095	5.247	2.435	0.652	1.436	52.470
	ESSAY	04	011095	1.557	0.707	0.712	0.379	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 6 SDAA II (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	005837	18.765	7.324	0.866	2.681	52.125
	Basic Understanding	11	005837	5.468	2.446	0.626	1.496	49.709
	Literary Elements	07	005837	3.841	1.925	0.630	1.171	54.871
	Analysis Using Reading Strategies	07	005837	4.129	1.725	0.565	1.138	58.985
	Analysis Using Critical-Thinking Skills	11	005837	5.327	2.569	0.655	1.509	48.427
Mathematics	COMPLETE SUBTEST	44	006546	19.871	6.760	0.800	3.023	45.161
	Numbers, Operations, and Quantitative Reasoning	09	006546	3.707	1.888	0.479	1.363	41.188
	Patterns, Relationships, and Algebraic Reasoning	09	006546	4.496	1.694	0.371	1.344	49.955
	Geometric and Spatial Reasoning	07	006546	3.165	1.603	0.397	1.245	45.214
	Measurement	05	006546	1.787	1.220	0.308	1.015	35.740
	Probability and Statistics	06	006546	3.402	1.588	0.552	1.063	56.700
	Mathematical Processes and Tools	08	006546	3.314	1.682	0.404	1.299	41.425
Writing	MULTIPLE-CHOICE ITEMS	33	003750	17.145	6.245	0.824	2.620	51.954
	Organization	04	003750	1.814	1.112	0.359	0.890	45.350
	Sentence Structure	09	003750	4.362	2.083	0.574	1.360	48.466
	Standard Usage/Word Choice	10	003750	5.451	2.162	0.544	1.460	54.510
	Punctuation, Capitalization, Spelling	10	003750	5.519	2.489	0.677	1.415	55.190
	ESSAY	04	003750	1.577	0.718	0.704	0.391	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 6 SDAA II (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	000220	21.945	7.246	0.872	2.592	60.958
	Basic Understanding	11	000220	6.395	2.431	0.640	1.459	58.136
	Literary Elements	07	000220	4.568	1.833	0.628	1.118	65.257
	Analysis Using Reading Strategies	07	000220	4.686	1.598	0.543	1.080	66.942
	Analysis Using Critical-Thinking Skills	11	000220	6.295	2.681	0.704	1.459	57.227
Mathematics	COMPLETE SUBTEST	44	000229	24.096	7.658	0.848	2.986	54.763
	Numbers, Operations, and Quantitative Reasoning	09	000229	4.943	2.175	0.621	1.339	54.922
	Patterns, Relationships, and Algebraic Reasoning	09	000229	5.310	1.602	0.285	1.355	59.000
	Geometric and Spatial Reasoning	07	000229	3.860	1.729	0.510	1.210	55.142
	Measurement	05	000229	2.205	1.266	0.310	1.052	44.100
	Probability and Statistics	06	000229	3.852	1.615	0.614	1.003	64.200
	Mathematical Processes and Tools	08	000229	3.926	1.844	0.520	1.278	49.075
Writing	MULTIPLE-CHOICE ITEMS	33	000141	19.908	6.021	0.821	2.547	60.327
	Organization	04	000141	2.121	0.996	0.204	0.889	53.025
	Sentence Structure	09	000141	5.241	2.191	0.645	1.305	58.233
	Standard Usage/Word Choice	10	000141	6.206	2.099	0.538	1.427	62.060
	Punctuation, Capitalization, Spelling	10	000141	6.340	2.402	0.685	1.348	63.400
	ESSAY	04	000141	1.702	0.673	0.688	0.376	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 6 SDAA II (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	012097	18.679	7.221	0.861	2.692	51.886
	Basic Understanding	11	012097	5.389	2.397	0.612	1.493	48.990
	Literary Elements	07	012097	3.833	1.909	0.624	1.171	54.757
	Analysis Using Reading Strategies	07	012097	4.137	1.754	0.575	1.143	59.100
	Analysis Using Critical-Thinking Skills	11	012097	5.319	2.525	0.640	1.515	48.354
Mathematics	COMPLETE SUBTEST	44	013230	20.722	6.837	0.803	3.035	47.095
	Numbers, Operations, and Quantitative Reasoning	09	013230	3.894	1.901	0.482	1.368	43.266
	Patterns, Relationships, and Algebraic Reasoning	09	013230	4.626	1.718	0.378	1.355	51.400
	Geometric and Spatial Reasoning	07	013230	3.472	1.608	0.393	1.253	49.600
	Measurement	05	013230	2.002	1.260	0.333	1.029	40.040
	Probability and Statistics	06	013230	3.420	1.542	0.522	1.066	57.000
	Mathematical Processes and Tools	08	013230	3.307	1.680	0.402	1.299	41.337
Writing	MULTIPLE-CHOICE ITEMS	33	007775	16.845	6.053	0.811	2.631	51.045
	Organization	04	007775	1.776	1.080	0.327	0.886	44.400
	Sentence Structure	09	007775	4.391	2.099	0.576	1.367	48.788
	Standard Usage/Word Choice	10	007775	5.438	2.107	0.518	1.463	54.380
	Punctuation, Capitalization, Spelling	10	007775	5.240	2.392	0.638	1.439	52.400
	ESSAY	04	007775	1.630	0.694	0.685	0.390	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 6 SDAA II (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	000106	19.896	8.306	0.903	2.587	55.266
	Basic Understanding	11	000106	5.717	2.780	0.740	1.418	51.972
	Literary Elements	07	000106	4.019	2.111	0.736	1.085	57.414
	Analysis Using Reading Strategies	07	000106	4.217	1.917	0.667	1.106	60.242
	Analysis Using Critical-Thinking Skills	11	000106	5.943	2.760	0.717	1.468	54.027
Mathematics	COMPLETE SUBTEST	44	000132	23.045	6.769	0.800	3.027	52.375
	Numbers, Operations, and Quantitative Reasoning	09	000132	4.462	1.767	0.379	1.392	49.577
	Patterns, Relationships, and Algebraic Reasoning	09	000132	4.902	1.729	0.417	1.320	54.466
	Geometric and Spatial Reasoning	07	000132	3.780	1.677	0.456	1.237	54.000
	Measurement	05	000132	2.333	1.434	0.514	1.000	46.660
	Probability and Statistics	06	000132	3.811	1.463	0.503	1.031	63.516
	Mathematical Processes and Tools	08	000132	3.758	1.630	0.331	1.333	46.975
Writing	MULTIPLE-CHOICE ITEMS	33	000075	19.693	4.731	0.692	2.626	59.675
	Organization	04	000075	2.320	1.067	0.315	0.883	58.000
	Sentence Structure	09	000075	5.000	1.838	0.447	1.367	55.555
	Standard Usage/Word Choice	10	000075	6.227	1.729	0.295	1.452	62.270
	Punctuation, Capitalization, Spelling	10	000075	6.147	2.090	0.537	1.422	61.470
	ESSAY	04	000075	1.587	0.737	0.613	0.458	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 6 SDAA II (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	008175	20.560	7.337	0.869	2.656	57.111
	Basic Understanding	11	008175	5.963	2.474	0.644	1.476	54.209
	Literary Elements	07	008175	4.230	1.871	0.622	1.150	60.428
	Analysis Using Reading Strategies	07	008175	4.433	1.730	0.572	1.132	63.328
	Analysis Using Critical-Thinking Skills	11	008175	5.934	2.588	0.664	1.500	53.945
Mathematics	COMPLETE SUBTEST	44	009186	22.547	7.197	0.822	3.036	51.243
	Numbers, Operations, and Quantitative Reasoning	09	009186	4.275	1.969	0.507	1.383	47.500
	Patterns, Relationships, and Algebraic Reasoning	09	009186	4.913	1.730	0.398	1.342	54.588
	Geometric and Spatial Reasoning	07	009186	3.690	1.638	0.421	1.246	52.714
	Measurement	05	009186	2.278	1.318	0.379	1.039	45.560
	Probability and Statistics	06	009186	3.801	1.562	0.560	1.036	63.350
	Mathematical Processes and Tools	08	009186	3.589	1.781	0.469	1.298	44.862
Writing	MULTIPLE-CHOICE ITEMS	33	005489	18.960	6.415	0.838	2.582	57.454
	Organization	04	005489	2.146	1.171	0.440	0.876	53.650
	Sentence Structure	09	005489	4.961	2.138	0.610	1.335	55.122
	Standard Usage/Word Choice	10	005489	6.075	2.202	0.580	1.427	60.750
	Punctuation, Capitalization, Spelling	10	005489	5.779	2.398	0.650	1.419	57.790
	ESSAY	04	005489	1.695	0.738	0.710	0.397	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 6 SDAA II (Spring 2007) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	004639	8.777	1.962	*****	******	24.380
	Basic Understanding	11	004639	2.684	1.324	*****	******	24.400
	Literary Elements	07	004639	1.597	1.089	*****	******	22.814
	Analysis Using Reading Strategies	07	004639	2.004	1.167	*****	******	28.628
	Analysis Using Critical-Thinking Skills	11	004639	2.491	1.316	*****	******	22.645
Mathematics	COMPLETE SUBTEST	44	014697	15.354	3.362	0.199	3.009	34.895
	Numbers, Operations, and Quantitative Reasoning	09	014697	2.754	1.343	0.005	1.340	30.600
	Patterns, Relationships, and Algebraic Reasoning	09	014697	3.716	1.381	0.071	1.331	41.288
	Geometric and Spatial Reasoning	07	014697	2.583	1.316	0.091	1.255	36.900
	Measurement	05	014697	1.369	0.982	*****	******	27.380
	Probability and Statistics	06	014697	2.529	1.296	0.254	1.119	42.150
	Mathematical Processes and Tools	08	014697	2.403	1.272	*****	******	30.037
Writing	MULTIPLE-CHOICE ITEMS	33	009981	14.245	5.480	0.764	2.662	43.166
	Organization	04	009981	1.499	1.040	0.263	0.893	37.475
	Sentence Structure	09	009981	3.654	1.933	0.494	1.375	40.600
	Standard Usage/Word Choice	10	009981	4.704	2.038	0.471	1.482	47.040
	Punctuation, Capitalization, Spelling	10	009981	4.388	2.249	0.579	1.459	43.880
	ESSAY	04	009981	1.206	0.544	0.622	0.334	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 6 SDAA II (Spring 2007) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	014646	18.069	3.750	0.424	2.846	50.191
	Basic Understanding	11	014646	5.166	1.652	0.099	1.568	46.963
	Literary Elements	07	014646	3.737	1.430	0.207	1.273	53.385
	Analysis Using Reading Strategies	07	014646	4.149	1.346	0.202	1.202	59.271
	Analysis Using Critical-Thinking Skills	11	014646	5.017	1.729	0.146	1.598	45.609
Mathematics	COMPLETE SUBTEST	44	012809	25.600	3.299	0.122	3.091	58.181
	Numbers, Operations, and Quantitative Reasoning	09	012809	4.907	1.496	0.106	1.414	54.522
	Patterns, Relationships, and Algebraic Reasoning	09	012809	5.433	1.368	0.000	1.368	60.366
	Geometric and Spatial Reasoning	07	012809	4.168	1.351	0.124	1.264	59.542
	Measurement	05	012809	2.539	1.131	0.079	1.085	50.780
	Probability and Statistics	06	012809	4.405	1.085	0.118	1.019	73.416
	Mathematical Processes and Tools	08	012809	4.149	1.408	0.110	1.328	51.862
Writing	MULTIPLE-CHOICE ITEMS	33	006926	21.943	3.750	0.533	2.563	66.493
	Organization	04	006926	2.417	0.988	0.217	0.874	60.425
	Sentence Structure	09	006926	5.753	1.659	0.355	1.332	63.922
	Standard Usage/Word Choice	10	006926	6.872	1.573	0.190	1.416	68.720
	Punctuation, Capitalization, Spelling	10	006926	6.902	1.749	0.370	1.388	69.020
	ESSAY	04	006926	2.184	0.390	0.298	0.327	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 6 SDAA II (Spring 2007) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	007295	28.522	2.680	0.241	2.335	79.227
	Basic Understanding	11	007295	8.308	1.472	0.168	1.343	75.527
	Literary Elements	07	007295	5.930	0.956	0.036	0.939	84.714
	Analysis Using Reading Strategies	07	007295	5.819	0.954	0.032	0.939	83.128
	Analysis Using Critical-Thinking Skills	11	007295	8.465	1.422	0.071	1.371	76.954
Mathematics	COMPLETE SUBTEST	44	001965	35.278	2.169	*****	******	80.177
	Numbers, Operations, and Quantitative Reasoning	09	001965	7.133	1.158	0.050	1.129	79.255
	Patterns, Relationships, and Algebraic Reasoning	09	001965	7.170	1.132	*****	******	79.666
	Geometric and Spatial Reasoning	07	001965	5.625	1.119	0.175	1.016	80.357
	Measurement	05	001965	3.855	0.938	0.067	0.906	77.100
	Probability and Statistics	06	001965	5.469	0.677	*****	******	91.150
	Mathematical Processes and Tools	08	001965	6.025	1.165	0.043	1.140	75.312
Writing	MULTIPLE-CHOICE ITEMS	33	000360	28.047	2.170	0.192	1.951	84.990
	Organization	04	000360	3.383	0.702	0.089	0.670	84.575
	Sentence Structure	09	000360	7.528	1.063	0.048	1.037	83.644
	Standard Usage/Word Choice	10	000360	8.486	1.112	0.005	1.109	84.860
	Punctuation, Capitalization, Spelling	10	000360	8.650	1.149	0.221	1.014	86.500
	ESSAY	04	000360	3.167	0.373	0.125	0.349	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 7 SDAA II (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	021727	21.662	7.977	0.866	2.920	51.576
	Basic Understanding	10	021727	5.128	2.319	0.618	1.433	51.280
	Literary Elements	09	021727	5.204	2.217	0.665	1.283	57.822
	Analysis Using Reading Strategies	09	021727	4.363	2.081	0.561	1.379	48.477
	Analysis Using Critical-Thinking Skills	14	021727	6.966	2.818	0.630	1.714	49.757
Mathematics	COMPLETE SUBTEST	46	024667	20.325	6.297	0.750	3.148	44.184
	Numbers, Operations, and Quantitative Reasoning	09	024667	4.153	1.901	0.455	1.403	46.144
	Patterns, Relationships, and Algebraic Reasoning	10	024667	3.925	1.821	0.377	1.437	39.250
	Geometric and Spatial Reasoning	07	024667	3.261	1.494	0.302	1.248	46.585
	Measurement	05	024667	1.884	1.147	0.235	1.003	37.680
	Probability and Statistics	07	024667	3.861	1.586	0.425	1.203	55.157
	Mathematical Processes and Tools	08	024667	3.242	1.542	0.227	1.356	40.525

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

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

3 Multiple-choice and gridded items only

Instructional Level 7 SDAA II (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	007546	22.540	7.537	0.850	2.919	53.666
	Basic Understanding	10	007546	5.221	2.212	0.577	1.439	52.210
	Literary Elements	09	007546	5.526	2.098	0.636	1.266	61.400
	Analysis Using Reading Strategies	09	007546	4.553	2.031	0.535	1.385	50.588
	Analysis Using Critical-Thinking Skills	14	007546	7.240	2.706	0.603	1.705	51.714
Mathematics	COMPLETE SUBTEST	46	008745	20.180	5.995	0.727	3.132	43.869
	Numbers, Operations, and Quantitative Reasoning	09	008745	4.121	1.851	0.437	1.389	45.788
	Patterns, Relationships, and Algebraic Reasoning	10	008745	3.780	1.733	0.327	1.422	37.800
	Geometric and Spatial Reasoning	07	008745	3.199	1.440	0.238	1.257	45.700
	Measurement	05	008745	1.814	1.115	0.201	0.997	36.280
	Probability and Statistics	07	008745	3.989	1.559	0.407	1.201	56.985
	Mathematical Processes and Tools	08	008745	3.277	1.543	0.230	1.354	40.962

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

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

3 Multiple-choice and gridded items only

Instructional Level 7 SDAA II (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	014126	21.193	8.160	0.871	2.931	50.459
	Basic Understanding	10	014126	5.079	2.372	0.638	1.427	50.790
	Literary Elements	09	014126	5.032	2.259	0.673	1.292	55.911
	Analysis Using Reading Strategies	09	014126	4.262	2.100	0.572	1.374	47.355
	Analysis Using Critical-Thinking Skills	14	014126	6.820	2.864	0.641	1.716	48.714
Mathematics	COMPLETE SUBTEST	46	015851	20.404	6.450	0.761	3.153	44.356
	Numbers, Operations, and Quantitative Reasoning	09	015851	4.170	1.926	0.466	1.407	46.333
	Patterns, Relationships, and Algebraic Reasoning	10	015851	4.006	1.862	0.398	1.445	40.060
	Geometric and Spatial Reasoning	07	015851	3.295	1.522	0.334	1.242	47.071
	Measurement	05	015851	1.921	1.162	0.252	1.005	38.420
	Probability and Statistics	07	015851	3.791	1.595	0.430	1.204	54.157
	Mathematical Processes and Tools	08	015851	3.221	1.540	0.227	1.354	40.262

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

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

3 Multiple-choice and gridded items only

Instructional Level 7 SDAA II (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	004757	20.830	7.886	0.862	2.930	49.595
	Basic Understanding	10	004757	4.952	2.293	0.609	1.434	49.520
	Literary Elements	09	004757	5.092	2.249	0.669	1.294	56.577
	Analysis Using Reading Strategies	09	004757	4.175	2.058	0.549	1.382	46.388
	Analysis Using Critical-Thinking Skills	14	004757	6.611	2.772	0.618	1.713	47.221
Mathematics	COMPLETE SUBTEST	46	005211	19.002	5.904	0.718	3.135	41.308
	Numbers, Operations, and Quantitative Reasoning	09	005211	3.897	1.850	0.430	1.397	43.300
	Patterns, Relationships, and Algebraic Reasoning	10	005211	3.636	1.711	0.311	1.420	36.360
	Geometric and Spatial Reasoning	07	005211	2.970	1.475	0.279	1.252	42.428
	Measurement	05	005211	1.715	1.047	0.127	0.978	34.300
	Probability and Statistics	07	005211	3.662	1.602	0.432	1.207	52.314
	Mathematical Processes and Tools	08	005211	3.122	1.514	0.201	1.353	39.025

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

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

3 Multiple-choice and gridded items only

Instructional Level 7 SDAA II (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000180	24.361	8.153	0.877	2.859	58.002
	Basic Understanding	10	000180	5.706	2.356	0.638	1.418	57.060
	Literary Elements	09	000180	5.783	2.083	0.645	1.241	64.255
	Analysis Using Reading Strategies	09	000180	4.789	2.237	0.642	1.338	53.211
	Analysis Using Critical-Thinking Skills	14	000180	8.083	2.869	0.657	1.680	57.735
Mathematics	COMPLETE SUBTEST	46	000187	22.834	6.824	0.788	3.142	49.639
	Numbers, Operations, and Quantitative Reasoning	09	000187	4.834	2.094	0.571	1.372	53.711
	Patterns, Relationships, and Algebraic Reasoning	10	000187	4.465	1.884	0.422	1.432	44.650
	Geometric and Spatial Reasoning	07	000187	3.599	1.494	0.286	1.262	51.414
	Measurement	05	000187	2.128	1.229	0.331	1.005	42.560
	Probability and Statistics	07	000187	4.246	1.634	0.474	1.185	60.657
	Mathematical Processes and Tools	08	000187	3.561	1.626	0.300	1.360	44.512

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

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

3 Multiple-choice and gridded items only

Instructional Level 7 SDAA II (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	009853	20.911	7.768	0.858	2.927	49.788
	Basic Understanding	10	009853	4.865	2.264	0.597	1.437	48.650
	Literary Elements	09	009853	5.043	2.183	0.648	1.295	56.033
	Analysis Using Reading Strategies	09	009853	4.193	2.031	0.537	1.382	46.588
	Analysis Using Critical-Thinking Skills	14	009853	6.810	2.780	0.621	1.711	48.642
Mathematics	COMPLETE SUBTEST	46	010913	19.793	6.039	0.729	3.144	43.028
	Numbers, Operations, and Quantitative Reasoning	09	010913	4.049	1.879	0.443	1.402	44.988
	Patterns, Relationships, and Algebraic Reasoning	10	010913	3.846	1.792	0.358	1.436	38.460
	Geometric and Spatial Reasoning	07	010913	3.232	1.456	0.270	1.244	46.171
	Measurement	05	010913	1.797	1.129	0.222	0.996	35.940
	Probability and Statistics	07	010913	3.764	1.557	0.395	1.211	53.771
	Mathematical Processes and Tools	08	010913	3.106	1.500	0.188	1.352	38.825

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

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

3 Multiple-choice and gridded items only

Instructional Level 7 SDAA II (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000102	23.784	7.580	0.853	2.906	56.628
	Basic Understanding	10	000102	5.951	2.145	0.562	1.420	59.510
	Literary Elements	09	000102	5.598	2.190	0.682	1.235	62.200
	Analysis Using Reading Strategies	09	000102	4.755	2.051	0.547	1.380	52.833
	Analysis Using Critical-Thinking Skills	14	000102	7.480	2.792	0.620	1.721	53.428
Mathematics	COMPLETE SUBTEST	46	000123	21.138	6.391	0.758	3.144	45.952
	Numbers, Operations, and Quantitative Reasoning	09	000123	4.236	1.779	0.353	1.431	47.066
	Patterns, Relationships, and Algebraic Reasoning	10	000123	3.967	2.052	0.533	1.402	39.670
	Geometric and Spatial Reasoning	07	000123	3.602	1.481	0.269	1.266	51.457
	Measurement	05	000123	1.878	1.164	0.254	1.005	37.560
	Probability and Statistics	07	000123	4.016	1.536	0.417	1.173	57.371
	Mathematical Processes and Tools	08	000123	3.439	1.738	0.421	1.322	42.987

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

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

3 Multiple-choice and gridded items only

Instructional Level 7 SDAA II (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	006749	23.232	8.087	0.871	2.905	55.314
	Basic Understanding	10	006749	5.605	2.338	0.632	1.418	56.050
	Literary Elements	09	006749	5.495	2.218	0.677	1.261	61.055
	Analysis Using Reading Strategies	09	006749	4.727	2.114	0.579	1.372	52.522
	Analysis Using Critical-Thinking Skills	14	006749	7.405	2.841	0.636	1.714	52.892
Mathematics	COMPLETE SUBTEST	46	008141	21.813	6.547	0.767	3.160	47.419
	Numbers, Operations, and Quantitative Reasoning	09	008141	4.437	1.919	0.461	1.409	49.300
	Patterns, Relationships, and Algebraic Reasoning	10	008141	4.204	1.877	0.405	1.448	42.040
	Geometric and Spatial Reasoning	07	008141	3.472	1.524	0.332	1.246	49.600
	Measurement	05	008141	2.102	1.197	0.266	1.026	42.040
	Probability and Statistics	07	008141	4.109	1.578	0.435	1.186	58.700
	Mathematical Processes and Tools	08	008141	3.491	1.579	0.260	1.358	43.637

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

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

3 Multiple-choice and gridded items only

Instructional Level 7 SDAA II (Spring 2007) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	004804	11.070	2.386	*****	******	26.357
	Basic Understanding	10	004804	2.577	1.318	*****	******	25.770
	Literary Elements	09	004804	2.542	1.351	0.036	1.326	28.244
	Analysis Using Reading Strategies	09	004804	2.197	1.211	*****	******	24.411
	Analysis Using Critical-Thinking Skills	14	004804	3.754	1.537	*****	******	26.814
Mathematics	COMPLETE SUBTEST	46	008936	13.936	2.573	*****	******	30.295
	Numbers, Operations, and Quantitative Reasoning	09	008936	2.701	1.342	*****	******	30.011
	Patterns, Relationships, and Algebraic Reasoning	10	008936	2.695	1.305	*****	******	26.950
	Geometric and Spatial Reasoning	07	008936	2.321	1.212	*****	******	33.157
	Measurement	05	008936	1.251	0.879	*****	******	25.020
	Probability and Statistics	07	008936	2.668	1.254	0.044	1.226	38.114
	Mathematical Processes and Tools	08	008936	2.301	1.226	*****	******	28.762

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

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

3 Multiple-choice and gridded items only

Instructional Level 7 SDAA II (Spring 2007) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	013498	22.325	4.530	0.550	3.039	53.154
	Basic Understanding	10	013498	5.272	1.738	0.260	1.495	52.720
	Literary Elements	09	013498	5.481	1.629	0.339	1.324	60.900
	Analysis Using Reading Strategies	09	013498	4.445	1.591	0.173	1.447	49.388
	Analysis Using Critical-Thinking Skills	14	013498	7.127	1.975	0.198	1.769	50.907
Mathematics	COMPLETE SUBTEST	46	014065	22.834	3.486	0.137	3.238	49.639
	Numbers, Operations, and Quantitative Reasoning	09	014065	4.737	1.540	0.110	1.453	52.633
	Patterns, Relationships, and Algebraic Reasoning	10	014065	4.358	1.521	0.039	1.491	43.580
	Geometric and Spatial Reasoning	07	014065	3.642	1.313	0.066	1.269	52.028
	Measurement	05	014065	2.098	1.050	0.004	1.048	41.960
	Probability and Statistics	07	014065	4.391	1.292	0.130	1.205	62.728
	Mathematical Processes and Tools	08	014065	3.609	1.374	*****	******	45.112

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

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

3 Multiple-choice and gridded items only

Instructional Level 7 SDAA II (Spring 2007) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	003425	33.904	2.417	*****	******	80.723
	Basic Understanding	10	003425	8.137	1.224	0.041	1.199	81.370
	Literary Elements	09	003425	7.849	0.970	0.079	0.931	87.211
	Analysis Using Reading Strategies	09	003425	7.080	1.206	0.009	1.201	78.666
	Analysis Using Critical-Thinking Skills	14	003425	10.838	1.456	*****	******	77.414
Mathematics	COMPLETE SUBTEST	46	001666	33.409	2.387	*****	******	72.628
	Numbers, Operations, and Quantitative Reasoning	09	001666	7.012	1.206	*****	******	77.911
	Patterns, Relationships, and Algebraic Reasoning	10	001666	6.871	1.427	0.004	1.424	68.710
	Geometric and Spatial Reasoning	07	001666	5.086	1.155	0.053	1.124	72.657
	Measurement	05	001666	3.468	0.998	*****	******	69.360
	Probability and Statistics	07	001666	5.785	0.985	0.036	0.967	82.642
	Mathematical Processes and Tools	08	001666	5.187	1.236	*****	******	64.837

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

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

3 Multiple-choice and gridded items only

Instructional Level 8 SDAA II (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	017596	19.898	7.590	0.845	2.988	47.376
	Basic Understanding	10	017596	4.902	2.139	0.534	1.460	49.020
	Literary Elements	09	017596	4.422	2.090	0.550	1.402	49.133
	Analysis Using Reading Strategies	09	017596	4.231	2.124	0.593	1.355	47.011
	Analysis Using Critical-Thinking Skills	14	017596	6.344	2.806	0.618	1.734	45.314
Mathematics	COMPLETE SUBTEST	48	019828	23.004	6.920	0.792	3.156	47.925
	Numbers, Operations, and Quantitative Reasoning	09	019828	4.155	1.907	0.471	1.387	46.166
	Patterns, Relationships, and Algebraic Reasoning	10	019828	4.488	2.168	0.550	1.454	44.880
	Geometric and Spatial Reasoning	07	019828	3.917	1.439	0.339	1.170	55.957
	Measurement	05	019828	1.728	1.017	0.067	0.982	34.560
	Probability and Statistics	08	019828	4.747	1.606	0.390	1.254	59.337
	Mathematical Processes and Tools	09	019828	3.970	1.871	0.449	1.389	44.111
Writing	MULTIPLE-CHOICE ITEMS	40	001679	22.004	7.379	0.851	2.848	55.010
	Organization	06	001679	3.432	1.537	0.508	1.078	57.200
	Sentence Structure	10	001679	5.046	2.121	0.553	1.418	50.460
	Standard Usage/Word Choice	12	001679	6.571	2.672	0.666	1.544	54.758
	Punctuation, Capitalization, Spelling	12	001679	6.954	2.764	0.681	1.561	57.950
	ESSAY	04	001679	1.395	0.646	0.705	0.351	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 8 SDAA II (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	006102	20.658	7.425	0.837	2.998	49.185
	Basic Understanding	10	006102	5.028	2.100	0.517	1.459	50.280
	Literary Elements	09	006102	4.642	2.035	0.521	1.408	51.577
	Analysis Using Reading Strategies	09	006102	4.372	2.090	0.580	1.354	48.577
	Analysis Using Critical-Thinking Skills	14	006102	6.617	2.811	0.615	1.744	47.264
Mathematics	COMPLETE SUBTEST	48	006993	22.805	6.608	0.773	3.148	47.510
	Numbers, Operations, and Quantitative Reasoning	09	006993	4.204	1.834	0.435	1.379	46.711
	Patterns, Relationships, and Algebraic Reasoning	10	006993	4.504	2.151	0.542	1.456	45.040
	Geometric and Spatial Reasoning	07	006993	3.815	1.442	0.334	1.177	54.500
	Measurement	05	006993	1.729	1.012	0.078	0.972	34.580
	Probability and Statistics	08	006993	4.677	1.536	0.335	1.253	58.462
	Mathematical Processes and Tools	09	006993	3.876	1.815	0.422	1.380	43.066
Writing	MULTIPLE-CHOICE ITEMS	40	000574	23.512	6.888	0.834	2.806	58.780
	Organization	06	000574	3.523	1.443	0.454	1.066	58.716
	Sentence Structure	10	000574	5.376	2.003	0.503	1.412	53.760
	Standard Usage/Word Choice	12	000574	7.007	2.583	0.655	1.517	58.391
	Punctuation, Capitalization, Spelling	12	000574	7.606	2.559	0.639	1.538	63.383
	ESSAY	04	000574	1.521	0.643	0.662	0.374	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 8 SDAA II (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	011439	19.488	7.640	0.848	2.979	46.400
	Basic Understanding	10	011439	4.834	2.155	0.543	1.457	48.340
	Literary Elements	09	011439	4.302	2.108	0.561	1.397	47.800
	Analysis Using Reading Strategies	09	011439	4.155	2.136	0.600	1.351	46.166
	Analysis Using Critical-Thinking Skills	14	011439	6.197	2.791	0.616	1.730	44.264
Mathematics	COMPLETE SUBTEST	48	012763	23.103	7.080	0.801	3.158	48.131
	Numbers, Operations, and Quantitative Reasoning	09	012763	4.126	1.945	0.492	1.386	45.844
	Patterns, Relationships, and Algebraic Reasoning	10	012763	4.477	2.178	0.555	1.453	44.770
	Geometric and Spatial Reasoning	07	012763	3.972	1.435	0.338	1.168	56.742
	Measurement	05	012763	1.726	1.019	0.058	0.989	34.520
	Probability and Statistics	08	012763	4.784	1.642	0.418	1.253	59.800
	Mathematical Processes and Tools	09	012763	4.017	1.897	0.461	1.393	44.633
Writing	MULTIPLE-CHOICE ITEMS	40	001101	21.220	7.482	0.853	2.869	53.050
	Organization	06	001101	3.385	1.577	0.530	1.081	56.416
	Sentence Structure	10	001101	4.875	2.158	0.567	1.420	48.750
	Standard Usage/Word Choice	12	001101	6.344	2.683	0.663	1.558	52.866
	Punctuation, Capitalization, Spelling	12	001101	6.616	2.801	0.686	1.570	55.133
	ESSAY	04	001101	1.331	0.635	0.718	0.337	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 8 SDAA II (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	003760	19.215	7.382	0.836	2.989	45.750
	Basic Understanding	10	003760	4.764	2.147	0.538	1.459	47.640
	Literary Elements	09	003760	4.325	2.037	0.521	1.410	48.055
	Analysis Using Reading Strategies	09	003760	3.969	2.072	0.574	1.352	44.100
	Analysis Using Critical-Thinking Skills	14	003760	6.156	2.746	0.601	1.735	43.971
Mathematics	COMPLETE SUBTEST	48	004069	21.323	6.474	0.762	3.158	44.422
	Numbers, Operations, and Quantitative Reasoning	09	004069	3.823	1.768	0.393	1.377	42.477
	Patterns, Relationships, and Algebraic Reasoning	10	004069	4.172	2.096	0.526	1.443	41.720
	Geometric and Spatial Reasoning	07	004069	3.539	1.437	0.318	1.187	50.557
	Measurement	05	004069	1.673	1.010	0.061	0.979	33.460
	Probability and Statistics	08	004069	4.497	1.619	0.378	1.277	56.212
	Mathematical Processes and Tools	09	004069	3.620	1.758	0.376	1.389	40.222
Writing	MULTIPLE-CHOICE ITEMS	40	000369	20.453	7.087	0.834	2.887	51.132
	Organization	06	000369	3.089	1.518	0.476	1.099	51.483
	Sentence Structure	10	000369	4.588	2.051	0.516	1.427	45.880
	Standard Usage/Word Choice	12	000369	6.168	2.571	0.621	1.583	51.400
	Punctuation, Capitalization, Spelling	12	000369	6.607	2.747	0.670	1.578	55.058
	ESSAY	04	000369	1.247	0.627	0.725	0.329	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 8 SDAA II (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000106	20.179	7.379	0.837	2.979	48.045
	Basic Understanding	10	000106	4.962	2.151	0.549	1.445	49.620
	Literary Elements	09	000106	4.349	2.187	0.606	1.373	48.322
	Analysis Using Reading Strategies	09	000106	4.519	1.919	0.490	1.370	50.211
	Analysis Using Critical-Thinking Skills	14	000106	6.349	2.644	0.564	1.746	45.350
Mathematics	COMPLETE SUBTEST	48	000110	24.391	7.224	0.814	3.116	50.814
	Numbers, Operations, and Quantitative Reasoning	09	000110	4.573	1.942	0.497	1.377	50.811
	Patterns, Relationships, and Algebraic Reasoning	10	000110	4.909	2.309	0.620	1.423	49.090
	Geometric and Spatial Reasoning	07	000110	4.245	1.435	0.363	1.145	60.642
	Measurement	05	000110	1.855	1.030	0.133	0.959	37.100
	Probability and Statistics	08	000110	4.845	1.479	0.294	1.243	60.562
	Mathematical Processes and Tools	09	000110	3.964	2.004	0.532	1.371	44.044
Writing	MULTIPLE-CHOICE ITEMS	40	000011	23.273	6.001	0.787	2.770	58.182
	Organization	06	000011	3.273	1.794	0.720	0.949	54.550
	Sentence Structure	10	000011	5.909	1.514	0.101	1.436	59.090
	Standard Usage/Word Choice	12	000011	6.727	1.902	0.344	1.541	56.058
	Punctuation, Capitalization, Spelling	12	000011	7.364	2.420	0.620	1.492	61.366
	ESSAY	04	000011	1.000	0.632	0.692	0.351	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 8 SDAA II (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	008063	18.762	7.212	0.828	2.991	44.671
	Basic Understanding	10	008063	4.691	2.094	0.510	1.466	46.910
	Literary Elements	09	008063	4.168	2.043	0.532	1.398	46.311
	Analysis Using Reading Strategies	09	008063	3.993	2.065	0.570	1.354	44.366
	Analysis Using Critical-Thinking Skills	14	008063	5.909	2.647	0.568	1.740	42.207
Mathematics	COMPLETE SUBTEST	48	008807	22.369	6.637	0.774	3.155	46.602
	Numbers, Operations, and Quantitative Reasoning	09	008807	4.034	1.887	0.464	1.382	44.822
	Patterns, Relationships, and Algebraic Reasoning	10	008807	4.403	2.145	0.538	1.458	44.030
	Geometric and Spatial Reasoning	07	008807	3.902	1.404	0.308	1.168	55.742
	Measurement	05	008807	1.676	1.002	0.044	0.980	33.520
	Probability and Statistics	08	008807	4.620	1.590	0.377	1.255	57.750
	Mathematical Processes and Tools	09	008807	3.733	1.789	0.394	1.393	41.477
Writing	MULTIPLE-CHOICE ITEMS	40	000660	21.438	7.063	0.835	2.869	53.595
	Organization	06	000660	3.321	1.477	0.451	1.094	55.350
	Sentence Structure	10	000660	4.900	2.037	0.508	1.429	49.000
	Standard Usage/Word Choice	12	000660	6.365	2.651	0.658	1.550	53.041
	Punctuation, Capitalization, Spelling	12	000660	6.852	2.657	0.649	1.574	57.100
	ESSAY	04	000660	1.448	0.640	0.679	0.363	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 8 SDAA II (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000074	22.730	8.630	0.888	2.888	54.119
	Basic Understanding	10	000074	5.595	2.311	0.642	1.383	55.950
	Literary Elements	09	000074	5.162	2.422	0.706	1.313	57.355
	Analysis Using Reading Strategies	09	000074	4.743	2.196	0.623	1.348	52.700
	Analysis Using Critical-Thinking Skills	14	000074	7.230	3.032	0.689	1.691	51.642
Mathematics	COMPLETE SUBTEST	48	000090	24.922	7.387	0.823	3.108	51.920
	Numbers, Operations, and Quantitative Reasoning	09	000090	4.367	1.875	0.448	1.393	48.522
	Patterns, Relationships, and Algebraic Reasoning	10	000090	5.022	2.403	0.653	1.416	50.220
	Geometric and Spatial Reasoning	07	000090	4.267	1.389	0.295	1.166	60.957
	Measurement	05	000090	1.578	0.899	*****	******	31.560
	Probability and Statistics	08	000090	5.078	1.486	0.284	1.257	63.475
	Mathematical Processes and Tools	09	000090	4.611	1.900	0.475	1.377	51.233
Writing	MULTIPLE-CHOICE ITEMS	40	000009	24.222	6.996	0.849	2.719	60.555
	Organization	06	000009	3.889	1.167	0.220	1.031	64.816
	Sentence Structure	10	000009	5.778	1.922	0.495	1.366	57.780
	Standard Usage/Word Choice	12	000009	6.889	2.619	0.663	1.520	57.408
	Punctuation, Capitalization, Spelling	12	000009	7.667	2.739	0.714	1.465	63.891
	ESSAY	04	000009	1.556	0.727	0.783	0.339	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 8 SDAA II (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	005509	21.989	7.809	0.855	2.974	52.354
	Basic Understanding	10	005509	5.295	2.138	0.541	1.448	52.950
	Literary Elements	09	005509	4.851	2.117	0.567	1.393	53.900
	Analysis Using Reading Strategies	09	005509	4.747	2.151	0.606	1.350	52.744
	Analysis Using Critical-Thinking Skills	14	005509	7.097	2.913	0.652	1.718	50.692
Mathematics	COMPLETE SUBTEST	48	006650	24.839	7.126	0.806	3.139	51.747
	Numbers, Operations, and Quantitative Reasoning	09	006650	4.512	1.957	0.494	1.392	50.133
	Patterns, Relationships, and Algebraic Reasoning	10	006650	4.787	2.200	0.563	1.454	47.870
	Geometric and Spatial Reasoning	07	006650	4.159	1.437	0.351	1.158	59.414
	Measurement	05	006650	1.829	1.033	0.083	0.989	36.580
	Probability and Statistics	08	006650	5.065	1.574	0.388	1.231	63.312
	Mathematical Processes and Tools	09	006650	4.488	1.926	0.485	1.382	49.866
Writing	MULTIPLE-CHOICE ITEMS	40	000626	23.412	7.650	0.867	2.790	58.530
	Organization	06	000626	3.733	1.550	0.542	1.049	62.216
	Sentence Structure	10	000626	5.438	2.192	0.596	1.393	54.380
	Standard Usage/Word Choice	12	000626	7.005	2.704	0.689	1.508	58.375
	Punctuation, Capitalization, Spelling	12	000626	7.236	2.866	0.715	1.530	60.300
	ESSAY	04	000626	1.430	0.649	0.715	0.346	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 8 SDAA II (Spring 2007) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	004989	11.070	2.400	*****	******	26.357
	Basic Understanding	10	004989	2.810	1.401	*****	******	28.100
	Literary Elements	09	004989	2.429	1.279	*****	******	26.988
	Analysis Using Reading Strategies	09	004989	2.181	1.233	*****	******	24.233
	Analysis Using Critical-Thinking Skills	14	004989	3.651	1.512	*****	******	26.078
Mathematics	COMPLETE SUBTEST	48	005604	15.010	2.692	*****	******	31.270
	Numbers, Operations, and Quantitative Reasoning	09	005604	2.560	1.320	0.013	1.311	28.444
	Patterns, Relationships, and Algebraic Reasoning	10	005604	2.509	1.319	*****	******	25.090
	Geometric and Spatial Reasoning	07	005604	2.824	1.190	0.030	1.172	40.342
	Measurement	05	005604	1.294	0.916	*****	******	25.880
	Probability and Statistics	08	005604	3.353	1.329	0.054	1.293	41.912
	Mathematical Processes and Tools	09	005604	2.470	1.276	*****	******	27.444
Writing	MULTIPLE-CHOICE ITEMS	40	001134	19.402	7.093	0.833	2.899	48.505
	Organization	06	001134	3.071	1.524	0.473	1.106	51.183
	Sentence Structure	10	001134	4.465	2.060	0.513	1.438	44.650
	Standard Usage/Word Choice	12	001134	5.746	2.566	0.623	1.576	47.883
	Punctuation, Capitalization, Spelling	12	001134	6.120	2.725	0.658	1.594	51.000
	ESSAY	04	001134	1.041	0.414	0.549	0.278	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 8 SDAA II (Spring 2007) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	011801	22.554	5.127	0.638	3.085	53.700
	Basic Understanding	10	011801	5.556	1.689	0.218	1.494	55.560
	Literary Elements	09	011801	5.032	1.709	0.281	1.449	55.911
	Analysis Using Reading Strategies	09	011801	4.856	1.732	0.346	1.401	53.955
	Analysis Using Critical-Thinking Skills	14	011801	7.110	2.233	0.353	1.796	50.785
Mathematics	COMPLETE SUBTEST	48	011749	24.272	3.592	0.193	3.227	50.566
	Numbers, Operations, and Quantitative Reasoning	09	011749	4.365	1.505	0.094	1.433	48.500
	Patterns, Relationships, and Algebraic Reasoning	10	011749	4.792	1.671	0.176	1.517	47.920
	Geometric and Spatial Reasoning	07	011749	4.113	1.221	0.063	1.182	58.757
	Measurement	05	011749	1.774	0.956	*****	******	35.480
	Probability and Statistics	08	011749	5.062	1.293	0.053	1.258	63.275
	Mathematical Processes and Tools	09	011749	4.165	1.531	0.125	1.432	46.277
Writing	MULTIPLE-CHOICE ITEMS	40	000519	27.104	4.311	0.597	2.737	67.760
	Organization	06	000519	4.137	1.261	0.335	1.028	68.950
	Sentence Structure	10	000519	6.181	1.691	0.346	1.368	61.810
	Standard Usage/Word Choice	12	000519	8.177	1.963	0.432	1.479	68.141
	Punctuation, Capitalization, Spelling	12	000519	8.609	1.901	0.386	1.490	71.741
	ESSAY	04	000519	2.089	0.285	0.179	0.258	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 8 SDAA II (Spring 2007) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000806	35.664	1.698	*****	******	84.914
	Basic Understanding	10	000806	8.274	1.110	*****	******	82.740
	Literary Elements	09	000806	7.823	0.935	*****	******	86.922
	Analysis Using Reading Strategies	09	000806	7.772	0.940	*****	******	86.355
	Analysis Using Critical-Thinking Skills	14	000806	11.795	1.215	*****	******	84.250
Mathematics	COMPLETE SUBTEST	48	002475	35.083	2.787	*****	******	73.089
	Numbers, Operations, and Quantitative Reasoning	09	002475	6.768	1.276	*****	******	75.200
	Patterns, Relationships, and Algebraic Reasoning	10	002475	7.526	1.387	0.100	1.316	75.260
	Geometric and Spatial Reasoning	07	002475	5.460	1.017	0.024	1.005	78.000
	Measurement	05	002475	2.489	1.015	*****	******	49.780
	Probability and Statistics	08	002475	6.405	1.054	0.023	1.042	80.062
	Mathematical Processes and Tools	09	002475	6.434	1.369	0.086	1.309	71.488
Writing	MULTIPLE-CHOICE ITEMS	40	000026	33.654	1.384	*****	******	84.135
	Organization	06	000026	5.115	1.071	0.502	0.756	85.250
	Sentence Structure	10	000026	7.769	0.815	*****	1.215	77.690
	Standard Usage/Word Choice	12	000026	10.462	0.904	*****	1.083	87.183
	Punctuation, Capitalization, Spelling	12	000026	10.308	1.087	*****	1.182	85.900
	ESSAY	04	000026	3.038	0.195	0.265	0.167	N/A

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

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

3 Multiple-choice and gridded items only

Instructional Level 9 SDAA II (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	011368	17.525	6.936	0.870	2.501	55.490
	Basic Understanding	10	011368	6.119	2.431	0.681	1.373	61.190
	Literary Elements and Techniques	12	011368	5.727	2.654	0.710	1.429	53.790
	Analysis and Evaluation	12	011368	5.680	2.789	0.735	1.436	51.500
Mathematics	COMPLETE SUBTEST	50	013004	19.725	6.625	0.757	3.266	39.450
	Functional Relationships	05	013004	1.709	1.170	0.228	1.028	34.180
	Properties and Attributes of Functions	05	013004	2.109	1.190	0.195	1.068	42.180
	Linear Functions	05	013004	1.740	1.225	0.348	0.989	34.800
	Linear Equations and Inequalities	05	013004	1.786	1.117	0.101	1.059	35.720
	Quadratic and Other Nonlinear Functions	04	013004	1.349	1.025	0.211	0.910	33.725
	Geometric Relationships and Spatial Reasoning	04	013004	1.757	1.089	0.260	0.937	43.925
	Two- and Three-Dimensional Representations	04	013004	2.289	0.988	0.191	0.889	57.225
	Measurements	05	013004	1.999	1.173	0.214	1.040	39.980
	Percents, Proportions, Probability, and Statistics	05	013004	1.722	1.198	0.273	1.021	34.440
	Mathematical Processes and Tools	08	013004	3.266	1.664	0.389	1.301	40.825

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

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

3 Multiple-choice and gridded items only

Instructional Level 9 SDAA II (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	003647	18.375	6.622	0.859	2.487	57.866
	Basic Understanding	10	003647	6.291	2.337	0.658	1.367	62.910
	Literary Elements and Techniques	12	003647	6.027	2.572	0.690	1.432	56.420
	Analysis and Evaluation	12	003647	6.056	2.656	0.709	1.433	54.260
Mathematics	COMPLETE SUBTEST	50	004257	19.535	6.372	0.739	3.255	39.070
	Functional Relationships	05	004257	1.818	1.175	0.215	1.041	36.360
	Properties and Attributes of Functions	05	004257	2.094	1.158	0.147	1.070	41.880
	Linear Functions	05	004257	1.721	1.212	0.355	0.973	34.420
	Linear Equations and Inequalities	05	004257	1.788	1.096	0.057	1.064	35.760
	Quadratic and Other Nonlinear Functions	04	004257	1.355	1.035	0.233	0.906	33.875
	Geometric Relationships and Spatial Reasoning	04	004257	1.757	1.063	0.234	0.930	43.925
	Two- and Three-Dimensional Representations	04	004257	2.283	0.966	0.137	0.897	57.075
	Measurements	05	004257	1.909	1.139	0.183	1.030	38.180
	Percents, Proportions, Probability, and Statistics	05	004257	1.599	1.166	0.251	1.009	31.980
	Mathematical Processes and Tools	08	004257	3.210	1.637	0.370	1.299	40.125

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

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

3 Multiple-choice and gridded items only

Instructional Level 9 SDAA II (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	007659	17.113	7.047	0.875	2.491	54.336
	Basic Understanding	10	007659	6.033	2.472	0.691	1.374	60.330
	Literary Elements and Techniques	12	007659	5.581	2.682	0.716	1.429	52.500
	Analysis and Evaluation	12	007659	5.499	2.833	0.744	1.433	50.180
Mathematics	COMPLETE SUBTEST	50	008665	19.823	6.749	0.766	3.265	39.646
	Functional Relationships	05	008665	1.657	1.164	0.230	1.021	33.140
	Properties and Attributes of Functions	05	008665	2.117	1.206	0.219	1.066	42.340
	Linear Functions	05	008665	1.750	1.232	0.347	0.996	35.000
	Linear Equations and Inequalities	05	008665	1.786	1.127	0.124	1.055	35.720
	Quadratic and Other Nonlinear Functions	04	008665	1.344	1.021	0.202	0.912	33.600
	Geometric Relationships and Spatial Reasoning	04	008665	1.755	1.102	0.275	0.938	43.875
	Two- and Three-Dimensional Representations	04	008665	2.292	0.998	0.215	0.884	57.300
	Measurements	05	008665	2.043	1.187	0.228	1.043	40.860
	Percents, Proportions, Probability, and Statistics	05	008665	1.784	1.209	0.278	1.027	35.680
	Mathematical Processes and Tools	08	008665	3.293	1.675	0.397	1.301	41.162

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

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

3 Multiple-choice and gridded items only

Instructional Level 9 SDAA II (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	002493	16.581	6.735	0.861	2.511	52.780
	Basic Understanding	10	002493	5.870	2.367	0.651	1.398	58.700
	Literary Elements and Techniques	12	002493	5.414	2.643	0.707	1.431	51.160
	Analysis and Evaluation	12	002493	5.297	2.712	0.715	1.448	48.480
Mathematics	COMPLETE SUBTEST	50	002754	18.042	5.876	0.698	3.229	36.084
	Functional Relationships	05	002754	1.573	1.144	0.228	1.005	31.460
	Properties and Attributes of Functions	05	002754	1.983	1.157	0.157	1.062	39.660
	Linear Functions	05	002754	1.500	1.147	0.310	0.953	30.000
	Linear Equations and Inequalities	05	002754	1.723	1.105	0.098	1.049	34.460
	Quadratic and Other Nonlinear Functions	04	002754	1.265	1.000	0.189	0.901	31.625
	Geometric Relationships and Spatial Reasoning	04	002754	1.539	1.025	0.201	0.916	38.475
	Two- and Three-Dimensional Representations	04	002754	2.147	0.980	0.135	0.911	53.675
	Measurements	05	002754	1.780	1.128	0.170	1.028	35.600
	Percents, Proportions, Probability, and Statistics	05	002754	1.552	1.130	0.207	1.006	31.040
	Mathematical Processes and Tools	08	002754	2.980	1.508	0.256	1.301	37.250

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

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

3 Multiple-choice and gridded items only

Instructional Level 9 SDAA II (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	000063	16.794	6.982	0.872	2.498	53.440
	Basic Understanding	10	000063	5.968	2.335	0.658	1.366	59.680
	Literary Elements and Techniques	12	000063	5.476	2.822	0.748	1.417	51.270
	Analysis and Evaluation	12	000063	5.349	2.806	0.737	1.439	49.370
Mathematics	COMPLETE SUBTEST	50	000062	20.694	7.024	0.789	3.226	41.388
	Functional Relationships	05	000062	1.871	1.248	0.336	1.017	37.420
	Properties and Attributes of Functions	05	000062	2.081	1.149	0.159	1.054	41.620
	Linear Functions	05	000062	1.919	1.334	0.497	0.946	38.380
	Linear Equations and Inequalities	05	000062	1.887	1.147	0.140	1.064	37.740
	Quadratic and Other Nonlinear Functions	04	000062	1.710	1.206	0.445	0.898	42.750
	Geometric Relationships and Spatial Reasoning	04	000062	1.935	1.129	0.373	0.894	48.375
	Two- and Three-Dimensional Representations	04	000062	2.161	0.834	*****	******	54.025
	Measurements	05	000062	2.032	1.201	0.274	1.023	40.640
	Percents, Proportions, Probability, and Statistics	05	000062	1.855	1.253	0.332	1.024	37.100
	Mathematical Processes and Tools	08	000062	3.242	1.512	0.260	1.301	40.525

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

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

3 Multiple-choice and gridded items only

Instructional Level 9 SDAA II (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	005140	16.378	6.711	0.859	2.520	51.986
	Basic Understanding	10	005140	5.751	2.409	0.663	1.398	57.510
	Literary Elements and Techniques	12	005140	5.324	2.562	0.679	1.452	50.290
	Analysis and Evaluation	12	005140	5.304	2.728	0.719	1.446	48.170
Mathematics	COMPLETE SUBTEST	50	005717	19.121	6.417	0.744	3.247	38.242
	Functional Relationships	05	005717	1.721	1.172	0.228	1.030	34.420
	Properties and Attributes of Functions	05	005717	2.076	1.184	0.195	1.062	41.520
	Linear Functions	05	005717	1.694	1.194	0.331	0.977	33.880
	Linear Equations and Inequalities	05	005717	1.716	1.091	0.068	1.053	34.320
	Quadratic and Other Nonlinear Functions	04	005717	1.315	1.014	0.197	0.909	32.875
	Geometric Relationships and Spatial Reasoning	04	005717	1.720	1.077	0.256	0.929	43.000
	Two- and Three-Dimensional Representations	04	005717	2.249	0.985	0.187	0.888	56.225
	Measurements	05	005717	1.957	1.169	0.210	1.039	39.140
	Percents, Proportions, Probability, and Statistics	05	005717	1.621	1.144	0.208	1.018	32.420
	Mathematical Processes and Tools	08	005717	3.051	1.620	0.361	1.295	38.137

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

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

3 Multiple-choice and gridded items only

Instructional Level 9 SDAA II (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	000044	20.818	6.721	0.876	2.367	65.756
	Basic Understanding	10	000044	7.000	2.313	0.689	1.290	70.000
	Literary Elements and Techniques	12	000044	6.932	2.453	0.684	1.379	64.550
	Analysis and Evaluation	12	000044	6.886	2.590	0.717	1.378	62.730
Mathematics	COMPLETE SUBTEST	50	000054	20.815	6.732	0.765	3.263	41.630
	Functional Relationships	05	000054	1.593	1.174	0.272	1.002	31.860
	Properties and Attributes of Functions	05	000054	2.296	1.238	0.254	1.069	45.920
	Linear Functions	05	000054	1.722	1.309	0.441	0.979	34.440
	Linear Equations and Inequalities	05	000054	1.907	1.120	0.081	1.074	38.140
	Quadratic and Other Nonlinear Functions	04	000054	1.370	0.897	*****	******	34.250
	Geometric Relationships and Spatial Reasoning	04	000054	1.981	1.000	0.092	0.953	49.525
	Two- and Three-Dimensional Representations	04	000054	2.315	0.968	0.134	0.901	57.875
	Measurements	05	000054	1.963	1.098	0.149	1.013	39.260
	Percents, Proportions, Probability, and Statistics	05	000054	2.093	1.202	0.230	1.055	41.860
	Mathematical Processes and Tools	08	000054	3.574	1.797	0.478	1.298	44.675

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

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

3 Multiple-choice and gridded items only

Instructional Level 9 SDAA II (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	003583	19.776	6.837	0.873	2.437	62.243
	Basic Understanding	10	003583	6.804	2.361	0.691	1.312	68.040
	Literary Elements and Techniques	12	003583	6.503	2.616	0.716	1.394	60.460
	Analysis and Evaluation	12	003583	6.469	2.762	0.740	1.408	58.230
Mathematics	COMPLETE SUBTEST	50	004327	21.558	6.906	0.772	3.298	43.116
	Functional Relationships	05	004327	1.779	1.176	0.221	1.038	35.580
	Properties and Attributes of Functions	05	004327	2.229	1.209	0.211	1.074	44.580
	Linear Functions	05	004327	1.950	1.274	0.357	1.022	39.000
	Linear Equations and Inequalities	05	004327	1.918	1.146	0.129	1.070	38.360
	Quadratic and Other Nonlinear Functions	04	004327	1.438	1.046	0.228	0.919	35.950
	Geometric Relationships and Spatial Reasoning	04	004327	1.936	1.116	0.275	0.950	48.400
	Two- and Three-Dimensional Representations	04	004327	2.431	0.981	0.202	0.876	60.775
	Measurements	05	004327	2.195	1.177	0.210	1.046	43.900
	Percents, Proportions, Probability, and Statistics	05	004327	1.957	1.270	0.336	1.035	39.140
	Mathematical Processes and Tools	08	004327	3.723	1.718	0.427	1.300	46.537

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

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

3 Multiple-choice and gridded items only

Instructional Level 9 SDAA II (Spring 2007) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	001721	7.220	1.776	0.740	2.343	23.650
	Basic Understanding	10	001721	2.727	1.345	*****	******	27.270
	Literary Elements and Techniques	12	001721	2.363	1.305	0.051	1.338	23.090
	Analysis and Evaluation	12	001721	2.130	1.235	0.098	1.294	20.580
Mathematics	COMPLETE SUBTEST	50	008442	15.758	3.524	0.185	3.181	31.516
	Functional Relationships	05	008442	1.344	1.001	0.030	0.986	26.880
	Properties and Attributes of Functions	05	008442	1.727	1.058	0.010	1.053	34.540
	Linear Functions	05	008442	1.256	0.952	0.024	0.941	25.120
	Linear Equations and Inequalities	05	008442	1.491	0.999	*****	******	29.820
	Quadratic and Other Nonlinear Functions	04	008442	1.044	0.871	*****	******	26.100
	Geometric Relationships and Spatial Reasoning	04	008442	1.366	0.943	0.072	0.908	34.150
	Two- and Three-Dimensional Representations	04	008442	2.002	0.943	0.057	0.916	50.050
	Measurements	05	008442	1.631	1.040	0.024	1.027	32.620
	Percents, Proportions, Probability, and Statistics	05	008442	1.315	0.998	0.040	0.978	26.300
	Mathematical Processes and Tools	08	008442	2.583	1.325	0.058	1.286	32.287

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

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

3 Multiple-choice and gridded items only

Instructional Level 9 SDAA II (Spring 2007) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	006380	15.983	3.813	0.510	2.669	51.046
	Basic Understanding	10	006380	5.766	1.748	0.277	1.486	57.660
	Literary Elements and Techniques	12	006380	5.137	1.812	0.298	1.518	49.080
	Analysis and Evaluation	12	006380	5.079	1.992	0.408	1.533	46.400
Mathematics	COMPLETE SUBTEST	50	003996	25.862	3.024	*****	******	51.724
	Functional Relationships	05	003996	2.242	1.108	0.003	1.106	44.840
	Properties and Attributes of Functions	05	003996	2.708	1.071	*****	******	54.160
	Linear Functions	05	003996	2.477	1.110	0.045	1.085	49.540
	Linear Equations and Inequalities	05	003996	2.214	1.072	*****	******	44.280
	Quadratic and Other Nonlinear Functions	04	003996	1.800	1.013	0.082	0.971	45.000
	Geometric Relationships and Spatial Reasoning	04	003996	2.400	0.959	*****	******	60.000
	Two- and Three-Dimensional Representations	04	003996	2.779	0.846	0.000	0.846	69.475
	Measurements	05	003996	2.581	1.076	0.033	1.058	51.620
	Percents, Proportions, Probability, and Statistics	05	003996	2.332	1.120	0.022	1.108	46.640
	Mathematical Processes and Tools	08	003996	4.328	1.400	0.095	1.332	54.100

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

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

3 Multiple-choice and gridded items only

Instructional Level 9 SDAA II (Spring 2007) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	003267	25.965	2.350	0.165	2.147	80.943
	Basic Understanding	10	003267	8.593	1.107	0.046	1.081	85.930
	Literary Elements and Techniques	12	003267	8.651	1.416	0.218	1.252	79.150
	Analysis and Evaluation	12	003267	8.722	1.384	0.157	1.271	77.750
Mathematics	COMPLETE SUBTEST	50	000566	35.565	2.663	*****	******	71.130
	Functional Relationships	05	000566	3.398	0.993	*****	******	67.960
	Properties and Attributes of Functions	05	000566	3.580	0.941	*****	******	71.600
	Linear Functions	05	000566	3.756	0.930	*****	******	75.120
	Linear Equations and Inequalities	05	000566	3.161	1.076	0.099	1.021	63.220
	Quadratic and Other Nonlinear Functions	04	000566	2.710	0.954	0.161	0.874	67.750
	Geometric Relationships and Spatial Reasoning	04	000566	3.037	0.818	*****	******	75.925
	Two- and Three-Dimensional Representations	04	000566	3.106	0.738	*****	******	77.650
	Measurements	05	000566	3.378	0.982	*****	******	67.560
	Percents, Proportions, Probability, and Statistics	05	000566	3.486	1.035	0.048	1.010	69.720
	Mathematical Processes and Tools	08	000566	5.954	1.207	0.056	1.173	74.425

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

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

3 Multiple-choice and gridded items only

Instructional Level 10 SDAA II (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	008463	25.682	9.473	0.904	2.935	57.200
	Basic Understanding	08	008463	5.284	1.978	0.678	1.122	66.050
	Literary Elements and Techniques	10	008463	5.265	2.437	0.722	1.285	57.775
	Analysis and Critical Evaluation	14	008463	6.616	3.075	0.753	1.528	56.000
	Revising and Editing	16	008463	8.517	3.824	0.781	1.790	53.231
	ESSAY	04	008463	1.203	0.612	0.695	0.338	N/A
Mathematics	COMPLETE SUBTEST	54	008832	21.308	7.068	0.769	3.397	39.459
	Functional Relationships	05	008832	2.012	1.174	0.191	1.056	40.240
	Properties and Attributes of Functions	05	008832	2.304	1.186	0.244	1.031	46.080
	Linear Functions	05	008832	1.886	1.269	0.346	1.026	37.720
	Linear Equations and Inequalities	05	008832	1.848	1.237	0.308	1.029	36.960
	Quadratic and Other Nonlinear Functions	05	008832	2.105	1.221	0.263	1.048	42.100
	Geometric Relationships and Spatial Reasoning	05	008832	2.337	1.378	0.464	1.009	46.740
	Two- and Three-Dimensional Representations	05	008832	1.998	1.185	0.204	1.057	39.960
	Measurements	06	008832	1.451	1.122	0.158	1.030	24.183
	Percents, Proportions, Probability, and Statistics	05	008832	2.313	1.245	0.309	1.035	46.260
	Mathematical Processes and Tools	08	008832	3.055	1.476	0.189	1.329	38.187

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

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

3 Multiple-choice and gridded items only

Instructional Level 10 SDAA II (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	002796	26.982	9.310	0.901	2.929	59.869
	Basic Understanding	08	002796	5.409	1.882	0.641	1.128	67.612
	Literary Elements and Techniques	10	002796	5.359	2.435	0.720	1.288	58.337
	Analysis and Critical Evaluation	14	002796	6.866	3.061	0.748	1.537	57.220
	Revising and Editing	16	002796	9.347	3.741	0.776	1.771	58.418
	ESSAY	04	002796	1.337	0.595	0.652	0.351	N/A
Mathematics	COMPLETE SUBTEST	54	003023	20.729	6.652	0.741	3.385	38.387
	Functional Relationships	05	003023	2.022	1.153	0.173	1.049	40.440
	Properties and Attributes of Functions	05	003023	2.288	1.214	0.268	1.039	45.760
	Linear Functions	05	003023	1.834	1.249	0.343	1.012	36.680
	Linear Equations and Inequalities	05	003023	1.784	1.199	0.271	1.024	35.680
	Quadratic and Other Nonlinear Functions	05	003023	2.144	1.224	0.265	1.049	42.880
	Geometric Relationships and Spatial Reasoning	05	003023	2.223	1.346	0.423	1.022	44.460
	Two- and Three-Dimensional Representations	05	003023	1.802	1.129	0.146	1.043	36.040
	Measurements	06	003023	1.388	1.086	0.123	1.017	23.133
	Percents, Proportions, Probability, and Statistics	05	003023	2.211	1.202	0.263	1.032	44.220
	Mathematical Processes and Tools	08	003023	3.034	1.451	0.163	1.327	37.925

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

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

3 Multiple-choice and gridded items only

Instructional Level 10 SDAA II (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	005633	25.059	9.487	0.905	2.924	55.921
	Basic Understanding	08	005633	5.226	2.021	0.694	1.118	65.325
	Literary Elements and Techniques	10	005633	5.221	2.437	0.723	1.283	57.525
	Analysis and Critical Evaluation	14	005633	6.499	3.074	0.755	1.522	55.460
	Revising and Editing	16	005633	8.113	3.799	0.777	1.794	50.706
	ESSAY	04	005633	1.136	0.608	0.705	0.330	N/A
Mathematics	COMPLETE SUBTEST	54	005756	21.629	7.254	0.781	3.395	40.053
	Functional Relationships	05	005756	2.011	1.184	0.201	1.058	40.220
	Properties and Attributes of Functions	05	005756	2.313	1.171	0.231	1.027	46.260
	Linear Functions	05	005756	1.916	1.279	0.353	1.029	38.320
	Linear Equations and Inequalities	05	005756	1.883	1.255	0.327	1.030	37.660
	Quadratic and Other Nonlinear Functions	05	005756	2.086	1.219	0.260	1.049	41.720
	Geometric Relationships and Spatial Reasoning	05	005756	2.401	1.391	0.484	0.999	48.020
	Two- and Three-Dimensional Representations	05	005756	2.103	1.201	0.215	1.064	42.060
	Measurements	06	005756	1.483	1.138	0.173	1.035	24.716
	Percents, Proportions, Probability, and Statistics	05	005756	2.368	1.262	0.328	1.035	47.360
	Mathematical Processes and Tools	08	005756	3.067	1.489	0.203	1.329	38.337

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

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

3 Multiple-choice and gridded items only

Instructional Level 10 SDAA II (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	001889	24.217	9.302	0.899	2.956	54.266
	Basic Understanding	08	001889	4.977	1.988	0.669	1.144	62.212
	Literary Elements and Techniques	10	001889	4.830	2.389	0.703	1.302	53.200
	Analysis and Critical Evaluation	14	001889	6.092	2.897	0.713	1.552	52.410
	Revising and Editing	16	001889	8.319	3.933	0.796	1.776	51.993
	ESSAY	04	001889	1.114	0.587	0.671	0.337	N/A
Mathematics	COMPLETE SUBTEST	54	001926	19.256	6.237	0.710	3.359	35.659
	Functional Relationships	05	001926	1.879	1.119	0.113	1.054	37.580
	Properties and Attributes of Functions	05	001926	2.141	1.201	0.271	1.025	42.820
	Linear Functions	05	001926	1.625	1.184	0.289	0.998	32.500
	Linear Equations and Inequalities	05	001926	1.624	1.144	0.212	1.016	32.480
	Quadratic and Other Nonlinear Functions	05	001926	1.989	1.193	0.234	1.044	39.780
	Geometric Relationships and Spatial Reasoning	05	001926	2.001	1.332	0.430	1.006	40.020
	Two- and Three-Dimensional Representations	05	001926	1.737	1.117	0.140	1.036	34.740
	Measurements	06	001926	1.270	1.042	0.097	0.990	21.166
	Percents, Proportions, Probability, and Statistics	05	001926	2.101	1.223	0.286	1.033	42.020
	Mathematical Processes and Tools	08	001926	2.890	1.396	0.090	1.332	36.125

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

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

3 Multiple-choice and gridded items only

Instructional Level 10 SDAA II (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	000044	25.955	8.736	0.885	2.963	57.683
	Basic Understanding	08	000044	5.091	2.144	0.737	1.100	63.637
	Literary Elements and Techniques	10	000044	5.136	2.329	0.676	1.326	55.112
	Analysis and Critical Evaluation	14	000044	6.614	2.643	0.639	1.588	56.140
	Revising and Editing	16	000044	9.114	3.492	0.740	1.781	56.962
	ESSAY	04	000044	1.318	0.675	0.709	0.364	N/A
Mathematics	COMPLETE SUBTEST	54	000045	22.289	7.025	0.769	3.376	41.275
	Functional Relationships	05	000045	2.178	1.114	0.071	1.074	43.560
	Properties and Attributes of Functions	05	000045	2.489	1.121	0.167	1.023	49.780
	Linear Functions	05	000045	2.000	1.148	0.184	1.037	40.000
	Linear Equations and Inequalities	05	000045	2.178	1.284	0.365	1.023	43.560
	Quadratic and Other Nonlinear Functions	05	000045	2.222	1.241	0.297	1.041	44.440
	Geometric Relationships and Spatial Reasoning	05	000045	2.511	1.487	0.576	0.968	50.220
	Two- and Three-Dimensional Representations	05	000045	1.867	1.140	0.141	1.057	37.340
	Measurements	06	000045	1.622	1.173	0.196	1.052	27.033
	Percents, Proportions, Probability, and Statistics	05	000045	2.311	1.184	0.237	1.034	46.220
	Mathematical Processes and Tools	08	000045	2.911	1.535	0.305	1.280	36.387

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

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

3 Multiple-choice and gridded items only

Instructional Level 10 SDAA II (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	003790	24.608	9.293	0.898	2.968	54.847
	Basic Understanding	08	003790	5.118	1.984	0.664	1.150	63.975
	Literary Elements and Techniques	10	003790	5.013	2.434	0.713	1.304	55.100
	Analysis and Critical Evaluation	14	003790	6.328	3.081	0.750	1.540	53.610
	Revising and Editing	16	003790	8.148	3.684	0.758	1.812	50.925
	ESSAY	04	003790	1.197	0.597	0.688	0.333	N/A
Mathematics	COMPLETE SUBTEST	54	003938	21.047	6.787	0.750	3.393	38.975
	Functional Relationships	05	003938	2.010	1.161	0.174	1.055	40.200
	Properties and Attributes of Functions	05	003938	2.286	1.181	0.234	1.034	45.720
	Linear Functions	05	003938	1.875	1.269	0.357	1.018	37.500
	Linear Equations and Inequalities	05	003938	1.773	1.195	0.260	1.028	35.460
	Quadratic and Other Nonlinear Functions	05	003938	2.100	1.211	0.247	1.051	42.000
	Geometric Relationships and Spatial Reasoning	05	003938	2.288	1.347	0.431	1.016	45.760
	Two- and Three-Dimensional Representations	05	003938	1.962	1.166	0.181	1.055	39.240
	Measurements	06	003938	1.465	1.109	0.126	1.037	24.416
	Percents, Proportions, Probability, and Statistics	05	003938	2.305	1.217	0.277	1.035	46.100
	Mathematical Processes and Tools	08	003938	2.982	1.451	0.165	1.326	37.275

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

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

3 Multiple-choice and gridded items only

Instructional Level 10 SDAA II (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	000047	28.957	9.288	0.916	2.692	64.488
	Basic Understanding	08	000047	5.809	1.676	0.580	1.086	72.612
	Literary Elements and Techniques	10	000047	5.979	2.048	0.602	1.292	65.962
	Analysis and Critical Evaluation	14	000047	7.447	2.947	0.785	1.366	62.770
	Revising and Editing	16	000047	9.723	4.241	0.851	1.637	60.768
	ESSAY	04	000047	1.489	0.748	0.754	0.371	N/A
Mathematics	COMPLETE SUBTEST	54	000044	21.932	7.196	0.779	3.383	40.614
	Functional Relationships	05	000044	2.023	1.151	0.123	1.078	40.460
	Properties and Attributes of Functions	05	000044	2.341	1.160	0.169	1.057	46.820
	Linear Functions	05	000044	2.068	1.371	0.469	0.999	41.360
	Linear Equations and Inequalities	05	000044	2.023	1.151	0.133	1.072	40.460
	Quadratic and Other Nonlinear Functions	05	000044	1.864	1.193	0.250	1.033	37.280
	Geometric Relationships and Spatial Reasoning	05	000044	2.614	1.351	0.474	0.980	52.280
	Two- and Three-Dimensional Representations	05	000044	2.114	1.061	0.031	1.044	42.280
	Measurements	06	000044	1.455	1.022	*****	******	24.250
	Percents, Proportions, Probability, and Statistics	05	000044	2.227	1.237	0.268	1.058	44.540
	Mathematical Processes and Tools	08	000044	3.205	1.407	0.084	1.347	40.062

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

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

3 Multiple-choice and gridded items only

Instructional Level 10 SDAA II (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	002662	28.218	9.342	0.907	2.849	62.545
	Basic Understanding	08	002662	5.737	1.879	0.680	1.063	71.712
	Literary Elements and Techniques	10	002662	5.923	2.346	0.722	1.237	64.712
	Analysis and Critical Evaluation	14	002662	7.391	3.049	0.761	1.491	61.880
	Revising and Editing	16	002662	9.168	3.850	0.791	1.760	57.300
	ESSAY	04	002662	1.266	0.632	0.710	0.340	N/A
Mathematics	COMPLETE SUBTEST	54	002848	23.039	7.536	0.795	3.412	42.664
	Functional Relationships	05	002848	2.104	1.222	0.256	1.054	42.080
	Properties and Attributes of Functions	05	002848	2.438	1.170	0.229	1.027	48.760
	Linear Functions	05	002848	2.074	1.292	0.346	1.045	41.480
	Linear Equations and Inequalities	05	002848	2.092	1.311	0.378	1.034	41.840
	Quadratic and Other Nonlinear Functions	05	002848	2.194	1.247	0.296	1.046	43.880
	Geometric Relationships and Spatial Reasoning	05	002848	2.626	1.391	0.487	0.996	52.520
	Two- and Three-Dimensional Representations	05	002848	2.226	1.217	0.222	1.073	44.520
	Measurements	06	002848	1.550	1.177	0.216	1.042	25.833
	Percents, Proportions, Probability, and Statistics	05	002848	2.469	1.277	0.347	1.032	49.380
	Mathematical Processes and Tools	08	002848	3.266	1.539	0.256	1.327	40.825

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

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

3 Multiple-choice and gridded items only

Instructional Level 10 SDAA II (Spring 2007) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	006386	22.987	8.944	0.889	2.980	51.597
	Basic Understanding	08	006386	4.837	1.968	0.650	1.164	60.462
	Literary Elements and Techniques	10	006386	4.705	2.400	0.704	1.306	52.050
	Analysis and Critical Evaluation	14	006386	5.838	2.906	0.719	1.540	50.630
	Revising and Editing	16	006386	7.606	3.657	0.754	1.814	47.537
	ESSAY	04	006386	0.921	0.385	0.598	0.244	N/A
Mathematics	COMPLETE SUBTEST	54	001918	12.795	2.171	*****	******	23.694
	Functional Relationships	05	001918	1.269	0.952	*****	******	25.380
	Properties and Attributes of Functions	05	001918	1.425	0.954	*****	******	28.500
	Linear Functions	05	001918	0.941	0.838	*****	******	18.820
	Linear Equations and Inequalities	05	001918	1.059	0.887	*****	******	21.180
	Quadratic and Other Nonlinear Functions	05	001918	1.328	0.972	*****	******	26.560
	Geometric Relationships and Spatial Reasoning	05	001918	1.189	0.948	0.008	0.944	23.780
	Two- and Three-Dimensional Representations	05	001918	1.237	0.916	*****	******	24.740
	Measurements	06	001918	0.968	0.896	*****	******	16.133
	Percents, Proportions, Probability, and Statistics	05	001918	1.310	0.944	*****	******	26.200
	Mathematical Processes and Tools	08	001918	2.069	1.197	*****	******	25.862

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

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

3 Multiple-choice and gridded items only

Instructional Level 10 SDAA II (Spring 2007) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	001991	33.672	5.259	0.721	2.778	73.830
	Basic Understanding	08	001991	6.617	1.241	0.382	0.976	82.712
	Literary Elements and Techniques	10	001991	6.933	1.598	0.413	1.224	74.875
	Analysis and Critical Evaluation	14	001991	8.912	2.220	0.552	1.486	71.910
	Revising and Editing	16	001991	11.211	2.847	0.640	1.708	70.068
	ESSAY	04	001991	2.026	0.158	0.000	0.158	N/A
Mathematics	COMPLETE SUBTEST	54	006659	23.053	5.254	0.562	3.477	42.690
	Functional Relationships	05	006659	2.156	1.109	0.049	1.081	43.120
	Properties and Attributes of Functions	05	006659	2.498	1.105	0.099	1.049	49.960
	Linear Functions	05	006659	2.083	1.205	0.215	1.068	41.660
	Linear Equations and Inequalities	05	006659	1.997	1.190	0.207	1.060	39.940
	Quadratic and Other Nonlinear Functions	05	006659	2.269	1.173	0.173	1.067	45.380
	Geometric Relationships and Spatial Reasoning	05	006659	2.585	1.272	0.341	1.033	51.700
	Two- and Three-Dimensional Representations	05	006659	2.161	1.143	0.100	1.084	43.220
	Measurements	06	006659	1.520	1.085	0.053	1.056	25.333
	Percents, Proportions, Probability, and Statistics	05	006659	2.537	1.149	0.156	1.056	50.740
	Mathematical Processes and Tools	08	006659	3.246	1.370	0.027	1.351	40.575

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

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

3 Multiple-choice and gridded items only

Instructional Level 10 SDAA II (Spring 2007) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	000086	40.791	2.302	0.118	2.162	88.066
	Basic Understanding	08	000086	7.605	0.638	0.135	0.593	95.062
	Literary Elements and Techniques	10	000086	8.244	0.957	0.158	1.030	87.212
	Analysis and Critical Evaluation	14	000086	11.209	1.311	0.113	1.235	86.740
	Revising and Editing	16	000086	13.733	1.297	*****	******	85.831
	ESSAY	04	000086	3.081	0.276	0.249	0.239	N/A
Mathematics	COMPLETE SUBTEST	54	000255	39.792	2.824	*****	******	73.688
	Functional Relationships	05	000255	3.831	0.921	0.043	0.901	76.620
	Properties and Attributes of Functions	05	000255	3.855	0.887	*****	******	77.100
	Linear Functions	05	000255	3.867	0.934	0.118	0.877	77.340
	Linear Equations and Inequalities	05	000255	3.863	0.892	0.005	0.890	77.260
	Quadratic and Other Nonlinear Functions	05	000255	3.647	1.004	0.131	0.936	72.940
	Geometric Relationships and Spatial Reasoning	05	000255	4.502	0.709	0.152	0.653	90.040
	Two- and Three-Dimensional Representations	05	000255	3.471	1.022	0.060	0.991	69.420
	Measurements	06	000255	3.275	1.263	0.139	1.172	54.583
	Percents, Proportions, Probability, and Statistics	05	000255	3.996	0.881	0.063	0.853	79.920
	Mathematical Processes and Tools	08	000255	5.486	1.245	*****	******	68.575

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

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

3 Multiple-choice and gridded items only

ALGEBRA I - EOC (Spring 2007) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Algebra I	COMPLETE SUBTEST	50	032520	30.711	10.275	0.918	2.942	61.422
	Functional Relationships	08	032520	4.860	1.979	0.636	1.194	60.750
	Properties and Attributes of Functions	11	032520	7.185	2.499	0.728	1.303	65.318
	Linear Functions	11	032520	6.381	2.569	0.691	1.428	58.009
	Linear Equations and Inequalities	11	032520	7.162	2.526	0.722	1.332	65.109
	Quadratic and Other Nonlinear Functions	09	032520	5.123	2.257	0.656	1.324	56.922

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

ALGEBRA I - EOC (Spring 2007) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Algebra I	COMPLETE SUBTEST	50	016468	31.017	9.928	0.912	2.945	62.034
	Functional Relationships	08	016468	4.961	1.914	0.610	1.195	62.012
	Properties and Attributes of Functions	11	016468	7.231	2.409	0.706	1.306	65.736
	Linear Functions	11	016468	6.446	2.547	0.687	1.425	58.600
	Linear Equations and Inequalities	11	016468	7.251	2.440	0.708	1.319	65.918
	Quadratic and Other Nonlinear Functions	09	016468	5.128	2.219	0.642	1.328	56.977

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

ALGEBRA I - EOC (Spring 2007) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Algebra I	COMPLETE SUBTEST	50	016049	30.398	10.611	0.923	2.944	60.796
	Functional Relationships	08	016049	4.756	2.039	0.659	1.191	59.450
	Properties and Attributes of Functions	11	016049	7.139	2.587	0.749	1.296	64.900
	Linear Functions	11	016049	6.314	2.590	0.695	1.430	57.400
	Linear Equations and Inequalities	11	016049	7.072	2.608	0.735	1.343	64.290
	Quadratic and Other Nonlinear Functions	09	016049	5.117	2.295	0.671	1.316	56.855

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

ALGEBRA I - EOC (Spring 2007) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Algebra I	COMPLETE SUBTEST	50	004015	25.929	9.669	0.898	3.088	51.858
	Functional Relationships	08	004015	4.073	1.958	0.590	1.254	50.912
	Properties and Attributes of Functions	11	004015	6.203	2.442	0.683	1.375	56.390
	Linear Functions	11	004015	5.288	2.467	0.640	1.480	48.072
	Linear Equations and Inequalities	11	004015	6.102	2.488	0.673	1.423	55.472
	Quadratic and Other Nonlinear Functions	09	004015	4.264	2.118	0.591	1.355	47.377

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

ALGEBRA I - EOC (Spring 2007) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Algebra I	COMPLETE SUBTEST	50	001064	37.998	9.213	0.922	2.573	75.996
	Functional Relationships	08	001064	5.977	1.779	0.654	1.046	74.712
	Properties and Attributes of Functions	11	001064	8.776	2.021	0.700	1.107	79.781
	Linear Functions	11	001064	7.943	2.422	0.720	1.282	72.209
	Linear Equations and Inequalities	11	001064	8.647	2.199	0.730	1.143	78.609
	Quadratic and Other Nonlinear Functions	09	001064	6.655	2.090	0.689	1.166	73.944

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

ALGEBRA I - EOC (Spring 2007) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Algebra I	COMPLETE SUBTEST	50	012291	29.211	10.109	0.912	2.999	58.422
	Functional Relationships	08	012291	4.643	1.964	0.617	1.215	58.037
	Properties and Attributes of Functions	11	012291	6.784	2.493	0.711	1.340	61.672
	Linear Functions	11	012291	6.124	2.563	0.683	1.443	55.672
	Linear Equations and Inequalities	11	012291	6.845	2.511	0.706	1.362	62.227
	Quadratic and Other Nonlinear Functions	09	012291	4.815	2.209	0.630	1.344	53.500

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

ALGEBRA I - EOC (Spring 2007) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Algebra I	COMPLETE SUBTEST	50	000110	29.173	9.869	0.908	2.993	58.346
	Functional Relationships	08	000110	4.664	1.621	0.393	1.263	58.300
	Properties and Attributes of Functions	11	000110	6.791	2.553	0.723	1.344	61.736
	Linear Functions	11	000110	5.982	2.729	0.730	1.418	54.381
	Linear Equations and Inequalities	11	000110	6.936	2.363	0.668	1.362	63.054
	Quadratic and Other Nonlinear Functions	09	000110	4.800	2.132	0.605	1.340	53.333

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

ALGEBRA I - EOC (Spring 2007) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Algebra I	COMPLETE SUBTEST	50	012988	32.774	9.890	0.915	2.883	65.548
	Functional Relationships	08	012988	5.176	1.914	0.627	1.169	64.700
	Properties and Attributes of Functions	11	012988	7.697	2.381	0.721	1.258	69.972
	Linear Functions	11	012988	6.769	2.476	0.676	1.409	61.536
	Linear Equations and Inequalities	11	012988	7.608	2.436	0.720	1.289	69.163
	Quadratic and Other Nonlinear Functions	09	012988	5.524	2.224	0.658	1.301	61.377

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