Appendix 20

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

Grade 03 TAKS (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	270771	30.195	5.944	0.892	1.953	83.875
	Basic Understanding	15	270771	12.806	2.498	0.768	1.203	85.373
	Applying Knowledge of Literary Elements	07	270771	6.097	1.281	0.618	0.792	87.100
	Using Strategies to Analyze	06	270771	4.915	1.311	0.595	0.834	81.916
	Applying Critical-Thinking Skills	08	270771	6.376	1.730	0.658	1.012	79.700
Mathematics	COMPLETE SUBTEST	40	275574	31.755	6.090	0.865	2.238	79.387
	Numbers, Operations, and Quantitative Reasoning	10	275574	8.133	1.607	0.553	1.074	81.330
	Patterns, Relationships, and Algebraic Reasoning	06	275574	4.739	1.253	0.517	0.871	78.983
	Geometry and Spatial Reasoning	06	275574	5.053	1.062	0.431	0.801	84.216
	Concepts and Uses of Measurement	06	275574	4.884	1.266	0.557	0.843	81.400
	Probability and Statistics	04	275574	3.500	0.771	0.383	0.606	87.500
	Mathematical Processes and Tools	08	275574	5.446	1.931	0.644	1.152	68.075

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 03 TAKS (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	135991	30.530	5.741	0.889	1.913	84.805
	Basic Understanding	15	135991	12.933	2.431	0.765	1.178	86.220
	Applying Knowledge of Literary Elements	07	135991	6.155	1.220	0.596	0.775	87.928
	Using Strategies to Analyze	06	135991	5.005	1.263	0.588	0.811	83.416
	Applying Critical-Thinking Skills	08	135991	6.437	1.693	0.651	1.000	80.462
Mathematics	COMPLETE SUBTEST	40	137549	31.550	6.148	0.865	2.259	78.875
	Numbers, Operations, and Quantitative Reasoning	10	137549	8.128	1.602	0.549	1.076	81.280
	Patterns, Relationships, and Algebraic Reasoning	06	137549	4.709	1.245	0.506	0.875	78.483
	Geometry and Spatial Reasoning	06	137549	4.982	1.097	0.435	0.825	83.033
	Concepts and Uses of Measurement	06	137549	4.829	1.309	0.573	0.855	80.483
	Probability and Statistics	04	137549	3.486	0.782	0.386	0.613	87.150
	Mathematical Processes and Tools	08	137549	5.415	1.927	0.641	1.155	67.687

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 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	134639	29.858	6.123	0.895	1.984	82.938
	Basic Understanding	15	134639	12.679	2.557	0.770	1.226	84.526
	Applying Knowledge of Literary Elements	07	134639	6.038	1.337	0.636	0.807	86.257
	Using Strategies to Analyze	06	134639	4.825	1.351	0.597	0.858	80.416
	Applying Critical-Thinking Skills	08	134639	6.316	1.764	0.663	1.024	78.950
Mathematics	COMPLETE SUBTEST	40	137811	31.964	6.023	0.864	2.221	79.910
	Numbers, Operations, and Quantitative Reasoning	10	137811	8.138	1.612	0.558	1.072	81.380
	Patterns, Relationships, and Algebraic Reasoning	06	137811	4.769	1.261	0.530	0.864	79.483
	Geometry and Spatial Reasoning	06	137811	5.125	1.020	0.421	0.776	85.416
	Concepts and Uses of Measurement	06	137811	4.939	1.220	0.537	0.830	82.316
	Probability and Statistics	04	137811	3.515	0.761	0.385	0.597	87.875
	Mathematical Processes and Tools	08	137811	5.478	1.934	0.648	1.147	68.475

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 03 TAKS (Spring 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	039482	28.329	6.649	0.895	2.155	78.691
	Basic Understanding	15	039482	12.110	2.806	0.775	1.331	80.733
	Applying Knowledge of Literary Elements	07	039482	5.778	1.456	0.631	0.884	82.542
	Using Strategies to Analyze	06	039482	4.547	1.462	0.598	0.927	75.783
	Applying Critical-Thinking Skills	08	039482	5.894	1.894	0.660	1.104	73.675
Mathematics	COMPLETE SUBTEST	40	039741	29.060	6.677	0.865	2.453	72.650
	Numbers, Operations, and Quantitative Reasoning	10	039741	7.594	1.792	0.571	1.174	75.940
	Patterns, Relationships, and Algebraic Reasoning	06	039741	4.368	1.369	0.523	0.946	72.800
	Geometry and Spatial Reasoning	06	039741	4.701	1.207	0.446	0.898	78.350
	Concepts and Uses of Measurement	06	039741	4.330	1.472	0.579	0.955	72.166
	Probability and Statistics	04	039741	3.273	0.891	0.378	0.703	81.825
	Mathematical Processes and Tools	08	039741	4.794	1.927	0.604	1.213	59.925

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 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	009664	32.186	4.500	0.861	1.678	89.405
	Basic Understanding	15	009664	13.634	1.857	0.703	1.012	90.893
	Applying Knowledge of Literary Elements	07	009664	6.377	1.036	0.563	0.685	91.100
	Using Strategies to Analyze	06	009664	5.276	1.049	0.531	0.718	87.933
	Applying Critical-Thinking Skills	08	009664	6.898	1.383	0.584	0.892	86.225
Mathematics	COMPLETE SUBTEST	40	009773	34.952	4.641	0.835	1.885	87.380
	Numbers, Operations, and Quantitative Reasoning	10	009773	8.745	1.294	0.479	0.934	87.450
	Patterns, Relationships, and Algebraic Reasoning	06	009773	5.248	0.968	0.430	0.731	87.466
	Geometry and Spatial Reasoning	06	009773	5.480	0.787	0.341	0.639	91.333
	Concepts and Uses of Measurement	06	009773	5.360	0.948	0.473	0.688	89.333
	Probability and Statistics	04	009773	3.711	0.585	0.320	0.482	92.775
	Mathematical Processes and Tools	08	009773	6.409	1.640	0.628	1.000	80.112

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 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	111040	28.939	6.381	0.892	2.097	80.386
	Basic Understanding	15	111040	12.336	2.721	0.772	1.299	82.240
	Applying Knowledge of Literary Elements	07	111040	5.905	1.389	0.623	0.853	84.357
	Using Strategies to Analyze	06	111040	4.696	1.401	0.591	0.896	78.266
	Applying Critical-Thinking Skills	08	111040	6.001	1.823	0.640	1.094	75.012
Mathematics	COMPLETE SUBTEST	40	113892	30.537	6.205	0.857	2.346	76.342
	Numbers, Operations, and Quantitative Reasoning	10	113892	7.880	1.670	0.548	1.123	78.800
	Patterns, Relationships, and Algebraic Reasoning	06	113892	4.563	1.289	0.504	0.908	76.050
	Geometry and Spatial Reasoning	06	113892	4.940	1.104	0.427	0.836	82.333
	Concepts and Uses of Measurement	06	113892	4.766	1.303	0.543	0.881	79.433
	Probability and Statistics	04	113892	3.381	0.834	0.376	0.659	84.525
	Mathematical Processes and Tools	08	113892	5.007	1.951	0.621	1.201	62.587

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 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	000983	30.873	5.290	0.874	1.878	85.758
	Basic Understanding	15	000983	13.036	2.244	0.732	1.162	86.906
	Applying Knowledge of Literary Elements	07	000983	6.211	1.200	0.612	0.747	88.728
	Using Strategies to Analyze	06	000983	5.051	1.127	0.473	0.818	84.183
	Applying Critical-Thinking Skills	08	000983	6.576	1.583	0.620	0.976	82.200
Mathematics	COMPLETE SUBTEST	40	001020	32.130	5.752	0.852	2.213	80.325
	Numbers, Operations, and Quantitative Reasoning	10	001020	8.213	1.528	0.522	1.056	82.130
	Patterns, Relationships, and Algebraic Reasoning	06	001020	4.762	1.209	0.477	0.874	79.366
	Geometry and Spatial Reasoning	06	001020	5.075	1.057	0.445	0.787	84.583
	Concepts and Uses of Measurement	06	001020	4.941	1.187	0.504	0.836	82.350
	Probability and Statistics	04	001020	3.572	0.682	0.267	0.584	89.300
	Mathematical Processes and Tools	08	001020	5.569	1.873	0.625	1.147	69.612

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 03 TAKS (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	109327	31.969	4.647	0.865	1.707	88.802
	Basic Understanding	15	109327	13.463	1.954	0.707	1.058	89.753
	Applying Knowledge of Literary Elements	07	109327	6.382	1.031	0.556	0.687	91.171
	Using Strategies to Analyze	06	109327	5.239	1.076	0.530	0.738	87.316
	Applying Critical-Thinking Skills	08	109327	6.886	1.423	0.611	0.888	86.075
Mathematics	COMPLETE SUBTEST	40	110778	33.699	5.045	0.834	2.055	84.247
	Numbers, Operations, and Quantitative Reasoning	10	110778	8.533	1.364	0.479	0.985	85.330
	Patterns, Relationships, and Algebraic Reasoning	06	110778	5.009	1.116	0.475	0.809	83.483
	Geometry and Spatial Reasoning	06	110778	5.259	0.918	0.358	0.736	87.650
	Concepts and Uses of Measurement	06	110778	5.163	1.070	0.487	0.766	86.050
	Probability and Statistics	04	110778	3.686	0.610	0.319	0.503	92.150
	Mathematical Processes and Tools	08	110778	6.048	1.716	0.602	1.083	75.600

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 04 TAKS (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	273508	32.257	6.553	0.885	2.222	80.642
	Basic Understanding	15	273508	12.233	2.586	0.734	1.334	81.553
	Applying Knowledge of Literary Elements	08	273508	6.453	1.556	0.586	1.001	80.662
	Using Strategies to Analyze	07	273508	5.737	1.355	0.552	0.907	81.957
	Applying Critical-Thinking Skills	10	273508	7.835	2.086	0.693	1.156	78.350
Mathematics	COMPLETE SUBTEST	42	278466	33.424	7.099	0.891	2.344	79.580
	Numbers, Operations, and Quantitative Reasoning	11	278466	9.083	1.992	0.685	1.118	82.572
	Patterns, Relationships, and Algebraic Reasoning	07	278466	5.733	1.547	0.675	0.882	81.900
	Geometry and Spatial Reasoning	06	278466	4.916	1.203	0.489	0.860	81.933
	Concepts and Uses of Measurement	06	278466	4.654	1.390	0.555	0.927	77.566
	Probability and Statistics	04	278466	3.187	1.005	0.483	0.723	79.675
	Mathematical Processes and Tools	08	278466	5.851	1.873	0.656	1.099	73.137
Writing	COMPLETE SUBTEST	32	266822	26.483	3.764	0.809	1.645	86.635
	Appropriate Organization of Ideas	04	266822	3.380	0.817	0.389	0.639	84.500
	Correct and Effective Sentence Construction	08	266822	6.674	1.446	0.603	0.911	83.425
	Standard Usage and Appropriate Word Choice	08	266822	7.262	1.045	0.497	0.741	90.775
	Proofreading for Punctuation, Capitalization, and Spelling	08	266822	6.942	1.197	0.488	0.857	86.775

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 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	137265	32.617	6.277	0.878	2.192	81.542
	Basic Understanding	15	137265	12.389	2.490	0.723	1.311	82.593
	Applying Knowledge of Literary Elements	08	137265	6.504	1.509	0.570	0.990	81.300
	Using Strategies to Analyze	07	137265	5.811	1.303	0.534	0.889	83.014
	Applying Critical-Thinking Skills	10	137265	7.912	2.016	0.677	1.146	79.120
Mathematics	COMPLETE SUBTEST	42	138670	33.205	7.107	0.890	2.357	79.059
	Numbers, Operations, and Quantitative Reasoning	11	138670	9.030	1.989	0.678	1.129	82.090
	Patterns, Relationships, and Algebraic Reasoning	07	138670	5.737	1.529	0.668	0.881	81.957
	Geometry and Spatial Reasoning	06	138670	4.907	1.203	0.483	0.865	81.783
	Concepts and Uses of Measurement	06	138670	4.555	1.428	0.558	0.949	75.916
	Probability and Statistics	04	138670	3.173	1.005	0.475	0.728	79.325
	Mathematical Processes and Tools	08	138670	5.803	1.883	0.658	1.101	72.537
Writing	COMPLETE SUBTEST	32	134492	26.852	3.544	0.797	1.597	87.657
	Appropriate Organization of Ideas	04	134492	3.405	0.782	0.360	0.626	85.125
	Correct and Effective Sentence Construction	08	134492	6.794	1.363	0.581	0.882	84.925
	Standard Usage and Appropriate Word Choice	08	134492	7.295	1.008	0.478	0.728	91.187
	Proofreading for Punctuation, Capitalization, and Spelling	08	134492	7.049	1.116	0.455	0.824	88.112

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 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	136020	31.898	6.797	0.890	2.254	79.745
	Basic Understanding	15	136020	12.076	2.669	0.743	1.353	80.506
	Applying Knowledge of Literary Elements	08	136020	6.401	1.599	0.601	1.010	80.012
	Using Strategies to Analyze	07	136020	5.662	1.401	0.566	0.923	80.885
	Applying Critical-Thinking Skills	10	136020	7.758	2.150	0.706	1.166	77.580
Mathematics	COMPLETE SUBTEST	42	139563	33.650	7.079	0.893	2.316	80.119
	Numbers, Operations, and Quantitative Reasoning	11	139563	9.137	1.992	0.690	1.109	83.063
	Patterns, Relationships, and Algebraic Reasoning	07	139563	5.731	1.564	0.683	0.881	81.871
	Geometry and Spatial Reasoning	06	139563	4.925	1.202	0.496	0.853	82.083
	Concepts and Uses of Measurement	06	139563	4.754	1.342	0.547	0.903	79.233
	Probability and Statistics	04	139563	3.202	1.004	0.494	0.714	80.050
	Mathematical Processes and Tools	08	139563	5.900	1.862	0.655	1.094	73.750
Writing	COMPLETE SUBTEST	32	132232	26.109	3.938	0.817	1.685	85.600
	Appropriate Organization of Ideas	04	132232	3.355	0.850	0.417	0.649	83.875
	Correct and Effective Sentence Construction	08	132232	6.552	1.516	0.616	0.939	81.900
	Standard Usage and Appropriate Word Choice	08	132232	7.228	1.081	0.511	0.756	90.350
	Proofreading for Punctuation, Capitalization, and Spelling	08	132232	6.834	1.264	0.506	0.888	85.425

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 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	038833	30.072	7.154	0.886	2.415	75.180
	Basic Understanding	15	038833	11.367	2.813	0.732	1.456	75.780
	Applying Knowledge of Literary Elements	08	038833	6.097	1.697	0.596	1.079	76.212
	Using Strategies to Analyze	07	038833	5.389	1.487	0.564	0.982	76.985
	Applying Critical-Thinking Skills	10	038833	7.220	2.273	0.694	1.257	72.200
Mathematics	COMPLETE SUBTEST	42	039340	30.165	7.930	0.893	2.594	71.821
	Numbers, Operations, and Quantitative Reasoning	11	039340	8.248	2.297	0.700	1.258	74.981
	Patterns, Relationships, and Algebraic Reasoning	07	039340	5.347	1.739	0.694	0.962	76.385
	Geometry and Spatial Reasoning	06	039340	4.433	1.359	0.483	0.977	73.883
	Concepts and Uses of Measurement	06	039340	4.054	1.552	0.550	1.041	67.566
	Probability and Statistics	04	039340	2.886	1.124	0.489	0.803	72.150
	Mathematical Processes and Tools	08	039340	5.197	1.980	0.643	1.183	64.962
Writing	COMPLETE SUBTEST	32	038354	25.415	4.126	0.814	1.779	83.239
	Appropriate Organization of Ideas	04	038354	3.174	0.935	0.413	0.716	79.350
	Correct and Effective Sentence Construction	08	038354	6.282	1.601	0.615	0.993	78.525
	Standard Usage and Appropriate Word Choice	08	038354	6.967	1.221	0.517	0.849	87.087
	Proofreading for Punctuation, Capitalization, and Spelling	08	038354	6.884	1.242	0.507	0.872	86.050

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 04 TAKS (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	009217	35.145	4.958	0.857	1.875	87.862
	Basic Understanding	15	009217	13.356	1.972	0.688	1.101	89.040
	Applying Knowledge of Literary Elements	08	009217	6.932	1.246	0.514	0.869	86.650
	Using Strategies to Analyze	07	009217	6.242	1.038	0.474	0.753	89.171
	Applying Critical-Thinking Skills	10	009217	8.616	1.656	0.644	0.988	86.160
Mathematics	COMPLETE SUBTEST	42	009327	37.464	4.990	0.863	1.847	89.200
	Numbers, Operations, and Quantitative Reasoning	11	009327	10.047	1.370	0.606	0.860	91.336
	Patterns, Relationships, and Algebraic Reasoning	07	009327	6.442	1.001	0.583	0.646	92.028
	Geometry and Spatial Reasoning	06	009327	5.377	0.919	0.429	0.694	89.616
	Concepts and Uses of Measurement	06	009327	5.226	1.079	0.509	0.756	87.100
	Probability and Statistics	04	009327	3.550	0.772	0.441	0.577	88.750
	Mathematical Processes and Tools	08	009327	6.822	1.455	0.619	0.898	85.275
Writing	COMPLETE SUBTEST	32	009076	28.143	2.911	0.773	1.387	91.700
	Appropriate Organization of Ideas	04	009076	3.647	0.629	0.330	0.515	91.175
	Correct and Effective Sentence Construction	08	009076	7.139	1.147	0.546	0.773	89.237
	Standard Usage and Appropriate Word Choice	08	009076	7.408	0.883	0.394	0.687	92.600
	Proofreading for Punctuation, Capitalization, and Spelling	08	009076	7.482	0.834	0.401	0.645	93.525

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 04 TAKS (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	114902	30.935	6.791	0.879	2.362	77.337
	Basic Understanding	15	114902	11.786	2.679	0.721	1.415	78.573
	Applying Knowledge of Literary Elements	08	114902	6.191	1.632	0.575	1.064	77.387
	Using Strategies to Analyze	07	114902	5.548	1.425	0.552	0.954	79.257
	Applying Critical-Thinking Skills	10	114902	7.410	2.170	0.675	1.237	74.100
Mathematics	COMPLETE SUBTEST	42	117929	32.186	7.270	0.886	2.455	76.633
	Numbers, Operations, and Quantitative Reasoning	11	117929	8.812	2.058	0.673	1.177	80.109
	Patterns, Relationships, and Algebraic Reasoning	07	117929	5.582	1.612	0.676	0.918	79.742
	Geometry and Spatial Reasoning	06	117929	4.787	1.237	0.467	0.903	79.783
	Concepts and Uses of Measurement	06	117929	4.435	1.442	0.537	0.981	73.916
	Probability and Statistics	04	117929	3.009	1.071	0.469	0.780	75.225
	Mathematical Processes and Tools	08	117929	5.560	1.906	0.642	1.140	69.500
Writing	COMPLETE SUBTEST	32	112418	25.756	3.917	0.802	1.743	84.296
	Appropriate Organization of Ideas	04	112418	3.271	0.855	0.376	0.675	81.775
	Correct and Effective Sentence Construction	08	112418	6.464	1.515	0.594	0.965	80.800
	Standard Usage and Appropriate Word Choice	08	112418	7.126	1.111	0.489	0.794	89.075
	Proofreading for Punctuation, Capitalization, and Spelling	08	112418	6.742	1.287	0.494	0.915	84.275

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 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	001038	32.700	6.355	0.884	2.164	81.750
	Basic Understanding	15	001038	12.336	2.496	0.723	1.314	82.240
	Applying Knowledge of Literary Elements	08	001038	6.560	1.509	0.581	0.977	82.000
	Using Strategies to Analyze	07	001038	5.792	1.337	0.561	0.886	82.742
	Applying Critical-Thinking Skills	10	001038	8.013	1.980	0.681	1.118	80.130
Mathematics	COMPLETE SUBTEST	42	001054	34.045	6.903	0.891	2.279	81.059
	Numbers, Operations, and Quantitative Reasoning	11	001054	9.222	1.961	0.695	1.083	83.836
	Patterns, Relationships, and Algebraic Reasoning	07	001054	5.763	1.557	0.689	0.868	82.328
	Geometry and Spatial Reasoning	06	001054	5.080	1.122	0.476	0.812	84.666
	Concepts and Uses of Measurement	06	001054	4.788	1.362	0.579	0.884	79.800
	Probability and Statistics	04	001054	3.263	0.971	0.488	0.695	81.575
	Mathematical Processes and Tools	08	001054	5.929	1.827	0.642	1.093	74.112
Writing	COMPLETE SUBTEST	32	001003	26.642	3.501	0.788	1.612	87.271
	Appropriate Organization of Ideas	04	001003	3.418	0.796	0.385	0.624	85.450
	Correct and Effective Sentence Construction	08	001003	6.726	1.374	0.570	0.901	84.075
	Standard Usage and Appropriate Word Choice	08	001003	7.321	0.995	0.482	0.716	91.512
	Proofreading for Punctuation, Capitalization, and Spelling	08	001003	6.971	1.088	0.389	0.850	87.137

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 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	109123	34.193	5.482	0.866	2.007	85.482
	Basic Understanding	15	109123	12.921	2.214	0.705	1.203	86.140
	Applying Knowledge of Literary Elements	08	109123	6.817	1.341	0.545	0.905	85.212
	Using Strategies to Analyze	07	109123	6.018	1.173	0.492	0.836	85.971
	Applying Critical-Thinking Skills	10	109123	8.437	1.752	0.651	1.035	84.370
Mathematics	COMPLETE SUBTEST	42	110406	35.581	5.818	0.866	2.130	84.716
	Numbers, Operations, and Quantitative Reasoning	11	110406	9.591	1.648	0.623	1.012	87.190
	Patterns, Relationships, and Algebraic Reasoning	07	110406	5.976	1.371	0.638	0.825	85.371
	Geometry and Spatial Reasoning	06	110406	5.187	1.035	0.439	0.775	86.450
	Concepts and Uses of Measurement	06	110406	5.056	1.139	0.469	0.830	84.266
	Probability and Statistics	04	110406	3.456	0.811	0.388	0.634	86.400
	Mathematical Processes and Tools	08	110406	6.314	1.676	0.623	1.029	78.925
Writing	COMPLETE SUBTEST	32	105737	27.505	3.176	0.782	1.483	89.925
	Appropriate Organization of Ideas	04	105737	3.548	0.696	0.338	0.566	88.700
	Correct and Effective Sentence Construction	08	105737	7.000	1.242	0.562	0.822	87.500
	Standard Usage and Appropriate Word Choice	08	105737	7.500	0.843	0.436	0.633	93.750
	Proofreading for Punctuation, Capitalization, and Spelling	08	105737	7.131	1.055	0.430	0.797	89.137

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 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	276878	33.101	6.596	0.870	2.378	78.811
	Basic Understanding	13	276878	10.404	2.282	0.685	1.281	80.030
	Applying Knowledge of Literary Elements	08	276878	6.286	1.528	0.541	1.035	78.575
	Using Strategies to Analyze	08	276878	6.558	1.478	0.549	0.993	81.975
	Applying Critical-Thinking Skills	13	276878	9.853	2.475	0.678	1.404	75.792
Mathematics	COMPLETE SUBTEST	44	281002	34.757	6.843	0.878	2.390	78.993
	Numbers, Operations, and Quantitative Reasoning	11	281002	8.855	1.979	0.647	1.176	80.500
	Patterns, Relationships, and Algebraic Reasoning	07	281002	5.244	1.454	0.538	0.988	74.914
	Geometry and Spatial Reasoning	07	281002	5.976	1.254	0.547	0.844	85.371
	Concepts and Uses of Measurement	07	281002	5.457	1.465	0.562	0.970	77.957
	Probability and Statistics	04	281002	3.071	0.878	0.320	0.724	76.775
	Mathematical Processes and Tools	08	281002	6.155	1.719	0.619	1.061	76.937
Science	COMPLETE SUBTEST	40	283477	31.569	6.442	0.871	2.314	78.922
	Nature of Science	13	283477	11.178	2.095	0.704	1.140	85.984
	Life Sciences	09	283477	7.316	1.699	0.624	1.042	81.288
	Physical Sciences	09	283477	7.061	1.696	0.548	1.140	78.455
	Earth Sciences	09	283477	6.014	2.200	0.671	1.262	66.822

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 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	139453	33.208	6.566	0.869	2.376	79.066
	Basic Understanding	13	139453	10.482	2.263	0.686	1.268	80.630
	Applying Knowledge of Literary Elements	08	139453	6.299	1.524	0.540	1.034	78.737
	Using Strategies to Analyze	08	139453	6.537	1.480	0.544	0.999	81.712
	Applying Critical-Thinking Skills	13	139453	9.889	2.466	0.678	1.399	76.069
Mathematics	COMPLETE SUBTEST	44	140648	34.530	6.878	0.878	2.402	78.477
	Numbers, Operations, and Quantitative Reasoning	11	140648	8.815	1.979	0.644	1.181	80.136
	Patterns, Relationships, and Algebraic Reasoning	07	140648	5.192	1.454	0.530	0.997	74.171
	Geometry and Spatial Reasoning	07	140648	5.937	1.269	0.547	0.854	84.814
	Concepts and Uses of Measurement	07	140648	5.400	1.495	0.570	0.980	77.142
	Probability and Statistics	04	140648	3.069	0.860	0.305	0.717	76.725
	Mathematical Processes and Tools	08	140648	6.117	1.734	0.622	1.066	76.462
Science	COMPLETE SUBTEST	40	141489	31.054	6.400	0.864	2.360	77.635
	Nature of Science	13	141489	11.182	2.062	0.694	1.141	86.015
	Life Sciences	09	141489	7.258	1.684	0.613	1.048	80.644
	Physical Sciences	09	141489	6.895	1.729	0.536	1.178	76.611
	Earth Sciences	09	141489	5.719	2.216	0.655	1.302	63.544

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 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	137274	32.998	6.621	0.870	2.387	78.566
	Basic Understanding	13	137274	10.325	2.297	0.684	1.291	79.423
	Applying Knowledge of Literary Elements	08	137274	6.274	1.531	0.542	1.036	78.425
	Using Strategies to Analyze	08	137274	6.581	1.475	0.555	0.984	82.262
	Applying Critical-Thinking Skills	13	137274	9.818	2.482	0.678	1.408	75.523
Mathematics	COMPLETE SUBTEST	44	140203	34.991	6.795	0.878	2.373	79.525
	Numbers, Operations, and Quantitative Reasoning	11	140203	8.896	1.978	0.651	1.169	80.872
	Patterns, Relationships, and Algebraic Reasoning	07	140203	5.297	1.452	0.549	0.975	75.671
	Geometry and Spatial Reasoning	07	140203	6.016	1.237	0.548	0.832	85.942
	Concepts and Uses of Measurement	07	140203	5.514	1.431	0.552	0.958	78.771
	Probability and Statistics	04	140203	3.073	0.896	0.333	0.732	76.825
	Mathematical Processes and Tools	08	140203	6.194	1.703	0.616	1.055	77.425
Science	COMPLETE SUBTEST	40	141690	32.092	6.437	0.877	2.258	80.230
	Nature of Science	13	141690	11.178	2.125	0.716	1.132	85.984
	Life Sciences	09	141690	7.376	1.711	0.637	1.031	81.955
	Physical Sciences	09	141690	7.228	1.645	0.556	1.096	80.311
	Earth Sciences	09	141690	6.311	2.141	0.677	1.217	70.122

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 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	038650	30.886	7.012	0.866	2.567	73.538
	Basic Understanding	13	038650	9.759	2.444	0.681	1.380	75.069
	Applying Knowledge of Literary Elements	08	038650	5.983	1.626	0.542	1.100	74.787
	Using Strategies to Analyze	08	038650	6.074	1.624	0.543	1.098	75.925
	Applying Critical-Thinking Skills	13	038650	9.069	2.589	0.663	1.503	69.761
Mathematics	COMPLETE SUBTEST	44	038864	31.592	7.407	0.875	2.619	71.800
	Numbers, Operations, and Quantitative Reasoning	11	038864	8.207	2.184	0.660	1.273	74.609
	Patterns, Relationships, and Algebraic Reasoning	07	038864	4.820	1.515	0.521	1.049	68.857
	Geometry and Spatial Reasoning	07	038864	5.444	1.474	0.555	0.983	77.771
	Concepts and Uses of Measurement	07	038864	4.855	1.580	0.537	1.075	69.357
	Probability and Statistics	04	038864	2.780	0.938	0.315	0.776	69.500
	Mathematical Processes and Tools	08	038864	5.484	1.840	0.595	1.171	68.550
Science	COMPLETE SUBTEST	40	039525	28.808	6.810	0.862	2.530	72.020
	Nature of Science	13	039525	10.484	2.383	0.708	1.288	80.646
	Life Sciences	09	039525	6.829	1.814	0.609	1.134	75.877
	Physical Sciences	09	039525	6.427	1.814	0.528	1.246	71.411
	Earth Sciences	09	039525	5.068	2.214	0.627	1.352	56.311

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 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	009042	35.618	5.513	0.852	2.121	84.804
	Basic Understanding	13	009042	11.246	1.867	0.645	1.112	86.507
	Applying Knowledge of Literary Elements	08	009042	6.687	1.332	0.482	0.959	83.587
	Using Strategies to Analyze	08	009042	7.026	1.231	0.520	0.853	87.825
	Applying Critical-Thinking Skills	13	009042	10.659	2.179	0.660	1.271	81.992
Mathematics	COMPLETE SUBTEST	44	009162	38.655	5.354	0.867	1.953	87.852
	Numbers, Operations, and Quantitative Reasoning	11	009162	9.867	1.465	0.599	0.928	89.700
	Patterns, Relationships, and Algebraic Reasoning	07	009162	5.919	1.195	0.505	0.841	84.557
	Geometry and Spatial Reasoning	07	009162	6.451	0.933	0.509	0.654	92.157
	Concepts and Uses of Measurement	07	009162	6.118	1.190	0.561	0.788	87.400
	Probability and Statistics	04	009162	3.422	0.752	0.320	0.620	85.550
	Mathematical Processes and Tools	08	009162	6.877	1.431	0.622	0.880	85.962
Science	COMPLETE SUBTEST	40	009123	34.409	5.114	0.847	2.000	86.022
	Nature of Science	13	009123	11.954	1.510	0.632	0.916	91.953
	Life Sciences	09	009123	7.874	1.395	0.580	0.904	87.488
	Physical Sciences	09	009123	7.631	1.425	0.502	1.006	84.788
	Earth Sciences	09	009123	6.950	1.924	0.656	1.128	77.222

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 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	118501	31.340	6.835	0.863	2.530	74.619
	Basic Understanding	13	118501	9.895	2.391	0.675	1.363	76.115
	Applying Knowledge of Literary Elements	08	118501	5.867	1.606	0.532	1.099	73.337
	Using Strategies to Analyze	08	118501	6.287	1.561	0.539	1.060	78.587
	Applying Critical-Thinking Skills	13	118501	9.292	2.543	0.658	1.487	71.476
Mathematics	COMPLETE SUBTEST	44	121183	33.521	6.965	0.872	2.492	76.184
	Numbers, Operations, and Quantitative Reasoning	11	121183	8.590	2.045	0.644	1.220	78.090
	Patterns, Relationships, and Algebraic Reasoning	07	121183	4.965	1.489	0.522	1.029	70.928
	Geometry and Spatial Reasoning	07	121183	5.855	1.305	0.541	0.884	83.642
	Concepts and Uses of Measurement	07	121183	5.276	1.496	0.547	1.007	75.371
	Probability and Statistics	04	121183	2.955	0.893	0.296	0.749	73.875
	Mathematical Processes and Tools	08	121183	5.880	1.774	0.604	1.116	73.500
Science	COMPLETE SUBTEST	40	121687	30.049	6.612	0.862	2.456	75.122
	Nature of Science	13	121687	10.788	2.227	0.692	1.236	82.984
	Life Sciences	09	121687	6.939	1.816	0.621	1.118	77.100
	Physical Sciences	09	121687	6.788	1.767	0.539	1.200	75.422
	Earth Sciences	09	121687	5.534	2.168	0.628	1.322	61.488

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 05 TAKS (Spring 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000880	33.891	5.956	0.847	2.330	80.692
	Basic Understanding	13	000880	10.577	2.087	0.635	1.261	81.361
	Applying Knowledge of Literary Elements	08	000880	6.545	1.373	0.475	0.995	81.812
	Using Strategies to Analyze	08	000880	6.718	1.314	0.461	0.965	83.975
	Applying Critical-Thinking Skills	13	000880	10.050	2.382	0.664	1.381	77.307
Mathematics	COMPLETE SUBTEST	44	000909	35.245	6.497	0.868	2.360	80.102
	Numbers, Operations, and Quantitative Reasoning	11	000909	8.870	1.904	0.611	1.188	80.636
	Patterns, Relationships, and Algebraic Reasoning	07	000909	5.358	1.415	0.533	0.967	76.542
	Geometry and Spatial Reasoning	07	000909	6.053	1.169	0.506	0.822	86.471
	Concepts and Uses of Measurement	07	000909	5.612	1.409	0.555	0.940	80.171
	Probability and Statistics	04	000909	3.116	0.834	0.253	0.721	77.900
	Mathematical Processes and Tools	08	000909	6.238	1.716	0.630	1.044	77.975
Science	COMPLETE SUBTEST	40	000917	32.576	5.610	0.839	2.251	81.440
	Nature of Science	13	000917	11.383	1.807	0.624	1.108	87.561
	Life Sciences	09	000917	7.541	1.481	0.534	1.011	83.788
	Physical Sciences	09	000917	7.249	1.557	0.487	1.115	80.544
	Earth Sciences	09	000917	6.403	2.015	0.625	1.234	71.144

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 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	109556	35.585	5.225	0.832	2.142	84.726
	Basic Understanding	13	109556	11.114	1.880	0.626	1.150	85.492
	Applying Knowledge of Literary Elements	08	109556	6.814	1.222	0.423	0.928	85.175
	Using Strategies to Analyze	08	109556	6.985	1.202	0.467	0.878	87.312
	Applying Critical-Thinking Skills	13	109556	10.672	2.090	0.627	1.276	82.092
Mathematics	COMPLETE SUBTEST	44	110633	36.910	5.698	0.851	2.199	83.886
	Numbers, Operations, and Quantitative Reasoning	11	110633	9.291	1.723	0.593	1.099	84.463
	Patterns, Relationships, and Algebraic Reasoning	07	110633	5.644	1.283	0.484	0.922	80.628
	Geometry and Spatial Reasoning	07	110633	6.258	1.029	0.468	0.751	89.400
	Concepts and Uses of Measurement	07	110633	5.811	1.287	0.520	0.892	83.014
	Probability and Statistics	04	110633	3.271	0.791	0.271	0.675	81.775
	Mathematical Processes and Tools	08	110633	6.634	1.468	0.568	0.965	82.925
Science	COMPLETE SUBTEST	40	111865	33.971	5.193	0.841	2.071	84.927
	Nature of Science	13	111865	11.788	1.650	0.655	0.969	90.676
	Life Sciences	09	111865	7.852	1.350	0.536	0.920	87.244
	Physical Sciences	09	111865	7.537	1.434	0.477	1.037	83.744
	Earth Sciences	09	111865	6.795	1.952	0.644	1.165	75.500

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

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

3 Multiple-choice and gridded items only

Grade 06 TAKS (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	288501	33.039	7.046	0.887	2.369	78.664
	Basic Understanding	13	288501	10.556	2.365	0.708	1.278	81.200
	Applying Knowledge of Literary Elements	08	288501	6.725	1.494	0.606	0.938	84.062
	Using Strategies to Analyze	08	288501	6.203	1.640	0.618	1.014	77.537
	Applying Critical-Thinking Skills	13	288501	9.555	2.638	0.705	1.433	73.500
Mathematics	COMPLETE SUBTEST	46	290792	33.487	8.985	0.910	2.695	72.797
	Numbers, Operations, and Quantitative Reasoning	10	290792	7.179	2.390	0.723	1.258	71.790
	Patterns, Relationships, and Algebraic Reasoning	09	290792	6.066	2.164	0.663	1.256	67.400
	Geometry and Spatial Reasoning	07	290792	5.447	1.592	0.640	0.955	77.814
	Concepts and Uses of Measurement	05	290792	3.555	1.346	0.546	0.907	71.100
	Probability and Statistics	06	290792	4.671	1.307	0.497	0.927	77.850
	Mathematical Processes and Tools	09	290792	6.569	2.081	0.673	1.190	72.988

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 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	144986	33.600	6.719	0.880	2.328	80.000
	Basic Understanding	13	144986	10.728	2.272	0.699	1.246	82.523
	Applying Knowledge of Literary Elements	08	144986	6.819	1.424	0.588	0.914	85.237
	Using Strategies to Analyze	08	144986	6.280	1.588	0.602	1.002	78.500
	Applying Critical-Thinking Skills	13	144986	9.773	2.532	0.689	1.412	75.176
Mathematics	COMPLETE SUBTEST	46	145357	33.457	8.847	0.907	2.698	72.732
	Numbers, Operations, and Quantitative Reasoning	10	145357	7.188	2.370	0.716	1.263	71.880
	Patterns, Relationships, and Algebraic Reasoning	09	145357	6.107	2.131	0.654	1.253	67.855
	Geometry and Spatial Reasoning	07	145357	5.442	1.569	0.626	0.960	77.742
	Concepts and Uses of Measurement	05	145357	3.452	1.373	0.546	0.925	69.040
	Probability and Statistics	06	145357	4.680	1.277	0.476	0.924	78.000
	Mathematical Processes and Tools	09	145357	6.589	2.051	0.660	1.196	73.211

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 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	143350	32.477	7.314	0.892	2.404	77.326
	Basic Understanding	13	143350	10.384	2.442	0.715	1.304	79.876
	Applying Knowledge of Literary Elements	08	143350	6.630	1.555	0.617	0.962	82.875
	Using Strategies to Analyze	08	143350	6.126	1.686	0.630	1.026	76.575
	Applying Critical-Thinking Skills	13	143350	9.337	2.722	0.715	1.453	71.823
Mathematics	COMPLETE SUBTEST	46	145271	33.525	9.116	0.914	2.673	72.880
	Numbers, Operations, and Quantitative Reasoning	10	145271	7.173	2.410	0.730	1.252	71.730
	Patterns, Relationships, and Algebraic Reasoning	09	145271	6.027	2.195	0.675	1.251	66.966
	Geometry and Spatial Reasoning	07	145271	5.453	1.615	0.654	0.950	77.900
	Concepts and Uses of Measurement	05	145271	3.659	1.310	0.541	0.888	73.180
	Probability and Statistics	06	145271	4.663	1.336	0.517	0.928	77.716
	Mathematical Processes and Tools	09	145271	6.550	2.110	0.685	1.184	72.777

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 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	040528	30.898	7.389	0.881	2.549	73.566
	Basic Understanding	13	040528	9.994	2.534	0.706	1.374	76.876
	Applying Knowledge of Literary Elements	08	040528	6.349	1.640	0.599	1.039	79.362
	Using Strategies to Analyze	08	040528	5.740	1.691	0.586	1.088	71.750
	Applying Critical-Thinking Skills	13	040528	8.816	2.730	0.690	1.520	67.815
Mathematics	COMPLETE SUBTEST	46	040796	29.790	9.303	0.903	2.897	64.760
	Numbers, Operations, and Quantitative Reasoning	10	040796	6.279	2.522	0.712	1.353	62.790
	Patterns, Relationships, and Algebraic Reasoning	09	040796	5.515	2.162	0.630	1.315	61.277
	Geometry and Spatial Reasoning	07	040796	4.876	1.772	0.646	1.054	69.657
	Concepts and Uses of Measurement	05	040796	2.966	1.421	0.510	0.995	59.320
	Probability and Statistics	06	040796	4.313	1.392	0.477	1.007	71.883
	Mathematical Processes and Tools	09	040796	5.842	2.166	0.643	1.294	64.911

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

Grade 06 TAKS (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	008967	36.055	5.255	0.846	2.062	85.845
	Basic Understanding	13	008967	11.458	1.759	0.619	1.086	88.138
	Applying Knowledge of Literary Elements	08	008967	7.208	1.097	0.481	0.790	90.100
	Using Strategies to Analyze	08	008967	6.840	1.316	0.555	0.878	85.500
	Applying Critical-Thinking Skills	13	008967	10.549	2.157	0.641	1.292	81.146
Mathematics	COMPLETE SUBTEST	46	009026	39.366	6.679	0.896	2.154	85.578
	Numbers, Operations, and Quantitative Reasoning	10	009026	8.563	1.752	0.671	1.005	85.630
	Patterns, Relationships, and Algebraic Reasoning	09	009026	7.455	1.711	0.648	1.015	82.833
	Geometry and Spatial Reasoning	07	009026	6.278	1.106	0.574	0.722	89.685
	Concepts and Uses of Measurement	05	009026	4.204	1.069	0.521	0.740	84.080
	Probability and Statistics	06	009026	5.208	1.013	0.442	0.757	86.800
	Mathematical Processes and Tools	09	009026	7.658	1.622	0.648	0.962	85.088

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 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	124004	31.205	7.340	0.882	2.521	74.297
	Basic Understanding	13	124004	10.032	2.522	0.703	1.374	77.169
	Applying Knowledge of Literary Elements	08	124004	6.456	1.624	0.616	1.006	80.700
	Using Strategies to Analyze	08	124004	5.759	1.677	0.588	1.076	71.987
	Applying Critical-Thinking Skills	13	124004	8.958	2.705	0.690	1.506	68.907
Mathematics	COMPLETE SUBTEST	46	125514	31.486	9.048	0.903	2.818	68.447
	Numbers, Operations, and Quantitative Reasoning	10	125514	6.763	2.423	0.705	1.316	67.630
	Patterns, Relationships, and Algebraic Reasoning	09	125514	5.633	2.175	0.639	1.307	62.588
	Geometry and Spatial Reasoning	07	125514	5.179	1.640	0.620	1.011	73.985
	Concepts and Uses of Measurement	05	125514	3.346	1.368	0.515	0.953	66.920
	Probability and Statistics	06	125514	4.390	1.369	0.476	0.991	73.166
	Mathematical Processes and Tools	09	125514	6.174	2.136	0.657	1.251	68.600

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 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000941	34.135	6.163	0.862	2.289	81.273
	Basic Understanding	13	000941	10.898	2.121	0.670	1.218	83.830
	Applying Knowledge of Literary Elements	08	000941	6.906	1.310	0.529	0.899	86.325
	Using Strategies to Analyze	08	000941	6.448	1.490	0.565	0.983	80.600
	Applying Critical-Thinking Skills	13	000941	9.882	2.411	0.661	1.404	76.015
Mathematics	COMPLETE SUBTEST	46	000949	34.436	8.157	0.894	2.656	74.860
	Numbers, Operations, and Quantitative Reasoning	10	000949	7.435	2.193	0.678	1.244	74.350
	Patterns, Relationships, and Algebraic Reasoning	09	000949	6.180	2.123	0.656	1.245	68.666
	Geometry and Spatial Reasoning	07	000949	5.571	1.434	0.565	0.946	79.585
	Concepts and Uses of Measurement	05	000949	3.690	1.258	0.496	0.893	73.800
	Probability and Statistics	06	000949	4.803	1.201	0.432	0.905	80.050
	Mathematical Processes and Tools	09	000949	6.757	1.945	0.637	1.172	75.077

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 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	113730	35.569	5.699	0.861	2.125	84.688
	Basic Understanding	13	113730	11.259	1.918	0.651	1.133	86.607
	Applying Knowledge of Literary Elements	08	113730	7.115	1.184	0.515	0.825	88.937
	Using Strategies to Analyze	08	113730	6.801	1.373	0.572	0.898	85.012
	Applying Critical-Thinking Skills	13	113730	10.393	2.280	0.664	1.322	79.946
Mathematics	COMPLETE SUBTEST	46	114174	36.556	7.662	0.896	2.471	79.469
	Numbers, Operations, and Quantitative Reasoning	10	114174	7.852	2.103	0.693	1.165	78.520
	Patterns, Relationships, and Algebraic Reasoning	09	114174	6.632	1.994	0.645	1.188	73.688
	Geometry and Spatial Reasoning	07	114174	5.881	1.346	0.592	0.860	84.014
	Concepts and Uses of Measurement	05	114174	3.945	1.170	0.496	0.831	78.900
	Probability and Statistics	06	114174	5.067	1.087	0.426	0.824	84.450
	Mathematical Processes and Tools	09	114174	7.179	1.804	0.634	1.091	79.766

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

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

3 Multiple-choice and gridded items only

Grade 07 TAKS (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	293873	38.208	7.704	0.896	2.484	79.600
	Basic Understanding	12	293873	10.059	2.163	0.722	1.140	83.825
	Applying Knowledge of Literary Elements	10	293873	8.485	1.602	0.585	1.032	84.850
	Using Strategies to Analyze	10	293873	8.228	1.876	0.667	1.083	82.280
	Applying Critical-Thinking Skills	16	293873	11.437	3.187	0.747	1.603	71.481
Mathematics	COMPLETE SUBTEST	48	294745	31.178	9.820	0.912	2.913	64.954
	Numbers, Operations, and Quantitative Reasoning	10	294745	6.696	2.371	0.688	1.324	66.960
	Patterns, Relationships, and Algebraic Reasoning	10	294745	6.225	2.543	0.730	1.321	62.250
	Geometry and Spatial Reasoning	07	294745	4.789	1.668	0.566	1.099	68.414
	Concepts and Uses of Measurement	05	294745	2.896	1.387	0.497	0.984	57.920
	Probability and Statistics	07	294745	4.291	1.814	0.610	1.133	61.300
	Mathematical Processes and Tools	09	294745	6.282	2.090	0.656	1.226	69.800
Writing	COMPLETE SUBTEST	44	287818	34.994	6.984	0.899	2.220	81.322
	Appropriate Organization of Ideas	06	287818	5.001	1.256	0.602	0.792	83.350
	Correct and Effective Sentence Construction	10	287818	7.818	2.121	0.712	1.138	78.180
	Standard Usage and Appropriate Word Choice	12	287818	9.855	2.204	0.709	1.189	82.125
	Proofreading for Punctuation, Capitalization, and Spelling	12	287818	9.854	2.208	0.708	1.193	82.116

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 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	147433	38.696	7.170	0.885	2.431	80.616
	Basic Understanding	12	147433	10.183	2.032	0.696	1.120	84.858
	Applying Knowledge of Literary Elements	10	147433	8.650	1.448	0.534	0.988	86.500
	Using Strategies to Analyze	10	147433	8.311	1.776	0.635	1.073	83.110
	Applying Critical-Thinking Skills	16	147433	11.551	3.062	0.732	1.585	72.193
Mathematics	COMPLETE SUBTEST	48	147288	31.081	9.744	0.910	2.923	64.752
	Numbers, Operations, and Quantitative Reasoning	10	147288	6.656	2.375	0.688	1.327	66.560
	Patterns, Relationships, and Algebraic Reasoning	10	147288	6.105	2.545	0.727	1.330	61.050
	Geometry and Spatial Reasoning	07	147288	4.763	1.668	0.559	1.108	68.042
	Concepts and Uses of Measurement	05	147288	2.858	1.385	0.490	0.989	57.160
	Probability and Statistics	07	147288	4.349	1.797	0.605	1.129	62.128
	Mathematical Processes and Tools	09	147288	6.350	2.050	0.643	1.225	70.555
Writing	COMPLETE SUBTEST	44	145072	36.052	6.212	0.882	2.134	83.692
	Appropriate Organization of Ideas	06	145072	5.115	1.143	0.553	0.764	85.250
	Correct and Effective Sentence Construction	10	145072	8.103	1.899	0.667	1.096	81.030
	Standard Usage and Appropriate Word Choice	12	145072	10.010	2.064	0.681	1.166	83.416
	Proofreading for Punctuation, Capitalization, and Spelling	12	145072	10.249	1.937	0.669	1.114	85.408

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 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	146224	37.720	8.176	0.905	2.520	78.583
	Basic Understanding	12	146224	9.935	2.280	0.741	1.160	82.791
	Applying Knowledge of Literary Elements	10	146224	8.318	1.727	0.616	1.070	83.180
	Using Strategies to Analyze	10	146224	8.144	1.968	0.694	1.089	81.440
	Applying Critical-Thinking Skills	16	146224	11.323	3.304	0.760	1.619	70.768
Mathematics	COMPLETE SUBTEST	48	147241	31.281	9.892	0.914	2.901	65.168
	Numbers, Operations, and Quantitative Reasoning	10	147241	6.738	2.365	0.689	1.319	67.380
	Patterns, Relationships, and Algebraic Reasoning	10	147241	6.346	2.535	0.733	1.310	63.460
	Geometry and Spatial Reasoning	07	147241	4.815	1.667	0.573	1.089	68.785
	Concepts and Uses of Measurement	05	147241	2.934	1.388	0.507	0.975	58.680
	Probability and Statistics	07	147241	4.233	1.830	0.615	1.135	60.471
	Mathematical Processes and Tools	09	147241	6.215	2.126	0.667	1.227	69.055
Writing	COMPLETE SUBTEST	44	142624	33.920	7.538	0.906	2.311	78.917
	Appropriate Organization of Ideas	06	142624	4.886	1.351	0.634	0.817	81.433
	Correct and Effective Sentence Construction	10	142624	7.528	2.288	0.734	1.180	75.280
	Standard Usage and Appropriate Word Choice	12	142624	9.699	2.328	0.729	1.212	80.825
	Proofreading for Punctuation, Capitalization, and Spelling	12	142624	9.454	2.387	0.719	1.265	78.783

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 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	041029	36.084	7.989	0.889	2.662	75.175
	Basic Understanding	12	041029	9.557	2.345	0.718	1.245	79.641
	Applying Knowledge of Literary Elements	10	041029	8.240	1.700	0.593	1.085	82.400
	Using Strategies to Analyze	10	041029	7.713	1.990	0.641	1.192	77.130
	Applying Critical-Thinking Skills	16	041029	10.574	3.196	0.718	1.697	66.087
Mathematics	COMPLETE SUBTEST	48	041000	26.907	9.338	0.891	3.083	56.056
	Numbers, Operations, and Quantitative Reasoning	10	041000	5.762	2.362	0.640	1.417	57.620
	Patterns, Relationships, and Algebraic Reasoning	10	041000	5.277	2.445	0.675	1.394	52.770
	Geometry and Spatial Reasoning	07	041000	4.080	1.698	0.517	1.180	58.285
	Concepts and Uses of Measurement	05	041000	2.398	1.322	0.421	1.006	47.960
	Probability and Statistics	07	041000	3.727	1.766	0.552	1.182	53.242
	Mathematical Processes and Tools	09	041000	5.662	2.109	0.620	1.300	62.911
Writing	COMPLETE SUBTEST	44	040274	33.231	7.287	0.893	2.384	77.187
	Appropriate Organization of Ideas	06	040274	4.719	1.356	0.585	0.874	78.650
	Correct and Effective Sentence Construction	10	040274	7.401	2.257	0.713	1.209	74.010
	Standard Usage and Appropriate Word Choice	12	040274	9.211	2.327	0.685	1.306	76.758
	Proofreading for Punctuation, Capitalization, and Spelling	12	040274	9.544	2.319	0.708	1.253	79.533

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 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	008976	41.524	5.651	0.856	2.144	86.508
	Basic Understanding	12	008976	10.937	1.524	0.646	0.907	91.141
	Applying Knowledge of Literary Elements	10	008976	8.946	1.217	0.446	0.906	89.460
	Using Strategies to Analyze	10	008976	8.957	1.388	0.586	0.893	89.570
	Applying Critical-Thinking Skills	16	008976	12.684	2.617	0.688	1.462	79.275
Mathematics	COMPLETE SUBTEST	48	009034	38.484	8.202	0.911	2.447	80.175
	Numbers, Operations, and Quantitative Reasoning	10	009034	8.180	1.916	0.671	1.099	81.800
	Patterns, Relationships, and Algebraic Reasoning	10	009034	8.029	2.159	0.747	1.086	80.290
	Geometry and Spatial Reasoning	07	009034	5.642	1.370	0.523	0.946	80.600
	Concepts and Uses of Measurement	05	009034	3.759	1.253	0.533	0.856	75.180
	Probability and Statistics	07	009034	5.341	1.552	0.593	0.990	76.300
	Mathematical Processes and Tools	09	009034	7.532	1.657	0.638	0.997	83.688
Writing	COMPLETE SUBTEST	44	008884	38.446	5.150	0.873	1.835	89.090
	Appropriate Organization of Ideas	06	008884	5.436	0.947	0.545	0.639	90.600
	Correct and Effective Sentence Construction	10	008884	8.744	1.643	0.677	0.934	87.440
	Standard Usage and Appropriate Word Choice	12	008884	10.555	1.683	0.624	1.032	87.958
	Proofreading for Punctuation, Capitalization, and Spelling	12	008884	10.901	1.522	0.638	0.916	90.841

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 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	123775	36.086	8.079	0.892	2.655	75.179
	Basic Understanding	12	123775	9.594	2.317	0.713	1.241	79.950
	Applying Knowledge of Literary Elements	10	123775	8.154	1.738	0.591	1.112	81.540
	Using Strategies to Analyze	10	123775	7.819	1.998	0.655	1.174	78.190
	Applying Critical-Thinking Skills	16	123775	10.519	3.255	0.731	1.688	65.743
Mathematics	COMPLETE SUBTEST	48	124769	28.710	9.522	0.899	3.026	59.812
	Numbers, Operations, and Quantitative Reasoning	10	124769	6.200	2.367	0.659	1.382	62.000
	Patterns, Relationships, and Algebraic Reasoning	10	124769	5.621	2.474	0.692	1.373	56.210
	Geometry and Spatial Reasoning	07	124769	4.502	1.681	0.540	1.140	64.314
	Concepts and Uses of Measurement	05	124769	2.646	1.349	0.443	1.007	52.920
	Probability and Statistics	07	124769	3.870	1.788	0.573	1.168	55.285
	Mathematical Processes and Tools	09	124769	5.872	2.117	0.634	1.281	65.244
Writing	COMPLETE SUBTEST	44	121976	33.342	7.358	0.895	2.384	77.502
	Appropriate Organization of Ideas	06	121976	4.716	1.342	0.578	0.872	78.600
	Correct and Effective Sentence Construction	10	121976	7.471	2.244	0.712	1.204	74.710
	Standard Usage and Appropriate Word Choice	12	121976	9.326	2.355	0.700	1.290	77.716
	Proofreading for Punctuation, Capitalization, and Spelling	12	121976	9.489	2.355	0.710	1.268	79.075

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 07 TAKS (Spring 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	000998	39.111	7.136	0.885	2.420	81.481
	Basic Understanding	12	000998	10.261	1.956	0.679	1.108	85.508
	Applying Knowledge of Literary Elements	10	000998	8.573	1.504	0.541	1.019	85.730
	Using Strategies to Analyze	10	000998	8.472	1.751	0.658	1.024	84.720
	Applying Critical-Thinking Skills	16	000998	11.806	3.050	0.733	1.576	73.787
Mathematics	COMPLETE SUBTEST	48	000993	31.928	9.479	0.907	2.891	66.516
	Numbers, Operations, and Quantitative Reasoning	10	000993	6.811	2.368	0.700	1.297	68.110
	Patterns, Relationships, and Algebraic Reasoning	10	000993	6.409	2.479	0.717	1.319	64.090
	Geometry and Spatial Reasoning	07	000993	4.943	1.592	0.539	1.081	70.614
	Concepts and Uses of Measurement	05	000993	3.013	1.352	0.473	0.981	60.260
	Probability and Statistics	07	000993	4.361	1.825	0.620	1.125	62.300
	Mathematical Processes and Tools	09	000993	6.393	2.003	0.627	1.223	71.033
Writing	COMPLETE SUBTEST	44	000960	35.304	6.747	0.894	2.197	82.090
	Appropriate Organization of Ideas	06	000960	5.127	1.187	0.591	0.759	85.450
	Correct and Effective Sentence Construction	10	000960	7.803	2.050	0.683	1.154	78.030
	Standard Usage and Appropriate Word Choice	12	000960	10.023	2.094	0.693	1.160	83.525
	Proofreading for Punctuation, Capitalization, and Spelling	12	000960	9.883	2.190	0.706	1.187	82.358

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 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	118711	40.908	6.267	0.874	2.225	85.225
	Basic Understanding	12	118711	10.652	1.768	0.684	0.994	88.766
	Applying Knowledge of Literary Elements	10	118711	8.880	1.324	0.512	0.925	88.800
	Using Strategies to Analyze	10	118711	8.777	1.545	0.628	0.942	87.770
	Applying Critical-Thinking Skills	16	118711	12.598	2.708	0.700	1.483	78.737
Mathematics	COMPLETE SUBTEST	48	118563	34.707	8.866	0.903	2.761	72.306
	Numbers, Operations, and Quantitative Reasoning	10	118563	7.431	2.128	0.662	1.237	74.310
	Patterns, Relationships, and Algebraic Reasoning	10	118563	7.052	2.347	0.716	1.251	70.520
	Geometry and Spatial Reasoning	07	118563	5.272	1.490	0.520	1.032	75.314
	Concepts and Uses of Measurement	05	118563	3.265	1.333	0.487	0.955	65.300
	Probability and Statistics	07	118563	4.851	1.680	0.584	1.084	69.300
	Mathematical Processes and Tools	09	118563	6.835	1.899	0.633	1.150	75.944
Writing	COMPLETE SUBTEST	44	115461	37.098	5.819	0.882	1.999	86.225
	Appropriate Organization of Ideas	06	115461	5.369	1.018	0.573	0.665	89.483
	Correct and Effective Sentence Construction	10	115461	8.262	1.844	0.675	1.051	82.620
	Standard Usage and Appropriate Word Choice	12	115461	10.588	1.751	0.659	1.023	88.233
	Proofreading for Punctuation, Capitalization, and Spelling	12	115461	10.271	1.935	0.676	1.101	85.591

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 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	291845	40.060	7.974	0.918	2.283	83.458
	Basic Understanding	12	291845	10.424	2.080	0.753	1.034	86.866
	Applying Knowledge of Literary Elements	10	291845	8.004	2.011	0.691	1.118	80.040
	Using Strategies to Analyze	10	291845	8.345	1.872	0.680	1.059	83.450
	Applying Critical-Thinking Skills	16	291845	13.288	2.927	0.792	1.335	83.050
Mathematics	COMPLETE SUBTEST	50	291433	32.088	10.046	0.914	2.946	64.176
	Numbers, Operations, and Quantitative Reasoning	10	291433	6.195	2.424	0.702	1.323	61.950
	Patterns, Relationships, and Algebraic Reasoning	10	291433	6.590	2.457	0.724	1.291	65.900
	Geometry and Spatial Reasoning	07	291433	4.842	1.645	0.575	1.072	69.171
	Concepts and Uses of Measurement	05	291433	2.582	1.497	0.588	0.961	51.640
	Probability and Statistics	08	291433	5.488	1.660	0.522	1.148	68.600
	Mathematical Processes and Tools	10	291433	6.391	2.387	0.684	1.342	63.910
Social Studies	COMPLETE SUBTEST	48	294927	33.425	8.685	0.893	2.841	69.635
	Issues and Events in U.S. History	13	294927	8.854	2.897	0.742	1.471	68.107
	Geographic Influences on History	06	294927	4.147	1.482	0.535	1.011	69.116
	Economic and Social Influences on History	09	294927	6.388	1.764	0.515	1.228	70.977
	Political Influences on History	12	294927	8.016	2.570	0.671	1.474	66.800
	Critical-Thinking Skills	08	294927	6.020	1.687	0.580	1.093	75.250

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 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	146774	40.373	7.609	0.912	2.257	84.110
	Basic Understanding	12	146774	10.466	1.992	0.734	1.027	87.216
	Applying Knowledge of Literary Elements	10	146774	8.014	1.972	0.677	1.121	80.140
	Using Strategies to Analyze	10	146774	8.383	1.819	0.664	1.054	83.830
	Applying Critical-Thinking Skills	16	146774	13.510	2.763	0.778	1.302	84.437
Mathematics	COMPLETE SUBTEST	50	146272	32.060	9.968	0.913	2.940	64.120
	Numbers, Operations, and Quantitative Reasoning	10	146272	6.175	2.361	0.690	1.315	61.750
	Patterns, Relationships, and Algebraic Reasoning	10	146272	6.502	2.461	0.723	1.295	65.020
	Geometry and Spatial Reasoning	07	146272	4.857	1.619	0.559	1.075	69.385
	Concepts and Uses of Measurement	05	146272	2.588	1.503	0.596	0.955	51.760
	Probability and Statistics	08	146272	5.519	1.672	0.531	1.145	68.987
	Mathematical Processes and Tools	10	146272	6.419	2.382	0.685	1.337	64.190
Social Studies	COMPLETE SUBTEST	48	147322	32.889	8.326	0.880	2.884	68.518
	Issues and Events in U.S. History	13	147322	8.628	2.793	0.710	1.504	66.369
	Geographic Influences on History	06	147322	4.054	1.454	0.497	1.031	67.566
	Economic and Social Influences on History	09	147322	6.313	1.731	0.485	1.242	70.144
	Political Influences on History	12	147322	8.001	2.488	0.643	1.487	66.675
	Critical-Thinking Skills	08	147322	5.891	1.673	0.558	1.112	73.637

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 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	144878	39.750	8.310	0.923	2.306	82.812
	Basic Understanding	12	144878	10.382	2.163	0.770	1.037	86.516
	Applying Knowledge of Literary Elements	10	144878	7.996	2.048	0.704	1.114	79.960
	Using Strategies to Analyze	10	144878	8.308	1.922	0.696	1.060	83.080
	Applying Critical-Thinking Skills	16	144878	13.065	3.068	0.800	1.372	81.656
Mathematics	COMPLETE SUBTEST	50	144970	32.129	10.120	0.916	2.933	64.258
	Numbers, Operations, and Quantitative Reasoning	10	144970	6.218	2.484	0.714	1.328	62.180
	Patterns, Relationships, and Algebraic Reasoning	10	144970	6.680	2.449	0.725	1.284	66.800
	Geometry and Spatial Reasoning	07	144970	4.829	1.670	0.590	1.069	68.985
	Concepts and Uses of Measurement	05	144970	2.578	1.492	0.580	0.967	51.560
	Probability and Statistics	08	144970	5.459	1.645	0.516	1.144	68.237
	Mathematical Processes and Tools	10	144970	6.364	2.390	0.686	1.339	63.640
Social Studies	COMPLETE SUBTEST	48	147414	33.968	8.995	0.903	2.801	70.766
	Issues and Events in U.S. History	13	147414	9.082	2.979	0.767	1.438	69.861
	Geographic Influences on History	06	147414	4.240	1.503	0.568	0.988	70.666
	Economic and Social Influences on History	09	147414	6.464	1.793	0.542	1.213	71.822
	Political Influences on History	12	147414	8.034	2.648	0.696	1.460	66.950
	Critical-Thinking Skills	08	147414	6.149	1.691	0.601	1.068	76.862

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 08 TAKS (Spring 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	040754	38.429	8.195	0.909	2.472	80.060
	Basic Understanding	12	040754	10.051	2.176	0.726	1.139	83.758
	Applying Knowledge of Literary Elements	10	040754	7.579	2.099	0.671	1.204	75.790
	Using Strategies to Analyze	10	040754	7.973	1.931	0.641	1.157	79.730
	Applying Critical-Thinking Skills	16	040754	12.827	3.032	0.778	1.429	80.168
Mathematics	COMPLETE SUBTEST	50	040572	27.953	9.568	0.896	3.086	55.906
	Numbers, Operations, and Quantitative Reasoning	10	040572	5.371	2.324	0.649	1.377	53.710
	Patterns, Relationships, and Algebraic Reasoning	10	040572	5.721	2.432	0.685	1.365	57.210
	Geometry and Spatial Reasoning	07	040572	4.253	1.663	0.527	1.144	60.757
	Concepts and Uses of Measurement	05	040572	2.110	1.409	0.511	0.985	42.200
	Probability and Statistics	08	040572	4.956	1.706	0.497	1.210	61.950
	Mathematical Processes and Tools	10	040572	5.542	2.331	0.639	1.401	55.420
Social Studies	COMPLETE SUBTEST	48	041375	30.752	8.346	0.870	3.009	64.066
	Issues and Events in U.S. History	13	041375	7.954	2.837	0.694	1.569	61.184
	Geographic Influences on History	06	041375	3.674	1.477	0.461	1.084	61.233
	Economic and Social Influences on History	09	041375	6.042	1.753	0.476	1.269	67.133
	Political Influences on History	12	041375	7.545	2.513	0.626	1.537	62.875
	Critical-Thinking Skills	08	041375	5.538	1.727	0.534	1.179	69.225

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 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	008854	42.411	6.153	0.893	2.013	88.356
	Basic Understanding	12	008854	11.032	1.581	0.711	0.850	91.933
	Applying Knowledge of Literary Elements	10	008854	8.561	1.677	0.643	1.002	85.610
	Using Strategies to Analyze	10	008854	8.924	1.456	0.617	0.901	89.240
	Applying Critical-Thinking Skills	16	008854	13.893	2.330	0.719	1.235	86.831
Mathematics	COMPLETE SUBTEST	50	008893	39.384	8.496	0.911	2.535	78.768
	Numbers, Operations, and Quantitative Reasoning	10	008893	7.746	2.003	0.677	1.138	77.460
	Patterns, Relationships, and Algebraic Reasoning	10	008893	8.129	1.981	0.700	1.085	81.290
	Geometry and Spatial Reasoning	07	008893	5.763	1.359	0.560	0.901	82.328
	Concepts and Uses of Measurement	05	008893	3.575	1.410	0.632	0.855	71.500
	Probability and Statistics	08	008893	6.327	1.410	0.494	1.003	79.087
	Mathematical Processes and Tools	10	008893	7.843	2.065	0.688	1.153	78.430
Social Studies	COMPLETE SUBTEST	48	008879	38.698	7.429	0.890	2.464	80.620
	Issues and Events in U.S. History	13	008879	10.510	2.416	0.733	1.248	80.846
	Geographic Influences on History	06	008879	4.845	1.265	0.525	0.872	80.750
	Economic and Social Influences on History	09	008879	7.230	1.519	0.485	1.090	80.333
	Political Influences on History	12	008879	9.373	2.307	0.686	1.293	78.108
	Critical-Thinking Skills	08	008879	6.739	1.430	0.572	0.936	84.237

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 08 TAKS (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	120378	37.784	8.753	0.917	2.522	78.716
	Basic Understanding	12	120378	9.934	2.313	0.753	1.150	82.783
	Applying Knowledge of Literary Elements	10	120378	7.523	2.150	0.683	1.211	75.230
	Using Strategies to Analyze	10	120378	7.854	2.055	0.677	1.168	78.540
	Applying Critical-Thinking Skills	16	120378	12.473	3.246	0.793	1.477	77.956
Mathematics	COMPLETE SUBTEST	50	120883	29.487	9.837	0.904	3.048	58.974
	Numbers, Operations, and Quantitative Reasoning	10	120883	5.666	2.416	0.682	1.362	56.660
	Patterns, Relationships, and Algebraic Reasoning	10	120883	6.011	2.463	0.702	1.345	60.110
	Geometry and Spatial Reasoning	07	120883	4.547	1.650	0.546	1.112	64.957
	Concepts and Uses of Measurement	05	120883	2.283	1.437	0.540	0.975	45.660
	Probability and Statistics	08	120883	5.120	1.675	0.490	1.196	64.000
	Mathematical Processes and Tools	10	120883	5.859	2.391	0.666	1.382	58.590
Social Studies	COMPLETE SUBTEST	48	121805	30.912	8.457	0.875	2.990	64.400
	Issues and Events in U.S. History	13	121805	8.135	2.876	0.707	1.557	62.576
	Geographic Influences on History	06	121805	3.790	1.473	0.478	1.064	63.166
	Economic and Social Influences on History	09	121805	5.982	1.788	0.485	1.283	66.466
	Political Influences on History	12	121805	7.389	2.536	0.632	1.538	61.575
	Critical-Thinking Skills	08	121805	5.615	1.707	0.534	1.165	70.187

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 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	000955	40.858	7.449	0.913	2.197	85.120
	Basic Understanding	12	000955	10.576	1.999	0.753	0.993	88.133
	Applying Knowledge of Literary Elements	10	000955	8.115	1.954	0.687	1.093	81.150
	Using Strategies to Analyze	10	000955	8.556	1.739	0.664	1.008	85.560
	Applying Critical-Thinking Skills	16	000955	13.610	2.714	0.779	1.276	85.062
Mathematics	COMPLETE SUBTEST	50	000939	32.493	9.559	0.904	2.962	64.986
	Numbers, Operations, and Quantitative Reasoning	10	000939	6.249	2.356	0.675	1.343	62.490
	Patterns, Relationships, and Algebraic Reasoning	10	000939	6.666	2.376	0.704	1.293	66.660
	Geometry and Spatial Reasoning	07	000939	4.919	1.552	0.516	1.080	70.271
	Concepts and Uses of Measurement	05	000939	2.671	1.455	0.558	0.967	53.420
	Probability and Statistics	08	000939	5.547	1.580	0.476	1.144	69.337
	Mathematical Processes and Tools	10	000939	6.441	2.296	0.654	1.351	64.410
Social Studies	COMPLETE SUBTEST	48	000962	34.709	8.106	0.882	2.785	72.310
	Issues and Events in U.S. History	13	000962	9.231	2.724	0.717	1.449	71.007
	Geographic Influences on History	06	000962	4.368	1.406	0.514	0.980	72.800
	Economic and Social Influences on History	09	000962	6.549	1.643	0.459	1.208	72.766
	Political Influences on History	12	000962	8.280	2.500	0.665	1.447	69.000
	Critical-Thinking Skills	08	000962	6.282	1.565	0.550	1.050	78.525

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 08 TAKS (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	48	120588	42.721	6.129	0.897	1.967	89.002
	Basic Understanding	12	120588	10.996	1.627	0.716	0.867	91.633
	Applying Knowledge of Literary Elements	10	120588	8.590	1.663	0.647	0.988	85.900
	Using Strategies to Analyze	10	120588	8.919	1.470	0.623	0.903	89.190
	Applying Critical-Thinking Skills	16	120588	14.215	2.234	0.736	1.148	88.843
Mathematics	COMPLETE SUBTEST	50	119833	35.591	9.029	0.903	2.812	71.182
	Numbers, Operations, and Quantitative Reasoning	10	119833	6.896	2.241	0.677	1.274	68.960
	Patterns, Relationships, and Algebraic Reasoning	10	119833	7.357	2.201	0.694	1.218	73.570
	Geometry and Spatial Reasoning	07	119833	5.275	1.507	0.548	1.013	75.357
	Concepts and Uses of Measurement	05	119833	2.972	1.461	0.581	0.946	59.440
	Probability and Statistics	08	119833	5.980	1.476	0.468	1.077	74.750
	Mathematical Processes and Tools	10	119833	7.111	2.159	0.646	1.285	71.110
Social Studies	COMPLETE SUBTEST	48	121579	36.474	7.914	0.888	2.649	75.987
	Issues and Events in U.S. History	13	121579	9.761	2.645	0.735	1.362	75.084
	Geographic Influences on History	06	121579	4.615	1.344	0.521	0.930	76.916
	Economic and Social Influences on History	09	121579	6.853	1.620	0.486	1.161	76.144
	Political Influences on History	12	121579	8.709	2.424	0.669	1.395	72.575
	Critical-Thinking Skills	08	121579	6.536	1.498	0.564	0.989	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 09 TAKS (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	322161	30.676	5.840	0.870	2.106	83.015
	Basic Understanding	09	322161	7.722	1.449	0.568	0.952	85.800
	Literary Elements and Techniques	15	322161	11.599	2.241	0.727	1.171	85.233
	Analysis and Evaluation	18	322161	11.354	2.884	0.751	1.439	78.708
Mathematics	COMPLETE SUBTEST	52	318635	32.306	10.355	0.913	3.054	62.126
	Functional Relationships	05	318635	3.156	1.351	0.509	0.947	63.120
	Properties and Attributes of Functions	05	318635	3.204	1.226	0.421	0.933	64.080
	Linear Functions	05	318635	3.133	1.402	0.555	0.935	62.660
	Linear Equations and Inequalities	05	318635	3.181	1.386	0.540	0.940	63.620
	Quadratic and Other Nonlinear Functions	04	318635	2.765	1.110	0.485	0.797	69.125
	Geometric Relationships and Spatial Reasoning	04	318635	2.606	1.104	0.436	0.829	65.150
	Two- and Three-Dimensional Representations	04	318635	2.483	1.203	0.472	0.874	62.075
	Measurement and Similarity	06	318635	3.411	1.548	0.530	1.061	56.850
	Percents/Proportions/Probability/Statistics	05	318635	3.051	1.336	0.516	0.929	61.020
	Mathematical Processes and Tools	09	318635	5.315	2.141	0.639	1.286	59.055

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 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	159010	31.684	5.174	0.847	2.024	85.348
	Basic Understanding	09	159010	7.904	1.291	0.519	0.895	87.822
	Literary Elements and Techniques	15	159010	11.895	1.987	0.678	1.128	87.108
	Analysis and Evaluation	18	159010	11.885	2.643	0.723	1.391	81.725
Mathematics	COMPLETE SUBTEST	52	157534	32.365	10.050	0.908	3.048	62.240
	Functional Relationships	05	157534	3.159	1.336	0.499	0.946	63.180
	Properties and Attributes of Functions	05	157534	3.236	1.208	0.408	0.929	64.720
	Linear Functions	05	157534	3.181	1.380	0.545	0.931	63.620
	Linear Equations and Inequalities	05	157534	3.237	1.344	0.510	0.941	64.740
	Quadratic and Other Nonlinear Functions	04	157534	2.830	1.065	0.459	0.783	70.750
	Geometric Relationships and Spatial Reasoning	04	157534	2.618	1.089	0.414	0.834	65.450
	Two- and Three-Dimensional Representations	04	157534	2.384	1.212	0.472	0.881	59.600
	Measurement and Similarity	06	157534	3.387	1.542	0.529	1.058	56.450
	Percents/Proportions/Probability/Statistics	05	157534	3.038	1.307	0.506	0.919	60.760
	Mathematical Processes and Tools	09	157534	5.297	2.095	0.622	1.288	58.855

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

Grade 09 TAKS (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	162941	29.696	6.268	0.879	2.180	80.745
	Basic Understanding	09	162941	7.545	1.567	0.591	1.002	83.833
	Literary Elements and Techniques	15	162941	11.312	2.428	0.751	1.212	83.408
	Analysis and Evaluation	18	162941	10.838	3.012	0.757	1.485	75.766
Mathematics	COMPLETE SUBTEST	52	160721	32.265	10.640	0.918	3.047	62.048
	Functional Relationships	05	160721	3.156	1.364	0.522	0.943	63.120
	Properties and Attributes of Functions	05	160721	3.174	1.241	0.433	0.934	63.480
	Linear Functions	05	160721	3.088	1.422	0.566	0.937	61.760
	Linear Equations and Inequalities	05	160721	3.127	1.423	0.566	0.937	62.540
	Quadratic and Other Nonlinear Functions	04	160721	2.703	1.149	0.506	0.808	67.575
	Geometric Relationships and Spatial Reasoning	04	160721	2.596	1.118	0.455	0.825	64.900
	Two- and Three-Dimensional Representations	04	160721	2.583	1.185	0.473	0.860	64.575
	Measurement and Similarity	06	160721	3.437	1.552	0.531	1.063	57.283
	Percents/Proportions/Probability/Statistics	05	160721	3.065	1.363	0.529	0.935	61.300
	Mathematical Processes and Tools	09	160721	5.336	2.185	0.656	1.282	59.288

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 09 TAKS (Spring 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	046317	29.000	5.924	0.855	2.256	79.075
	Basic Understanding	09	046317	7.449	1.526	0.550	1.024	82.766
	Literary Elements and Techniques	15	046317	11.065	2.295	0.693	1.272	81.658
	Analysis and Evaluation	18	046317	10.487	2.913	0.727	1.522	73.716
Mathematics	COMPLETE SUBTEST	52	045286	28.005	9.358	0.884	3.187	53.855
	Functional Relationships	05	045286	2.760	1.331	0.445	0.992	55.200
	Properties and Attributes of Functions	05	045286	2.859	1.192	0.339	0.969	57.180
	Linear Functions	05	045286	2.773	1.379	0.495	0.980	55.460
	Linear Equations and Inequalities	05	045286	2.823	1.349	0.462	0.989	56.460
	Quadratic and Other Nonlinear Functions	04	045286	2.547	1.129	0.446	0.840	63.675
	Geometric Relationships and Spatial Reasoning	04	045286	2.306	1.113	0.396	0.865	57.650
	Two- and Three-Dimensional Representations	04	045286	1.994	1.184	0.390	0.925	49.850
	Measurement and Similarity	06	045286	2.829	1.437	0.411	1.103	47.150
	Percents/Proportions/Probability/Statistics	05	045286	2.678	1.276	0.428	0.965	53.560
	Mathematical Processes and Tools	09	045286	4.435	1.962	0.533	1.341	49.277

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

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

3 Multiple-choice and gridded items only

Grade 09 TAKS (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	009490	32.813	4.997	0.853	1.916	87.369
	Basic Understanding	09	009490	8.063	1.231	0.543	0.832	89.588
	Literary Elements and Techniques	15	009490	12.315	1.879	0.693	1.041	89.608
	Analysis and Evaluation	18	009490	12.435	2.575	0.725	1.350	83.466
Mathematics	COMPLETE SUBTEST	52	009550	40.308	9.321	0.921	2.620	77.515
	Functional Relationships	05	009550	3.921	1.124	0.466	0.821	78.420
	Properties and Attributes of Functions	05	009550	3.977	1.082	0.442	0.808	79.540
	Linear Functions	05	009550	4.005	1.180	0.563	0.780	80.100
	Linear Equations and Inequalities	05	009550	3.993	1.159	0.532	0.793	79.860
	Quadratic and Other Nonlinear Functions	04	009550	3.372	0.860	0.438	0.645	84.300
	Geometric Relationships and Spatial Reasoning	04	009550	3.218	0.962	0.472	0.699	80.450
	Two- and Three-Dimensional Representations	04	009550	3.089	1.061	0.506	0.746	77.225
	Measurement and Similarity	06	009550	4.345	1.509	0.611	0.941	72.416
	Percents/Proportions/Probability/Statistics	05	009550	3.814	1.205	0.546	0.812	76.280
	Mathematical Processes and Tools	09	009550	6.574	2.022	0.677	1.149	73.044

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 09 TAKS (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	134790	29.125	6.302	0.873	2.246	79.115
	Basic Understanding	09	134790	7.477	1.612	0.602	1.017	83.077
	Literary Elements and Techniques	15	134790	11.080	2.470	0.738	1.264	81.416
	Analysis and Evaluation	18	134790	10.568	2.993	0.741	1.523	73.841
Mathematics	COMPLETE SUBTEST	52	133081	29.237	9.744	0.895	3.157	56.225
	Functional Relationships	05	133081	2.854	1.351	0.465	0.988	57.080
	Properties and Attributes of Functions	05	133081	2.928	1.189	0.351	0.958	58.560
	Linear Functions	05	133081	2.873	1.394	0.523	0.963	57.460
	Linear Equations and Inequalities	05	133081	2.852	1.382	0.493	0.984	57.040
	Quadratic and Other Nonlinear Functions	04	133081	2.524	1.127	0.453	0.834	63.100
	Geometric Relationships and Spatial Reasoning	04	133081	2.388	1.096	0.389	0.857	59.700
	Two- and Three-Dimensional Representations	04	133081	2.253	1.191	0.417	0.909	56.325
	Measurement and Similarity	06	133081	3.063	1.490	0.461	1.094	51.050
	Percents/Proportions/Probability/Statistics	05	133081	2.733	1.297	0.457	0.956	54.660
	Mathematical Processes and Tools	09	133081	4.769	2.063	0.583	1.332	52.988

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 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	001093	31.551	4.988	0.834	2.032	85.400
	Basic Understanding	09	001093	7.817	1.261	0.443	0.941	86.855
	Literary Elements and Techniques	15	001093	11.894	1.930	0.656	1.132	87.316
	Analysis and Evaluation	18	001093	11.840	2.545	0.704	1.385	82.391
Mathematics	COMPLETE SUBTEST	52	001083	33.425	9.941	0.907	3.032	64.278
	Functional Relationships	05	001083	3.244	1.331	0.505	0.936	64.880
	Properties and Attributes of Functions	05	001083	3.300	1.184	0.372	0.938	66.000
	Linear Functions	05	001083	3.232	1.360	0.529	0.933	64.640
	Linear Equations and Inequalities	05	001083	3.274	1.348	0.513	0.941	65.480
	Quadratic and Other Nonlinear Functions	04	001083	2.820	1.102	0.490	0.787	70.500
	Geometric Relationships and Spatial Reasoning	04	001083	2.714	1.065	0.406	0.821	67.850
	Two- and Three-Dimensional Representations	04	001083	2.602	1.169	0.452	0.865	65.050
	Measurement and Similarity	06	001083	3.490	1.501	0.503	1.058	58.166
	Percents/Proportions/Probability/Statistics	05	001083	3.156	1.265	0.443	0.944	63.120
	Mathematical Processes and Tools	09	001083	5.593	2.021	0.602	1.275	62.144

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 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	129966	32.737	4.515	0.825	1.889	88.166
	Basic Understanding	09	129966	8.052	1.152	0.452	0.853	89.466
	Literary Elements and Techniques	15	129966	12.280	1.739	0.651	1.027	90.158
	Analysis and Evaluation	18	129966	12.405	2.365	0.691	1.315	85.200
Mathematics	COMPLETE SUBTEST	52	128896	36.432	9.490	0.907	2.894	70.061
	Functional Relationships	05	128896	3.555	1.237	0.481	0.891	71.100
	Properties and Attributes of Functions	05	128896	3.556	1.164	0.412	0.893	71.120
	Linear Functions	05	128896	3.469	1.330	0.548	0.894	69.380
	Linear Equations and Inequalities	05	128896	3.589	1.278	0.523	0.883	71.780
	Quadratic and Other Nonlinear Functions	04	128896	3.049	1.014	0.458	0.747	76.225
	Geometric Relationships and Spatial Reasoning	04	128896	2.894	1.028	0.410	0.790	72.350
	Two- and Three-Dimensional Representations	04	128896	2.851	1.101	0.442	0.822	71.275
	Measurement and Similarity	06	128896	3.911	1.463	0.518	1.016	65.183
	Percents/Proportions/Probability/Statistics	05	128896	3.456	1.268	0.510	0.888	69.120
	Mathematical Processes and Tools	09	128896	6.101	1.974	0.618	1.220	67.788

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 10 TAKS (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	266437	50.780	9.633	0.902	3.016	82.747
	Basic Understanding	08	266437	6.568	1.484	0.555	0.990	82.100
	Literary Elements and Techniques	11	266437	7.781	1.770	0.654	1.041	83.162
	Analysis and Evaluation	18	266437	11.357	2.565	0.673	1.467	77.800
	Revising and Editing	20	266437	17.161	3.336	0.832	1.367	85.805
Mathematics	COMPLETE SUBTEST	56	266419	35.047	11.393	0.924	3.141	62.583
	Functional Relationships	05	266419	3.149	1.228	0.377	0.969	62.980
	Properties and Attributes of Functions	05	266419	2.945	1.406	0.555	0.938	58.900
	Linear Functions	05	266419	3.376	1.368	0.557	0.911	67.520
	Linear Equations and Inequalities	05	266419	3.250	1.319	0.535	0.899	65.000
	Quadratic and Other Nonlinear Functions	05	266419	3.232	1.228	0.381	0.966	64.640
	Geometric Relationships and Spatial Reasoning	05	266419	2.869	1.413	0.513	0.986	57.380
	Two- and Three-Dimensional Representations	05	266419	3.677	1.326	0.613	0.825	73.540
	Measurement and Similarity	07	266419	3.858	1.996	0.694	1.104	55.114
	Percents/Proportions/Probability/Statistics	05	266419	3.052	1.320	0.474	0.957	61.040
	Mathematical Processes and Tools	09	266419	5.640	2.236	0.685	1.255	62.666
Social Studies	COMPLETE SUBTEST	50	267797	37.263	9.101	0.911	2.715	74.526
	Issues and Events in U.S. History	07	267797	4.595	1.874	0.661	1.091	65.642
	Geographic Influences on History	12	267797	9.439	2.332	0.715	1.245	78.658
	Economic and Social Influences on History	07	267797	5.432	1.549	0.588	0.994	77.600
	Political Influences on History	12	267797	8.212	2.602	0.690	1.449	68.433
	Critical-Thinking Skills	12	267797	9.586	2.360	0.730	1.226	79.883
Science	COMPLETE SUBTEST	55	265187	34.396	9.957	0.897	3.196	62.538
	Nature of Science	17	265187	11.411	3.489	0.761	1.706	67.123
	Organization of Living Systems	11	265187	7.110	2.256	0.606	1.416	64.636
	Interdependence of Organisms and the Environment	11	265187	6.195	2.393	0.604	1.506	56.318
	Structures and Properties of Matter	08	265187	4.253	2.043	0.616	1.266	53.162
	Motion, Forces, and Energy	08	265187	5.427	1.804	0.595	1.148	67.837

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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 10 TAKS (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	134419	52.136	9.011	0.888	3.016	83.925
	Basic Understanding	08	134419	6.646	1.423	0.527	0.979	83.075
	Literary Elements and Techniques	11	134419	7.896	1.724	0.640	1.034	83.800
	Analysis and Evaluation	18	134419	11.613	2.396	0.633	1.452	78.841
	Revising and Editing	20	134419	17.473	2.970	0.802	1.322	87.365
Mathematics	COMPLETE SUBTEST	56	134371	34.568	11.111	0.920	3.143	61.728
	Functional Relationships	05	134371	3.148	1.198	0.346	0.969	62.960
	Properties and Attributes of Functions	05	134371	2.941	1.395	0.550	0.936	58.820
	Linear Functions	05	134371	3.359	1.353	0.540	0.918	67.180
	Linear Equations and Inequalities	05	134371	3.218	1.286	0.514	0.897	64.360
	Quadratic and Other Nonlinear Functions	05	134371	3.226	1.207	0.363	0.963	64.520
	Geometric Relationships and Spatial Reasoning	05	134371	2.779	1.370	0.473	0.995	55.580
	Two- and Three-Dimensional Representations	05	134371	3.590	1.346	0.611	0.839	71.800
	Measurement and Similarity	07	134371	3.778	1.978	0.689	1.103	53.971
	Percents/Proportions/Probability/Statistics	05	134371	2.995	1.299	0.447	0.966	59.900
	Mathematical Processes and Tools	09	134371	5.533	2.216	0.678	1.257	61.477
Social Studies	COMPLETE SUBTEST	50	134536	36.824	8.828	0.902	2.764	73.648
	Issues and Events in U.S. History	07	134536	4.458	1.832	0.628	1.117	63.685
	Geographic Influences on History	12	134536	9.333	2.299	0.694	1.272	77.775
	Economic and Social Influences on History	07	134536	5.434	1.498	0.551	1.004	77.628
	Political Influences on History	12	134536	8.155	2.558	0.673	1.463	67.958
	Critical-Thinking Skills	12	134536	9.444	2.341	0.710	1.261	78.700
Science	COMPLETE SUBTEST	55	133399	33.717	9.538	0.886	3.220	61.303
	Nature of Science	17	133399	11.273	3.384	0.742	1.719	66.311
	Organization of Living Systems	11	133399	7.123	2.168	0.573	1.417	64.754
	Interdependence of Organisms and the Environment	11	133399	6.029	2.326	0.572	1.522	54.809
	Structures and Properties of Matter	08	133399	4.125	2.001	0.593	1.277	51.562
	Motion, Forces, and Energy	08	133399	5.166	1.778	0.557	1.183	64.575

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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 10 TAKS (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	131871	49.400	10.040	0.909	3.029	81.547
	Basic Understanding	08	131871	6.489	1.539	0.578	1.000	81.112
	Literary Elements and Techniques	11	131871	7.664	1.807	0.664	1.047	82.512
	Analysis and Evaluation	18	131871	11.097	2.701	0.700	1.479	76.750
	Revising and Editing	20	131871	16.843	3.644	0.851	1.407	84.215
Mathematics	COMPLETE SUBTEST	56	131830	35.545	11.650	0.929	3.104	63.473
	Functional Relationships	05	131830	3.150	1.257	0.409	0.966	63.000
	Properties and Attributes of Functions	05	131830	2.949	1.417	0.562	0.938	58.980
	Linear Functions	05	131830	3.394	1.382	0.574	0.902	67.880
	Linear Equations and Inequalities	05	131830	3.283	1.351	0.559	0.897	65.660
	Quadratic and Other Nonlinear Functions	05	131830	3.240	1.248	0.402	0.965	64.800
	Geometric Relationships and Spatial Reasoning	05	131830	2.961	1.449	0.548	0.974	59.220
	Two- and Three-Dimensional Representations	05	131830	3.765	1.298	0.613	0.807	75.300
	Measurement and Similarity	07	131830	3.941	2.010	0.699	1.103	56.300
	Percents/Proportions/Probability/Statistics	05	131830	3.110	1.338	0.497	0.949	62.200
	Mathematical Processes and Tools	09	131830	5.751	2.251	0.693	1.247	63.900
Social Studies	COMPLETE SUBTEST	50	133037	37.714	9.345	0.918	2.676	75.428
	Issues and Events in U.S. History	07	133037	4.734	1.906	0.691	1.060	67.628
	Geographic Influences on History	12	133037	9.547	2.360	0.734	1.217	79.558
	Economic and Social Influences on History	07	133037	5.432	1.598	0.621	0.984	77.600
	Political Influences on History	12	133037	8.270	2.645	0.706	1.434	68.916
	Critical-Thinking Skills	12	133037	9.731	2.370	0.748	1.190	81.091
Science	COMPLETE SUBTEST	55	131569	35.092	10.316	0.907	3.146	63.803
	Nature of Science	17	131569	11.554	3.586	0.778	1.690	67.964
	Organization of Living Systems	11	131569	7.098	2.341	0.636	1.412	64.527
	Interdependence of Organisms and the Environment	11	131569	6.365	2.448	0.630	1.489	57.863
	Structures and Properties of Matter	08	131569	4.383	2.077	0.636	1.253	54.787
	Motion, Forces, and Energy	08	131569	5.693	1.791	0.624	1.098	71.162

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 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	036537	47.741	9.405	0.890	3.119	78.902
	Basic Understanding	08	036537	6.224	1.540	0.510	1.078	77.800
	Literary Elements and Techniques	11	036537	7.270	1.831	0.624	1.123	78.400
	Analysis and Evaluation	18	036537	10.492	2.595	0.653	1.529	73.175
	Revising and Editing	20	036537	16.596	3.520	0.827	1.464	82.980
Mathematics	COMPLETE SUBTEST	56	036347	29.657	10.396	0.899	3.304	52.958
	Functional Relationships	05	036347	2.835	1.225	0.340	0.995	56.700
	Properties and Attributes of Functions	05	036347	2.435	1.366	0.473	0.992	48.700
	Linear Functions	05	036347	2.906	1.396	0.513	0.974	58.120
	Linear Equations and Inequalities	05	036347	2.853	1.307	0.480	0.942	57.060
	Quadratic and Other Nonlinear Functions	05	036347	2.929	1.234	0.330	1.010	58.580
	Geometric Relationships and Spatial Reasoning	05	036347	2.368	1.336	0.412	1.024	47.360
	Two- and Three-Dimensional Representations	05	036347	3.031	1.412	0.572	0.924	60.620
	Measurement and Similarity	07	036347	3.029	1.791	0.591	1.145	43.271
	Percents/Proportions/Probability/Statistics	05	036347	2.643	1.252	0.343	1.015	52.860
	Mathematical Processes and Tools	09	036347	4.628	2.108	0.607	1.321	51.422
Social Studies	COMPLETE SUBTEST	50	036702	33.775	9.271	0.899	2.946	67.550
	Issues and Events in U.S. History	07	036702	4.029	1.872	0.617	1.159	57.557
	Geographic Influences on History	12	036702	8.575	2.462	0.682	1.388	71.458
	Economic and Social Influences on History	07	036702	4.971	1.633	0.555	1.089	71.014
	Political Influences on History	12	036702	7.433	2.639	0.664	1.530	61.941
	Critical-Thinking Skills	12	036702	8.767	2.505	0.704	1.363	73.058
Science	COMPLETE SUBTEST	55	036276	29.889	8.991	0.862	3.340	54.343
	Nature of Science	17	036276	9.948	3.353	0.708	1.812	58.517
	Organization of Living Systems	11	036276	6.378	2.204	0.548	1.482	57.981
	Interdependence of Organisms and the Environment	11	036276	5.381	2.194	0.498	1.554	48.918
	Structures and Properties of Matter	08	036276	3.573	1.831	0.495	1.301	44.662
	Motion, Forces, and Energy	08	036276	4.609	1.754	0.502	1.238	57.612

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 10 TAKS (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	009399	54.729	8.753	0.888	2.929	86.954
	Basic Understanding	08	009399	6.974	1.286	0.536	0.876	87.175
	Literary Elements and Techniques	11	009399	8.176	1.670	0.637	1.006	85.662
	Analysis and Evaluation	18	009399	12.087	2.361	0.629	1.438	80.525
	Revising and Editing	20	009399	18.249	2.571	0.807	1.129	91.245
Mathematics	COMPLETE SUBTEST	56	009469	43.145	10.394	0.931	2.730	77.044
	Functional Relationships	05	009469	3.716	1.135	0.383	0.892	74.320
	Properties and Attributes of Functions	05	009469	3.779	1.281	0.598	0.812	75.580
	Linear Functions	05	009469	4.080	1.143	0.560	0.758	81.600
	Linear Equations and Inequalities	05	009469	3.924	1.192	0.567	0.784	78.480
	Quadratic and Other Nonlinear Functions	05	009469	3.851	1.129	0.437	0.847	77.020
	Geometric Relationships and Spatial Reasoning	05	009469	3.675	1.276	0.533	0.872	73.500
	Two- and Three-Dimensional Representations	05	009469	4.280	1.062	0.600	0.672	85.600
	Measurement and Similarity	07	009469	5.174	1.789	0.708	0.967	73.914
	Percents/Proportions/Probability/Statistics	05	009469	3.719	1.241	0.538	0.844	74.380
	Mathematical Processes and Tools	09	009469	6.947	2.009	0.700	1.100	77.188
Social Studies	COMPLETE SUBTEST	50	009427	41.690	7.564	0.903	2.356	83.380
	Issues and Events in U.S. History	07	009427	5.360	1.617	0.636	0.976	76.571
	Geographic Influences on History	12	009427	10.318	1.909	0.683	1.075	85.983
	Economic and Social Influences on History	07	009427	6.085	1.240	0.574	0.809	86.928
	Political Influences on History	12	009427	9.366	2.378	0.705	1.292	78.050
	Critical-Thinking Skills	12	009427	10.562	1.865	0.704	1.015	88.016
Science	COMPLETE SUBTEST	55	009404	40.397	9.247	0.900	2.924	73.449
	Nature of Science	17	009404	13.060	3.066	0.741	1.560	76.823
	Organization of Living Systems	11	009404	8.310	2.077	0.622	1.277	75.545
	Interdependence of Organisms and the Environment	11	009404	7.399	2.367	0.649	1.402	67.263
	Structures and Properties of Matter	08	009404	5.461	2.042	0.678	1.159	68.262
	Motion, Forces, and Energy	08	009404	6.167	1.585	0.565	1.045	77.087

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 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	102274	47.699	10.252	0.906	3.143	78.135
	Basic Understanding	08	102274	6.167	1.624	0.556	1.082	77.087
	Literary Elements and Techniques	11	102274	7.282	1.925	0.663	1.117	78.337
	Analysis and Evaluation	18	102274	10.718	2.702	0.687	1.512	73.875
	Revising and Editing	20	102274	16.205	3.753	0.836	1.520	81.025
Mathematics	COMPLETE SUBTEST	56	101952	31.573	10.832	0.910	3.250	56.380
	Functional Relationships	05	101952	2.933	1.241	0.368	0.987	58.660
	Properties and Attributes of Functions	05	101952	2.543	1.372	0.488	0.982	50.860
	Linear Functions	05	101952	3.087	1.391	0.532	0.952	61.740
	Linear Equations and Inequalities	05	101952	2.940	1.318	0.493	0.938	58.800
	Quadratic and Other Nonlinear Functions	05	101952	3.004	1.237	0.347	1.000	60.080
	Geometric Relationships and Spatial Reasoning	05	101952	2.618	1.386	0.471	1.008	52.360
	Two- and Three-Dimensional Representations	05	101952	3.377	1.342	0.577	0.873	67.540
	Measurement and Similarity	07	101952	3.349	1.885	0.634	1.140	47.842
	Percents/Proportions/Probability/Statistics	05	101952	2.681	1.279	0.391	0.998	53.620
	Mathematical Processes and Tools	09	101952	5.040	2.178	0.642	1.303	56.000
Social Studies	COMPLETE SUBTEST	50	101987	34.472	9.199	0.900	2.909	68.944
	Issues and Events in U.S. History	07	101987	4.148	1.877	0.625	1.149	59.257
	Geographic Influences on History	12	101987	8.747	2.444	0.690	1.361	72.891
	Economic and Social Influences on History	07	101987	5.089	1.605	0.551	1.075	72.700
	Political Influences on History	12	101987	7.599	2.589	0.658	1.514	63.325
	Critical-Thinking Skills	12	101987	8.889	2.495	0.709	1.346	74.075
Science	COMPLETE SUBTEST	55	100838	30.803	9.189	0.869	3.326	56.005
	Nature of Science	17	100838	10.242	3.374	0.718	1.792	60.247
	Organization of Living Systems	11	100838	6.507	2.179	0.546	1.468	59.154
	Interdependence of Organisms and the Environment	11	100838	5.481	2.248	0.523	1.553	49.827
	Structures and Properties of Matter	08	100838	3.656	1.863	0.514	1.299	45.700
	Motion, Forces, and Energy	08	100838	4.917	1.822	0.552	1.220	61.462

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 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	000871	52.342	8.467	0.882	2.909	85.397
	Basic Understanding	08	000871	6.750	1.324	0.486	0.949	84.375
	Literary Elements and Techniques	11	000871	8.076	1.498	0.568	0.985	86.525
	Analysis and Evaluation	18	000871	11.769	2.196	0.580	1.423	80.725
	Revising and Editing	20	000871	17.633	3.018	0.822	1.273	88.165
Mathematics	COMPLETE SUBTEST	56	000859	36.271	10.646	0.915	3.104	64.769
	Functional Relationships	05	000859	3.247	1.187	0.333	0.969	64.940
	Properties and Attributes of Functions	05	000859	3.087	1.297	0.489	0.927	61.740
	Linear Functions	05	000859	3.511	1.298	0.523	0.896	70.220
	Linear Equations and Inequalities	05	000859	3.342	1.255	0.503	0.885	66.840
	Quadratic and Other Nonlinear Functions	05	000859	3.324	1.195	0.362	0.955	66.480
	Geometric Relationships and Spatial Reasoning	05	000859	2.884	1.357	0.459	0.998	57.680
	Two- and Three-Dimensional Representations	05	000859	3.882	1.224	0.573	0.800	77.640
	Measurement and Similarity	07	000859	4.013	1.948	0.680	1.102	57.328
	Percents/Proportions/Probability/Statistics	05	000859	3.142	1.281	0.451	0.949	62.840
	Mathematical Processes and Tools	09	000859	5.839	2.115	0.653	1.246	64.877
Social Studies	COMPLETE SUBTEST	50	000871	38.875	8.139	0.896	2.625	77.750
	Issues and Events in U.S. History	07	000871	4.832	1.814	0.660	1.058	69.028
	Geographic Influences on History	12	000871	9.836	2.046	0.661	1.191	81.966
	Economic and Social Influences on History	07	000871	5.612	1.471	0.582	0.951	80.171
	Political Influences on History	12	000871	8.514	2.436	0.654	1.433	70.950
	Critical-Thinking Skills	12	000871	10.080	2.032	0.686	1.139	84.000
Science	COMPLETE SUBTEST	55	000847	36.061	9.143	0.882	3.141	65.565
	Nature of Science	17	000847	11.921	3.280	0.742	1.666	70.123
	Organization of Living Systems	11	000847	7.403	2.152	0.579	1.396	67.300
	Interdependence of Organisms and the Environment	11	000847	6.538	2.254	0.562	1.492	59.436
	Structures and Properties of Matter	08	000847	4.453	1.933	0.562	1.279	55.662
	Motion, Forces, and Energy	08	000847	5.746	1.646	0.549	1.105	71.825

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 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	117024	54.111	7.808	0.865	2.869	87.647
	Basic Understanding	08	117024	6.994	1.198	0.473	0.870	87.425
	Literary Elements and Techniques	11	117024	8.346	1.399	0.553	0.935	88.662
	Analysis and Evaluation	18	117024	12.127	2.178	0.592	1.391	82.466
	Revising and Editing	20	117024	18.088	2.574	0.789	1.182	90.440
Mathematics	COMPLETE SUBTEST	56	117385	39.095	10.389	0.917	2.993	69.812
	Functional Relationships	05	117385	3.388	1.160	0.333	0.947	67.760
	Properties and Attributes of Functions	05	117385	3.385	1.285	0.527	0.884	67.700
	Linear Functions	05	117385	3.717	1.240	0.522	0.857	74.340
	Linear Equations and Inequalities	05	117385	3.588	1.223	0.511	0.855	71.760
	Quadratic and Other Nonlinear Functions	05	117385	3.476	1.156	0.356	0.928	69.520
	Geometric Relationships and Spatial Reasoning	05	117385	3.179	1.370	0.508	0.961	63.580
	Two- and Three-Dimensional Representations	05	117385	4.089	1.136	0.570	0.745	81.780
	Measurement and Similarity	07	117385	4.453	1.930	0.696	1.064	63.614
	Percents/Proportions/Probability/Statistics	05	117385	3.447	1.241	0.464	0.909	68.940
	Mathematical Processes and Tools	09	117385	6.373	2.042	0.660	1.191	70.811
Social Studies	COMPLETE SUBTEST	50	118381	40.404	7.773	0.898	2.482	80.808
	Issues and Events in U.S. History	07	118381	5.096	1.734	0.652	1.023	72.800
	Geographic Influences on History	12	118381	10.234	1.895	0.668	1.092	85.283
	Economic and Social Influences on History	07	118381	5.821	1.371	0.570	0.899	83.157
	Political Influences on History	12	118381	8.891	2.406	0.674	1.374	74.091
	Critical-Thinking Skills	12	118381	10.362	1.911	0.684	1.074	86.350
Science	COMPLETE SUBTEST	55	117409	38.404	9.063	0.888	3.033	69.825
	Nature of Science	17	117409	12.740	3.086	0.733	1.595	74.941
	Organization of Living Systems	11	117409	7.759	2.121	0.591	1.356	70.536
	Interdependence of Organisms and the Environment	11	117409	6.964	2.291	0.600	1.449	63.309
	Structures and Properties of Matter	08	117409	4.880	2.019	0.627	1.233	61.000
	Motion, Forces, and Energy	08	117409	6.060	1.562	0.548	1.050	75.750

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 11 TAKS (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	230130	53.102	9.419	0.904	2.918	83.775
	Basic Understanding	08	230130	7.056	1.175	0.521	0.813	88.200
	Literary Elements and Techniques	11	230130	7.587	1.794	0.596	1.140	78.875
	Analysis and Evaluation	18	230130	11.783	2.905	0.749	1.455	79.725
	Revising and Editing	20	230130	17.280	3.098	0.809	1.354	86.400
Mathematics	COMPLETE SUBTEST	60	228069	39.691	11.537	0.925	3.160	66.151
	Functional Relationships	05	228069	3.619	1.319	0.577	0.858	72.380
	Properties and Attributes of Functions	05	228069	3.451	1.348	0.560	0.894	69.020
	Linear Functions	05	228069	3.386	1.296	0.541	0.878	67.720
	Linear Equations and Inequalities	05	228069	3.580	1.276	0.551	0.855	71.600
	Quadratic and Other Nonlinear Functions	05	228069	3.586	1.269	0.509	0.889	71.720
	Geometric Relationships and Spatial Reasoning	07	228069	4.124	1.809	0.590	1.158	58.914
	Two- and Three-Dimensional Representations	07	228069	5.085	1.566	0.571	1.026	72.642
	Measurement and Similarity	07	228069	4.287	1.809	0.617	1.120	61.242
	Percents/Proportions/Probability/Statistics	05	228069	3.162	1.274	0.475	0.923	63.240
	Mathematical Processes and Tools	09	228069	5.412	1.980	0.601	1.251	60.133
Social Studies	COMPLETE SUBTEST	55	230317	41.464	9.093	0.905	2.803	75.389
	Issues and Events in U.S. History	13	230317	8.953	2.615	0.679	1.482	68.869
	Geographic Influences on History	09	230317	6.996	1.864	0.648	1.106	77.733
	Economic and Social Influences on History	13	230317	9.729	2.496	0.705	1.356	74.838
	Political Influences on History	09	230317	6.794	1.818	0.611	1.134	75.488
	Critical-Thinking Skills	11	230317	8.992	1.972	0.673	1.128	81.745
Science	COMPLETE SUBTEST	55	228802	34.707	8.977	0.875	3.174	63.103
	Nature of Science	17	228802	11.010	3.167	0.709	1.708	64.764
	Organization of Living Systems	08	228802	4.730	1.804	0.509	1.264	59.125
	Interdependence of Organisms and the Environment	08	228802	5.401	1.644	0.465	1.202	67.512
	Structures and Properties of Matter	11	228802	6.135	2.244	0.559	1.490	55.772
	Motion, Forces, and Energy	11	228802	7.431	2.226	0.625	1.363	67.554

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 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	117118	54.096	9.145	0.900	2.892	84.575
	Basic Understanding	08	117118	7.079	1.160	0.514	0.809	88.487
	Literary Elements and Techniques	11	117118	7.665	1.753	0.580	1.136	79.462
	Analysis and Evaluation	18	117118	11.916	2.907	0.750	1.454	79.950
	Revising and Editing	20	117118	17.566	2.849	0.790	1.306	87.830
Mathematics	COMPLETE SUBTEST	60	115958	38.670	11.391	0.922	3.181	64.450
	Functional Relationships	05	115958	3.629	1.307	0.565	0.862	72.580
	Properties and Attributes of Functions	05	115958	3.409	1.362	0.556	0.908	68.180
	Linear Functions	05	115958	3.312	1.283	0.522	0.887	66.240
	Linear Equations and Inequalities	05	115958	3.486	1.283	0.547	0.864	69.720
	Quadratic and Other Nonlinear Functions	05	115958	3.554	1.260	0.500	0.891	71.080
	Geometric Relationships and Spatial Reasoning	07	115958	3.963	1.801	0.576	1.173	56.614
	Two- and Three-Dimensional Representations	07	115958	4.921	1.562	0.562	1.034	70.300
	Measurement and Similarity	07	115958	4.119	1.794	0.603	1.130	58.842
	Percents/Proportions/Probability/Statistics	05	115958	3.054	1.281	0.459	0.942	61.080
	Mathematical Processes and Tools	09	115958	5.224	1.945	0.588	1.248	58.044
Social Studies	COMPLETE SUBTEST	55	116844	40.247	9.104	0.900	2.879	73.176
	Issues and Events in U.S. History	13	116844	8.578	2.580	0.651	1.524	65.984
	Geographic Influences on History	09	116844	6.689	1.908	0.628	1.164	74.322
	Economic and Social Influences on History	13	116844	9.524	2.537	0.704	1.380	73.261
	Political Influences on History	09	116844	6.705	1.794	0.589	1.150	74.500
	Critical-Thinking Skills	11	116844	8.751	2.024	0.667	1.168	79.554
Science	COMPLETE SUBTEST	55	116153	33.457	8.812	0.866	3.226	60.830
	Nature of Science	17	116153	10.646	3.114	0.693	1.725	62.623
	Organization of Living Systems	08	116153	4.581	1.791	0.495	1.273	57.262
	Interdependence of Organisms and the Environment	08	116153	5.261	1.662	0.459	1.222	65.762
	Structures and Properties of Matter	11	116153	5.937	2.213	0.535	1.509	53.972
	Motion, Forces, and Energy	11	116153	7.032	2.225	0.601	1.405	63.927

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 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	112905	52.077	9.583	0.907	2.922	82.956
	Basic Understanding	08	112905	7.032	1.190	0.532	0.814	87.900
	Literary Elements and Techniques	11	112905	7.507	1.831	0.610	1.143	78.287
	Analysis and Evaluation	18	112905	11.646	2.896	0.748	1.454	79.491
	Revising and Editing	20	112905	16.985	3.308	0.821	1.400	84.925
Mathematics	COMPLETE SUBTEST	60	111966	40.760	11.587	0.928	3.109	67.933
	Functional Relationships	05	111966	3.610	1.332	0.588	0.855	72.200
	Properties and Attributes of Functions	05	111966	3.496	1.332	0.563	0.881	69.920
	Linear Functions	05	111966	3.463	1.303	0.557	0.867	69.260
	Linear Equations and Inequalities	05	111966	3.677	1.260	0.553	0.842	73.540
	Quadratic and Other Nonlinear Functions	05	111966	3.620	1.277	0.522	0.883	72.400
	Geometric Relationships and Spatial Reasoning	07	111966	4.292	1.803	0.598	1.143	61.314
	Two- and Three-Dimensional Representations	07	111966	5.256	1.552	0.580	1.006	75.085
	Measurement and Similarity	07	111966	4.462	1.807	0.625	1.107	63.742
	Percents/Proportions/Probability/Statistics	05	111966	3.274	1.257	0.483	0.904	65.480
	Mathematical Processes and Tools	09	111966	5.609	1.997	0.608	1.250	62.322
Social Studies	COMPLETE SUBTEST	55	113318	42.727	8.903	0.907	2.715	77.685
	Issues and Events in U.S. History	13	113318	9.343	2.594	0.695	1.433	71.869
	Geographic Influences on History	09	113318	7.314	1.761	0.653	1.037	81.266
	Economic and Social Influences on History	13	113318	9.942	2.434	0.703	1.326	76.476
	Political Influences on History	09	113318	6.887	1.837	0.630	1.117	76.522
	Critical-Thinking Skills	11	113318	9.242	1.883	0.672	1.078	84.018
Science	COMPLETE SUBTEST	55	112497	36.005	8.962	0.879	3.117	65.463
	Nature of Science	17	112497	11.388	3.176	0.720	1.681	66.988
	Organization of Living Systems	08	112497	4.886	1.805	0.516	1.256	61.075
	Interdependence of Organisms and the Environment	08	112497	5.546	1.612	0.465	1.179	69.325
	Structures and Properties of Matter	11	112497	6.341	2.257	0.577	1.468	57.645
	Motion, Forces, and Energy	11	112497	7.845	2.150	0.626	1.315	71.318

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 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	030008	50.223	9.172	0.890	3.042	80.183
	Basic Understanding	08	030008	6.869	1.218	0.473	0.884	85.862
	Literary Elements and Techniques	11	030008	7.146	1.869	0.581	1.210	74.575
	Analysis and Evaluation	18	030008	10.924	2.852	0.708	1.541	75.566
	Revising and Editing	20	030008	16.585	3.276	0.796	1.480	82.925
Mathematics	COMPLETE SUBTEST	60	029624	33.975	10.631	0.900	3.362	56.625
	Functional Relationships	05	029624	3.219	1.384	0.543	0.936	64.380
	Properties and Attributes of Functions	05	029624	2.983	1.377	0.515	0.959	59.660
	Linear Functions	05	029624	2.945	1.296	0.471	0.943	58.900
	Linear Equations and Inequalities	05	029624	3.121	1.273	0.489	0.910	62.420
	Quadratic and Other Nonlinear Functions	05	029624	3.203	1.308	0.471	0.951	64.060
	Geometric Relationships and Spatial Reasoning	07	029624	3.397	1.669	0.466	1.220	48.528
	Two- and Three-Dimensional Representations	07	029624	4.343	1.616	0.527	1.111	62.042
	Measurement and Similarity	07	029624	3.433	1.662	0.496	1.180	49.042
	Percents/Proportions/Probability/Statistics	05	029624	2.703	1.274	0.399	0.988	54.060
	Mathematical Processes and Tools	09	029624	4.628	1.828	0.497	1.296	51.422
Social Studies	COMPLETE SUBTEST	55	029979	38.542	8.868	0.886	2.994	70.076
	Issues and Events in U.S. History	13	029979	8.204	2.616	0.644	1.561	63.107
	Geographic Influences on History	09	029979	6.350	1.882	0.577	1.224	70.555
	Economic and Social Influences on History	13	029979	9.263	2.376	0.650	1.406	71.253
	Political Influences on History	09	029979	6.421	1.829	0.570	1.199	71.344
	Critical-Thinking Skills	11	029979	8.303	2.066	0.629	1.258	75.481
Science	COMPLETE SUBTEST	55	029738	30.780	8.223	0.838	3.310	55.963
	Nature of Science	17	029738	9.666	2.969	0.640	1.781	56.858
	Organization of Living Systems	08	029738	4.274	1.754	0.449	1.302	53.425
	Interdependence of Organisms and the Environment	08	029738	4.860	1.648	0.425	1.250	60.750
	Structures and Properties of Matter	11	029738	5.425	2.103	0.459	1.547	49.318
	Motion, Forces, and Energy	11	029738	6.555	2.146	0.537	1.460	59.590

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 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	008693	56.602	8.962	0.904	2.777	87.545
	Basic Understanding	08	008693	7.308	1.042	0.510	0.729	91.350
	Literary Elements and Techniques	11	008693	8.101	1.688	0.613	1.050	83.550
	Analysis and Evaluation	18	008693	12.562	2.814	0.753	1.399	82.108
	Revising and Editing	20	008693	18.177	2.570	0.800	1.149	90.885
Mathematics	COMPLETE SUBTEST	60	008692	47.039	10.381	0.930	2.747	78.398
	Functional Relationships	05	008692	4.264	1.028	0.542	0.696	85.280
	Properties and Attributes of Functions	05	008692	4.104	1.135	0.558	0.755	82.080
	Linear Functions	05	008692	4.038	1.045	0.499	0.740	80.760
	Linear Equations and Inequalities	05	008692	4.105	1.096	0.543	0.741	82.100
	Quadratic and Other Nonlinear Functions	05	008692	4.208	1.044	0.524	0.720	84.160
	Geometric Relationships and Spatial Reasoning	07	008692	5.153	1.680	0.638	1.011	73.614
	Two- and Three-Dimensional Representations	07	008692	5.776	1.335	0.556	0.890	82.514
	Measurement and Similarity	07	008692	5.204	1.678	0.654	0.987	74.342
	Percents/Proportions/Probability/Statistics	05	008692	3.707	1.152	0.480	0.831	74.140
	Mathematical Processes and Tools	09	008692	6.480	2.014	0.668	1.160	72.000
Social Studies	COMPLETE SUBTEST	55	008712	45.041	8.291	0.908	2.515	81.892
	Issues and Events in U.S. History	13	008712	10.047	2.384	0.687	1.334	77.284
	Geographic Influences on History	09	008712	7.476	1.724	0.668	0.993	83.066
	Economic and Social Influences on History	13	008712	10.567	2.259	0.707	1.223	81.284
	Political Influences on History	09	008712	7.406	1.649	0.627	1.007	82.288
	Critical-Thinking Skills	11	008712	9.545	1.758	0.683	0.990	86.772
Science	COMPLETE SUBTEST	55	008688	39.528	8.877	0.888	2.971	71.869
	Nature of Science	17	008688	12.464	3.024	0.722	1.594	73.317
	Organization of Living Systems	08	008688	5.619	1.768	0.560	1.173	70.237
	Interdependence of Organisms and the Environment	08	008688	5.849	1.590	0.488	1.138	73.112
	Structures and Properties of Matter	11	008688	7.163	2.280	0.609	1.426	65.118
	Motion, Forces, and Energy	11	008688	8.433	2.145	0.666	1.240	76.663

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 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	083135	49.865	10.298	0.911	3.072	79.145
	Basic Understanding	08	083135	6.790	1.395	0.582	0.902	84.875
	Literary Elements and Techniques	11	083135	7.202	1.923	0.608	1.204	74.600
	Analysis and Evaluation	18	083135	10.791	3.141	0.753	1.561	73.666
	Revising and Editing	20	083135	16.391	3.506	0.816	1.504	81.955
Mathematics	COMPLETE SUBTEST	60	082086	36.072	11.083	0.912	3.288	60.120
	Functional Relationships	05	082086	3.320	1.384	0.567	0.911	66.400
	Properties and Attributes of Functions	05	082086	3.140	1.373	0.530	0.941	62.800
	Linear Functions	05	082086	3.060	1.311	0.501	0.926	61.200
	Linear Equations and Inequalities	05	082086	3.261	1.303	0.522	0.901	65.220
	Quadratic and Other Nonlinear Functions	05	082086	3.304	1.311	0.485	0.941	66.080
	Geometric Relationships and Spatial Reasoning	07	082086	3.631	1.729	0.515	1.204	51.871
	Two- and Three-Dimensional Representations	07	082086	4.776	1.582	0.547	1.065	68.228
	Measurement and Similarity	07	082086	3.869	1.767	0.568	1.161	55.271
	Percents/Proportions/Probability/Statistics	05	082086	2.858	1.249	0.401	0.967	57.160
	Mathematical Processes and Tools	09	082086	4.852	1.880	0.536	1.281	53.911
Social Studies	COMPLETE SUBTEST	55	082715	38.210	9.493	0.900	3.002	69.472
	Issues and Events in U.S. History	13	082715	8.308	2.667	0.663	1.548	63.907
	Geographic Influences on History	09	082715	6.371	2.025	0.643	1.210	70.788
	Economic and Social Influences on History	13	082715	8.831	2.630	0.692	1.460	67.930
	Political Influences on History	09	082715	6.336	1.888	0.588	1.212	70.400
	Critical-Thinking Skills	11	082715	8.364	2.111	0.656	1.238	76.036
Science	COMPLETE SUBTEST	55	082226	31.280	8.359	0.845	3.291	56.872
	Nature of Science	17	082226	9.899	2.990	0.649	1.771	58.229
	Organization of Living Systems	08	082226	4.331	1.763	0.461	1.294	54.137
	Interdependence of Organisms and the Environment	08	082226	4.967	1.652	0.428	1.249	62.087
	Structures and Properties of Matter	11	082226	5.399	2.088	0.464	1.529	49.081
	Motion, Forces, and Energy	11	082226	6.684	2.212	0.577	1.439	60.763

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 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	000706	54.106	9.019	0.900	2.852	85.056
	Basic Understanding	08	000706	7.146	1.099	0.502	0.776	89.325
	Literary Elements and Techniques	11	000706	7.691	1.747	0.589	1.120	80.325
	Analysis and Evaluation	18	000706	12.164	2.716	0.731	1.409	81.941
	Revising and Editing	20	000706	17.422	3.187	0.834	1.298	87.110
Mathematics	COMPLETE SUBTEST	60	000695	40.588	10.955	0.918	3.137	67.646
	Functional Relationships	05	000695	3.705	1.207	0.504	0.850	74.100
	Properties and Attributes of Functions	05	000695	3.450	1.325	0.543	0.896	69.000
	Linear Functions	05	000695	3.456	1.261	0.521	0.873	69.120
	Linear Equations and Inequalities	05	000695	3.694	1.213	0.520	0.840	73.880
	Quadratic and Other Nonlinear Functions	05	000695	3.672	1.237	0.500	0.875	73.440
	Geometric Relationships and Spatial Reasoning	07	000695	4.242	1.746	0.559	1.159	60.600
	Two- and Three-Dimensional Representations	07	000695	5.194	1.460	0.500	1.032	74.200
	Measurement and Similarity	07	000695	4.387	1.781	0.609	1.114	62.671
	Percents/Proportions/Probability/Statistics	05	000695	3.164	1.295	0.507	0.909	63.280
	Mathematical Processes and Tools	09	000695	5.624	1.978	0.618	1.223	62.488
Social Studies	COMPLETE SUBTEST	55	000703	42.620	8.157	0.888	2.730	77.490
	Issues and Events in U.S. History	13	000703	9.145	2.451	0.644	1.462	70.346
	Geographic Influences on History	09	000703	7.307	1.625	0.581	1.052	81.188
	Economic and Social Influences on History	13	000703	10.020	2.308	0.669	1.328	77.076
	Political Influences on History	09	000703	6.819	1.758	0.586	1.131	75.766
	Critical-Thinking Skills	11	000703	9.329	1.744	0.626	1.067	84.809
Science	COMPLETE SUBTEST	55	000694	36.183	8.282	0.856	3.143	65.787
	Nature of Science	17	000694	11.428	3.019	0.685	1.694	67.223
	Organization of Living Systems	08	000694	4.911	1.709	0.443	1.275	61.387
	Interdependence of Organisms and the Environment	08	000694	5.545	1.591	0.438	1.193	69.312
	Structures and Properties of Matter	11	000694	6.494	2.124	0.522	1.468	59.036
	Motion, Forces, and Energy	11	000694	7.805	2.068	0.594	1.318	70.954

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 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	COMPLETE SUBTEST	73	107319	56.144	7.499	0.867	2.735	88.083
	Basic Understanding	08	107319	7.294	0.899	0.359	0.720	91.175
	Literary Elements and Techniques	11	107319	7.969	1.567	0.532	1.072	83.037
	Analysis and Evaluation	18	107319	12.730	2.353	0.677	1.337	85.391
	Revising and Editing	20	107319	18.095	2.429	0.762	1.185	90.475
Mathematics	COMPLETE SUBTEST	60	106680	43.481	10.520	0.918	3.012	72.468
	Functional Relationships	05	106680	3.909	1.176	0.533	0.804	78.180
	Properties and Attributes of Functions	05	106680	3.769	1.230	0.528	0.845	75.380
	Linear Functions	05	106680	3.707	1.192	0.515	0.830	74.140
	Linear Equations and Inequalities	05	106680	3.910	1.158	0.522	0.801	78.200
	Quadratic and Other Nonlinear Functions	05	106680	3.860	1.154	0.475	0.836	77.200
	Geometric Relationships and Spatial Reasoning	07	106680	4.623	1.732	0.586	1.114	66.042
	Two- and Three-Dimensional Representations	07	106680	5.475	1.417	0.531	0.970	78.214
	Measurement and Similarity	07	106680	4.773	1.710	0.604	1.076	68.185
	Percents/Proportions/Probability/Statistics	05	106680	3.480	1.201	0.470	0.874	69.600
	Mathematical Processes and Tools	09	106680	5.975	1.883	0.583	1.216	66.388
Social Studies	COMPLETE SUBTEST	55	107903	44.491	7.646	0.886	2.582	80.892
	Issues and Events in U.S. History	13	107903	9.571	2.402	0.656	1.409	73.623
	Geographic Influences on History	09	107903	7.617	1.481	0.558	0.985	84.633
	Economic and Social Influences on History	13	107903	10.482	2.156	0.662	1.253	80.630
	Political Influences on History	09	107903	7.201	1.656	0.592	1.058	80.011
	Critical-Thinking Skills	11	107903	9.620	1.598	0.616	0.990	87.454
Science	COMPLETE SUBTEST	55	107154	38.042	8.141	0.860	3.046	69.167
	Nature of Science	17	107154	12.119	2.901	0.683	1.633	71.288
	Organization of Living Systems	08	107154	5.092	1.748	0.499	1.237	63.650
	Interdependence of Organisms and the Environment	08	107154	5.849	1.499	0.411	1.150	73.112
	Structures and Properties of Matter	11	107154	6.814	2.147	0.548	1.443	61.945
	Motion, Forces, and Energy	11	107154	8.168	1.965	0.579	1.275	74.254

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 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	027489	26.322	6.476	0.868	2.353	73.116
	Basic Understanding	15	027489	11.674	2.813	0.744	1.423	77.826
	Applying Knowledge of Literary Elements	07	027489	5.359	1.550	0.577	1.008	76.557
	Using Strategies to Analyze	06	027489	4.320	1.436	0.537	0.977	72.000
	Applying Critical-Thinking Skills	08	027489	4.970	1.857	0.558	1.235	62.125
Mathematics	COMPLETE SUBTEST	40	026033	28.671	6.554	0.858	2.470	71.677
	Numbers, Operations, and Quantitative Reasoning	10	026033	7.355	1.824	0.555	1.217	73.550
	Patterns, Relationships, and Algebraic Reasoning	06	026033	4.349	1.367	0.522	0.945	72.483
	Geometry and Spatial Reasoning	06	026033	4.725	1.156	0.430	0.873	78.750
	Concepts and Uses of Measurement	06	026033	4.641	1.383	0.571	0.906	77.350
	Probability and Statistics	04	026033	3.081	0.975	0.406	0.751	77.025
	Mathematical Processes and Tools	08	026033	4.522	1.886	0.570	1.237	56.525

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 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	013731	26.954	6.228	0.863	2.305	74.872
	Basic Understanding	15	013731	11.907	2.714	0.737	1.392	79.380
	Applying Knowledge of Literary Elements	07	013731	5.492	1.482	0.559	0.984	78.457
	Using Strategies to Analyze	06	013731	4.474	1.382	0.526	0.951	74.566
	Applying Critical-Thinking Skills	08	013731	5.081	1.829	0.554	1.221	63.512
Mathematics	COMPLETE SUBTEST	40	012918	28.573	6.537	0.857	2.472	71.432
	Numbers, Operations, and Quantitative Reasoning	10	012918	7.400	1.799	0.551	1.205	74.000
	Patterns, Relationships, and Algebraic Reasoning	06	012918	4.339	1.354	0.513	0.945	72.316
	Geometry and Spatial Reasoning	06	012918	4.647	1.187	0.440	0.888	77.450
	Concepts and Uses of Measurement	06	012918	4.568	1.423	0.580	0.922	76.133
	Probability and Statistics	04	012918	3.080	0.977	0.404	0.754	77.000
	Mathematical Processes and Tools	08	012918	4.539	1.852	0.558	1.231	56.737

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 03 Spanish TAKS (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	013748	25.691	6.656	0.871	2.391	71.363
	Basic Understanding	15	013748	11.440	2.891	0.747	1.454	76.266
	Applying Knowledge of Literary Elements	07	013748	5.226	1.603	0.588	1.029	74.657
	Using Strategies to Analyze	06	013748	4.167	1.472	0.538	1.001	69.450
	Applying Critical-Thinking Skills	08	013748	4.858	1.877	0.561	1.244	60.725
Mathematics	COMPLETE SUBTEST	40	013093	28.773	6.563	0.859	2.464	71.932
	Numbers, Operations, and Quantitative Reasoning	10	013093	7.312	1.846	0.559	1.226	73.120
	Patterns, Relationships, and Algebraic Reasoning	06	013093	4.359	1.380	0.531	0.945	72.650
	Geometry and Spatial Reasoning	06	013093	4.802	1.118	0.415	0.855	80.033
	Concepts and Uses of Measurement	06	013093	4.713	1.338	0.557	0.891	78.550
	Probability and Statistics	04	013093	3.081	0.972	0.408	0.748	77.025
	Mathematical Processes and Tools	08	013093	4.505	1.919	0.583	1.239	56.312

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 04 Spanish TAKS (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	016553	28.314	6.757	0.857	2.555	70.785
	Basic Understanding	15	016553	10.688	2.670	0.658	1.561	71.253
	Applying Knowledge of Literary Elements	08	016553	5.756	1.627	0.509	1.140	71.950
	Using Strategies to Analyze	07	016553	4.930	1.531	0.534	1.045	70.428
	Applying Critical-Thinking Skills	10	016553	6.939	2.207	0.653	1.300	69.390
Mathematics	COMPLETE SUBTEST	42	015419	29.454	7.745	0.883	2.649	70.128
	Numbers, Operations, and Quantitative Reasoning	11	015419	8.172	2.230	0.674	1.273	74.290
	Patterns, Relationships, and Algebraic Reasoning	07	015419	5.338	1.724	0.687	0.965	76.257
	Geometry and Spatial Reasoning	06	015419	4.302	1.403	0.481	1.011	71.700
	Concepts and Uses of Measurement	06	015419	3.915	1.551	0.527	1.067	65.250
	Probability and Statistics	04	015419	2.622	1.151	0.447	0.856	65.550
	Mathematical Processes and Tools	08	015419	5.105	1.925	0.610	1.202	63.812
Writing	COMPLETE SUBTEST	32	017324	25.971	4.071	0.814	1.756	84.985
	Appropriate Organization of Ideas	04	017324	3.442	0.863	0.483	0.621	86.050
	Correct and Effective Sentence Construction	08	017324	6.268	1.611	0.569	1.058	78.350
	Standard Usage and Appropriate Word Choice	08	017324	7.196	1.126	0.508	0.790	89.950
	Proofreading for Punctuation, Capitalization, and Spelling	08	017324	6.890	1.268	0.521	0.878	86.125

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 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	008413	29.021	6.396	0.846	2.510	72.552
	Basic Understanding	15	008413	10.930	2.588	0.646	1.540	72.866
	Applying Knowledge of Literary Elements	08	008413	5.869	1.552	0.479	1.120	73.362
	Using Strategies to Analyze	07	008413	5.069	1.458	0.502	1.029	72.414
	Applying Critical-Thinking Skills	10	008413	7.153	2.100	0.629	1.279	71.530
Mathematics	COMPLETE SUBTEST	42	007802	29.223	7.642	0.879	2.658	69.578
	Numbers, Operations, and Quantitative Reasoning	11	007802	8.126	2.198	0.664	1.274	73.872
	Patterns, Relationships, and Algebraic Reasoning	07	007802	5.361	1.694	0.678	0.961	76.585
	Geometry and Spatial Reasoning	06	007802	4.286	1.393	0.463	1.021	71.433
	Concepts and Uses of Measurement	06	007802	3.785	1.564	0.521	1.082	63.083
	Probability and Statistics	04	007802	2.618	1.133	0.428	0.857	65.450
	Mathematical Processes and Tools	08	007802	5.048	1.901	0.599	1.204	63.100
Writing	COMPLETE SUBTEST	32	008795	26.623	3.674	0.791	1.680	86.910
	Appropriate Organization of Ideas	04	008795	3.518	0.802	0.465	0.587	87.950
	Correct and Effective Sentence Construction	08	008795	6.439	1.521	0.546	1.025	80.487
	Standard Usage and Appropriate Word Choice	08	008795	7.308	1.017	0.468	0.742	91.350
	Proofreading for Punctuation, Capitalization, and Spelling	08	008795	7.069	1.125	0.463	0.824	88.362

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 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	40	008121	27.583	7.033	0.864	2.594	68.957
	Basic Understanding	15	008121	10.440	2.729	0.664	1.582	69.600
	Applying Knowledge of Literary Elements	08	008121	5.639	1.692	0.532	1.158	70.487
	Using Strategies to Analyze	07	008121	4.786	1.590	0.555	1.061	68.371
	Applying Critical-Thinking Skills	10	008121	6.719	2.290	0.667	1.321	67.190
Mathematics	COMPLETE SUBTEST	42	007595	29.707	7.828	0.886	2.643	70.730
	Numbers, Operations, and Quantitative Reasoning	11	007595	8.222	2.259	0.685	1.268	74.745
	Patterns, Relationships, and Algebraic Reasoning	07	007595	5.318	1.750	0.694	0.968	75.971
	Geometry and Spatial Reasoning	06	007595	4.322	1.412	0.498	1.000	72.033
	Concepts and Uses of Measurement	06	007595	4.051	1.527	0.527	1.050	67.516
	Probability and Statistics	04	007595	2.628	1.170	0.465	0.856	65.700
	Mathematical Processes and Tools	08	007595	5.165	1.943	0.618	1.201	64.562
Writing	COMPLETE SUBTEST	32	008516	25.301	4.337	0.822	1.830	83.010
	Appropriate Organization of Ideas	04	008516	3.364	0.916	0.494	0.652	84.100
	Correct and Effective Sentence Construction	08	008516	6.092	1.680	0.579	1.090	76.150
	Standard Usage and Appropriate Word Choice	08	008516	7.081	1.214	0.531	0.831	88.512
	Proofreading for Punctuation, Capitalization, and Spelling	08	008516	6.705	1.374	0.541	0.931	83.812

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 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	007970	26.865	6.893	0.834	2.808	63.964
	Basic Understanding	13	007970	8.342	2.478	0.621	1.526	64.169
	Applying Knowledge of Literary Elements	08	007970	5.333	1.662	0.487	1.190	66.662
	Using Strategies to Analyze	08	007970	5.332	1.673	0.447	1.244	66.650
	Applying Critical-Thinking Skills	13	007970	7.858	2.613	0.620	1.611	60.446
Mathematics	COMPLETE SUBTEST	44	006874	29.449	7.955	0.882	2.733	66.929
	Numbers, Operations, and Quantitative Reasoning	11	006874	7.530	2.411	0.687	1.349	68.454
	Patterns, Relationships, and Algebraic Reasoning	07	006874	4.290	1.609	0.536	1.096	61.285
	Geometry and Spatial Reasoning	07	006874	5.128	1.594	0.581	1.032	73.257
	Concepts and Uses of Measurement	07	006874	4.719	1.666	0.572	1.090	67.414
	Probability and Statistics	04	006874	2.563	0.974	0.297	0.817	64.075
	Mathematical Processes and Tools	08	006874	5.218	1.915	0.600	1.211	65.225
Science	COMPLETE SUBTEST	40	007220	26.034	6.747	0.839	2.707	65.085
	Nature of Science	13	007220	9.324	2.441	0.654	1.436	71.723
	Life Sciences	09	007220	5.891	2.011	0.602	1.269	65.455
	Physical Sciences	09	007220	5.937	1.883	0.516	1.310	65.966
	Earth Sciences	09	007220	4.883	1.990	0.519	1.380	54.255

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 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	004140	27.355	6.658	0.825	2.785	65.130
	Basic Understanding	13	004140	8.539	2.393	0.602	1.510	65.684
	Applying Knowledge of Literary Elements	08	004140	5.421	1.611	0.460	1.184	67.762
	Using Strategies to Analyze	08	004140	5.369	1.659	0.449	1.231	67.112
	Applying Critical-Thinking Skills	13	004140	8.027	2.542	0.603	1.602	61.746
Mathematics	COMPLETE SUBTEST	44	003549	29.415	7.864	0.880	2.724	66.852
	Numbers, Operations, and Quantitative Reasoning	11	003549	7.535	2.367	0.675	1.349	68.500
	Patterns, Relationships, and Algebraic Reasoning	07	003549	4.286	1.577	0.531	1.080	61.228
	Geometry and Spatial Reasoning	07	003549	5.070	1.614	0.589	1.035	72.428
	Concepts and Uses of Measurement	07	003549	4.688	1.669	0.569	1.096	66.971
	Probability and Statistics	04	003549	2.594	0.963	0.306	0.802	64.850
	Mathematical Processes and Tools	08	003549	5.241	1.896	0.596	1.205	65.512
Science	COMPLETE SUBTEST	40	003684	25.757	6.605	0.831	2.715	64.392
	Nature of Science	13	003684	9.378	2.415	0.649	1.431	72.138
	Life Sciences	09	003684	5.920	1.975	0.596	1.255	65.777
	Physical Sciences	09	003684	5.815	1.867	0.501	1.319	64.611
	Earth Sciences	09	003684	4.643	1.966	0.495	1.397	51.588

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 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	003808	26.328	7.100	0.842	2.822	62.685
	Basic Understanding	13	003808	8.126	2.546	0.635	1.538	62.507
	Applying Knowledge of Literary Elements	08	003808	5.238	1.711	0.513	1.194	65.475
	Using Strategies to Analyze	08	003808	5.293	1.688	0.451	1.251	66.162
	Applying Critical-Thinking Skills	13	003808	7.671	2.675	0.636	1.614	59.007
Mathematics	COMPLETE SUBTEST	44	003313	29.483	8.051	0.884	2.742	67.006
	Numbers, Operations, and Quantitative Reasoning	11	003313	7.525	2.457	0.699	1.348	68.409
	Patterns, Relationships, and Algebraic Reasoning	07	003313	4.294	1.642	0.545	1.108	61.342
	Geometry and Spatial Reasoning	07	003313	5.188	1.570	0.572	1.027	74.114
	Concepts and Uses of Measurement	07	003313	4.753	1.663	0.576	1.083	67.900
	Probability and Statistics	04	003313	2.531	0.986	0.287	0.833	63.275
	Mathematical Processes and Tools	08	003313	5.192	1.935	0.605	1.216	64.900
Science	COMPLETE SUBTEST	40	003508	26.331	6.881	0.847	2.692	65.827
	Nature of Science	13	003508	9.266	2.468	0.662	1.435	71.276
	Life Sciences	09	003508	5.860	2.048	0.611	1.277	65.111
	Physical Sciences	09	003508	6.069	1.890	0.530	1.296	67.433
	Earth Sciences	09	003508	5.136	1.984	0.532	1.357	57.066

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 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	001479	26.020	8.078	0.880	2.798	61.952
	Basic Understanding	13	001479	8.142	2.956	0.720	1.564	62.630
	Applying Knowledge of Literary Elements	08	001479	5.227	1.949	0.632	1.182	65.337
	Using Strategies to Analyze	08	001479	4.753	1.814	0.555	1.210	59.412
	Applying Critical-Thinking Skills	13	001479	7.899	2.737	0.664	1.587	60.761
Mathematics	COMPLETE SUBTEST	46	001397	25.660	9.979	0.911	2.977	55.782
	Numbers, Operations, and Quantitative Reasoning	10	001397	5.421	2.606	0.719	1.381	54.210
	Patterns, Relationships, and Algebraic Reasoning	09	001397	4.418	2.261	0.646	1.345	49.088
	Geometry and Spatial Reasoning	07	001397	4.257	1.943	0.676	1.106	60.814
	Concepts and Uses of Measurement	05	001397	2.590	1.422	0.501	1.004	51.800
	Probability and Statistics	06	001397	3.826	1.512	0.492	1.078	63.766
	Mathematical Processes and Tools	09	001397	5.148	2.322	0.674	1.326	57.200

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 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000743	26.642	8.146	0.884	2.774	63.433
	Basic Understanding	13	000743	8.280	2.969	0.728	1.548	63.692
	Applying Knowledge of Literary Elements	08	000743	5.320	1.956	0.646	1.164	66.500
	Using Strategies to Analyze	08	000743	4.956	1.767	0.534	1.206	61.950
	Applying Critical-Thinking Skills	13	000743	8.086	2.807	0.688	1.568	62.200
Mathematics	COMPLETE SUBTEST	46	000688	25.624	9.965	0.910	2.989	55.704
	Numbers, Operations, and Quantitative Reasoning	10	000688	5.423	2.527	0.696	1.393	54.230
	Patterns, Relationships, and Algebraic Reasoning	09	000688	4.443	2.241	0.636	1.352	49.366
	Geometry and Spatial Reasoning	07	000688	4.260	1.972	0.689	1.100	60.857
	Concepts and Uses of Measurement	05	000688	2.507	1.407	0.489	1.006	50.140
	Probability and Statistics	06	000688	3.772	1.551	0.521	1.073	62.866
	Mathematical Processes and Tools	09	000688	5.218	2.329	0.679	1.320	57.977

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 06 Spanish TAKS (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000727	25.426	7.961	0.874	2.826	60.538
	Basic Understanding	13	000727	8.014	2.937	0.712	1.576	61.646
	Applying Knowledge of Literary Elements	08	000727	5.140	1.936	0.618	1.197	64.250
	Using Strategies to Analyze	08	000727	4.560	1.840	0.568	1.209	57.000
	Applying Critical-Thinking Skills	13	000727	7.713	2.657	0.638	1.599	59.330
Mathematics	COMPLETE SUBTEST	46	000701	25.739	9.973	0.911	2.975	55.954
	Numbers, Operations, and Quantitative Reasoning	10	000701	5.428	2.682	0.741	1.365	54.280
	Patterns, Relationships, and Algebraic Reasoning	09	000701	4.404	2.281	0.659	1.332	48.933
	Geometry and Spatial Reasoning	07	000701	4.271	1.901	0.655	1.117	61.014
	Concepts and Uses of Measurement	05	000701	2.670	1.431	0.508	1.004	53.400
	Probability and Statistics	06	000701	3.880	1.474	0.466	1.077	64.666
	Mathematical Processes and Tools	09	000701	5.086	2.312	0.670	1.328	56.511

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 RPTE (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	56	077089	44.650	9.960	0.939	2.460	79.732
	Word Meaning	18	077089	14.914	3.172	0.830	1.308	82.855
	Supporting Ideas	12	077089	9.612	2.512	0.795	1.137	80.100
	Summarization	12	077089	9.739	2.270	0.755	1.124	81.158
	Analyzing and Evaluating	14	077089	10.386	2.899	0.790	1.328	74.185

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 RPTE (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	56	037257	45.341	9.395	0.934	2.414	80.966
	Word Meaning	18	037257	15.095	3.041	0.822	1.283	83.861
	Supporting Ideas	12	037257	9.804	2.382	0.783	1.110	81.700
	Summarization	12	037257	9.882	2.131	0.731	1.105	82.350
	Analyzing and Evaluating	14	037257	10.560	2.738	0.774	1.302	75.428

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 03 RPTE (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	56	039703	44.023	10.404	0.942	2.506	78.612
	Word Meaning	18	039703	14.750	3.276	0.836	1.327	81.944
	Supporting Ideas	12	039703	9.436	2.612	0.803	1.159	78.633
	Summarization	12	039703	9.609	2.381	0.771	1.139	80.075
	Analyzing and Evaluating	14	039703	10.228	3.030	0.802	1.348	73.057

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 RPTE (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	56	094419	45.053	9.755	0.939	2.409	80.451
	Word Meaning	18	094419	15.608	3.001	0.845	1.181	86.711
	Supporting Ideas	12	094419	9.532	2.379	0.771	1.138	79.433
	Summarization	12	094419	9.252	2.191	0.699	1.202	77.100
	Analyzing and Evaluating	14	094419	10.660	3.060	0.826	1.276	76.142

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 RPTE (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	56	044495	45.746	9.142	0.933	2.366	81.689
	Word Meaning	18	044495	15.735	2.808	0.829	1.161	87.416
	Supporting Ideas	12	044495	9.683	2.247	0.754	1.114	80.691
	Summarization	12	044495	9.427	2.048	0.667	1.182	78.558
	Analyzing and Evaluating	14	044495	10.901	2.935	0.818	1.252	77.864

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 RPTE (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	56	049835	44.446	10.220	0.943	2.440	79.367
	Word Meaning	18	049835	15.498	3.156	0.856	1.198	86.100
	Supporting Ideas	12	049835	9.401	2.481	0.784	1.153	78.341
	Summarization	12	049835	9.098	2.298	0.720	1.216	75.816
	Analyzing and Evaluating	14	049835	10.449	3.149	0.831	1.295	74.635

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 RPTE (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	57	090104	45.589	9.574	0.933	2.478	79.980
	Word Meaning	18	090104	15.310	2.965	0.827	1.233	85.055
	Supporting Ideas	12	090104	9.614	2.177	0.731	1.129	80.116
	Summarization	12	090104	9.586	2.272	0.742	1.154	79.883
	Analyzing and Evaluating	15	090104	11.079	3.101	0.795	1.404	73.860

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 RPTE (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	57	040514	46.335	8.953	0.927	2.419	81.289
	Word Meaning	18	040514	15.386	2.848	0.817	1.218	85.477
	Supporting Ideas	12	040514	9.778	2.028	0.705	1.101	81.483
	Summarization	12	040514	9.800	2.148	0.727	1.122	81.666
	Analyzing and Evaluating	15	040514	11.371	2.872	0.771	1.374	75.806

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 RPTE (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	57	049502	44.984	10.005	0.937	2.511	78.919
	Word Meaning	18	049502	15.249	3.054	0.835	1.241	84.716
	Supporting Ideas	12	049502	9.480	2.281	0.746	1.150	79.000
	Summarization	12	049502	9.413	2.353	0.750	1.176	78.441
	Analyzing and Evaluating	15	049502	10.841	3.256	0.808	1.427	72.273

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 09 RPTE (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	60	071676	46.693	10.381	0.942	2.500	77.821
	Word Meaning	18	071676	14.542	3.196	0.836	1.294	80.788
	Supporting Ideas	12	071676	9.877	2.390	0.791	1.093	82.308
	Summarization	12	071676	9.578	2.222	0.778	1.047	79.816
	Analyzing and Evaluating	18	071676	12.695	3.479	0.818	1.484	70.527

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 RPTE (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	60	031721	47.160	9.983	0.940	2.445	78.600
	Word Meaning	18	031721	14.569	3.098	0.827	1.289	80.938
	Supporting Ideas	12	031721	9.970	2.297	0.779	1.080	83.083
	Summarization	12	031721	9.701	2.132	0.767	1.029	80.841
	Analyzing and Evaluating	18	031721	12.920	3.340	0.809	1.460	71.777

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 RPTE (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	60	039905	46.329	10.664	0.945	2.501	77.215
	Word Meaning	18	039905	14.523	3.269	0.843	1.295	80.683
	Supporting Ideas	12	039905	9.805	2.456	0.801	1.096	81.708
	Summarization	12	039905	9.481	2.285	0.785	1.060	79.008
	Analyzing and Evaluating	18	039905	12.519	3.573	0.823	1.503	69.550

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 (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	004983	13.175	3.559	0.754	1.765	69.342
	Specific Sounds	06	004983	3.419	1.543	0.499	1.092	56.983
	Decoding Strategies	04	004983	3.573	0.750	0.450	0.556	89.325
	Important Words, Details, Events, and Ideas	09	004983	6.183	2.186	0.688	1.221	68.700
Mathematics	COMPLETE SUBTEST	22	003622	15.799	4.789	0.858	1.805	71.813
	Numbers, Operations, and Quanitative Reasoning	05	003622	3.387	1.510	0.685	0.847	67.740
	Patterns, Relationships, and Algebraic Reasoning	04	003622	2.644	1.192	0.516	0.829	66.100
	Geometric and Spatial Reasoning	05	003622	3.944	1.207	0.582	0.780	78.880
	Measurement	04	003622	2.745	1.042	0.391	0.813	68.625
	Probability and Statistics	04	003622	3.080	1.242	0.725	0.651	77.000

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 K SDAA (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	001710	12.654	3.513	0.737	1.802	66.600
	Specific Sounds	06	001710	3.205	1.517	0.459	1.116	53.416
	Decoding Strategies	04	001710	3.596	0.729	0.444	0.544	89.900
	Important Words, Details, Events, and Ideas	09	001710	5.853	2.187	0.666	1.264	65.033
Mathematics	COMPLETE SUBTEST	22	001432	15.267	4.897	0.858	1.845	69.395
	Numbers, Operations, and Quanitative Reasoning	05	001432	3.232	1.552	0.690	0.864	64.640
	Patterns, Relationships, and Algebraic Reasoning	04	001432	2.498	1.187	0.473	0.862	62.450
	Geometric and Spatial Reasoning	05	001432	3.855	1.255	0.596	0.798	77.100
	Measurement	04	001432	2.682	1.066	0.405	0.822	67.050
	Probability and Statistics	04	001432	3.001	1.279	0.726	0.669	75.025

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 K SDAA (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	003261	13.450	3.557	0.760	1.743	70.789
	Specific Sounds	06	003261	3.531	1.547	0.513	1.080	58.850
	Decoding Strategies	04	003261	3.560	0.762	0.451	0.565	89.000
	Important Words, Details, Events, and Ideas	09	003261	6.359	2.165	0.696	1.194	70.655
Mathematics	COMPLETE SUBTEST	22	002186	16.149	4.689	0.857	1.773	73.404
	Numbers, Operations, and Quanitative Reasoning	05	002186	3.487	1.474	0.678	0.836	69.740
	Patterns, Relationships, and Algebraic Reasoning	04	002186	2.739	1.186	0.537	0.807	68.475
	Geometric and Spatial Reasoning	05	002186	4.003	1.173	0.571	0.768	80.060
	Measurement	04	002186	2.789	1.023	0.377	0.807	69.725
	Probability and Statistics	04	002186	3.132	1.215	0.724	0.638	78.300

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 (Spring 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	001024	13.344	3.505	0.756	1.731	70.231
	Specific Sounds	06	001024	3.482	1.550	0.522	1.072	58.033
	Decoding Strategies	04	001024	3.662	0.661	0.415	0.506	91.550
	Important Words, Details, Events, and Ideas	09	001024	6.199	2.176	0.692	1.208	68.877
Mathematics	COMPLETE SUBTEST	22	000795	16.367	4.773	0.870	1.721	74.395
	Numbers, Operations, and Quanitative Reasoning	05	000795	3.555	1.510	0.716	0.805	71.100
	Patterns, Relationships, and Algebraic Reasoning	04	000795	2.679	1.163	0.489	0.831	66.975
	Geometric and Spatial Reasoning	05	000795	4.069	1.171	0.608	0.733	81.380
	Measurement	04	000795	2.879	1.026	0.460	0.754	71.975
	Probability and Statistics	04	000795	3.185	1.196	0.735	0.616	79.625

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 K SDAA (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	000068	11.324	3.462	0.709	1.868	59.600
	Specific Sounds	06	000068	2.779	1.423	0.374	1.126	46.316
	Decoding Strategies	04	000068	3.544	0.871	0.643	0.520	88.600
	Important Words, Details, Events, and Ideas	09	000068	5.000	2.213	0.631	1.344	55.555
Mathematics	COMPLETE SUBTEST	22	000065	14.677	5.139	0.865	1.888	66.713
	Numbers, Operations, and Quanitative Reasoning	05	000065	3.200	1.593	0.728	0.831	64.000
	Patterns, Relationships, and Algebraic Reasoning	04	000065	2.554	1.250	0.556	0.833	63.850
	Geometric and Spatial Reasoning	05	000065	3.400	1.285	0.474	0.932	68.000
	Measurement	04	000065	2.462	1.200	0.497	0.851	61.550
	Probability and Statistics	04	000065	3.062	1.285	0.760	0.630	76.550

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 (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	002691	13.074	3.509	0.740	1.789	68.810
	Specific Sounds	06	002691	3.405	1.531	0.484	1.100	56.750
	Decoding Strategies	04	002691	3.517	0.778	0.421	0.592	87.925
	Important Words, Details, Events, and Ideas	09	002691	6.153	2.167	0.677	1.232	68.366
Mathematics	COMPLETE SUBTEST	22	001827	15.836	4.696	0.851	1.813	71.981
	Numbers, Operations, and Quanitative Reasoning	05	001827	3.421	1.474	0.668	0.849	68.420
	Patterns, Relationships, and Algebraic Reasoning	04	001827	2.719	1.185	0.532	0.811	67.975
	Geometric and Spatial Reasoning	05	001827	3.949	1.210	0.590	0.775	78.980
	Measurement	04	001827	2.681	1.042	0.356	0.836	67.025
	Probability and Statistics	04	001827	3.066	1.242	0.720	0.657	76.650

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 (Spring 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	000019	12.105	4.189	0.826	1.747	63.710
	Specific Sounds	06	000019	2.895	1.760	0.664	1.020	48.250
	Decoding Strategies	04	000019	3.368	0.895	0.458	0.659	84.200
	Important Words, Details, Events, and Ideas	09	000019	5.842	2.218	0.690	1.235	64.911
Mathematics	COMPLETE SUBTEST	22	000013	15.077	6.157	0.928	1.652	68.531
	Numbers, Operations, and Quanitative Reasoning	05	000013	2.923	1.977	0.898	0.631	58.460
	Patterns, Relationships, and Algebraic Reasoning	04	000013	2.923	1.038	0.425	0.787	73.075
	Geometric and Spatial Reasoning	05	000013	3.615	1.446	0.712	0.776	72.300
	Measurement	04	000013	2.615	1.121	0.428	0.848	65.375
	Probability and Statistics	04	000013	3.000	1.414	0.851	0.546	75.000

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 K SDAA (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	001152	13.358	3.681	0.782	1.719	70.305
	Specific Sounds	06	001152	3.421	1.555	0.514	1.084	57.016
	Decoding Strategies	04	001152	3.625	0.744	0.530	0.510	90.625
	Important Words, Details, Events, and Ideas	09	001152	6.312	2.220	0.716	1.183	70.133
Mathematics	COMPLETE SUBTEST	22	000909	15.290	4.891	0.858	1.843	69.500
	Numbers, Operations, and Quanitative Reasoning	05	000909	3.180	1.550	0.677	0.881	63.600
	Patterns, Relationships, and Algebraic Reasoning	04	000909	2.455	1.207	0.488	0.864	61.375
	Geometric and Spatial Reasoning	05	000909	3.860	1.213	0.546	0.817	77.200
	Measurement	04	000909	2.778	1.032	0.407	0.795	69.450
	Probability and Statistics	04	000909	3.017	1.273	0.725	0.668	75.425

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 (Spring 2005) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	000051	0.588	1.134	0.604	0.714	3.094
	Specific Sounds	06	000051	0.216	0.541	0.369	0.430	3.600
	Decoding Strategies	04	000051	0.216	0.503	0.285	0.425	5.400
	Important Words, Details, Events, and Ideas	09	000051	0.157	0.464	0.351	0.374	1.744
Mathematics	COMPLETE SUBTEST	22	000256	5.102	2.373	0.418	1.810	23.190
	Numbers, Operations, and Quanitative Reasoning	05	000256	0.551	0.825	0.357	0.662	11.020
	Patterns, Relationships, and Algebraic Reasoning	04	000256	1.078	0.877	0.107	0.829	26.950
	Geometric and Spatial Reasoning	05	000256	1.469	1.051	0.169	0.958	29.380
	Measurement	04	000256	1.207	0.938	0.276	0.798	30.175
	Probability and Statistics	04	000256	0.797	0.729	*****	******	19.925

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 K SDAA (Spring 2005) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	001492	9.221	1.673	*****	******	48.531
	Specific Sounds	06	001492	2.099	1.098	*****	******	34.983
	Decoding Strategies	04	001492	3.235	0.869	0.284	0.735	80.875
	Important Words, Details, Events, and Ideas	09	001492	3.887	1.464	0.030	1.442	43.188
Mathematics	COMPLETE SUBTEST	22	000926	11.314	1.949	*****	******	51.427
	Numbers, Operations, and Quanitative Reasoning	05	000926	2.154	1.146	0.180	1.038	43.080
	Patterns, Relationships, and Algebraic Reasoning	04	000926	1.786	1.002	0.069	0.967	44.650
	Geometric and Spatial Reasoning	05	000926	3.221	1.127	0.191	1.014	64.420
	Measurement	04	000926	2.087	0.867	*****	******	52.175
	Probability and Statistics	04	000926	2.065	1.181	0.390	0.922	51.625

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 K SDAA (Spring 2005) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	19	003440	15.077	2.091	0.389	1.634	79.352
	Specific Sounds	06	003440	4.039	1.277	0.298	1.070	67.316
	Decoding Strategies	04	003440	3.770	0.477	0.094	0.454	94.250
	Important Words, Details, Events, and Ideas	09	003440	7.268	1.409	0.376	1.113	80.755
Mathematics	COMPLETE SUBTEST	22	002440	18.624	2.097	0.435	1.576	84.654
	Numbers, Operations, and Quanitative Reasoning	05	002440	4.152	0.900	0.256	0.776	83.040
	Patterns, Relationships, and Algebraic Reasoning	04	002440	3.134	0.932	0.331	0.762	78.350
	Geometric and Spatial Reasoning	05	002440	4.478	0.664	0.122	0.622	89.560
	Measurement	04	002440	3.156	0.808	0.094	0.769	78.900
	Probability and Statistics	04	002440	3.704	0.615	0.381	0.484	92.600

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 (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	014181	16.209	3.789	0.761	1.852	70.473
	Specific Sounds	04	014181	3.018	0.943	0.372	0.747	75.450
	Decoding Strategies	04	014181	3.585	0.755	0.498	0.535	89.625
	Important Words, Details, Events, and Ideas (Oral)	06	014181	5.174	1.254	0.676	0.714	86.233
	Important Words, Details, Events, and Ideas (Written)	09	014181	4.431	2.224	0.621	1.369	49.233
Mathematics	COMPLETE SUBTEST	24	009279	17.802	3.925	0.776	1.858	74.175
	Numbers, Operations, and Quanitative Reasoning	07	009279	5.042	1.636	0.601	1.033	72.028
	Patterns, Relationships, and Algebraic Reasoning	05	009279	3.491	1.203	0.454	0.889	69.820
	Geometric and Spatial Reasoning	04	009279	3.583	0.661	0.293	0.556	89.575
	Measurement	04	009279	2.500	1.068	0.395	0.831	62.500
	Probability and Statistics	04	009279	3.186	0.896	0.363	0.715	79.650

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 (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	004507	16.236	3.884	0.774	1.846	70.591
	Specific Sounds	04	004507	2.937	0.972	0.386	0.762	73.425
	Decoding Strategies	04	004507	3.584	0.747	0.478	0.540	89.600
	Important Words, Details, Events, and Ideas (Oral)	06	004507	5.166	1.267	0.683	0.713	86.100
	Important Words, Details, Events, and Ideas (Written)	09	004507	4.549	2.237	0.631	1.359	50.544
Mathematics	COMPLETE SUBTEST	24	003452	17.369	3.970	0.775	1.883	72.370
	Numbers, Operations, and Quanitative Reasoning	07	003452	4.934	1.647	0.598	1.044	70.485
	Patterns, Relationships, and Algebraic Reasoning	05	003452	3.402	1.216	0.452	0.900	68.040
	Geometric and Spatial Reasoning	04	003452	3.553	0.688	0.313	0.570	88.825
	Measurement	04	003452	2.360	1.065	0.379	0.839	59.000
	Probability and Statistics	04	003452	3.120	0.921	0.364	0.734	78.000

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 (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	009646	16.195	3.742	0.755	1.852	70.413
	Specific Sounds	04	009646	3.055	0.926	0.362	0.740	76.375
	Decoding Strategies	04	009646	3.586	0.758	0.508	0.532	89.650
	Important Words, Details, Events, and Ideas (Oral)	06	009646	5.178	1.247	0.671	0.715	86.300
	Important Words, Details, Events, and Ideas (Written)	09	009646	4.375	2.215	0.615	1.374	48.611
Mathematics	COMPLETE SUBTEST	24	005801	18.063	3.869	0.774	1.839	75.262
	Numbers, Operations, and Quanitative Reasoning	07	005801	5.108	1.622	0.602	1.023	72.971
	Patterns, Relationships, and Algebraic Reasoning	05	005801	3.545	1.192	0.453	0.882	70.900
	Geometric and Spatial Reasoning	04	005801	3.602	0.643	0.271	0.549	90.050
	Measurement	04	005801	2.582	1.062	0.396	0.825	64.550
	Probability and Statistics	04	005801	3.226	0.876	0.358	0.702	80.650

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 (Spring 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	003122	16.491	3.700	0.758	1.820	71.700
	Specific Sounds	04	003122	3.125	0.899	0.354	0.723	78.125
	Decoding Strategies	04	003122	3.644	0.709	0.506	0.498	91.100
	Important Words, Details, Events, and Ideas (Oral)	06	003122	5.242	1.189	0.654	0.699	87.366
	Important Words, Details, Events, and Ideas (Written)	09	003122	4.480	2.249	0.632	1.364	49.777
Mathematics	COMPLETE SUBTEST	24	002338	17.875	3.658	0.748	1.836	74.479
	Numbers, Operations, and Quanitative Reasoning	07	002338	5.144	1.563	0.570	1.025	73.485
	Patterns, Relationships, and Algebraic Reasoning	05	002338	3.513	1.187	0.435	0.892	70.260
	Geometric and Spatial Reasoning	04	002338	3.641	0.605	0.244	0.526	91.025
	Measurement	04	002338	2.387	1.022	0.337	0.832	59.675
	Probability and Statistics	04	002338	3.189	0.847	0.318	0.699	79.725

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 (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	000153	16.059	4.177	0.800	1.868	69.821
	Specific Sounds	04	000153	2.791	1.104	0.544	0.746	69.775
	Decoding Strategies	04	000153	3.634	0.714	0.473	0.518	90.850
	Important Words, Details, Events, and Ideas (Oral)	06	000153	4.922	1.426	0.705	0.775	82.033
	Important Words, Details, Events, and Ideas (Written)	09	000153	4.712	2.151	0.590	1.377	52.355
Mathematics	COMPLETE SUBTEST	24	000113	16.858	3.650	0.709	1.969	70.241
	Numbers, Operations, and Quanitative Reasoning	07	000113	4.575	1.630	0.524	1.125	65.357
	Patterns, Relationships, and Algebraic Reasoning	05	000113	3.195	1.179	0.369	0.937	63.900
	Geometric and Spatial Reasoning	04	000113	3.611	0.687	0.387	0.538	90.275
	Measurement	04	000113	2.469	1.000	0.286	0.845	61.725
	Probability and Statistics	04	000113	3.009	0.871	0.091	0.830	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 (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	007326	15.995	3.813	0.758	1.876	69.543
	Specific Sounds	04	007326	2.926	0.938	0.332	0.767	73.150
	Decoding Strategies	04	007326	3.531	0.779	0.468	0.568	88.275
	Important Words, Details, Events, and Ideas (Oral)	06	007326	5.117	1.294	0.676	0.737	85.283
	Important Words, Details, Events, and Ideas (Written)	09	007326	4.421	2.207	0.613	1.373	49.122
Mathematics	COMPLETE SUBTEST	24	004475	17.923	3.966	0.782	1.852	74.679
	Numbers, Operations, and Quanitative Reasoning	07	004475	5.043	1.655	0.616	1.026	72.042
	Patterns, Relationships, and Algebraic Reasoning	05	004475	3.558	1.182	0.453	0.874	71.160
	Geometric and Spatial Reasoning	04	004475	3.514	0.693	0.275	0.590	87.850
	Measurement	04	004475	2.603	1.082	0.424	0.821	65.075
	Probability and Statistics	04	004475	3.204	0.894	0.368	0.711	80.100

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 1 SDAA (Spring 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	000061	17.475	3.379	0.736	1.736	75.978
	Specific Sounds	04	000061	3.180	0.958	0.468	0.699	79.500
	Decoding Strategies	04	000061	3.787	0.520	0.380	0.409	94.675
	Important Words, Details, Events, and Ideas (Oral)	06	000061	5.541	0.867	0.549	0.582	92.350
	Important Words, Details, Events, and Ideas (Written)	09	000061	4.967	2.415	0.704	1.314	55.188
Mathematics	COMPLETE SUBTEST	24	000036	18.389	3.128	0.670	1.797	76.620
	Numbers, Operations, and Quanitative Reasoning	07	000036	5.028	1.540	0.571	1.009	71.828
	Patterns, Relationships, and Algebraic Reasoning	05	000036	3.556	0.970	0.136	0.902	71.120
	Geometric and Spatial Reasoning	04	000036	3.778	0.422	*****	******	94.450
	Measurement	04	000036	2.667	1.195	0.617	0.740	66.675
	Probability and Statistics	04	000036	3.361	0.961	0.620	0.592	84.025

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 1 SDAA (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	003459	16.381	3.774	0.767	1.822	71.221
	Specific Sounds	04	003459	3.122	0.959	0.436	0.720	78.050
	Decoding Strategies	04	003459	3.642	0.738	0.559	0.490	91.050
	Important Words, Details, Events, and Ideas (Oral)	06	003459	5.236	1.216	0.680	0.688	87.266
	Important Words, Details, Events, and Ideas (Written)	09	003459	4.380	2.235	0.625	1.369	48.666
Mathematics	COMPLETE SUBTEST	24	002287	17.539	4.103	0.794	1.862	73.079
	Numbers, Operations, and Quanitative Reasoning	07	002287	4.964	1.658	0.608	1.038	70.914
	Patterns, Relationships, and Algebraic Reasoning	05	002287	3.353	1.253	0.475	0.908	67.060
	Geometric and Spatial Reasoning	04	002287	3.656	0.640	0.362	0.511	91.400
	Measurement	04	002287	2.411	1.070	0.378	0.844	60.275
	Probability and Statistics	04	002287	3.154	0.941	0.408	0.724	78.850

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 (Spring 2005) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	000268	5.515	1.990	*****	******	23.978
	Specific Sounds	04	000268	1.056	0.896	0.130	0.836	26.400
	Decoding Strategies	04	000268	1.358	0.971	0.112	0.915	33.950
	Important Words, Details, Events, and Ideas (Oral)	06	000268	1.388	1.049	0.061	1.017	23.133
	Important Words, Details, Events, and Ideas (Written)	09	000268	1.713	1.322	0.259	1.138	19.033
Mathematics	COMPLETE SUBTEST	24	000159	5.937	2.807	0.520	1.945	24.737
	Numbers, Operations, and Quanitative Reasoning	07	000159	1.434	1.145	0.233	1.003	20.485
	Patterns, Relationships, and Algebraic Reasoning	05	000159	0.943	0.813	*****	******	18.860
	Geometric and Spatial Reasoning	04	000159	1.906	1.168	0.392	0.911	47.650
	Measurement	04	000159	0.629	0.716	0.031	0.705	15.725
	Probability and Statistics	04	000159	1.025	0.885	0.097	0.841	25.625

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 1 SDAA (Spring 2005) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	002861	11.323	1.548	*****	******	49.230
	Specific Sounds	04	002861	2.222	0.903	*****	******	55.550
	Decoding Strategies	04	002861	2.873	0.914	0.180	0.828	71.825
	Important Words, Details, Events, and Ideas (Oral)	06	002861	3.753	1.338	0.331	1.094	62.550
	Important Words, Details, Events, and Ideas (Written)	09	002861	2.475	1.328	*****	******	27.500
Mathematics	COMPLETE SUBTEST	24	001695	12.373	1.523	*****	******	51.554
	Numbers, Operations, and Quanitative Reasoning	07	001695	3.047	1.135	*****	******	43.528
	Patterns, Relationships, and Algebraic Reasoning	05	001695	2.263	0.985	*****	******	45.260
	Geometric and Spatial Reasoning	04	001695	3.269	0.740	0.076	0.711	81.725
	Measurement	04	001695	1.490	0.844	*****	******	37.250
	Probability and Statistics	04	001695	2.304	0.897	*****	******	57.600

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 (Spring 2005) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	23	011052	17.733	2.537	0.529	1.741	77.100
	Specific Sounds	04	011052	3.271	0.767	0.181	0.694	81.775
	Decoding Strategies	04	011052	3.823	0.429	0.152	0.395	95.575
	Important Words, Details, Events, and Ideas (Oral)	06	011052	5.634	0.668	0.309	0.555	93.900
	Important Words, Details, Events, and Ideas (Written)	09	011052	5.004	2.086	0.562	1.381	55.600
Mathematics	COMPLETE SUBTEST	24	007425	19.295	2.566	0.532	1.755	80.395
	Numbers, Operations, and Quanitative Reasoning	07	007425	5.575	1.245	0.388	0.974	79.642
	Patterns, Relationships, and Algebraic Reasoning	05	007425	3.826	0.989	0.254	0.854	76.520
	Geometric and Spatial Reasoning	04	007425	3.691	0.546	0.161	0.500	92.275
	Measurement	04	007425	2.770	0.933	0.222	0.823	69.250
	Probability and Statistics	04	007425	3.433	0.681	0.112	0.642	85.825

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 2 SDAA (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	029085	16.958	5.760	0.862	2.140	65.223
	Basic Understanding	12	029085	7.875	2.950	0.763	1.436	65.625
	Literary Elements	05	029085	3.547	1.381	0.607	0.866	70.940
	Analysis Using Reading Strategies	04	029085	2.459	1.226	0.502	0.865	61.475
	Analysis Using Critical-Thinking Skills	05	029085	3.077	1.338	0.443	0.999	61.540
Mathematics	COMPLETE SUBTEST	28	021973	20.740	4.741	0.815	2.039	74.071
	Numbers, Operations, and Quanitative Reasoning	07	021973	5.326	1.539	0.586	0.990	76.085
	Patterns, Relationships, and Algebraic Reasoning	05	021973	3.799	1.257	0.555	0.839	75.980
	Geometric and Spatial Reasoning	04	021973	3.227	0.880	0.370	0.698	80.675
	Measurement	04	021973	3.209	0.873	0.369	0.693	80.225
	Probability and Statistics	04	021973	2.800	0.982	0.324	0.807	70.000
	Mathematical Processes and Tools	04	021973	2.378	1.115	0.360	0.892	59.450
Writing	MULTIPLE-CHOICE ITEMS	21	014385	15.432	4.553	0.848	1.775	73.485
	Sentence Construct., Standard Usage, Approp. Word Choice	14	014385	10.195	3.246	0.799	1.455	72.821
	Punctuation, Capitalization, Spelling	07	014385	5.237	1.660	0.629	1.011	74.814
	ESSAY	04	014385	1.409	0.647	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 2 SDAA (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	009581	17.762	5.522	0.857	2.088	68.315
	Basic Understanding	12	009581	8.239	2.844	0.757	1.402	68.658
	Literary Elements	05	009581	3.745	1.304	0.596	0.829	74.900
	Analysis Using Reading Strategies	04	009581	2.608	1.184	0.485	0.850	65.200
	Analysis Using Critical-Thinking Skills	05	009581	3.170	1.311	0.436	0.985	63.400
Mathematics	COMPLETE SUBTEST	28	008090	20.301	4.775	0.812	2.070	72.503
	Numbers, Operations, and Quanitative Reasoning	07	008090	5.307	1.560	0.595	0.993	75.814
	Patterns, Relationships, and Algebraic Reasoning	05	008090	3.634	1.286	0.539	0.873	72.680
	Geometric and Spatial Reasoning	04	008090	3.204	0.878	0.361	0.702	80.100
	Measurement	04	008090	3.115	0.907	0.368	0.721	77.875
	Probability and Statistics	04	008090	2.760	0.990	0.332	0.809	69.000
	Mathematical Processes and Tools	04	008090	2.281	1.114	0.332	0.910	57.025
Writing	MULTIPLE-CHOICE ITEMS	21	004679	15.756	4.364	0.839	1.751	75.028
	Sentence Construct., Standard Usage, Approp. Word Choice	14	004679	10.390	3.143	0.792	1.433	74.214
	Punctuation, Capitalization, Spelling	07	004679	5.366	1.585	0.609	0.991	76.657
	ESSAY	04	004679	1.493	0.643	0.680	0.364	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 (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	019434	16.558	5.834	0.862	2.167	63.684
	Basic Understanding	12	019434	7.694	2.986	0.764	1.451	64.116
	Literary Elements	05	019434	3.450	1.407	0.606	0.883	69.000
	Analysis Using Reading Strategies	04	019434	2.385	1.240	0.505	0.872	59.625
	Analysis Using Critical-Thinking Skills	05	019434	3.030	1.348	0.445	1.004	60.600
Mathematics	COMPLETE SUBTEST	28	013842	20.992	4.705	0.817	2.013	74.971
	Numbers, Operations, and Quanitative Reasoning	07	013842	5.337	1.527	0.581	0.988	76.242
	Patterns, Relationships, and Algebraic Reasoning	05	013842	3.895	1.231	0.562	0.815	77.900
	Geometric and Spatial Reasoning	04	013842	3.239	0.880	0.375	0.696	80.975
	Measurement	04	013842	3.264	0.849	0.364	0.677	81.600
	Probability and Statistics	04	013842	2.824	0.976	0.320	0.805	70.600
	Mathematical Processes and Tools	04	013842	2.434	1.113	0.372	0.882	60.850
Writing	MULTIPLE-CHOICE ITEMS	21	009681	15.274	4.632	0.851	1.788	72.733
	Sentence Construct., Standard Usage, Approp. Word Choice	14	009681	10.101	3.291	0.803	1.461	72.150
	Punctuation, Capitalization, Spelling	07	009681	5.174	1.691	0.635	1.022	73.914
	ESSAY	04	009681	1.368	0.645	0.712	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 2 SDAA (Spring 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	006573	16.658	5.845	0.864	2.156	64.069
	Basic Understanding	12	006573	7.768	3.013	0.772	1.439	64.733
	Literary Elements	05	006573	3.501	1.410	0.619	0.870	70.020
	Analysis Using Reading Strategies	04	006573	2.405	1.228	0.493	0.874	60.125
	Analysis Using Critical-Thinking Skills	05	006573	2.984	1.358	0.452	1.005	59.680
Mathematics	COMPLETE SUBTEST	28	005290	20.371	4.719	0.809	2.062	72.753
	Numbers, Operations, and Quanitative Reasoning	07	005290	5.241	1.540	0.574	1.005	74.871
	Patterns, Relationships, and Algebraic Reasoning	05	005290	3.764	1.262	0.547	0.849	75.280
	Geometric and Spatial Reasoning	04	005290	3.173	0.874	0.354	0.702	79.325
	Measurement	04	005290	3.103	0.891	0.356	0.715	77.575
	Probability and Statistics	04	005290	2.752	0.984	0.313	0.816	68.800
	Mathematical Processes and Tools	04	005290	2.339	1.104	0.334	0.901	58.475
Writing	MULTIPLE-CHOICE ITEMS	21	003154	14.999	4.630	0.846	1.817	71.423
	Sentence Construct., Standard Usage, Approp. Word Choice	14	003154	9.834	3.299	0.794	1.497	70.242
	Punctuation, Capitalization, Spelling	07	003154	5.166	1.683	0.626	1.029	73.800
	ESSAY	04	003154	1.360	0.659	0.732	0.341	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 (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	000262	17.634	5.490	0.854	2.098	67.823
	Basic Understanding	12	000262	8.408	2.751	0.742	1.397	70.066
	Literary Elements	05	000262	3.649	1.318	0.595	0.839	72.980
	Analysis Using Reading Strategies	04	000262	2.576	1.228	0.549	0.825	64.400
	Analysis Using Critical-Thinking Skills	05	000262	3.000	1.275	0.355	1.024	60.000
Mathematics	COMPLETE SUBTEST	28	000193	19.793	5.535	0.861	2.064	70.689
	Numbers, Operations, and Quanitative Reasoning	07	000193	5.166	1.706	0.656	1.001	73.800
	Patterns, Relationships, and Algebraic Reasoning	05	000193	3.762	1.341	0.626	0.820	75.240
	Geometric and Spatial Reasoning	04	000193	2.964	1.032	0.483	0.742	74.100
	Measurement	04	000193	3.010	0.958	0.423	0.728	75.250
	Probability and Statistics	04	000193	2.782	1.053	0.435	0.792	69.550
	Mathematical Processes and Tools	04	000193	2.109	1.161	0.377	0.916	52.725
Writing	MULTIPLE-CHOICE ITEMS	21	000140	16.393	4.698	0.884	1.600	78.061
	Sentence Construct., Standard Usage, Approp. Word Choice	14	000140	10.714	3.303	0.834	1.346	76.528
	Punctuation, Capitalization, Spelling	07	000140	5.679	1.624	0.710	0.875	81.128
	ESSAY	04	000140	1.371	0.713	0.781	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 2 SDAA (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	014103	16.842	5.683	0.856	2.157	64.776
	Basic Understanding	12	014103	7.778	2.909	0.751	1.452	64.816
	Literary Elements	05	014103	3.546	1.365	0.598	0.865	70.920
	Analysis Using Reading Strategies	04	014103	2.445	1.224	0.497	0.868	61.125
	Analysis Using Critical-Thinking Skills	05	014103	3.072	1.325	0.427	1.003	61.440
Mathematics	COMPLETE SUBTEST	28	010280	20.916	4.612	0.807	2.026	74.700
	Numbers, Operations, and Quanitative Reasoning	07	010280	5.442	1.502	0.582	0.971	77.742
	Patterns, Relationships, and Algebraic Reasoning	05	010280	3.840	1.239	0.554	0.827	76.800
	Geometric and Spatial Reasoning	04	010280	3.255	0.872	0.371	0.692	81.375
	Measurement	04	010280	3.267	0.852	0.360	0.682	81.675
	Probability and Statistics	04	010280	2.749	0.957	0.269	0.818	68.725
	Mathematical Processes and Tools	04	010280	2.363	1.128	0.368	0.897	59.075
Writing	MULTIPLE-CHOICE ITEMS	21	006651	15.196	4.503	0.838	1.812	72.361
	Sentence Construct., Standard Usage, Approp. Word Choice	14	006651	10.046	3.220	0.788	1.483	71.757
	Punctuation, Capitalization, Spelling	07	006651	5.150	1.657	0.610	1.035	73.571
	ESSAY	04	006651	1.404	0.639	0.705	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 2 SDAA (Spring 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	000096	17.896	5.266	0.840	2.106	68.830
	Basic Understanding	12	000096	8.344	2.843	0.764	1.381	69.533
	Literary Elements	05	000096	3.635	1.291	0.533	0.882	72.700
	Analysis Using Reading Strategies	04	000096	2.552	1.151	0.411	0.883	63.800
	Analysis Using Critical-Thinking Skills	05	000096	3.365	1.274	0.458	0.938	67.300
Mathematics	COMPLETE SUBTEST	28	000091	21.681	4.310	0.803	1.913	77.432
	Numbers, Operations, and Quanitative Reasoning	07	000091	5.527	1.277	0.433	0.962	78.957
	Patterns, Relationships, and Algebraic Reasoning	05	000091	3.967	1.048	0.365	0.835	79.340
	Geometric and Spatial Reasoning	04	000091	3.418	0.831	0.450	0.616	85.450
	Measurement	04	000091	3.352	0.751	0.322	0.618	83.800
	Probability and Statistics	04	000091	2.901	1.011	0.434	0.761	72.525
	Mathematical Processes and Tools	04	000091	2.516	1.079	0.395	0.839	62.900
Writing	MULTIPLE-CHOICE ITEMS	21	000069	16.290	4.495	0.865	1.652	77.571
	Sentence Construct., Standard Usage, Approp. Word Choice	14	000069	10.812	3.269	0.831	1.344	77.228
	Punctuation, Capitalization, Spelling	07	000069	5.478	1.577	0.641	0.945	78.257
	ESSAY	04	000069	1.551	0.631	0.596	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 2 SDAA (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	007917	17.370	5.817	0.869	2.105	66.807
	Basic Understanding	12	007917	8.108	2.964	0.776	1.403	67.566
	Literary Elements	05	007917	3.585	1.387	0.617	0.858	71.700
	Analysis Using Reading Strategies	04	007917	2.518	1.227	0.514	0.855	62.950
	Analysis Using Critical-Thinking Skills	05	007917	3.159	1.342	0.463	0.983	63.180
Mathematics	COMPLETE SUBTEST	28	006029	20.767	4.946	0.833	2.021	74.167
	Numbers, Operations, and Quanitative Reasoning	07	006029	5.201	1.588	0.596	1.009	74.300
	Patterns, Relationships, and Algebraic Reasoning	05	006029	3.756	1.285	0.570	0.843	75.120
	Geometric and Spatial Reasoning	04	006029	3.231	0.891	0.395	0.693	80.775
	Measurement	04	006029	3.207	0.886	0.391	0.691	80.175
	Probability and Statistics	04	006029	2.928	1.007	0.410	0.773	73.200
	Mathematical Processes and Tools	04	006029	2.445	1.101	0.374	0.871	61.125
Writing	MULTIPLE-CHOICE ITEMS	21	004319	16.062	4.491	0.859	1.686	76.485
	Sentence Construct., Standard Usage, Approp. Word Choice	14	004319	10.660	3.187	0.813	1.378	76.142
	Punctuation, Capitalization, Spelling	07	004319	5.402	1.633	0.651	0.965	77.171
	ESSAY	04	004319	1.451	0.646	0.679	0.366	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 (Spring 2005) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	006409	8.866	1.933	*****	******	34.100
	Basic Understanding	12	006409	4.021	1.498	*****	******	33.508
	Literary Elements	05	006409	1.838	1.077	0.038	1.056	36.760
	Analysis Using Reading Strategies	04	006409	1.247	0.924	*****	******	31.175
	Analysis Using Critical-Thinking Skills	05	006409	1.760	1.037	*****	******	35.200
Mathematics	COMPLETE SUBTEST	28	000646	8.347	2.197	*****	******	29.810
	Numbers, Operations, and Quanitative Reasoning	07	000646	2.094	1.164	0.001	1.163	29.914
	Patterns, Relationships, and Algebraic Reasoning	05	000646	1.311	0.982	0.045	0.960	26.220
	Geometric and Spatial Reasoning	04	000646	1.387	0.851	*****	******	34.675
	Measurement	04	000646	1.423	0.891	0.076	0.856	35.575
	Probability and Statistics	04	000646	1.274	0.815	*****	******	31.850
	Mathematical Processes and Tools	04	000646	0.858	0.804	*****	******	21.450
Writing	MULTIPLE-CHOICE ITEMS	21	008077	13.322	4.687	0.823	1.972	63.438
	Sentence Construct., Standard Usage, Approp. Word Choice	14	008077	8.747	3.366	0.771	1.611	62.478
	Punctuation, Capitalization, Spelling	07	008077	4.575	1.742	0.577	1.133	65.357
	ESSAY	04	008077	0.909	0.366	0.559	0.243	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 (Spring 2005) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	006821	13.932	1.419	*****	******	53.584
	Basic Understanding	12	006821	6.388	1.464	*****	******	53.233
	Literary Elements	05	006821	3.082	1.015	*****	******	61.640
	Analysis Using Reading Strategies	04	006821	1.909	0.979	*****	******	47.725
	Analysis Using Critical-Thinking Skills	05	006821	2.552	1.023	*****	******	51.040
Mathematics	COMPLETE SUBTEST	28	005773	15.374	2.164	*****	******	54.907
	Numbers, Operations, and Quanitative Reasoning	07	005773	3.898	1.293	0.108	1.221	55.685
	Patterns, Relationships, and Algebraic Reasoning	05	005773	2.663	1.151	0.153	1.059	53.260
	Geometric and Spatial Reasoning	04	005773	2.588	0.862	0.036	0.846	64.700
	Measurement	04	005773	2.565	0.856	0.047	0.836	64.125
	Probability and Statistics	04	005773	2.105	0.846	*****	******	52.625
	Mathematical Processes and Tools	04	005773	1.554	0.946	*****	******	38.850
Writing	MULTIPLE-CHOICE ITEMS	21	006014	18.047	2.494	0.641	1.494	85.938
	Sentence Construct., Standard Usage, Approp. Word Choice	14	006014	11.991	1.855	0.558	1.233	85.650
	Punctuation, Capitalization, Spelling	07	006014	6.056	1.069	0.385	0.838	86.514
	ESSAY	04	006014	2.002	0.045	0.078	0.047	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 (Spring 2005) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	26	015855	21.530	2.680	0.538	1.822	82.807
	Basic Understanding	12	015855	10.072	1.536	0.398	1.192	83.933
	Literary Elements	05	015855	4.439	0.720	0.130	0.672	88.780
	Analysis Using Reading Strategies	04	015855	3.185	0.866	0.197	0.776	79.625
	Analysis Using Critical-Thinking Skills	05	015855	3.835	1.002	0.177	0.909	76.700
Mathematics	COMPLETE SUBTEST	28	015554	23.246	2.544	0.475	1.843	83.021
	Numbers, Operations, and Quanitative Reasoning	07	015554	5.990	1.018	0.272	0.869	85.571
	Patterns, Relationships, and Algebraic Reasoning	05	015554	4.324	0.831	0.237	0.726	86.480
	Geometric and Spatial Reasoning	04	015554	3.540	0.631	0.084	0.604	88.500
	Measurement	04	015554	3.523	0.624	0.062	0.604	88.075
	Probability and Statistics	04	015554	3.122	0.830	0.147	0.767	78.050
	Mathematical Processes and Tools	04	015554	2.747	0.957	0.172	0.871	68.675
Writing	MULTIPLE-CHOICE ITEMS	21	000294	19.888	1.138	0.228	1.000	94.704
	Sentence Construct., Standard Usage, Approp. Word Choice	14	000294	13.252	0.922	0.215	0.817	94.657
	Punctuation, Capitalization, Spelling	07	000294	6.636	0.573	*****	0.578	94.800
	ESSAY	04	000294	3.037	0.190	0.065	0.196	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 (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	037245	16.158	6.393	0.855	2.434	53.860
	Basic Understanding	12	037245	6.061	2.835	0.707	1.535	50.508
	Literary Elements	06	037245	3.182	1.701	0.593	1.085	53.033
	Analysis Using Reading Strategies	05	037245	3.349	1.370	0.534	0.935	66.980
	Analysis Using Critical-Thinking Skills	07	037245	3.565	1.760	0.519	1.221	50.928
Mathematics	COMPLETE SUBTEST	34	035130	18.708	6.317	0.840	2.527	55.023
	Numbers, Operations, and Quanitative Reasoning	08	035130	4.030	1.856	0.580	1.203	50.375
	Patterns, Relationships, and Algebraic Reasoning	05	035130	2.491	1.389	0.454	1.026	49.820
	Geometric and Spatial Reasoning	05	035130	3.147	1.284	0.451	0.951	62.940
	Measurement	05	035130	3.414	1.167	0.434	0.878	68.280
	Probability and Statistics	04	035130	2.444	1.128	0.431	0.851	61.100
	Mathematical Processes and Tools	07	035130	3.182	1.646	0.460	1.210	45.457
Writing	MULTIPLE-CHOICE ITEMS	24	027755	14.341	4.626	0.786	2.140	59.754
	Organization	04	027755	2.591	1.216	0.564	0.803	64.775
	Sentence Structure	06	027755	3.086	1.519	0.493	1.082	51.433
	Standard Usage/Word Choice	07	027755	3.932	1.705	0.501	1.204	56.171
	Punctuation, Capitalization, Spelling	07	027755	4.733	1.650	0.561	1.093	67.614
	ESSAY	04	027755	1.455	0.665	0.722	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 3 SDAA (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	012390	16.700	6.223	0.847	2.434	55.666
	Basic Understanding	12	012390	6.192	2.778	0.694	1.537	51.600
	Literary Elements	06	012390	3.336	1.690	0.593	1.078	55.600
	Analysis Using Reading Strategies	05	012390	3.440	1.331	0.512	0.930	68.800
	Analysis Using Critical-Thinking Skills	07	012390	3.733	1.720	0.495	1.222	53.328
Mathematics	COMPLETE SUBTEST	34	012493	18.516	6.145	0.832	2.519	54.458
	Numbers, Operations, and Quanitative Reasoning	08	012493	3.983	1.824	0.567	1.200	49.787
	Patterns, Relationships, and Algebraic Reasoning	05	012493	2.501	1.391	0.453	1.029	50.020
	Geometric and Spatial Reasoning	05	012493	3.112	1.226	0.419	0.934	62.240
	Measurement	05	012493	3.315	1.164	0.431	0.878	66.300
	Probability and Statistics	04	012493	2.457	1.102	0.402	0.852	61.425
	Mathematical Processes and Tools	07	012493	3.148	1.628	0.448	1.210	44.971
Writing	MULTIPLE-CHOICE ITEMS	24	009107	14.783	4.396	0.767	2.122	61.595
	Organization	04	009107	2.608	1.182	0.537	0.804	65.200
	Sentence Structure	06	009107	3.214	1.469	0.464	1.075	53.566
	Standard Usage/Word Choice	07	009107	3.995	1.666	0.481	1.200	57.071
	Punctuation, Capitalization, Spelling	07	009107	4.965	1.574	0.544	1.063	70.928
	ESSAY	04	009107	1.539	0.643	0.687	0.360	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 (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	024769	15.883	6.456	0.858	2.433	52.943
	Basic Understanding	12	024769	5.994	2.857	0.712	1.533	49.950
	Literary Elements	06	024769	3.105	1.701	0.591	1.088	51.750
	Analysis Using Reading Strategies	05	024769	3.303	1.387	0.544	0.937	66.060
	Analysis Using Critical-Thinking Skills	07	024769	3.481	1.774	0.527	1.220	49.728
Mathematics	COMPLETE SUBTEST	34	022578	18.817	6.408	0.845	2.523	55.344
	Numbers, Operations, and Quanitative Reasoning	08	022578	4.057	1.873	0.588	1.202	50.712
	Patterns, Relationships, and Algebraic Reasoning	05	022578	2.485	1.387	0.457	1.022	49.700
	Geometric and Spatial Reasoning	05	022578	3.167	1.313	0.470	0.956	63.340
	Measurement	05	022578	3.468	1.165	0.436	0.875	69.360
	Probability and Statistics	04	022578	2.437	1.142	0.447	0.849	60.925
	Mathematical Processes and Tools	07	022578	3.201	1.656	0.467	1.209	45.728
Writing	MULTIPLE-CHOICE ITEMS	24	018604	14.126	4.719	0.792	2.152	58.858
	Organization	04	018604	2.582	1.232	0.576	0.802	64.550
	Sentence Structure	06	018604	3.023	1.538	0.503	1.084	50.383
	Standard Usage/Word Choice	07	018604	3.902	1.722	0.509	1.207	55.742
	Punctuation, Capitalization, Spelling	07	018604	4.618	1.674	0.561	1.109	65.971
	ESSAY	04	018604	1.413	0.671	0.734	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 3 SDAA (Spring 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	008672	16.030	6.480	0.859	2.433	53.433
	Basic Understanding	12	008672	6.072	2.859	0.714	1.529	50.600
	Literary Elements	06	008672	3.146	1.719	0.605	1.080	52.433
	Analysis Using Reading Strategies	05	008672	3.311	1.378	0.536	0.939	66.220
	Analysis Using Critical-Thinking Skills	07	008672	3.500	1.786	0.535	1.218	50.000
Mathematics	COMPLETE SUBTEST	34	008697	17.836	6.197	0.832	2.540	52.458
	Numbers, Operations, and Quanitative Reasoning	08	008697	3.850	1.789	0.550	1.200	48.125
	Patterns, Relationships, and Algebraic Reasoning	05	008697	2.407	1.381	0.450	1.024	48.140
	Geometric and Spatial Reasoning	05	008697	2.979	1.302	0.453	0.963	59.580
	Measurement	05	008697	3.252	1.192	0.422	0.906	65.040
	Probability and Statistics	04	008697	2.324	1.122	0.415	0.858	58.100
	Mathematical Processes and Tools	07	008697	3.023	1.617	0.438	1.212	43.185
Writing	MULTIPLE-CHOICE ITEMS	24	006149	13.795	4.515	0.768	2.175	57.479
	Organization	04	006149	2.456	1.211	0.537	0.824	61.400
	Sentence Structure	06	006149	2.959	1.516	0.484	1.089	49.316
	Standard Usage/Word Choice	07	006149	3.736	1.681	0.475	1.218	53.371
	Punctuation, Capitalization, Spelling	07	006149	4.645	1.664	0.553	1.113	66.357
	ESSAY	04	006149	1.383	0.671	0.734	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 3 SDAA (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	000369	17.225	6.292	0.854	2.404	57.416
	Basic Understanding	12	000369	6.596	2.831	0.715	1.511	54.966
	Literary Elements	06	000369	3.477	1.630	0.575	1.063	57.950
	Analysis Using Reading Strategies	05	000369	3.450	1.394	0.572	0.912	69.000
	Analysis Using Critical-Thinking Skills	07	000369	3.702	1.807	0.559	1.200	52.885
Mathematics	COMPLETE SUBTEST	34	000280	19.786	7.057	0.879	2.455	58.194
	Numbers, Operations, and Quanitative Reasoning	08	000280	4.207	2.018	0.665	1.168	52.587
	Patterns, Relationships, and Algebraic Reasoning	05	000280	2.775	1.392	0.481	1.003	55.500
	Geometric and Spatial Reasoning	05	000280	3.421	1.290	0.511	0.902	68.420
	Measurement	05	000280	3.436	1.251	0.517	0.869	68.720
	Probability and Statistics	04	000280	2.471	1.197	0.512	0.836	61.775
	Mathematical Processes and Tools	07	000280	3.475	1.768	0.552	1.183	49.642
Writing	MULTIPLE-CHOICE ITEMS	24	000243	15.539	4.250	0.758	2.091	64.745
	Organization	04	000243	2.646	1.205	0.575	0.786	66.150
	Sentence Structure	06	000243	3.436	1.532	0.530	1.050	57.266
	Standard Usage/Word Choice	07	000243	4.181	1.556	0.392	1.213	59.728
	Punctuation, Capitalization, Spelling	07	000243	5.276	1.554	0.586	1.000	75.371
	ESSAY	04	000243	1.560	0.692	0.731	0.359	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 (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	016976	15.808	6.284	0.849	2.442	52.693
	Basic Understanding	12	016976	5.878	2.779	0.696	1.532	48.983
	Literary Elements	06	016976	3.098	1.681	0.578	1.092	51.633
	Analysis Using Reading Strategies	05	016976	3.312	1.371	0.527	0.943	66.240
	Analysis Using Critical-Thinking Skills	07	016976	3.520	1.741	0.508	1.221	50.285
Mathematics	COMPLETE SUBTEST	34	015650	18.439	6.211	0.834	2.531	54.232
	Numbers, Operations, and Quanitative Reasoning	08	015650	3.961	1.837	0.574	1.199	49.512
	Patterns, Relationships, and Algebraic Reasoning	05	015650	2.400	1.378	0.443	1.028	48.000
	Geometric and Spatial Reasoning	05	015650	3.121	1.272	0.429	0.961	62.420
	Measurement	05	015650	3.424	1.150	0.421	0.875	68.480
	Probability and Statistics	04	015650	2.381	1.129	0.410	0.867	59.525
	Mathematical Processes and Tools	07	015650	3.152	1.636	0.453	1.210	45.028
Writing	MULTIPLE-CHOICE ITEMS	24	011653	13.762	4.522	0.770	2.169	57.341
	Organization	04	011653	2.445	1.219	0.539	0.828	61.125
	Sentence Structure	06	011653	2.980	1.505	0.481	1.084	49.666
	Standard Usage/Word Choice	07	011653	3.775	1.658	0.462	1.216	53.928
	Punctuation, Capitalization, Spelling	07	011653	4.563	1.663	0.554	1.111	65.185
	ESSAY	04	011653	1.419	0.663	0.724	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 3 SDAA (Spring 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	000161	16.484	6.826	0.877	2.394	54.946
	Basic Understanding	12	000161	6.224	2.975	0.736	1.529	51.866
	Literary Elements	06	000161	3.112	1.874	0.703	1.021	51.866
	Analysis Using Reading Strategies	05	000161	3.509	1.323	0.515	0.921	70.180
	Analysis Using Critical-Thinking Skills	07	000161	3.640	1.748	0.509	1.225	52.000
Mathematics	COMPLETE SUBTEST	34	000135	20.615	6.516	0.856	2.473	60.632
	Numbers, Operations, and Quanitative Reasoning	08	000135	4.593	1.850	0.584	1.193	57.412
	Patterns, Relationships, and Algebraic Reasoning	05	000135	2.785	1.341	0.404	1.035	55.700
	Geometric and Spatial Reasoning	05	000135	3.444	1.370	0.592	0.875	68.880
	Measurement	05	000135	3.548	1.232	0.539	0.836	70.960
	Probability and Statistics	04	000135	2.667	1.100	0.429	0.831	66.675
	Mathematical Processes and Tools	07	000135	3.578	1.609	0.429	1.216	51.114
Writing	MULTIPLE-CHOICE ITEMS	24	000100	15.580	4.068	0.736	2.090	64.916
	Organization	04	000100	2.880	1.148	0.559	0.762	72.000
	Sentence Structure	06	000100	3.310	1.535	0.544	1.037	55.166
	Standard Usage/Word Choice	07	000100	4.180	1.553	0.384	1.219	59.714
	Punctuation, Capitalization, Spelling	07	000100	5.210	1.445	0.492	1.030	74.428
	ESSAY	04	000100	1.590	0.712	0.692	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 3 SDAA (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	010899	16.751	6.435	0.858	2.425	55.836
	Basic Understanding	12	010899	6.313	2.870	0.714	1.535	52.608
	Literary Elements	06	010899	3.333	1.705	0.602	1.076	55.550
	Analysis Using Reading Strategies	05	010899	3.428	1.359	0.543	0.919	68.560
	Analysis Using Critical-Thinking Skills	07	010899	3.677	1.761	0.522	1.218	52.528
Mathematics	COMPLETE SUBTEST	34	010238	19.815	6.392	0.847	2.500	58.279
	Numbers, Operations, and Quanitative Reasoning	08	010238	4.278	1.910	0.600	1.208	53.475
	Patterns, Relationships, and Algebraic Reasoning	05	010238	2.691	1.391	0.461	1.021	53.820
	Geometric and Spatial Reasoning	05	010238	3.322	1.261	0.457	0.929	66.440
	Measurement	05	010238	3.532	1.153	0.452	0.854	70.640
	Probability and Statistics	04	010238	2.641	1.105	0.449	0.820	66.025
	Mathematical Processes and Tools	07	010238	3.351	1.665	0.474	1.208	47.871
Writing	MULTIPLE-CHOICE ITEMS	24	009502	15.362	4.653	0.800	2.081	64.008
	Organization	04	009502	2.853	1.170	0.583	0.756	71.325
	Sentence Structure	06	009502	3.286	1.515	0.496	1.076	54.766
	Standard Usage/Word Choice	07	009502	4.244	1.733	0.539	1.177	60.628
	Punctuation, Capitalization, Spelling	07	009502	4.979	1.593	0.556	1.061	71.128
	ESSAY	04	009502	1.542	0.651	0.702	0.355	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 (Spring 2005) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	010491	8.348	2.158	*****	******	27.826
	Basic Understanding	12	010491	2.975	1.423	*****	******	24.791
	Literary Elements	06	010491	1.519	1.025	*****	******	25.316
	Analysis Using Reading Strategies	05	010491	1.928	1.094	0.077	1.051	38.560
	Analysis Using Critical-Thinking Skills	07	010491	1.927	1.140	*****	******	27.528
Mathematics	COMPLETE SUBTEST	34	002368	7.696	1.613	*****	******	22.635
	Numbers, Operations, and Quanitative Reasoning	08	002368	1.566	0.984	*****	******	19.575
	Patterns, Relationships, and Algebraic Reasoning	05	002368	0.869	0.804	*****	******	17.380
	Geometric and Spatial Reasoning	05	002368	1.252	0.939	*****	******	25.040
	Measurement	05	002368	1.674	0.954	*****	******	33.480
	Probability and Statistics	04	002368	1.059	0.828	*****	******	26.475
	Mathematical Processes and Tools	07	002368	1.276	0.954	*****	******	18.228
Writing	MULTIPLE-CHOICE ITEMS	24	015696	12.065	4.419	0.744	2.236	50.270
	Organization	04	015696	2.146	1.233	0.505	0.867	53.650
	Sentence Structure	06	015696	2.548	1.461	0.432	1.101	42.466
	Standard Usage/Word Choice	07	015696	3.290	1.643	0.437	1.233	47.000
	Punctuation, Capitalization, Spelling	07	015696	4.081	1.711	0.524	1.180	58.300
	ESSAY	04	015696	0.982	0.459	0.629	0.280	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 (Spring 2005) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	017638	16.450	2.887	0.186	2.605	54.833
	Basic Understanding	12	017638	6.144	1.776	0.152	1.635	51.200
	Literary Elements	06	017638	3.193	1.257	0.109	1.187	53.216
	Analysis Using Reading Strategies	05	017638	3.557	1.013	0.055	0.985	71.140
	Analysis Using Critical-Thinking Skills	07	017638	3.556	1.309	0.008	1.304	50.800
Mathematics	COMPLETE SUBTEST	34	022300	16.278	3.596	0.465	2.630	47.876
	Numbers, Operations, and Quanitative Reasoning	08	022300	3.392	1.361	0.177	1.235	42.400
	Patterns, Relationships, and Algebraic Reasoning	05	022300	2.069	1.153	0.126	1.078	41.380
	Geometric and Spatial Reasoning	05	022300	2.889	1.139	0.216	1.009	57.780
	Measurement	05	022300	3.158	1.001	0.163	0.916	63.160
	Probability and Statistics	04	022300	2.132	0.977	0.123	0.915	53.300
	Mathematical Processes and Tools	07	022300	2.637	1.265	0.053	1.231	37.671
Writing	MULTIPLE-CHOICE ITEMS	24	011646	17.165	2.828	0.491	2.018	71.520
	Organization	04	011646	3.148	0.917	0.389	0.717	78.700
	Sentence Structure	06	011646	3.747	1.283	0.323	1.056	62.450
	Standard Usage/Word Choice	07	011646	4.719	1.386	0.282	1.174	67.414
	Punctuation, Capitalization, Spelling	07	011646	5.550	1.086	0.200	0.971	79.285
	ESSAY	04	011646	2.034	0.182	0.066	0.176	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 (Spring 2005) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	30	009116	24.580	2.050	0.021	2.028	81.933
	Basic Understanding	12	009116	9.454	1.382	0.031	1.360	78.783
	Literary Elements	06	009116	5.077	0.885	0.051	0.862	84.616
	Analysis Using Reading Strategies	05	009116	4.581	0.616	0.000	0.616	91.620
	Analysis Using Critical-Thinking Skills	07	009116	5.469	1.064	0.001	1.063	78.128
Mathematics	COMPLETE SUBTEST	34	010462	26.381	2.637	0.258	2.271	77.591
	Numbers, Operations, and Quanitative Reasoning	08	010462	5.949	1.215	0.128	1.135	74.362
	Patterns, Relationships, and Algebraic Reasoning	05	010462	3.756	0.959	0.057	0.931	75.120
	Geometric and Spatial Reasoning	05	010462	4.127	0.810	0.012	0.805	82.540
	Measurement	05	010462	4.352	0.725	0.060	0.703	87.040
	Probability and Statistics	04	010462	3.422	0.698	0.063	0.676	85.550
	Mathematical Processes and Tools	07	010462	4.774	1.222	0.066	1.181	68.200
Writing	MULTIPLE-CHOICE ITEMS	24	000413	21.213	1.286	*****	******	88.387
	Organization	04	000413	3.758	0.492	0.160	0.451	93.950
	Sentence Structure	06	000413	4.908	0.896	0.079	0.860	81.800
	Standard Usage/Word Choice	07	000413	6.111	0.780	*****	0.871	87.300
	Punctuation, Capitalization, Spelling	07	000413	6.436	0.657	*****	0.675	91.942
	ESSAY	04	000413	3.097	0.297	0.012	0.299	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 (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	038285	19.905	7.353	0.883	2.515	58.544
	Basic Understanding	13	038285	7.941	3.138	0.762	1.531	61.084
	Literary Elements	07	038285	4.087	1.801	0.594	1.148	58.385
	Analysis Using Reading Strategies	06	038285	3.360	1.564	0.547	1.053	56.000
	Analysis Using Critical-Thinking Skills	08	038285	4.518	2.017	0.620	1.243	56.475
Mathematics	COMPLETE SUBTEST	38	039228	21.544	7.307	0.865	2.685	56.694
	Numbers, Operations, and Quanitative Reasoning	10	039228	6.548	2.221	0.648	1.318	65.480
	Patterns, Relationships, and Algebraic Reasoning	06	039228	3.401	1.643	0.563	1.086	56.683
	Geometric and Spatial Reasoning	06	039228	3.956	1.538	0.538	1.045	65.933
	Measurement	05	039228	2.615	1.268	0.444	0.945	52.300
	Probability and Statistics	04	039228	1.862	1.195	0.422	0.909	46.550
	Mathematical Processes and Tools	07	039228	3.162	1.763	0.562	1.167	45.171

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 (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	013175	20.579	7.146	0.878	2.496	60.526
	Basic Understanding	13	013175	8.163	3.054	0.750	1.527	62.792
	Literary Elements	07	013175	4.269	1.753	0.579	1.137	60.985
	Analysis Using Reading Strategies	06	013175	3.465	1.513	0.534	1.033	57.750
	Analysis Using Critical-Thinking Skills	08	013175	4.683	2.001	0.618	1.237	58.537
Mathematics	COMPLETE SUBTEST	38	013954	21.341	7.105	0.857	2.687	56.160
	Numbers, Operations, and Quanitative Reasoning	10	013954	6.574	2.194	0.639	1.318	65.740
	Patterns, Relationships, and Algebraic Reasoning	06	013954	3.403	1.608	0.535	1.097	56.716
	Geometric and Spatial Reasoning	06	013954	3.974	1.531	0.537	1.042	66.233
	Measurement	05	013954	2.426	1.253	0.416	0.958	48.520
	Probability and Statistics	04	013954	1.895	1.188	0.420	0.905	47.375
	Mathematical Processes and Tools	07	013954	3.069	1.693	0.533	1.157	43.842

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 (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	025014	19.547	7.433	0.885	2.521	57.491
	Basic Understanding	13	025014	7.824	3.176	0.767	1.533	60.184
	Literary Elements	07	025014	3.990	1.817	0.598	1.152	57.000
	Analysis Using Reading Strategies	06	025014	3.304	1.587	0.553	1.061	55.066
	Analysis Using Critical-Thinking Skills	08	025014	4.429	2.019	0.619	1.246	55.362
Mathematics	COMPLETE SUBTEST	38	025176	21.655	7.416	0.870	2.674	56.986
	Numbers, Operations, and Quanitative Reasoning	10	025176	6.532	2.236	0.653	1.317	65.320
	Patterns, Relationships, and Algebraic Reasoning	06	025176	3.400	1.663	0.579	1.079	56.666
	Geometric and Spatial Reasoning	06	025176	3.947	1.542	0.538	1.048	65.783
	Measurement	05	025176	2.719	1.264	0.450	0.937	54.380
	Probability and Statistics	04	025176	1.843	1.198	0.427	0.907	46.075
	Mathematical Processes and Tools	07	025176	3.213	1.800	0.579	1.168	45.900

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 (Spring 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	009002	19.520	7.292	0.879	2.537	57.411
	Basic Understanding	13	009002	7.791	3.129	0.755	1.549	59.930
	Literary Elements	07	009002	4.030	1.811	0.592	1.157	57.571
	Analysis Using Reading Strategies	06	009002	3.248	1.558	0.531	1.067	54.133
	Analysis Using Critical-Thinking Skills	08	009002	4.451	2.001	0.608	1.253	55.637
Mathematics	COMPLETE SUBTEST	38	009347	20.488	7.159	0.857	2.707	53.915
	Numbers, Operations, and Quanitative Reasoning	10	009347	6.310	2.222	0.638	1.337	63.100
	Patterns, Relationships, and Algebraic Reasoning	06	009347	3.334	1.650	0.564	1.089	55.566
	Geometric and Spatial Reasoning	06	009347	3.659	1.553	0.518	1.078	60.983
	Measurement	05	009347	2.451	1.245	0.422	0.947	49.020
	Probability and Statistics	04	009347	1.720	1.170	0.397	0.909	43.000
	Mathematical Processes and Tools	07	009347	3.014	1.686	0.519	1.169	43.057

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 (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	000345	21.968	6.949	0.877	2.437	64.611
	Basic Understanding	13	000345	8.791	2.830	0.724	1.487	67.623
	Literary Elements	07	000345	4.501	1.788	0.612	1.114	64.300
	Analysis Using Reading Strategies	06	000345	3.655	1.514	0.568	0.995	60.916
	Analysis Using Critical-Thinking Skills	08	000345	5.020	1.940	0.599	1.228	62.750
Mathematics	COMPLETE SUBTEST	38	000320	23.803	7.159	0.868	2.601	62.639
	Numbers, Operations, and Quanitative Reasoning	10	000320	7.241	2.167	0.683	1.220	72.410
	Patterns, Relationships, and Algebraic Reasoning	06	000320	4.034	1.486	0.523	1.026	67.233
	Geometric and Spatial Reasoning	06	000320	4.166	1.529	0.572	1.000	69.433
	Measurement	05	000320	2.906	1.276	0.416	0.975	58.120
	Probability and Statistics	04	000320	2.063	1.176	0.402	0.909	51.575
	Mathematical Processes and Tools	07	000320	3.394	1.884	0.633	1.141	48.485

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 (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	016762	19.277	7.265	0.879	2.527	56.697
	Basic Understanding	13	016762	7.698	3.176	0.763	1.546	59.215
	Literary Elements	07	016762	3.976	1.767	0.572	1.156	56.800
	Analysis Using Reading Strategies	06	016762	3.264	1.524	0.522	1.054	54.400
	Analysis Using Critical-Thinking Skills	08	016762	4.338	1.996	0.604	1.256	54.225
Mathematics	COMPLETE SUBTEST	38	017119	20.997	7.206	0.860	2.696	55.255
	Numbers, Operations, and Quanitative Reasoning	10	017119	6.507	2.202	0.641	1.319	65.070
	Patterns, Relationships, and Algebraic Reasoning	06	017119	3.296	1.647	0.564	1.088	54.933
	Geometric and Spatial Reasoning	06	017119	3.935	1.535	0.531	1.051	65.583
	Measurement	05	017119	2.483	1.277	0.434	0.961	49.660
	Probability and Statistics	04	017119	1.770	1.174	0.396	0.912	44.250
	Mathematical Processes and Tools	07	017119	3.006	1.736	0.549	1.166	42.942

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 (Spring 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	000143	21.748	7.103	0.883	2.430	63.964
	Basic Understanding	13	000143	8.853	2.798	0.726	1.465	68.100
	Literary Elements	07	000143	4.189	1.964	0.695	1.085	59.842
	Analysis Using Reading Strategies	06	000143	3.608	1.463	0.453	1.082	60.133
	Analysis Using Critical-Thinking Skills	08	000143	5.098	2.019	0.653	1.189	63.725
Mathematics	COMPLETE SUBTEST	38	000166	23.681	7.110	0.864	2.622	62.318
	Numbers, Operations, and Quanitative Reasoning	10	000166	7.054	2.037	0.606	1.279	70.540
	Patterns, Relationships, and Algebraic Reasoning	06	000166	3.741	1.576	0.545	1.063	62.350
	Geometric and Spatial Reasoning	06	000166	4.307	1.496	0.565	0.987	71.783
	Measurement	05	000166	3.012	1.270	0.498	0.900	60.240
	Probability and Statistics	04	000166	2.090	1.288	0.553	0.861	52.250
	Mathematical Processes and Tools	07	000166	3.476	1.909	0.642	1.142	49.657

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 (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	011867	21.005	7.379	0.889	2.458	61.779
	Basic Understanding	13	011867	8.364	3.047	0.758	1.499	64.338
	Literary Elements	07	011867	4.273	1.816	0.616	1.125	61.042
	Analysis Using Reading Strategies	06	011867	3.569	1.604	0.582	1.037	59.483
	Analysis Using Critical-Thinking Skills	08	011867	4.798	2.020	0.636	1.219	59.975
Mathematics	COMPLETE SUBTEST	38	012128	23.047	7.311	0.870	2.636	60.650
	Numbers, Operations, and Quanitative Reasoning	10	012128	6.765	2.227	0.660	1.299	67.650
	Patterns, Relationships, and Algebraic Reasoning	06	012128	3.582	1.618	0.557	1.077	59.700
	Geometric and Spatial Reasoning	06	012128	4.208	1.487	0.539	1.010	70.133
	Measurement	05	012128	2.916	1.213	0.429	0.917	58.320
	Probability and Statistics	04	012128	2.092	1.208	0.449	0.897	52.300
	Mathematical Processes and Tools	07	012128	3.484	1.809	0.587	1.163	49.771

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 (Spring 2005) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	007402	9.189	2.439	*****	******	27.026
	Basic Understanding	13	007402	3.544	1.620	0.040	1.587	27.261
	Literary Elements	07	007402	1.935	1.143	*****	******	27.642
	Analysis Using Reading Strategies	06	007402	1.601	1.011	*****	******	26.683
	Analysis Using Critical-Thinking Skills	08	007402	2.110	1.210	*****	******	26.375
Mathematics	COMPLETE SUBTEST	38	006060	10.446	2.545	*****	******	27.489
	Numbers, Operations, and Quanitative Reasoning	10	006060	3.436	1.504	0.109	1.420	34.360
	Patterns, Relationships, and Algebraic Reasoning	06	006060	1.477	1.036	0.010	1.031	24.616
	Geometric and Spatial Reasoning	06	006060	2.020	1.179	0.090	1.125	33.666
	Measurement	05	006060	1.340	0.922	*****	******	26.800
	Probability and Statistics	04	006060	0.749	0.767	*****	******	18.725
	Mathematical Processes and Tools	07	006060	1.424	1.056	0.012	1.050	20.342

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 (Spring 2005) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	015424	17.668	2.866	0.075	2.756	51.964
	Basic Understanding	13	015424	7.219	1.828	0.131	1.704	55.530
	Literary Elements	07	015424	3.588	1.225	*****	******	51.257
	Analysis Using Reading Strategies	06	015424	2.920	1.118	*****	******	48.666
	Analysis Using Critical-Thinking Skills	08	015424	3.941	1.337	*****	******	49.262
Mathematics	COMPLETE SUBTEST	38	023864	20.617	3.950	0.488	2.826	54.255
	Numbers, Operations, and Quanitative Reasoning	10	023864	6.445	1.619	0.260	1.393	64.450
	Patterns, Relationships, and Algebraic Reasoning	06	023864	3.259	1.359	0.267	1.164	54.316
	Geometric and Spatial Reasoning	06	023864	3.932	1.276	0.244	1.109	65.533
	Measurement	05	023864	2.450	1.036	0.124	0.970	49.000
	Probability and Statistics	04	023864	1.684	1.010	0.102	0.957	42.100
	Mathematical Processes and Tools	07	023864	2.848	1.377	0.221	1.215	40.685

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 (Spring 2005) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	34	015459	27.268	2.943	0.458	2.167	80.200
	Basic Understanding	13	015459	10.767	1.428	0.199	1.278	82.823
	Literary Elements	07	015459	5.614	1.052	0.127	0.983	80.200
	Analysis Using Reading Strategies	06	015459	4.641	1.002	0.141	0.929	77.350
	Analysis Using Critical-Thinking Skills	08	015459	6.246	1.221	0.167	1.114	78.075
Mathematics	COMPLETE SUBTEST	38	009304	31.149	2.493	0.193	2.240	81.971
	Numbers, Operations, and Quanitative Reasoning	10	009304	8.839	1.008	0.069	0.973	88.390
	Patterns, Relationships, and Algebraic Reasoning	06	009304	5.019	0.934	0.106	0.883	83.650
	Geometric and Spatial Reasoning	06	009304	5.281	0.834	0.133	0.777	88.016
	Measurement	05	009304	3.869	0.876	0.044	0.857	77.380
	Probability and Statistics	04	009304	3.041	0.860	0.031	0.847	76.025
	Mathematical Processes and Tools	07	009304	5.101	1.242	0.248	1.077	72.871

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 (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	033537	21.716	7.504	0.881	2.589	60.322
	Basic Understanding	11	033537	6.954	2.484	0.679	1.407	63.218
	Literary Elements	07	033537	4.631	1.990	0.714	1.064	66.157
	Analysis Using Reading Strategies	07	033537	4.138	1.738	0.556	1.158	59.114
	Analysis Using Critical-Thinking Skills	11	033537	5.993	2.521	0.654	1.483	54.481
Mathematics	COMPLETE SUBTEST	42	037080	23.804	7.177	0.837	2.898	56.676
	Numbers, Operations, and Quanitative Reasoning	10	037080	5.826	2.316	0.644	1.382	58.260
	Patterns, Relationships, and Algebraic Reasoning	07	037080	3.438	1.606	0.400	1.244	49.114
	Geometric and Spatial Reasoning	07	037080	4.583	1.549	0.484	1.113	65.471
	Measurement	07	037080	3.526	1.610	0.430	1.216	50.371
	Probability and Statistics	04	037080	2.356	1.080	0.350	0.871	58.900
	Mathematical Processes and Tools	07	037080	4.075	1.619	0.473	1.175	58.214
Writing	MULTIPLE-CHOICE ITEMS	28	009634	14.942	5.665	0.822	2.390	53.364
	Organization	04	009634	2.636	1.207	0.586	0.777	65.900
	Sentence Structure	08	009634	4.051	2.064	0.624	1.266	50.637
	Standard Usage/Word Choice	08	009634	4.122	1.962	0.554	1.310	51.525
	Punctuation, Capitalization, Spelling	08	009634	4.134	1.898	0.537	1.291	51.675
	ESSAY	04	009634	1.663	0.710	0.729	0.370	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 (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	011464	22.684	7.042	0.868	2.558	63.011
	Basic Understanding	11	011464	7.330	2.343	0.654	1.378	66.636
	Literary Elements	07	011464	4.893	1.886	0.692	1.047	69.900
	Analysis Using Reading Strategies	07	011464	4.230	1.664	0.523	1.149	60.428
	Analysis Using Critical-Thinking Skills	11	011464	6.232	2.422	0.627	1.479	56.654
Mathematics	COMPLETE SUBTEST	42	013103	23.779	6.778	0.817	2.900	56.616
	Numbers, Operations, and Quanitative Reasoning	10	013103	5.843	2.273	0.628	1.386	58.430
	Patterns, Relationships, and Algebraic Reasoning	07	013103	3.457	1.575	0.369	1.251	49.385
	Geometric and Spatial Reasoning	07	013103	4.709	1.482	0.442	1.107	67.271
	Measurement	07	013103	3.382	1.529	0.369	1.215	48.314
	Probability and Statistics	04	013103	2.315	1.048	0.307	0.872	57.875
	Mathematical Processes and Tools	07	013103	4.073	1.583	0.444	1.180	58.185
Writing	MULTIPLE-CHOICE ITEMS	28	003318	15.699	5.365	0.803	2.381	56.067
	Organization	04	003318	2.819	1.113	0.543	0.752	70.475
	Sentence Structure	08	003318	4.278	2.011	0.603	1.267	53.475
	Standard Usage/Word Choice	08	003318	4.259	1.909	0.525	1.316	53.237
	Punctuation, Capitalization, Spelling	08	003318	4.344	1.853	0.521	1.282	54.300
	ESSAY	04	003318	1.820	0.671	0.671	0.385	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 (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	021997	21.212	7.687	0.886	2.595	58.922
	Basic Understanding	11	021997	6.759	2.532	0.685	1.421	61.445
	Literary Elements	07	021997	4.495	2.030	0.722	1.070	64.214
	Analysis Using Reading Strategies	07	021997	4.090	1.773	0.572	1.160	58.428
	Analysis Using Critical-Thinking Skills	11	021997	5.869	2.562	0.665	1.483	53.354
Mathematics	COMPLETE SUBTEST	42	023900	23.818	7.385	0.847	2.889	56.709
	Numbers, Operations, and Quanitative Reasoning	10	023900	5.817	2.339	0.652	1.380	58.170
	Patterns, Relationships, and Algebraic Reasoning	07	023900	3.427	1.623	0.416	1.240	48.957
	Geometric and Spatial Reasoning	07	023900	4.515	1.580	0.504	1.113	64.500
	Measurement	07	023900	3.605	1.648	0.457	1.214	51.500
	Probability and Statistics	04	023900	2.378	1.097	0.373	0.869	59.450
	Mathematical Processes and Tools	07	023900	4.076	1.638	0.489	1.171	58.228
Writing	MULTIPLE-CHOICE ITEMS	28	006301	14.540	5.775	0.829	2.388	51.928
	Organization	04	006301	2.540	1.244	0.599	0.788	63.500
	Sentence Structure	08	006301	3.930	2.081	0.633	1.261	49.125
	Standard Usage/Word Choice	08	006301	4.047	1.985	0.568	1.305	50.587
	Punctuation, Capitalization, Spelling	08	006301	4.022	1.911	0.540	1.296	50.275
	ESSAY	04	006301	1.581	0.716	0.747	0.360	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 (Spring 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	007412	21.174	7.423	0.876	2.614	58.816
	Basic Understanding	11	007412	6.832	2.485	0.676	1.414	62.109
	Literary Elements	07	007412	4.519	1.990	0.703	1.085	64.557
	Analysis Using Reading Strategies	07	007412	4.015	1.715	0.533	1.172	57.357
	Analysis Using Critical-Thinking Skills	11	007412	5.807	2.523	0.648	1.497	52.790
Mathematics	COMPLETE SUBTEST	42	008268	22.737	7.075	0.829	2.926	54.135
	Numbers, Operations, and Quanitative Reasoning	10	008268	5.575	2.313	0.636	1.395	55.750
	Patterns, Relationships, and Algebraic Reasoning	07	008268	3.446	1.597	0.389	1.248	49.228
	Geometric and Spatial Reasoning	07	008268	4.347	1.586	0.486	1.137	62.100
	Measurement	07	008268	3.265	1.558	0.386	1.221	46.642
	Probability and Statistics	04	008268	2.212	1.081	0.314	0.895	55.300
	Mathematical Processes and Tools	07	008268	3.891	1.616	0.456	1.192	55.585
Writing	MULTIPLE-CHOICE ITEMS	28	002119	14.504	5.535	0.812	2.400	51.800
	Organization	04	002119	2.578	1.218	0.593	0.777	64.450
	Sentence Structure	08	002119	3.888	2.054	0.617	1.271	48.600
	Standard Usage/Word Choice	08	002119	3.963	1.913	0.523	1.321	49.537
	Punctuation, Capitalization, Spelling	08	002119	4.075	1.865	0.519	1.293	50.937
	ESSAY	04	002119	1.614	0.725	0.755	0.359	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 (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	000271	23.218	7.067	0.873	2.518	64.494
	Basic Understanding	11	000271	7.358	2.371	0.667	1.368	66.890
	Literary Elements	07	000271	5.007	1.783	0.665	1.032	71.528
	Analysis Using Reading Strategies	07	000271	4.358	1.640	0.506	1.153	62.257
	Analysis Using Critical-Thinking Skills	11	000271	6.494	2.509	0.668	1.446	59.036
Mathematics	COMPLETE SUBTEST	42	000278	25.712	7.284	0.848	2.840	61.219
	Numbers, Operations, and Quanitative Reasoning	10	000278	6.471	2.249	0.640	1.349	64.710
	Patterns, Relationships, and Algebraic Reasoning	07	000278	3.849	1.585	0.399	1.229	54.985
	Geometric and Spatial Reasoning	07	000278	4.842	1.531	0.495	1.088	69.171
	Measurement	07	000278	3.791	1.678	0.499	1.188	54.157
	Probability and Statistics	04	000278	2.507	1.040	0.307	0.866	62.675
	Mathematical Processes and Tools	07	000278	4.252	1.622	0.481	1.169	60.742
Writing	MULTIPLE-CHOICE ITEMS	28	000071	17.352	5.652	0.837	2.282	61.971
	Organization	04	000071	2.901	1.148	0.632	0.696	72.525
	Sentence Structure	08	000071	4.704	1.862	0.555	1.242	58.800
	Standard Usage/Word Choice	08	000071	4.718	1.884	0.533	1.287	58.975
	Punctuation, Capitalization, Spelling	08	000071	5.028	1.978	0.620	1.219	62.850
	ESSAY	04	000071	1.817	0.743	0.703	0.405	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 (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	013905	21.086	7.391	0.875	2.613	58.572
	Basic Understanding	11	013905	6.775	2.465	0.665	1.427	61.590
	Literary Elements	07	013905	4.493	1.980	0.700	1.084	64.185
	Analysis Using Reading Strategies	07	013905	4.003	1.718	0.539	1.166	57.185
	Analysis Using Critical-Thinking Skills	11	013905	5.814	2.482	0.640	1.489	52.854
Mathematics	COMPLETE SUBTEST	42	015473	23.164	7.060	0.831	2.902	55.152
	Numbers, Operations, and Quanitative Reasoning	10	015473	5.662	2.312	0.639	1.389	56.620
	Patterns, Relationships, and Algebraic Reasoning	07	015473	3.302	1.585	0.383	1.245	47.171
	Geometric and Spatial Reasoning	07	015473	4.511	1.540	0.475	1.116	64.442
	Measurement	07	015473	3.410	1.590	0.415	1.216	48.714
	Probability and Statistics	04	015473	2.321	1.070	0.333	0.874	58.025
	Mathematical Processes and Tools	07	015473	3.958	1.602	0.461	1.176	56.542
Writing	MULTIPLE-CHOICE ITEMS	28	003834	14.166	5.396	0.801	2.407	50.592
	Organization	04	003834	2.563	1.199	0.562	0.794	64.075
	Sentence Structure	08	003834	3.870	1.987	0.587	1.277	48.375
	Standard Usage/Word Choice	08	003834	3.846	1.913	0.527	1.316	48.075
	Punctuation, Capitalization, Spelling	08	003834	3.887	1.840	0.502	1.298	48.587
	ESSAY	04	003834	1.643	0.693	0.713	0.371	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 (Spring 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	000154	22.513	8.468	0.916	2.454	62.536
	Basic Understanding	11	000154	7.097	2.731	0.762	1.332	64.518
	Literary Elements	07	000154	4.805	2.184	0.809	0.954	68.642
	Analysis Using Reading Strategies	07	000154	4.286	1.799	0.604	1.132	61.228
	Analysis Using Critical-Thinking Skills	11	000154	6.325	2.760	0.732	1.429	57.500
Mathematics	COMPLETE SUBTEST	42	000167	25.485	7.426	0.854	2.837	60.678
	Numbers, Operations, and Quanitative Reasoning	10	000167	6.329	2.411	0.697	1.327	63.290
	Patterns, Relationships, and Algebraic Reasoning	07	000167	3.653	1.728	0.504	1.217	52.185
	Geometric and Spatial Reasoning	07	000167	4.743	1.602	0.539	1.088	67.757
	Measurement	07	000167	3.868	1.554	0.383	1.221	55.257
	Probability and Statistics	04	000167	2.485	1.091	0.415	0.834	62.125
	Mathematical Processes and Tools	07	000167	4.407	1.529	0.421	1.163	62.957
Writing	MULTIPLE-CHOICE ITEMS	28	000035	14.857	5.776	0.834	2.353	53.060
	Organization	04	000035	2.514	1.121	0.438	0.840	62.850
	Sentence Structure	08	000035	3.857	2.017	0.615	1.252	48.212
	Standard Usage/Word Choice	08	000035	4.257	1.976	0.570	1.296	53.212
	Punctuation, Capitalization, Spelling	08	000035	4.229	1.986	0.607	1.245	52.862
	ESSAY	04	000035	1.886	0.758	0.695	0.419	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 (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	011634	22.772	7.560	0.888	2.530	63.255
	Basic Understanding	11	011634	7.237	2.475	0.689	1.380	65.790
	Literary Elements	07	011634	4.857	1.984	0.734	1.023	69.385
	Analysis Using Reading Strategies	07	011634	4.370	1.751	0.581	1.133	62.428
	Analysis Using Critical-Thinking Skills	11	011634	6.309	2.529	0.665	1.464	57.354
Mathematics	COMPLETE SUBTEST	42	012759	25.211	7.141	0.840	2.856	60.026
	Numbers, Operations, and Quanitative Reasoning	10	012759	6.168	2.279	0.641	1.365	61.680
	Patterns, Relationships, and Algebraic Reasoning	07	012759	3.584	1.621	0.414	1.241	51.200
	Geometric and Spatial Reasoning	07	012759	4.819	1.501	0.472	1.091	68.842
	Measurement	07	012759	3.825	1.621	0.444	1.209	54.642
	Probability and Statistics	04	012759	2.486	1.077	0.379	0.849	62.150
	Mathematical Processes and Tools	07	012759	4.328	1.609	0.486	1.154	61.828
Writing	MULTIPLE-CHOICE ITEMS	28	003537	16.013	5.829	0.837	2.353	57.189
	Organization	04	003537	2.750	1.202	0.603	0.757	68.750
	Sentence Structure	08	003537	4.338	2.119	0.655	1.245	54.225
	Standard Usage/Word Choice	08	003537	4.505	1.977	0.573	1.292	56.312
	Punctuation, Capitalization, Spelling	08	003537	4.420	1.930	0.557	1.285	55.250
	ESSAY	04	003537	1.712	0.713	0.727	0.373	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 (Spring 2005) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	006916	10.734	2.657	*****	******	29.816
	Basic Understanding	11	006916	3.647	1.538	0.019	1.523	33.154
	Literary Elements	07	006916	2.016	1.199	0.014	1.191	28.800
	Analysis Using Reading Strategies	07	006916	2.124	1.195	0.006	1.191	30.342
	Analysis Using Critical-Thinking Skills	11	006916	2.947	1.415	*****	******	26.790
Mathematics	COMPLETE SUBTEST	42	005104	12.423	2.593	*****	******	29.578
	Numbers, Operations, and Quanitative Reasoning	10	005104	2.768	1.319	*****	******	27.680
	Patterns, Relationships, and Algebraic Reasoning	07	005104	1.838	1.123	*****	******	26.257
	Geometric and Spatial Reasoning	07	005104	2.642	1.308	0.162	1.197	37.742
	Measurement	07	005104	1.812	1.071	*****	******	25.885
	Probability and Statistics	04	005104	1.202	0.889	*****	******	30.050
	Mathematical Processes and Tools	07	005104	2.161	1.146	*****	******	30.871
Writing	MULTIPLE-CHOICE ITEMS	28	005239	11.549	4.811	0.744	2.434	41.246
	Organization	04	005239	2.098	1.228	0.516	0.854	52.450
	Sentence Structure	08	005239	3.017	1.792	0.493	1.276	37.712
	Standard Usage/Word Choice	08	005239	3.168	1.778	0.455	1.313	39.600
	Punctuation, Capitalization, Spelling	08	005239	3.266	1.721	0.418	1.313	40.825
	ESSAY	04	005239	1.229	0.616	0.716	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 5 SDAA (Spring 2005) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	017614	21.451	3.719	0.453	2.751	59.586
	Basic Understanding	11	017614	6.951	1.618	0.159	1.484	63.190
	Literary Elements	07	017614	4.686	1.489	0.381	1.171	66.942
	Analysis Using Reading Strategies	07	017614	4.060	1.283	0.089	1.225	58.000
	Analysis Using Critical-Thinking Skills	11	017614	5.754	1.647	0.093	1.569	52.309
Mathematics	COMPLETE SUBTEST	42	027382	24.023	4.701	0.599	2.977	57.197
	Numbers, Operations, and Quanitative Reasoning	10	027382	5.902	1.886	0.422	1.434	59.020
	Patterns, Relationships, and Algebraic Reasoning	07	027382	3.405	1.393	0.157	1.279	48.642
	Geometric and Spatial Reasoning	07	027382	4.697	1.311	0.258	1.129	67.100
	Measurement	07	027382	3.513	1.382	0.185	1.248	50.185
	Probability and Statistics	04	027382	2.390	0.957	0.130	0.893	59.750
	Mathematical Processes and Tools	07	027382	4.116	1.376	0.231	1.207	58.800
Writing	MULTIPLE-CHOICE ITEMS	28	004170	18.714	3.427	0.531	2.347	66.835
	Organization	04	004170	3.252	0.807	0.293	0.679	81.300
	Sentence Structure	08	004170	5.194	1.632	0.406	1.258	64.925
	Standard Usage/Word Choice	08	004170	5.185	1.501	0.235	1.313	64.812
	Punctuation, Capitalization, Spelling	08	004170	5.084	1.528	0.304	1.275	63.550
	ESSAY	04	004170	2.131	0.339	0.279	0.288	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 (Spring 2005) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	009007	30.666	2.093	0.071	2.017	85.183
	Basic Understanding	11	009007	9.499	1.075	0.003	1.073	86.354
	Literary Elements	07	009007	6.532	0.666	0.055	0.647	93.314
	Analysis Using Reading Strategies	07	009007	5.835	0.961	0.042	0.941	83.357
	Analysis Using Critical-Thinking Skills	11	009007	8.801	1.304	0.056	1.267	80.009
Mathematics	COMPLETE SUBTEST	42	004594	35.144	1.937	*****	******	83.676
	Numbers, Operations, and Quanitative Reasoning	10	004594	8.774	1.021	0.022	1.010	87.740
	Patterns, Relationships, and Algebraic Reasoning	07	004594	5.411	1.057	*****	******	77.300
	Geometric and Spatial Reasoning	07	004594	6.062	0.875	0.049	0.853	86.600
	Measurement	07	004594	5.507	1.044	*****	******	78.671
	Probability and Statistics	04	004594	3.433	0.660	*****	******	85.825
	Mathematical Processes and Tools	07	004594	5.958	0.882	*****	******	85.114
Writing	MULTIPLE-CHOICE ITEMS	28	000225	24.031	1.751	*****	******	85.825
	Organization	04	000225	3.751	0.509	0.237	0.445	93.775
	Sentence Structure	08	000225	6.920	0.960	0.037	0.942	86.500
	Standard Usage/Word Choice	08	000225	6.631	0.974	*****	1.042	82.887
	Punctuation, Capitalization, Spelling	08	000225	6.729	1.005	0.025	0.992	84.112
	ESSAY	04	000225	3.102	0.303	0.152	0.279	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 (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	025443	20.014	6.826	0.846	2.679	55.594
	Basic Understanding	11	025443	6.511	2.348	0.606	1.474	59.190
	Literary Elements	07	025443	4.342	1.643	0.522	1.136	62.028
	Analysis Using Reading Strategies	07	025443	3.726	1.709	0.507	1.200	53.228
	Analysis Using Critical-Thinking Skills	11	025443	5.435	2.578	0.663	1.497	49.409
Mathematics	COMPLETE SUBTEST	44	028224	22.562	7.476	0.836	3.028	51.277
	Numbers, Operations, and Quanitative Reasoning	09	028224	4.884	1.998	0.532	1.367	54.266
	Patterns, Relationships, and Algebraic Reasoning	09	028224	4.813	1.908	0.511	1.334	53.477
	Geometric and Spatial Reasoning	07	028224	3.429	1.752	0.535	1.195	48.985
	Measurement	05	028224	1.999	1.361	0.449	1.010	39.980
	Probability and Statistics	06	028224	3.250	1.384	0.344	1.121	54.166
	Mathematical Processes and Tools	08	028224	4.187	1.897	0.527	1.305	52.337
Writing	MULTIPLE-CHOICE ITEMS	33	011328	18.525	6.388	0.843	2.531	56.136
	Organization	04	011328	2.537	1.093	0.463	0.801	63.425
	Sentence Structure	09	011328	4.080	2.201	0.616	1.364	45.333
	Standard Usage/Word Choice	10	011328	6.290	2.270	0.646	1.351	62.900
	Punctuation, Capitalization, Spelling	10	011328	5.617	2.330	0.639	1.400	56.170
	ESSAY	04	011328	1.703	0.659	0.706	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 6 SDAA (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	008863	20.640	6.514	0.833	2.662	57.333
	Basic Understanding	11	008863	6.684	2.227	0.566	1.467	60.763
	Literary Elements	07	008863	4.527	1.563	0.478	1.129	64.671
	Analysis Using Reading Strategies	07	008863	3.775	1.677	0.493	1.194	53.928
	Analysis Using Critical-Thinking Skills	11	008863	5.654	2.542	0.656	1.491	51.400
Mathematics	COMPLETE SUBTEST	44	009865	22.545	7.138	0.819	3.037	51.238
	Numbers, Operations, and Quanitative Reasoning	09	009865	4.875	1.977	0.512	1.381	54.166
	Patterns, Relationships, and Algebraic Reasoning	09	009865	4.918	1.860	0.488	1.331	54.644
	Geometric and Spatial Reasoning	07	009865	3.423	1.697	0.497	1.204	48.900
	Measurement	05	009865	1.709	1.272	0.391	0.993	34.180
	Probability and Statistics	06	009865	3.344	1.377	0.341	1.118	55.733
	Mathematical Processes and Tools	08	009865	4.275	1.846	0.492	1.316	53.437
Writing	MULTIPLE-CHOICE ITEMS	33	003998	19.641	5.977	0.824	2.507	59.518
	Organization	04	003998	2.665	1.017	0.411	0.781	66.625
	Sentence Structure	09	003998	4.377	2.187	0.603	1.378	48.633
	Standard Usage/Word Choice	10	003998	6.596	2.087	0.591	1.335	65.960
	Punctuation, Capitalization, Spelling	10	003998	6.003	2.254	0.630	1.371	60.030
	ESSAY	04	003998	1.844	0.626	0.670	0.360	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 (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	016521	19.684	6.963	0.852	2.679	54.677
	Basic Understanding	11	016521	6.420	2.405	0.623	1.477	58.363
	Literary Elements	07	016521	4.244	1.675	0.539	1.137	60.628
	Analysis Using Reading Strategies	07	016521	3.700	1.727	0.516	1.201	52.857
	Analysis Using Critical-Thinking Skills	11	016521	5.319	2.589	0.665	1.498	48.354
Mathematics	COMPLETE SUBTEST	44	018293	22.573	7.648	0.844	3.021	51.302
	Numbers, Operations, and Quanitative Reasoning	09	018293	4.889	2.009	0.544	1.357	54.322
	Patterns, Relationships, and Algebraic Reasoning	09	018293	4.756	1.929	0.521	1.335	52.844
	Geometric and Spatial Reasoning	07	018293	3.433	1.781	0.554	1.189	49.042
	Measurement	05	018293	2.157	1.382	0.457	1.018	43.140
	Probability and Statistics	06	018293	3.199	1.386	0.343	1.123	53.316
	Mathematical Processes and Tools	08	018293	4.139	1.922	0.544	1.298	51.737
Writing	MULTIPLE-CHOICE ITEMS	33	007314	17.917	6.524	0.848	2.544	54.293
	Organization	04	007314	2.467	1.127	0.484	0.810	61.675
	Sentence Structure	09	007314	3.920	2.193	0.617	1.357	43.555
	Standard Usage/Word Choice	10	007314	6.123	2.348	0.665	1.359	61.230
	Punctuation, Capitalization, Spelling	10	007314	5.407	2.344	0.636	1.414	54.070
	ESSAY	04	007314	1.627	0.664	0.714	0.355	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 (Spring 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	005021	19.353	6.720	0.839	2.696	53.758
	Basic Understanding	11	005021	6.345	2.378	0.610	1.485	57.681
	Literary Elements	07	005021	4.195	1.663	0.518	1.155	59.928
	Analysis Using Reading Strategies	07	005021	3.528	1.671	0.475	1.211	50.400
	Analysis Using Critical-Thinking Skills	11	005021	5.285	2.512	0.646	1.495	48.045
Mathematics	COMPLETE SUBTEST	44	005543	21.128	7.218	0.823	3.037	48.018
	Numbers, Operations, and Quanitative Reasoning	09	005543	4.622	2.007	0.526	1.382	51.355
	Patterns, Relationships, and Algebraic Reasoning	09	005543	4.723	1.904	0.504	1.341	52.477
	Geometric and Spatial Reasoning	07	005543	3.033	1.636	0.462	1.200	43.328
	Measurement	05	005543	1.716	1.271	0.387	0.995	34.320
	Probability and Statistics	06	005543	3.125	1.395	0.353	1.122	52.083
	Mathematical Processes and Tools	08	005543	3.909	1.859	0.493	1.324	48.862
Writing	MULTIPLE-CHOICE ITEMS	33	002141	18.344	6.283	0.837	2.537	55.587
	Organization	04	002141	2.474	1.104	0.466	0.807	61.850
	Sentence Structure	09	002141	3.975	2.167	0.602	1.367	44.166
	Standard Usage/Word Choice	10	002141	6.222	2.267	0.641	1.358	62.220
	Punctuation, Capitalization, Spelling	10	002141	5.673	2.318	0.638	1.395	56.730
	ESSAY	04	002141	1.626	0.659	0.706	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 6 SDAA (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	000204	21.221	6.653	0.845	2.619	58.947
	Basic Understanding	11	000204	7.049	2.346	0.633	1.421	64.081
	Literary Elements	07	000204	4.417	1.553	0.492	1.107	63.100
	Analysis Using Reading Strategies	07	000204	4.000	1.753	0.564	1.158	57.142
	Analysis Using Critical-Thinking Skills	11	000204	5.755	2.534	0.659	1.480	52.318
Mathematics	COMPLETE SUBTEST	44	000221	25.014	7.696	0.848	3.000	56.850
	Numbers, Operations, and Quanitative Reasoning	09	000221	5.394	2.050	0.572	1.341	59.933
	Patterns, Relationships, and Algebraic Reasoning	09	000221	5.534	1.853	0.484	1.331	61.488
	Geometric and Spatial Reasoning	07	000221	3.964	1.816	0.594	1.157	56.628
	Measurement	05	000221	2.199	1.364	0.430	1.030	43.980
	Probability and Statistics	06	000221	3.493	1.460	0.425	1.107	58.216
	Mathematical Processes and Tools	08	000221	4.430	1.912	0.545	1.290	55.375
Writing	MULTIPLE-CHOICE ITEMS	33	000084	20.667	6.339	0.854	2.422	62.627
	Organization	04	000084	2.690	0.993	0.369	0.789	67.250
	Sentence Structure	09	000084	4.607	2.339	0.678	1.327	51.188
	Standard Usage/Word Choice	10	000084	6.893	2.006	0.585	1.292	68.930
	Punctuation, Capitalization, Spelling	10	000084	6.476	2.273	0.659	1.327	64.760
	ESSAY	04	000084	1.643	0.652	0.645	0.388	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 (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	010492	19.203	6.647	0.836	2.692	53.341
	Basic Understanding	11	010492	6.330	2.324	0.593	1.483	57.545
	Literary Elements	07	010492	4.187	1.640	0.512	1.146	59.814
	Analysis Using Reading Strategies	07	010492	3.559	1.679	0.480	1.211	50.842
	Analysis Using Critical-Thinking Skills	11	010492	5.127	2.507	0.642	1.500	46.609
Mathematics	COMPLETE SUBTEST	44	011648	21.767	7.288	0.826	3.040	49.470
	Numbers, Operations, and Quanitative Reasoning	09	011648	4.747	1.997	0.527	1.373	52.744
	Patterns, Relationships, and Algebraic Reasoning	09	011648	4.668	1.871	0.489	1.337	51.866
	Geometric and Spatial Reasoning	07	011648	3.331	1.728	0.514	1.205	47.585
	Measurement	05	011648	1.895	1.327	0.421	1.010	37.900
	Probability and Statistics	06	011648	3.178	1.379	0.350	1.112	52.966
	Mathematical Processes and Tools	08	011648	3.948	1.862	0.500	1.317	49.350
Writing	MULTIPLE-CHOICE ITEMS	33	004687	17.778	6.229	0.832	2.553	53.872
	Organization	04	004687	2.418	1.089	0.435	0.819	60.450
	Sentence Structure	09	004687	3.869	2.146	0.592	1.371	42.988
	Standard Usage/Word Choice	10	004687	6.127	2.254	0.631	1.369	61.270
	Punctuation, Capitalization, Spelling	10	004687	5.364	2.292	0.622	1.409	53.640
	ESSAY	04	004687	1.695	0.657	0.710	0.354	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 (Spring 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	000104	21.413	7.337	0.873	2.615	59.480
	Basic Understanding	11	000104	6.798	2.533	0.680	1.433	61.800
	Literary Elements	07	000104	4.500	1.564	0.483	1.125	64.285
	Analysis Using Reading Strategies	07	000104	3.971	1.765	0.553	1.180	56.728
	Analysis Using Critical-Thinking Skills	11	000104	6.144	2.837	0.745	1.433	55.854
Mathematics	COMPLETE SUBTEST	44	000119	24.202	7.892	0.858	2.974	55.004
	Numbers, Operations, and Quanitative Reasoning	09	000119	5.244	1.948	0.540	1.321	58.266
	Patterns, Relationships, and Algebraic Reasoning	09	000119	4.975	2.093	0.609	1.309	55.277
	Geometric and Spatial Reasoning	07	000119	3.664	1.810	0.580	1.173	52.342
	Measurement	05	000119	2.311	1.345	0.407	1.036	46.220
	Probability and Statistics	06	000119	3.504	1.365	0.336	1.112	58.400
	Mathematical Processes and Tools	08	000119	4.504	1.775	0.455	1.310	56.300
Writing	MULTIPLE-CHOICE ITEMS	33	000045	20.600	6.566	0.865	2.413	62.424
	Organization	04	000045	2.889	0.935	0.423	0.710	72.225
	Sentence Structure	09	000045	4.733	2.368	0.690	1.318	52.588
	Standard Usage/Word Choice	10	000045	7.089	2.410	0.742	1.224	70.890
	Punctuation, Capitalization, Spelling	10	000045	5.889	2.578	0.732	1.335	58.890
	ESSAY	04	000045	1.800	0.505	0.619	0.312	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 (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	009504	21.219	6.889	0.853	2.641	58.941
	Basic Understanding	11	009504	6.785	2.328	0.609	1.456	61.681
	Literary Elements	07	009504	4.589	1.607	0.524	1.109	65.557
	Analysis Using Reading Strategies	07	009504	4.007	1.724	0.530	1.182	57.242
	Analysis Using Critical-Thinking Skills	11	009504	5.838	2.628	0.678	1.491	53.072
Mathematics	COMPLETE SUBTEST	44	010574	24.119	7.509	0.839	3.013	54.815
	Numbers, Operations, and Quanitative Reasoning	09	010574	5.160	1.960	0.524	1.352	57.333
	Patterns, Relationships, and Algebraic Reasoning	09	010574	5.003	1.927	0.528	1.324	55.588
	Geometric and Spatial Reasoning	07	010574	3.732	1.781	0.562	1.179	53.314
	Measurement	05	010574	2.255	1.399	0.470	1.018	45.100
	Probability and Statistics	06	010574	3.385	1.370	0.320	1.130	56.416
	Mathematical Processes and Tools	08	010574	4.585	1.886	0.540	1.279	57.312
Writing	MULTIPLE-CHOICE ITEMS	33	004335	19.366	6.502	0.852	2.501	58.684
	Organization	04	004335	2.691	1.076	0.476	0.779	67.275
	Sentence Structure	09	004335	4.347	2.245	0.635	1.356	48.300
	Standard Usage/Word Choice	10	004335	6.481	2.275	0.659	1.328	64.810
	Punctuation, Capitalization, Spelling	10	004335	5.846	2.346	0.648	1.392	58.460
	ESSAY	04	004335	1.751	0.657	0.699	0.360	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 (Spring 2005) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	002262	8.231	1.926	*****	******	22.863
	Basic Understanding	11	002262	2.853	1.359	*****	******	25.936
	Literary Elements	07	002262	1.846	1.142	0.002	1.141	26.371
	Analysis Using Reading Strategies	07	002262	1.483	1.027	*****	******	21.185
	Analysis Using Critical-Thinking Skills	11	002262	2.049	1.228	*****	******	18.627
Mathematics	COMPLETE SUBTEST	44	010370	14.760	3.351	0.198	3.001	33.545
	Numbers, Operations, and Quanitative Reasoning	09	010370	3.236	1.466	0.113	1.381	35.955
	Patterns, Relationships, and Algebraic Reasoning	09	010370	3.304	1.431	0.130	1.335	36.711
	Geometric and Spatial Reasoning	07	010370	2.135	1.226	0.078	1.177	30.500
	Measurement	05	010370	1.164	0.957	0.042	0.937	23.280
	Probability and Statistics	06	010370	2.286	1.170	0.069	1.129	38.100
	Mathematical Processes and Tools	08	010370	2.635	1.375	0.096	1.307	32.937
Writing	MULTIPLE-CHOICE ITEMS	33	005751	14.426	5.584	0.781	2.613	43.715
	Organization	04	005751	2.037	1.101	0.372	0.873	50.925
	Sentence Structure	09	005751	2.977	1.844	0.473	1.339	33.077
	Standard Usage/Word Choice	10	005751	5.055	2.251	0.590	1.441	50.550
	Punctuation, Capitalization, Spelling	10	005751	4.357	2.137	0.542	1.446	43.570
	ESSAY	04	005751	1.269	0.578	0.678	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 6 SDAA (Spring 2005) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	013529	16.911	3.373	0.296	2.830	46.975
	Basic Understanding	11	013529	5.683	1.679	0.119	1.576	51.663
	Literary Elements	07	013529	3.861	1.307	0.139	1.213	55.157
	Analysis Using Reading Strategies	07	013529	3.107	1.313	0.066	1.269	44.385
	Analysis Using Critical-Thinking Skills	11	013529	4.260	1.659	0.118	1.558	38.727
Mathematics	COMPLETE SUBTEST	44	014145	25.065	3.352	0.129	3.128	56.965
	Numbers, Operations, and Quanitative Reasoning	09	014145	5.451	1.469	0.093	1.399	60.566
	Patterns, Relationships, and Algebraic Reasoning	09	014145	5.303	1.420	0.083	1.360	58.922
	Geometric and Spatial Reasoning	07	014145	3.808	1.437	0.247	1.247	54.400
	Measurement	05	014145	2.171	1.205	0.215	1.068	43.420
	Probability and Statistics	06	014145	3.615	1.142	0.007	1.138	60.250
	Mathematical Processes and Tools	08	014145	4.718	1.425	0.099	1.353	58.975
Writing	MULTIPLE-CHOICE ITEMS	33	005311	22.466	3.784	0.580	2.452	68.078
	Organization	04	005311	3.026	0.809	0.228	0.711	75.650
	Sentence Structure	09	005311	5.108	1.909	0.461	1.402	56.755
	Standard Usage/Word Choice	10	005311	7.502	1.421	0.214	1.260	75.020
	Punctuation, Capitalization, Spelling	10	005311	6.831	1.704	0.369	1.354	68.310
	ESSAY	04	005311	2.103	0.307	0.246	0.267	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 (Spring 2005) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	36	009652	27.124	3.069	0.363	2.449	75.344
	Basic Understanding	11	009652	8.529	1.407	0.140	1.305	77.536
	Literary Elements	07	009652	5.602	1.021	0.057	0.991	80.028
	Analysis Using Reading Strategies	07	009652	5.118	1.177	0.115	1.107	73.114
	Analysis Using Critical-Thinking Skills	11	009652	7.876	1.652	0.242	1.438	71.600
Mathematics	COMPLETE SUBTEST	44	003709	34.832	2.530	*****	******	79.163
	Numbers, Operations, and Quanitative Reasoning	09	003709	7.331	1.157	0.061	1.121	81.455
	Patterns, Relationships, and Algebraic Reasoning	09	003709	7.163	1.217	0.081	1.167	79.588
	Geometric and Spatial Reasoning	07	003709	5.606	1.150	0.247	0.998	80.085
	Measurement	05	003709	3.679	1.056	0.181	0.956	73.580
	Probability and Statistics	06	003709	4.553	0.991	*****	******	75.883
	Mathematical Processes and Tools	08	003709	6.500	1.090	0.051	1.062	81.250
Writing	MULTIPLE-CHOICE ITEMS	33	000266	28.444	2.481	0.429	1.875	86.193
	Organization	04	000266	3.579	0.573	0.081	0.549	89.475
	Sentence Structure	09	000266	7.421	1.248	0.215	1.106	82.455
	Standard Usage/Word Choice	10	000266	8.786	1.040	0.139	0.965	87.860
	Punctuation, Capitalization, Spelling	10	000266	8.658	1.219	0.304	1.017	86.580
	ESSAY	04	000266	3.124	0.330	0.245	0.287	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 (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	015493	24.646	8.434	0.886	2.848	58.680
	Basic Understanding	10	015493	6.174	2.456	0.693	1.361	61.740
	Literary Elements	09	015493	5.548	2.161	0.647	1.284	61.644
	Analysis Using Reading Strategies	09	015493	5.377	1.990	0.573	1.300	59.744
	Analysis Using Critical-Thinking Skills	14	015493	7.546	3.154	0.707	1.707	53.900
Mathematics	COMPLETE SUBTEST	46	016680	18.827	6.861	0.797	3.091	40.928
	Numbers, Operations, and Quanitative Reasoning	09	016680	3.806	2.064	0.570	1.353	42.288
	Patterns, Relationships, and Algebraic Reasoning	10	016680	3.838	1.843	0.381	1.450	38.380
	Geometric and Spatial Reasoning	07	016680	3.454	1.432	0.344	1.160	49.342
	Measurement	05	016680	1.531	1.144	0.268	0.979	30.620
	Probability and Statistics	07	016680	2.799	1.557	0.382	1.224	39.985
	Mathematical Processes and Tools	08	016680	3.399	1.757	0.424	1.333	42.487

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 (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	005406	25.929	7.938	0.874	2.818	61.735
	Basic Understanding	10	005406	6.605	2.342	0.677	1.331	66.050
	Literary Elements	09	005406	5.878	2.026	0.609	1.267	65.311
	Analysis Using Reading Strategies	09	005406	5.524	1.864	0.523	1.287	61.377
	Analysis Using Critical-Thinking Skills	14	005406	7.921	3.074	0.694	1.700	56.578
Mathematics	COMPLETE SUBTEST	46	005734	18.332	6.659	0.785	3.088	39.852
	Numbers, Operations, and Quanitative Reasoning	09	005734	3.538	2.010	0.551	1.347	39.311
	Patterns, Relationships, and Algebraic Reasoning	10	005734	3.718	1.759	0.320	1.451	37.180
	Geometric and Spatial Reasoning	07	005734	3.353	1.404	0.321	1.157	47.900
	Measurement	05	005734	1.533	1.159	0.294	0.974	30.660
	Probability and Statistics	07	005734	2.803	1.576	0.400	1.221	40.042
	Mathematical Processes and Tools	08	005734	3.387	1.705	0.384	1.338	42.337

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 7 SDAA (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	010051	23.959	8.610	0.890	2.856	57.045
	Basic Understanding	10	010051	5.943	2.485	0.694	1.375	59.430
	Literary Elements	09	010051	5.372	2.210	0.660	1.289	59.688
	Analysis Using Reading Strategies	09	010051	5.299	2.051	0.595	1.305	58.877
	Analysis Using Critical-Thinking Skills	14	010051	7.344	3.178	0.710	1.711	52.457
Mathematics	COMPLETE SUBTEST	46	010904	19.086	6.947	0.802	3.091	41.491
	Numbers, Operations, and Quanitative Reasoning	09	010904	3.947	2.077	0.575	1.354	43.855
	Patterns, Relationships, and Algebraic Reasoning	10	010904	3.901	1.882	0.409	1.447	39.010
	Geometric and Spatial Reasoning	07	010904	3.507	1.444	0.356	1.159	50.100
	Measurement	05	010904	1.530	1.137	0.256	0.981	30.600
	Probability and Statistics	07	010904	2.798	1.546	0.372	1.225	39.971
	Mathematical Processes and Tools	08	010904	3.404	1.783	0.445	1.328	42.550

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 (Spring 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	002823	23.994	8.185	0.877	2.871	57.128
	Basic Understanding	10	002823	6.027	2.430	0.682	1.370	60.270
	Literary Elements	09	002823	5.485	2.134	0.630	1.298	60.944
	Analysis Using Reading Strategies	09	002823	5.241	1.957	0.554	1.307	58.233
	Analysis Using Critical-Thinking Skills	14	002823	7.241	3.043	0.678	1.727	51.721
Mathematics	COMPLETE SUBTEST	46	002940	16.906	6.108	0.749	3.060	36.752
	Numbers, Operations, and Quanitative Reasoning	09	002940	3.303	1.915	0.509	1.342	36.700
	Patterns, Relationships, and Algebraic Reasoning	10	002940	3.475	1.713	0.291	1.442	34.750
	Geometric and Spatial Reasoning	07	002940	3.146	1.378	0.298	1.155	44.942
	Measurement	05	002940	1.380	1.074	0.209	0.955	27.600
	Probability and Statistics	07	002940	2.527	1.469	0.312	1.218	36.100
	Mathematical Processes and Tools	08	002940	3.075	1.637	0.351	1.319	38.437

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 (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000092	27.837	7.915	0.883	2.707	66.278
	Basic Understanding	10	000092	7.109	2.327	0.705	1.264	71.090
	Literary Elements	09	000092	5.859	1.970	0.612	1.227	65.100
	Analysis Using Reading Strategies	09	000092	5.967	2.002	0.623	1.229	66.300
	Analysis Using Critical-Thinking Skills	14	000092	8.902	2.932	0.686	1.643	63.585
Mathematics	COMPLETE SUBTEST	46	000098	18.847	7.409	0.830	3.055	40.971
	Numbers, Operations, and Quanitative Reasoning	09	000098	3.969	2.113	0.594	1.346	44.100
	Patterns, Relationships, and Algebraic Reasoning	10	000098	3.714	1.937	0.459	1.425	37.140
	Geometric and Spatial Reasoning	07	000098	3.500	1.581	0.476	1.144	50.000
	Measurement	05	000098	1.612	1.155	0.316	0.955	32.240
	Probability and Statistics	07	000098	2.878	1.620	0.423	1.231	41.114
	Mathematical Processes and Tools	08	000098	3.173	1.816	0.492	1.294	39.662

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 (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	006297	23.662	8.283	0.879	2.881	56.338
	Basic Understanding	10	006297	5.933	2.467	0.687	1.380	59.330
	Literary Elements	09	006297	5.334	2.138	0.624	1.311	59.266
	Analysis Using Reading Strategies	09	006297	5.187	1.947	0.539	1.322	57.633
	Analysis Using Critical-Thinking Skills	14	006297	7.207	3.119	0.697	1.717	51.478
Mathematics	COMPLETE SUBTEST	46	006696	17.920	6.502	0.775	3.084	38.956
	Numbers, Operations, and Quanitative Reasoning	09	006696	3.583	2.014	0.553	1.347	39.811
	Patterns, Relationships, and Algebraic Reasoning	10	006696	3.659	1.786	0.346	1.444	36.590
	Geometric and Spatial Reasoning	07	006696	3.387	1.418	0.335	1.156	48.385
	Measurement	05	006696	1.440	1.109	0.233	0.971	28.800
	Probability and Statistics	07	006696	2.622	1.520	0.356	1.220	37.457
	Mathematical Processes and Tools	08	006696	3.228	1.707	0.395	1.328	40.350

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 (Spring 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000065	25.877	8.232	0.885	2.792	61.611
	Basic Understanding	10	000065	6.523	2.418	0.701	1.322	65.230
	Literary Elements	09	000065	5.862	1.927	0.560	1.278	65.133
	Analysis Using Reading Strategies	09	000065	5.554	1.871	0.520	1.296	61.711
	Analysis Using Critical-Thinking Skills	14	000065	7.938	3.142	0.715	1.677	56.700
Mathematics	COMPLETE SUBTEST	46	000069	20.116	7.074	0.808	3.100	43.730
	Numbers, Operations, and Quanitative Reasoning	09	000069	4.362	2.229	0.635	1.347	48.466
	Patterns, Relationships, and Algebraic Reasoning	10	000069	3.899	1.808	0.360	1.446	38.990
	Geometric and Spatial Reasoning	07	000069	3.464	1.430	0.320	1.179	49.485
	Measurement	05	000069	1.565	1.064	0.127	0.994	31.300
	Probability and Statistics	07	000069	3.203	1.641	0.449	1.218	45.757
	Mathematical Processes and Tools	08	000069	3.623	1.941	0.556	1.293	45.287

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 7 SDAA (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	006158	25.876	8.538	0.893	2.793	61.609
	Basic Understanding	10	006158	6.467	2.423	0.697	1.334	64.670
	Literary Elements	09	006158	5.786	2.176	0.672	1.246	64.288
	Analysis Using Reading Strategies	09	006158	5.623	2.022	0.602	1.276	62.477
	Analysis Using Critical-Thinking Skills	14	006158	8.001	3.182	0.719	1.687	57.150
Mathematics	COMPLETE SUBTEST	46	006820	20.538	7.105	0.809	3.105	44.647
	Numbers, Operations, and Quanitative Reasoning	09	006820	4.234	2.087	0.575	1.361	47.044
	Patterns, Relationships, and Algebraic Reasoning	10	006820	4.172	1.896	0.412	1.454	41.720
	Geometric and Spatial Reasoning	07	006820	3.653	1.438	0.347	1.162	52.185
	Measurement	05	006820	1.685	1.190	0.301	0.995	33.700
	Probability and Statistics	07	006820	3.086	1.580	0.399	1.225	44.085
	Mathematical Processes and Tools	08	006820	3.707	1.803	0.446	1.342	46.337

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 7 SDAA (Spring 2005) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	002277	11.260	2.449	*****	******	26.809
	Basic Understanding	10	002277	2.708	1.366	*****	******	27.080
	Literary Elements	09	002277	2.466	1.285	*****	******	27.400
	Analysis Using Reading Strategies	09	002277	2.764	1.276	*****	******	30.711
	Analysis Using Critical-Thinking Skills	14	002277	3.322	1.485	*****	******	23.728
Mathematics	COMPLETE SUBTEST	46	006987	12.520	2.676	*****	******	27.217
	Numbers, Operations, and Quanitative Reasoning	09	006987	2.271	1.299	0.039	1.273	25.233
	Patterns, Relationships, and Algebraic Reasoning	10	006987	2.681	1.327	*****	******	26.810
	Geometric and Spatial Reasoning	07	006987	2.559	1.147	0.018	1.137	36.557
	Measurement	05	006987	1.011	0.880	*****	******	20.220
	Probability and Statistics	07	006987	1.793	1.161	0.029	1.144	25.614
	Mathematical Processes and Tools	08	006987	2.204	1.229	*****	******	27.550

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 (Spring 2005) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	008725	23.034	4.592	0.558	3.053	54.842
	Basic Understanding	10	008725	5.804	1.783	0.311	1.480	58.040
	Literary Elements	09	008725	5.309	1.615	0.273	1.377	58.988
	Analysis Using Reading Strategies	09	008725	5.068	1.463	0.123	1.370	56.311
	Analysis Using Critical-Thinking Skills	14	008725	6.852	2.112	0.250	1.829	48.942
Mathematics	COMPLETE SUBTEST	46	008349	21.840	3.558	0.175	3.232	47.478
	Numbers, Operations, and Quanitative Reasoning	09	008349	4.559	1.599	0.196	1.434	50.655
	Patterns, Relationships, and Algebraic Reasoning	10	008349	4.341	1.514	0.021	1.498	43.410
	Geometric and Spatial Reasoning	07	008349	3.921	1.197	0.025	1.182	56.014
	Measurement	05	008349	1.728	1.071	0.072	1.032	34.560
	Probability and Statistics	07	008349	3.313	1.312	0.046	1.281	47.328
	Mathematical Processes and Tools	08	008349	3.979	1.430	0.031	1.408	49.737

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 (Spring 2005) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	004491	34.565	2.667	0.222	2.352	82.297
	Basic Understanding	10	004491	8.651	1.097	0.108	1.036	86.510
	Literary Elements	09	004491	7.576	1.080	0.128	1.009	84.177
	Analysis Using Reading Strategies	09	004491	7.303	1.152	0.102	1.092	81.144
	Analysis Using Critical-Thinking Skills	14	004491	11.035	1.545	0.066	1.493	78.821
Mathematics	COMPLETE SUBTEST	46	001344	32.895	2.683	*****	******	71.510
	Numbers, Operations, and Quanitative Reasoning	09	001344	7.110	1.235	0.084	1.182	79.000
	Patterns, Relationships, and Algebraic Reasoning	10	001344	6.724	1.390	*****	******	67.240
	Geometric and Spatial Reasoning	07	001344	5.207	1.063	0.078	1.021	74.385
	Measurement	05	001344	3.007	1.125	0.168	1.026	60.140
	Probability and Statistics	07	001344	4.841	1.141	*****	******	69.157
	Mathematical Processes and Tools	08	001344	6.006	1.200	*****	******	75.075

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 (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	009490	24.460	8.688	0.892	2.855	58.238
	Basic Understanding	10	009490	5.914	2.373	0.662	1.380	59.140
	Literary Elements	09	009490	4.991	2.204	0.615	1.368	55.455
	Analysis Using Reading Strategies	09	009490	5.019	2.304	0.668	1.328	55.766
	Analysis Using Critical-Thinking Skills	14	009490	8.537	3.110	0.733	1.607	60.978
Mathematics	COMPLETE SUBTEST	48	010133	22.031	7.379	0.816	3.165	45.897
	Numbers, Operations, and Quanitative Reasoning	09	010133	4.205	2.066	0.563	1.366	46.722
	Patterns, Relationships, and Algebraic Reasoning	10	010133	4.489	2.082	0.552	1.394	44.890
	Geometric and Spatial Reasoning	07	010133	3.802	1.666	0.461	1.223	54.314
	Measurement	05	010133	1.982	1.219	0.261	1.048	39.640
	Probability and Statistics	08	010133	4.166	1.558	0.324	1.281	52.075
	Mathematical Processes and Tools	09	010133	3.387	1.856	0.454	1.371	37.633
Writing	MULTIPLE-CHOICE ITEMS	40	001468	21.991	7.674	0.864	2.830	54.977
	Organization	06	001468	3.843	1.752	0.685	0.983	64.050
	Sentence Structure	10	001468	5.183	2.559	0.704	1.392	51.830
	Standard Usage/Word Choice	12	001468	6.895	2.388	0.576	1.555	57.458
	Punctuation, Capitalization, Spelling	12	001468	6.069	2.602	0.626	1.591	50.575
	ESSAY	04	001468	1.601	0.674	0.755	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 8 SDAA (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	003170	25.057	8.110	0.876	2.856	59.659
	Basic Understanding	10	003170	6.076	2.252	0.620	1.388	60.760
	Literary Elements	09	003170	5.192	2.140	0.594	1.364	57.688
	Analysis Using Reading Strategies	09	003170	5.019	2.190	0.626	1.339	55.766
	Analysis Using Critical-Thinking Skills	14	003170	8.769	2.898	0.693	1.606	62.635
Mathematics	COMPLETE SUBTEST	48	003427	21.367	7.076	0.801	3.157	44.514
	Numbers, Operations, and Quanitative Reasoning	09	003427	4.164	2.046	0.562	1.354	46.266
	Patterns, Relationships, and Algebraic Reasoning	10	003427	4.131	1.974	0.510	1.382	41.310
	Geometric and Spatial Reasoning	07	003427	3.683	1.625	0.419	1.239	52.614
	Measurement	05	003427	1.872	1.180	0.218	1.043	37.440
	Probability and Statistics	08	003427	4.156	1.567	0.342	1.271	51.950
	Mathematical Processes and Tools	09	003427	3.360	1.799	0.419	1.371	37.333
Writing	MULTIPLE-CHOICE ITEMS	40	000463	23.797	6.890	0.835	2.799	59.492
	Organization	06	000463	4.168	1.595	0.647	0.948	69.466
	Sentence Structure	10	000463	5.747	2.393	0.665	1.385	57.470
	Standard Usage/Word Choice	12	000463	7.335	2.228	0.534	1.521	61.125
	Punctuation, Capitalization, Spelling	12	000463	6.546	2.397	0.557	1.595	54.550
	ESSAY	04	000463	1.749	0.597	0.659	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 8 SDAA (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	006306	24.167	8.950	0.899	2.844	57.540
	Basic Understanding	10	006306	5.834	2.426	0.679	1.374	58.340
	Literary Elements	09	006306	4.891	2.228	0.624	1.366	54.344
	Analysis Using Reading Strategies	09	006306	5.021	2.361	0.688	1.319	55.788
	Analysis Using Critical-Thinking Skills	14	006306	8.421	3.204	0.750	1.602	60.150
Mathematics	COMPLETE SUBTEST	48	006693	22.377	7.508	0.822	3.168	46.618
	Numbers, Operations, and Quanitative Reasoning	09	006693	4.226	2.076	0.566	1.368	46.955
	Patterns, Relationships, and Algebraic Reasoning	10	006693	4.673	2.112	0.562	1.398	46.730
	Geometric and Spatial Reasoning	07	006693	3.865	1.682	0.479	1.214	55.214
	Measurement	05	006693	2.038	1.236	0.277	1.051	40.760
	Probability and Statistics	08	006693	4.173	1.554	0.316	1.285	52.162
	Mathematical Processes and Tools	09	006693	3.402	1.885	0.470	1.372	37.800
Writing	MULTIPLE-CHOICE ITEMS	40	001003	21.161	7.879	0.870	2.841	52.902
	Organization	06	001003	3.697	1.799	0.693	0.997	61.616
	Sentence Structure	10	001003	4.922	2.594	0.712	1.392	49.220
	Standard Usage/Word Choice	12	001003	6.692	2.433	0.585	1.567	55.766
	Punctuation, Capitalization, Spelling	12	001003	5.849	2.665	0.646	1.586	48.741
	ESSAY	04	001003	1.532	0.695	0.783	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 8 SDAA (Spring 2005) African American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	001629	22.759	8.234	0.876	2.899	54.188
	Basic Understanding	10	001629	5.552	2.335	0.636	1.409	55.520
	Literary Elements	09	001629	4.750	2.137	0.586	1.375	52.777
	Analysis Using Reading Strategies	09	001629	4.513	2.204	0.618	1.362	50.144
	Analysis Using Critical-Thinking Skills	14	001629	7.943	2.957	0.691	1.644	56.735
Mathematics	COMPLETE SUBTEST	48	001727	19.692	6.856	0.788	3.157	41.025
	Numbers, Operations, and Quanitative Reasoning	09	001727	3.808	1.979	0.527	1.361	42.311
	Patterns, Relationships, and Algebraic Reasoning	10	001727	3.916	1.983	0.520	1.374	39.160
	Geometric and Spatial Reasoning	07	001727	3.346	1.673	0.451	1.240	47.800
	Measurement	05	001727	1.765	1.168	0.215	1.035	35.300
	Probability and Statistics	08	001727	3.899	1.510	0.248	1.309	48.737
	Mathematical Processes and Tools	09	001727	2.958	1.692	0.366	1.347	32.866
Writing	MULTIPLE-CHOICE ITEMS	40	000255	21.369	7.284	0.846	2.858	53.422
	Organization	06	000255	3.631	1.763	0.674	1.007	60.516
	Sentence Structure	10	000255	4.980	2.477	0.678	1.406	49.800
	Standard Usage/Word Choice	12	000255	6.671	2.259	0.515	1.573	55.591
	Punctuation, Capitalization, Spelling	12	000255	6.086	2.482	0.586	1.597	50.716
	ESSAY	04	000255	1.549	0.650	0.763	0.316	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 (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000056	27.250	8.289	0.889	2.762	64.880
	Basic Understanding	10	000056	6.732	2.431	0.721	1.284	67.320
	Literary Elements	09	000056	5.429	1.857	0.434	1.397	60.322
	Analysis Using Reading Strategies	09	000056	5.696	2.335	0.711	1.255	63.288
	Analysis Using Critical-Thinking Skills	14	000056	9.393	2.940	0.716	1.567	67.092
Mathematics	COMPLETE SUBTEST	48	000043	22.744	7.248	0.810	3.159	47.383
	Numbers, Operations, and Quanitative Reasoning	09	000043	4.628	2.071	0.575	1.350	51.422
	Patterns, Relationships, and Algebraic Reasoning	10	000043	4.698	2.088	0.528	1.435	46.980
	Geometric and Spatial Reasoning	07	000043	4.093	1.729	0.538	1.175	58.471
	Measurement	05	000043	1.907	1.087	0.036	1.067	38.140
	Probability and Statistics	08	000043	3.953	1.379	0.175	1.253	49.412
	Mathematical Processes and Tools	09	000043	3.465	1.817	0.409	1.397	38.500
Writing	MULTIPLE-CHOICE ITEMS	40	000016	24.750	6.885	0.841	2.745	61.875
	Organization	06	000016	4.188	1.601	0.627	0.978	69.800
	Sentence Structure	10	000016	5.875	2.306	0.623	1.416	58.750
	Standard Usage/Word Choice	12	000016	7.750	2.463	0.664	1.428	64.583
	Punctuation, Capitalization, Spelling	12	000016	6.938	2.462	0.620	1.518	57.816
	ESSAY	04	000016	1.750	0.683	0.691	0.380	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 (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	003901	23.358	8.515	0.886	2.875	55.614
	Basic Understanding	10	003901	5.677	2.361	0.653	1.391	56.770
	Literary Elements	09	003901	4.694	2.162	0.591	1.383	52.155
	Analysis Using Reading Strategies	09	003901	4.766	2.259	0.648	1.340	52.955
	Analysis Using Critical-Thinking Skills	14	003901	8.221	3.079	0.722	1.623	58.721
Mathematics	COMPLETE SUBTEST	48	004018	21.071	6.943	0.793	3.159	43.897
	Numbers, Operations, and Quanitative Reasoning	09	004018	3.960	1.997	0.537	1.359	44.000
	Patterns, Relationships, and Algebraic Reasoning	10	004018	4.195	1.997	0.521	1.382	41.950
	Geometric and Spatial Reasoning	07	004018	3.775	1.667	0.458	1.227	53.928
	Measurement	05	004018	1.937	1.204	0.242	1.048	38.740
	Probability and Statistics	08	004018	4.058	1.522	0.290	1.282	50.725
	Mathematical Processes and Tools	09	004018	3.145	1.699	0.352	1.368	34.944
Writing	MULTIPLE-CHOICE ITEMS	40	000459	20.943	7.337	0.849	2.851	52.357
	Organization	06	000459	3.706	1.755	0.683	0.988	61.766
	Sentence Structure	10	000459	5.015	2.526	0.694	1.397	50.150
	Standard Usage/Word Choice	12	000459	6.641	2.354	0.560	1.561	55.341
	Punctuation, Capitalization, Spelling	12	000459	5.582	2.494	0.589	1.599	46.516
	ESSAY	04	000459	1.575	0.651	0.717	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 (Spring 2005) Native American Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	000046	25.391	8.378	0.887	2.816	60.454
	Basic Understanding	10	000046	6.174	2.293	0.650	1.357	61.740
	Literary Elements	09	000046	5.457	2.137	0.619	1.319	60.633
	Analysis Using Reading Strategies	09	000046	4.913	2.393	0.693	1.326	54.588
	Analysis Using Critical-Thinking Skills	14	000046	8.848	3.183	0.761	1.556	63.200
Mathematics	COMPLETE SUBTEST	48	000057	22.912	6.251	0.742	3.175	47.733
	Numbers, Operations, and Quanitative Reasoning	09	000057	4.596	1.731	0.370	1.374	51.066
	Patterns, Relationships, and Algebraic Reasoning	10	000057	4.807	1.865	0.387	1.460	48.070
	Geometric and Spatial Reasoning	07	000057	3.754	1.539	0.343	1.247	53.628
	Measurement	05	000057	2.018	1.217	0.254	1.051	40.360
	Probability and Statistics	08	000057	4.228	1.439	0.271	1.229	52.850
	Mathematical Processes and Tools	09	000057	3.509	1.774	0.415	1.357	38.988
Writing	MULTIPLE-CHOICE ITEMS	40	000014	23.214	7.597	0.874	2.697	58.035
	Organization	06	000014	4.500	1.605	0.690	0.894	75.000
	Sentence Structure	10	000014	5.286	2.555	0.725	1.340	52.860
	Standard Usage/Word Choice	12	000014	7.571	2.344	0.586	1.508	63.091
	Punctuation, Capitalization, Spelling	12	000014	5.857	2.349	0.572	1.537	48.808
	ESSAY	04	000014	1.643	0.633	0.932	0.165	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 (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	003817	26.263	8.717	0.898	2.784	62.530
	Basic Understanding	10	003817	6.296	2.342	0.666	1.354	62.960
	Literary Elements	09	003817	5.390	2.211	0.631	1.343	59.888
	Analysis Using Reading Strategies	09	003817	5.485	2.303	0.683	1.297	60.944
	Analysis Using Critical-Thinking Skills	14	003817	9.093	3.116	0.748	1.564	64.950
Mathematics	COMPLETE SUBTEST	48	004247	23.884	7.552	0.824	3.168	49.758
	Numbers, Operations, and Quanitative Reasoning	09	004247	4.591	2.103	0.577	1.368	51.011
	Patterns, Relationships, and Algebraic Reasoning	10	004247	4.994	2.092	0.549	1.405	49.940
	Geometric and Spatial Reasoning	07	004247	4.020	1.618	0.439	1.212	57.428
	Measurement	05	004247	2.112	1.241	0.282	1.052	42.240
	Probability and Statistics	08	004247	4.381	1.584	0.363	1.264	54.762
	Mathematical Processes and Tools	09	004247	3.788	1.980	0.513	1.382	42.088
Writing	MULTIPLE-CHOICE ITEMS	40	000716	22.775	7.947	0.876	2.798	56.937
	Organization	06	000716	3.989	1.742	0.693	0.965	66.483
	Sentence Structure	10	000716	5.341	2.611	0.722	1.377	53.410
	Standard Usage/Word Choice	12	000716	7.095	2.422	0.595	1.541	59.125
	Punctuation, Capitalization, Spelling	12	000716	6.351	2.680	0.652	1.581	52.925
	ESSAY	04	000716	1.628	0.695	0.774	0.330	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 (Spring 2005) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	001531	11.369	2.361	*****	******	27.069
	Basic Understanding	10	001531	2.722	1.277	*****	******	27.220
	Literary Elements	09	001531	2.240	1.276	*****	******	24.888
	Analysis Using Reading Strategies	09	001531	2.148	1.173	*****	******	23.866
	Analysis Using Critical-Thinking Skills	14	001531	4.259	1.607	*****	******	30.421
Mathematics	COMPLETE SUBTEST	48	004055	14.904	3.232	0.092	3.080	31.050
	Numbers, Operations, and Quanitative Reasoning	09	004055	2.639	1.368	0.059	1.327	29.322
	Patterns, Relationships, and Algebraic Reasoning	10	004055	2.869	1.392	0.096	1.323	28.690
	Geometric and Spatial Reasoning	07	004055	2.637	1.366	0.155	1.256	37.671
	Measurement	05	004055	1.357	0.993	0.017	0.985	27.140
	Probability and Statistics	08	004055	3.145	1.307	*****	******	39.312
	Mathematical Processes and Tools	09	004055	2.256	1.267	*****	******	25.066
Writing	MULTIPLE-CHOICE ITEMS	40	000824	17.938	7.161	0.837	2.891	44.845
	Organization	06	000824	3.069	1.759	0.637	1.060	51.150
	Sentence Structure	10	000824	4.040	2.393	0.657	1.401	40.400
	Standard Usage/Word Choice	12	000824	5.900	2.363	0.544	1.596	49.166
	Punctuation, Capitalization, Spelling	12	000824	4.928	2.429	0.570	1.593	41.066
	ESSAY	04	000824	1.163	0.505	0.666	0.292	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 (Spring 2005) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	005867	23.814	5.246	0.666	3.032	56.700
	Basic Understanding	10	005867	5.813	1.773	0.322	1.460	58.130
	Literary Elements	09	005867	4.844	1.696	0.264	1.455	53.822
	Analysis Using Reading Strategies	09	005867	4.804	1.750	0.334	1.428	53.377
	Analysis Using Critical-Thinking Skills	14	005867	8.354	2.222	0.414	1.701	59.671
Mathematics	COMPLETE SUBTEST	48	004890	24.758	3.311	0.027	3.266	51.579
	Numbers, Operations, and Quanitative Reasoning	09	004890	4.811	1.590	0.194	1.427	53.455
	Patterns, Relationships, and Algebraic Reasoning	10	004890	5.124	1.529	0.103	1.448	51.240
	Geometric and Spatial Reasoning	07	004890	4.334	1.315	0.115	1.237	61.914
	Measurement	05	004890	2.237	1.143	0.101	1.084	44.740
	Probability and Statistics	08	004890	4.604	1.247	*****	******	57.550
	Mathematical Processes and Tools	09	004890	3.648	1.501	0.084	1.437	40.533
Writing	MULTIPLE-CHOICE ITEMS	40	000611	26.802	4.346	0.596	2.762	67.005
	Organization	06	000611	4.792	1.143	0.401	0.885	79.866
	Sentence Structure	10	000611	6.542	1.930	0.489	1.380	65.420
	Standard Usage/Word Choice	12	000611	8.077	1.694	0.213	1.503	67.308
	Punctuation, Capitalization, Spelling	12	000611	7.391	1.963	0.341	1.594	61.591
	ESSAY	04	000611	2.113	0.316	0.303	0.264	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 (Spring 2005) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	COMPLETE SUBTEST	42	002092	35.850	2.203	*****	******	85.357
	Basic Understanding	10	002092	8.533	1.089	0.007	1.085	85.330
	Literary Elements	09	002092	7.415	1.138	0.010	1.132	82.388
	Analysis Using Reading Strategies	09	002092	7.721	1.016	0.014	1.009	85.788
	Analysis Using Critical-Thinking Skills	14	002092	12.181	1.170	*****	******	87.007
Mathematics	COMPLETE SUBTEST	48	001188	35.133	2.832	*****	******	73.193
	Numbers, Operations, and Quanitative Reasoning	09	001188	7.052	1.277	0.136	1.187	78.355
	Patterns, Relationships, and Algebraic Reasoning	10	001188	7.402	1.275	*****	******	74.020
	Geometric and Spatial Reasoning	07	001188	5.589	1.086	0.167	0.991	79.842
	Measurement	05	001188	3.068	1.077	0.054	1.048	61.360
	Probability and Statistics	08	001188	5.848	1.145	0.017	1.135	73.100
	Mathematical Processes and Tools	09	001188	6.173	1.487	0.182	1.345	68.588
Writing	MULTIPLE-CHOICE ITEMS	40	000033	34.121	2.132	0.021	2.109	85.302
	Organization	06	000033	5.606	0.659	0.296	0.553	93.433
	Sentence Structure	10	000033	8.576	1.032	0.086	0.987	85.760
	Standard Usage/Word Choice	12	000033	9.848	1.395	0.189	1.256	82.066
	Punctuation, Capitalization, Spelling	12	000033	10.091	1.234	*****	1.241	84.091
	ESSAY	04	000033	3.091	0.292	0.416	0.223	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 (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	004589	20.813	7.237	0.895	2.345	65.056
	Basic Understanding	10	004589	6.431	2.396	0.704	1.304	64.310
	Literary Elements and Techniques	12	004589	7.253	2.697	0.752	1.343	66.550
	Analysis and Evaluation	12	004589	7.129	2.902	0.788	1.336	64.310
Mathematics	COMPLETE SUBTEST	50	004921	18.294	6.222	0.735	3.203	36.588
	Functional Relationships	05	004921	1.396	1.082	0.191	0.973	27.920
	Properties and Attributes of Functions	05	004921	1.819	1.151	0.174	1.046	36.380
	Linear Functions	05	004921	1.858	1.276	0.408	0.982	37.160
	Linear Equations and Inequalities	05	004921	1.863	1.226	0.298	1.027	37.260
	Quadratic and Other Nonlinear Functions	04	004921	1.250	1.020	0.245	0.886	31.250
	Geometric Relationships and Spatial Reasoning	04	004921	1.354	1.132	0.415	0.866	33.850
	Two- and Three-Dimensional Representations	04	004921	2.279	1.000	0.205	0.892	56.975
	Measurements	05	004921	1.523	1.017	0.004	1.015	30.460
	Percents, Proportions, Probability, and Statistics	05	004921	2.093	1.093	0.111	1.031	41.860
	Mathematical Processes and Tools	08	004921	2.859	1.614	0.374	1.277	35.737

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 (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	001442	22.255	6.725	0.883	2.300	69.013
	Basic Understanding	10	001442	6.859	2.264	0.682	1.277	68.590
	Literary Elements and Techniques	12	001442	7.726	2.498	0.723	1.315	70.450
	Analysis and Evaluation	12	001442	7.670	2.721	0.769	1.308	68.000
Mathematics	COMPLETE SUBTEST	50	001553	18.390	6.157	0.729	3.205	36.780
	Functional Relationships	05	001553	1.418	1.107	0.232	0.970	28.360
	Properties and Attributes of Functions	05	001553	1.843	1.126	0.130	1.050	36.860
	Linear Functions	05	001553	1.946	1.312	0.426	0.994	38.920
	Linear Equations and Inequalities	05	001553	1.940	1.222	0.284	1.034	38.800
	Quadratic and Other Nonlinear Functions	04	001553	1.244	1.039	0.281	0.881	31.100
	Geometric Relationships and Spatial Reasoning	04	001553	1.381	1.153	0.438	0.864	34.525
	Two- and Three-Dimensional Representations	04	001553	2.183	0.989	0.179	0.896	54.575
	Measurements	05	001553	1.555	1.032	0.040	1.011	31.100
	Percents, Proportions, Probability, and Statistics	05	001553	2.136	1.086	0.100	1.030	42.720
	Mathematical Processes and Tools	08	001553	2.744	1.596	0.379	1.258	34.300

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 9 SDAA (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	003128	20.164	7.368	0.897	2.365	63.283
	Basic Understanding	10	003128	6.239	2.430	0.709	1.311	62.390
	Literary Elements and Techniques	12	003128	7.038	2.759	0.760	1.352	64.790
	Analysis and Evaluation	12	003128	6.887	2.949	0.791	1.348	62.670
Mathematics	COMPLETE SUBTEST	50	003330	18.254	6.266	0.740	3.195	36.508
	Functional Relationships	05	003330	1.385	1.072	0.177	0.973	27.700
	Properties and Attributes of Functions	05	003330	1.809	1.164	0.200	1.041	36.180
	Linear Functions	05	003330	1.820	1.259	0.401	0.974	36.400
	Linear Equations and Inequalities	05	003330	1.827	1.230	0.308	1.023	36.540
	Quadratic and Other Nonlinear Functions	04	003330	1.254	1.011	0.229	0.888	31.350
	Geometric Relationships and Spatial Reasoning	04	003330	1.343	1.123	0.404	0.867	33.575
	Two- and Three-Dimensional Representations	04	003330	2.323	1.005	0.219	0.888	58.075
	Measurements	05	003330	1.508	1.011	*****	******	30.160
	Percents, Proportions, Probability, and Statistics	05	003330	2.070	1.096	0.119	1.029	41.400
	Mathematical Processes and Tools	08	003330	2.916	1.621	0.370	1.287	36.450

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 (Spring 2005) 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	000873	18.786	7.488	0.896	2.415	58.966
	Basic Understanding	10	000873	5.869	2.494	0.713	1.336	58.690
	Literary Elements and Techniques	12	000873	6.580	2.779	0.750	1.389	60.710
	Analysis and Evaluation	12	000873	6.337	2.938	0.775	1.394	57.490
Mathematics	COMPLETE SUBTEST	50	000885	16.101	5.312	0.651	3.138	32.202
	Functional Relationships	05	000885	1.263	1.009	0.109	0.952	25.260
	Properties and Attributes of Functions	05	000885	1.636	1.091	0.115	1.026	32.720
	Linear Functions	05	000885	1.607	1.192	0.340	0.968	32.140
	Linear Equations and Inequalities	05	000885	1.620	1.104	0.154	1.015	32.400
	Quadratic and Other Nonlinear Functions	04	000885	1.123	0.951	0.156	0.874	28.075
	Geometric Relationships and Spatial Reasoning	04	000885	1.102	0.979	0.235	0.856	27.550
	Two- and Three-Dimensional Representations	04	000885	2.002	0.988	0.165	0.903	50.050
	Measurements	05	000885	1.384	0.987	*****	******	27.680
	Percents, Proportions, Probability, and Statistics	05	000885	1.963	1.089	0.101	1.033	39.260
	Mathematical Processes and Tools	08	000885	2.400	1.472	0.294	1.237	30.000

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 9 SDAA (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	000022	22.045	6.129	0.855	2.334	69.243
	Basic Understanding	10	000022	6.500	1.871	0.457	1.379	65.000
	Literary Elements and Techniques	12	000022	7.773	2.506	0.756	1.238	72.270
	Analysis and Evaluation	12	000022	7.773	2.927	0.821	1.238	70.450
Mathematics	COMPLETE SUBTEST	50	000029	22.897	8.752	0.871	3.143	45.794
	Functional Relationships	05	000029	1.483	1.379	0.584	0.889	29.660
	Properties and Attributes of Functions	05	000029	2.103	1.176	0.181	1.064	42.060
	Linear Functions	05	000029	2.379	1.545	0.641	0.926	47.580
	Linear Equations and Inequalities	05	000029	2.552	1.242	0.255	1.072	51.040
	Quadratic and Other Nonlinear Functions	04	000029	1.966	1.052	0.140	0.976	49.150
	Geometric Relationships and Spatial Reasoning	04	000029	2.069	1.462	0.723	0.769	51.725
	Two- and Three-Dimensional Representations	04	000029	2.483	1.056	0.387	0.827	62.075
	Measurements	05	000029	1.793	1.176	0.350	0.948	35.860
	Percents, Proportions, Probability, and Statistics	05	000029	2.345	1.045	0.047	1.020	46.900
	Mathematical Processes and Tools	08	000029	3.724	1.771	0.477	1.281	46.550

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 (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	001884	20.191	7.090	0.888	2.373	63.033
	Basic Understanding	10	001884	6.213	2.367	0.686	1.326	62.130
	Literary Elements and Techniques	12	001884	7.040	2.716	0.751	1.355	64.620
	Analysis and Evaluation	12	001884	6.937	2.831	0.769	1.361	62.350
Mathematics	COMPLETE SUBTEST	50	001993	17.509	5.676	0.686	3.181	35.018
	Functional Relationships	05	001993	1.352	1.036	0.126	0.969	27.040
	Properties and Attributes of Functions	05	001993	1.763	1.139	0.174	1.035	35.260
	Linear Functions	05	001993	1.839	1.277	0.412	0.979	36.780
	Linear Equations and Inequalities	05	001993	1.712	1.171	0.254	1.011	34.240
	Quadratic and Other Nonlinear Functions	04	001993	1.189	1.000	0.235	0.875	29.725
	Geometric Relationships and Spatial Reasoning	04	001993	1.262	1.086	0.367	0.864	31.550
	Two- and Three-Dimensional Representations	04	001993	2.239	0.985	0.186	0.889	55.975
	Measurements	05	001993	1.470	0.997	*****	******	29.400
	Percents, Proportions, Probability, and Statistics	05	001993	2.023	1.065	0.073	1.025	40.460
	Mathematical Processes and Tools	08	001993	2.659	1.512	0.296	1.269	33.237

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 (Spring 2005) 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	000019	25.421	6.327	0.907	1.929	79.650
	Basic Understanding	10	000019	7.789	2.417	0.817	1.034	77.890
	Literary Elements and Techniques	12	000019	8.632	2.454	0.817	1.050	80.530
	Analysis and Evaluation	12	000019	9.000	2.055	0.674	1.173	80.530
Mathematics	COMPLETE SUBTEST	50	000020	20.300	7.442	0.820	3.157	40.600
	Functional Relationships	05	000020	1.350	1.226	0.440	0.917	27.000
	Properties and Attributes of Functions	05	000020	2.150	1.387	0.537	0.944	43.000
	Linear Functions	05	000020	2.050	1.317	0.425	0.999	41.000
	Linear Equations and Inequalities	05	000020	2.400	1.188	0.191	1.069	48.000
	Quadratic and Other Nonlinear Functions	04	000020	1.350	1.089	0.370	0.864	33.750
	Geometric Relationships and Spatial Reasoning	04	000020	1.450	1.276	0.585	0.822	36.250
	Two- and Three-Dimensional Representations	04	000020	2.500	1.000	0.152	0.921	62.500
	Measurements	05	000020	1.750	0.910	*****	******	35.000
	Percents, Proportions, Probability, and Statistics	05	000020	2.200	1.056	*****	******	44.000
	Mathematical Processes and Tools	08	000020	3.100	1.553	0.385	1.218	38.750

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 9 SDAA (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	001755	22.483	6.899	0.892	2.267	70.226
	Basic Understanding	10	001755	6.946	2.275	0.697	1.252	69.460
	Literary Elements and Techniques	12	001755	7.811	2.528	0.735	1.301	71.450
	Analysis and Evaluation	12	001755	7.726	2.828	0.795	1.280	69.770
Mathematics	COMPLETE SUBTEST	50	001941	20.078	6.584	0.757	3.246	40.156
	Functional Relationships	05	001941	1.504	1.147	0.264	0.984	30.080
	Properties and Attributes of Functions	05	001941	1.955	1.173	0.185	1.059	39.100
	Linear Functions	05	001941	1.994	1.291	0.416	0.987	39.880
	Linear Equations and Inequalities	05	001941	2.118	1.290	0.347	1.042	42.360
	Quadratic and Other Nonlinear Functions	04	001941	1.367	1.058	0.271	0.903	34.175
	Geometric Relationships and Spatial Reasoning	04	001941	1.557	1.203	0.474	0.872	38.925
	Two- and Three-Dimensional Representations	04	001941	2.446	0.992	0.202	0.886	61.150
	Measurements	05	001941	1.639	1.039	0.014	1.032	32.780
	Percents, Proportions, Probability, and Statistics	05	001941	2.222	1.109	0.132	1.033	44.440
	Mathematical Processes and Tools	08	001941	3.276	1.674	0.397	1.300	40.950

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 9 SDAA (Spring 2005) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	001121	10.357	3.484	0.473	2.529	33.136
	Basic Understanding	10	001121	3.427	1.701	0.317	1.406	34.270
	Literary Elements and Techniques	12	001121	3.653	1.756	0.304	1.465	34.320
	Analysis and Evaluation	12	001121	3.277	1.648	0.226	1.450	30.820
Mathematics	COMPLETE SUBTEST	50	003613	15.309	3.533	0.214	3.132	30.618
	Functional Relationships	05	003613	1.169	0.961	0.061	0.931	23.380
	Properties and Attributes of Functions	05	003613	1.527	1.034	0.028	1.019	30.540
	Linear Functions	05	003613	1.495	1.085	0.199	0.971	29.900
	Linear Equations and Inequalities	05	003613	1.495	1.025	0.031	1.009	29.900
	Quadratic and Other Nonlinear Functions	04	003613	1.004	0.870	0.025	0.859	25.100
	Geometric Relationships and Spatial Reasoning	04	003613	0.997	0.892	0.092	0.850	24.925
	Two- and Three-Dimensional Representations	04	003613	2.090	0.966	0.136	0.898	52.250
	Measurements	05	003613	1.345	0.951	*****	******	26.900
	Percents, Proportions, Probability, and Statistics	05	003613	1.839	1.003	*****	******	36.780
	Mathematical Processes and Tools	08	003613	2.347	1.307	0.077	1.256	29.337

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 9 SDAA (Spring 2005) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	002288	21.791	3.148	0.388	2.463	68.283
	Basic Understanding	10	002288	6.650	1.453	0.105	1.375	66.500
	Literary Elements and Techniques	12	002288	7.679	1.574	0.212	1.397	70.820
	Analysis and Evaluation	12	002288	7.461	1.723	0.345	1.394	67.520
Mathematics	COMPLETE SUBTEST	50	001139	25.274	2.772	*****	******	50.548
	Functional Relationships	05	001139	1.850	1.065	*****	******	37.000
	Properties and Attributes of Functions	05	001139	2.510	1.029	*****	******	50.200
	Linear Functions	05	001139	2.732	1.194	0.271	1.019	54.640
	Linear Equations and Inequalities	05	001139	2.716	1.096	0.005	1.093	54.320
	Quadratic and Other Nonlinear Functions	04	001139	1.808	1.047	0.156	0.962	45.200
	Geometric Relationships and Spatial Reasoning	04	001139	2.212	1.112	0.306	0.926	55.300
	Two- and Three-Dimensional Representations	04	001139	2.758	0.907	0.096	0.862	68.950
	Measurements	05	001139	1.926	0.994	*****	******	38.520
	Percents, Proportions, Probability, and Statistics	05	001139	2.709	1.004	*****	******	54.180
	Mathematical Processes and Tools	08	001139	4.052	1.447	0.165	1.322	50.650

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 (Spring 2005) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
Reading	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	34	001180	28.849	1.613	0.240	1.796	89.130
	Basic Understanding	10	001180	8.860	0.957	*****	******	88.600
	Literary Elements and Techniques	12	001180	9.845	1.084	0.071	1.045	88.890
	Analysis and Evaluation	12	001180	10.144	1.008	0.012	1.002	89.900
Mathematics	COMPLETE SUBTEST	50	000169	35.083	2.800	*****	******	70.166
	Functional Relationships	05	000169	3.189	0.994	*****	******	63.780
	Properties and Attributes of Functions	05	000169	3.391	1.042	0.038	1.022	67.820
	Linear Functions	05	000169	3.734	1.072	0.329	0.878	74.680
	Linear Equations and Inequalities	05	000169	3.982	0.985	0.246	0.855	79.640
	Quadratic and Other Nonlinear Functions	04	000169	2.757	1.050	0.323	0.864	68.925
	Geometric Relationships and Spatial Reasoning	04	000169	3.213	0.940	0.435	0.707	80.325
	Two- and Three-Dimensional Representations	04	000169	3.095	0.804	0.050	0.784	77.375
	Measurements	05	000169	2.609	1.075	*****	******	52.180
	Percents, Proportions, Probability, and Statistics	05	000169	3.361	0.966	0.106	0.913	67.220
	Mathematical Processes and Tools	08	000169	5.751	1.308	0.168	1.193	71.887

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 (Spring 2005) Total Group

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	003488	22.226	8.615	0.880	2.984	50.352
	Basic Understanding	08	003488	4.743	1.859	0.565	1.226	59.287
	Literary Elements and Techniques	10	003488	4.567	2.378	0.689	1.326	51.450
	Analysis and Evaluation	14	003488	5.681	2.825	0.705	1.534	50.540
	Revising and Editing	16	003488	7.235	3.397	0.724	1.785	45.218
	ESSAY	04	003488	1.129	0.590	0.786	0.273	N/A
Mathematics	COMPLETE SUBTEST	54	003307	24.673	8.034	0.827	3.342	45.690
	Functional Relationships	05	003307	2.523	1.321	0.393	1.029	50.460
	Properties and Attributes of Functions	05	003307	2.303	1.301	0.339	1.058	46.060
	Linear Functions	05	003307	2.193	1.238	0.324	1.018	43.860
	Linear Equations and Inequalities	05	003307	2.325	1.278	0.370	1.014	46.500
	Quadratic and Other Nonlinear Functions	05	003307	2.326	1.435	0.498	1.017	46.520
	Geometric Relationships and Spatial Reasoning	05	003307	2.162	1.193	0.212	1.059	43.240
	Two- and Three-Dimensional Representations	05	003307	3.513	1.233	0.449	0.915	70.260
	Measurements	06	003307	1.839	1.232	0.216	1.091	30.650
	Percents, Proportions, Probability, and Statistics	05	003307	2.471	1.227	0.371	0.973	49.420
	Mathematical Processes and Tools	08	003307	3.018	1.526	0.281	1.294	37.725

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 (Spring 2005) Female Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	001142	23.690	8.218	0.867	2.997	53.295
	Basic Understanding	08	001142	5.004	1.777	0.537	1.209	62.550
	Literary Elements and Techniques	10	001142	4.826	2.305	0.661	1.342	53.962
	Analysis and Evaluation	14	001142	6.032	2.706	0.667	1.562	52.360
	Revising and Editing	16	001142	7.828	3.328	0.713	1.783	48.925
	ESSAY	04	001142	1.261	0.581	0.708	0.314	N/A
Mathematics	COMPLETE SUBTEST	54	001107	24.593	7.640	0.808	3.348	45.542
	Functional Relationships	05	001107	2.519	1.300	0.383	1.021	50.380
	Properties and Attributes of Functions	05	001107	2.313	1.302	0.342	1.056	46.260
	Linear Functions	05	001107	2.261	1.200	0.281	1.018	45.220
	Linear Equations and Inequalities	05	001107	2.302	1.265	0.359	1.013	46.040
	Quadratic and Other Nonlinear Functions	05	001107	2.387	1.434	0.496	1.018	47.740
	Geometric Relationships and Spatial Reasoning	05	001107	2.187	1.171	0.166	1.069	43.740
	Two- and Three-Dimensional Representations	05	001107	3.365	1.232	0.415	0.942	67.300
	Measurements	06	001107	1.798	1.220	0.229	1.071	29.966
	Percents, Proportions, Probability, and Statistics	05	001107	2.363	1.185	0.345	0.959	47.260
	Mathematical Processes and Tools	08	001107	3.100	1.474	0.226	1.297	38.750

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 10 SDAA (Spring 2005) Male Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	002343	21.526	8.711	0.884	2.967	48.945
	Basic Understanding	08	002343	4.618	1.886	0.574	1.231	57.725
	Literary Elements and Techniques	10	002343	4.444	2.402	0.699	1.318	50.275
	Analysis and Evaluation	14	002343	5.513	2.866	0.718	1.522	49.680
	Revising and Editing	16	002343	6.950	3.394	0.724	1.783	43.437
	ESSAY	04	002343	1.065	0.584	0.816	0.251	N/A
Mathematics	COMPLETE SUBTEST	54	002192	24.712	8.224	0.835	3.341	45.762
	Functional Relationships	05	002192	2.525	1.330	0.397	1.033	50.500
	Properties and Attributes of Functions	05	002192	2.299	1.300	0.341	1.055	45.980
	Linear Functions	05	002192	2.157	1.256	0.346	1.016	43.140
	Linear Equations and Inequalities	05	002192	2.336	1.283	0.378	1.012	46.720
	Quadratic and Other Nonlinear Functions	05	002192	2.296	1.436	0.502	1.013	45.920
	Geometric Relationships and Spatial Reasoning	05	002192	2.150	1.205	0.235	1.054	43.000
	Two- and Three-Dimensional Representations	05	002192	3.587	1.225	0.462	0.899	71.740
	Measurements	06	002192	1.859	1.238	0.211	1.100	30.983
	Percents, Proportions, Probability, and Statistics	05	002192	2.525	1.244	0.385	0.976	50.500
	Mathematical Processes and Tools	08	002192	2.979	1.552	0.309	1.290	37.237

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 (Spring 2005) 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	000718	19.943	7.868	0.856	2.986	45.602
	Basic Understanding	08	000718	4.401	1.797	0.518	1.248	55.012
	Literary Elements and Techniques	10	000718	4.061	2.149	0.608	1.345	46.450
	Analysis and Evaluation	14	000718	4.992	2.661	0.678	1.510	45.470
	Revising and Editing	16	000718	6.489	3.272	0.707	1.771	40.556
	ESSAY	04	000718	1.011	0.541	0.796	0.244	N/A
Mathematics	COMPLETE SUBTEST	54	000664	21.715	7.121	0.782	3.325	40.212
	Functional Relationships	05	000664	2.137	1.201	0.272	1.025	42.740
	Properties and Attributes of Functions	05	000664	2.062	1.237	0.272	1.055	41.240
	Linear Functions	05	000664	1.962	1.172	0.266	1.004	39.240
	Linear Equations and Inequalities	05	000664	2.038	1.243	0.347	1.004	40.760
	Quadratic and Other Nonlinear Functions	05	000664	2.080	1.378	0.453	1.019	41.600
	Geometric Relationships and Spatial Reasoning	05	000664	1.916	1.157	0.190	1.041	38.320
	Two- and Three-Dimensional Representations	05	000664	3.089	1.286	0.414	0.984	61.780
	Measurements	06	000664	1.619	1.150	0.152	1.059	26.983
	Percents, Proportions, Probability, and Statistics	05	000664	2.140	1.123	0.255	0.969	42.800
	Mathematical Processes and Tools	08	000664	2.673	1.434	0.211	1.274	33.412

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 (Spring 2005) Asian Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	000010	22.900	6.297	0.785	2.920	51.428
	Basic Understanding	08	000010	5.600	1.777	0.607	1.114	70.000
	Literary Elements and Techniques	10	000010	4.500	1.650	0.330	1.351	50.000
	Analysis and Evaluation	14	000010	6.200	2.440	0.608	1.528	54.000
	Revising and Editing	16	000010	6.600	2.914	0.637	1.756	41.250
	ESSAY	04	000010	1.300	0.483	0.764	0.235	N/A
Mathematics	COMPLETE SUBTEST	54	000011	26.182	9.898	0.906	3.035	48.485
	Functional Relationships	05	000011	2.818	1.079	0.169	0.984	56.360
	Properties and Attributes of Functions	05	000011	2.455	1.369	0.578	0.889	49.100
	Linear Functions	05	000011	2.727	1.191	0.347	0.962	54.540
	Linear Equations and Inequalities	05	000011	2.455	1.635	0.733	0.845	49.100
	Quadratic and Other Nonlinear Functions	05	000011	2.545	1.128	0.147	1.042	50.900
	Geometric Relationships and Spatial Reasoning	05	000011	2.091	1.514	0.683	0.852	41.820
	Two- and Three-Dimensional Representations	05	000011	3.364	1.434	0.718	0.762	67.280
	Measurements	06	000011	2.000	1.949	0.824	0.818	33.333
	Percents, Proportions, Probability, and Statistics	05	000011	2.636	1.206	0.441	0.902	52.720
	Mathematical Processes and Tools	08	000011	3.091	1.758	0.562	1.163	38.637

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 10 SDAA (Spring 2005) Hispanic Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	001477	21.196	7.982	0.857	3.018	48.071
	Basic Understanding	08	001477	4.555	1.801	0.521	1.246	56.937
	Literary Elements and Techniques	10	001477	4.269	2.262	0.646	1.346	48.387
	Analysis and Evaluation	14	001477	5.425	2.686	0.661	1.564	48.170
	Revising and Editing	16	001477	6.947	3.167	0.679	1.794	43.418
	ESSAY	04	001477	1.098	0.574	0.761	0.281	N/A
Mathematics	COMPLETE SUBTEST	54	001406	24.417	7.593	0.806	3.344	45.216
	Functional Relationships	05	001406	2.541	1.315	0.388	1.029	50.820
	Properties and Attributes of Functions	05	001406	2.250	1.260	0.286	1.065	45.000
	Linear Functions	05	001406	2.178	1.225	0.312	1.016	43.560
	Linear Equations and Inequalities	05	001406	2.245	1.227	0.297	1.029	44.900
	Quadratic and Other Nonlinear Functions	05	001406	2.383	1.466	0.530	1.005	47.660
	Geometric Relationships and Spatial Reasoning	05	001406	2.196	1.180	0.186	1.065	43.920
	Two- and Three-Dimensional Representations	05	001406	3.577	1.195	0.425	0.906	71.540
	Measurements	06	001406	1.749	1.170	0.141	1.084	29.150
	Percents, Proportions, Probability, and Statistics	05	001406	2.385	1.178	0.323	0.969	47.700
	Mathematical Processes and Tools	08	001406	2.914	1.449	0.201	1.295	36.425

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 (Spring 2005) 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	000010	26.100	10.104	0.931	2.654	59.523
	Basic Understanding	08	000010	5.300	1.767	0.619	1.091	66.250
	Literary Elements and Techniques	10	000010	6.000	2.261	0.708	1.222	67.500
	Analysis and Evaluation	14	000010	6.200	3.615	0.895	1.171	57.000
	Revising and Editing	16	000010	8.600	3.596	0.773	1.713	53.750
	ESSAY	04	000010	1.100	0.567	1.000	0.000	N/A
Mathematics	COMPLETE SUBTEST	54	000012	29.750	9.343	0.888	3.127	55.092
	Functional Relationships	05	000012	3.333	1.371	0.539	0.931	66.660
	Properties and Attributes of Functions	05	000012	2.833	0.938	*****	******	56.660
	Linear Functions	05	000012	3.000	1.348	0.561	0.893	60.000
	Linear Equations and Inequalities	05	000012	2.750	1.545	0.642	0.924	55.000
	Quadratic and Other Nonlinear Functions	05	000012	2.833	1.337	0.406	1.030	56.660
	Geometric Relationships and Spatial Reasoning	05	000012	2.750	1.545	0.650	0.914	55.000
	Two- and Three-Dimensional Representations	05	000012	3.917	0.996	0.489	0.712	78.340
	Measurements	06	000012	1.667	1.436	0.537	0.977	27.783
	Percents, Proportions, Probability, and Statistics	05	000012	2.750	1.545	0.686	0.866	55.000
	Mathematical Processes and Tools	08	000012	3.917	1.677	0.429	1.267	48.962

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 10 SDAA (Spring 2005) White Only

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	001253	24.711	9.115	0.897	2.925	55.673
	Basic Understanding	08	001253	5.151	1.891	0.608	1.184	64.387
	Literary Elements and Techniques	10	001253	5.201	2.496	0.733	1.290	57.875
	Analysis and Evaluation	14	001253	6.364	2.928	0.732	1.516	56.070
	Revising and Editing	16	001253	7.995	3.582	0.755	1.773	49.968
	ESSAY	04	001253	1.235	0.619	0.796	0.280	N/A
Mathematics	COMPLETE SUBTEST	54	001194	26.508	8.465	0.844	3.343	49.088
	Functional Relationships	05	001194	2.703	1.344	0.423	1.021	54.060
	Properties and Attributes of Functions	05	001194	2.492	1.363	0.422	1.036	49.840
	Linear Functions	05	001194	2.326	1.270	0.350	1.024	46.520
	Linear Equations and Inequalities	05	001194	2.563	1.306	0.412	1.001	51.260
	Quadratic and Other Nonlinear Functions	05	001194	2.389	1.421	0.481	1.024	47.780
	Geometric Relationships and Spatial Reasoning	05	001194	2.249	1.204	0.220	1.063	44.980
	Two- and Three-Dimensional Representations	05	001194	3.668	1.197	0.459	0.880	73.360
	Measurements	06	001194	2.062	1.303	0.274	1.110	34.366
	Percents, Proportions, Probability, and Statistics	05	001194	2.743	1.275	0.419	0.972	54.860
	Mathematical Processes and Tools	08	001194	3.315	1.602	0.342	1.299	41.437

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 (Spring 2005) Level I

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	002914	20.291	7.787	0.852	2.996	46.335
	Basic Understanding	08	002914	4.438	1.811	0.523	1.251	55.475
	Literary Elements and Techniques	10	002914	4.111	2.215	0.637	1.335	46.875
	Analysis and Evaluation	14	002914	5.122	2.600	0.651	1.536	46.520
	Revising and Editing	16	002914	6.620	3.195	0.687	1.787	41.375
	ESSAY	04	002914	0.940	0.424	0.725	0.222	N/A
Mathematics	COMPLETE SUBTEST	54	000967	15.548	2.932	*****	******	28.792
	Functional Relationships	05	000967	1.503	0.953	*****	******	30.060
	Properties and Attributes of Functions	05	000967	1.313	0.956	*****	******	26.260
	Linear Functions	05	000967	1.367	0.974	0.037	0.956	27.340
	Linear Equations and Inequalities	05	000967	1.400	1.005	0.069	0.970	28.000
	Quadratic and Other Nonlinear Functions	05	000967	1.324	0.999	0.043	0.977	26.480
	Geometric Relationships and Spatial Reasoning	05	000967	1.375	0.940	*****	******	27.500
	Two- and Three-Dimensional Representations	05	000967	2.456	1.212	0.247	1.052	49.120
	Measurements	06	000967	1.222	1.003	0.058	0.973	20.366
	Percents, Proportions, Probability, and Statistics	05	000967	1.589	0.940	0.011	0.935	31.780
	Mathematical Processes and Tools	08	000967	1.998	1.187	*****	******	24.975

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 10 SDAA (Spring 2005) Level II

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	000558	31.844	5.145	0.688	2.874	70.378
	Basic Understanding	08	000558	6.274	1.211	0.209	1.077	78.425
	Literary Elements and Techniques	10	000558	6.833	1.724	0.454	1.274	74.262
	Analysis and Evaluation	14	000558	8.446	2.090	0.476	1.513	70.540
	Revising and Editing	16	000558	10.290	2.582	0.531	1.768	64.312
	ESSAY	04	000558	2.059	0.237	0.170	0.216	N/A
Mathematics	COMPLETE SUBTEST	54	002201	27.546	5.249	0.576	3.418	51.011
	Functional Relationships	05	002201	2.844	1.176	0.195	1.055	56.880
	Properties and Attributes of Functions	05	002201	2.619	1.160	0.102	1.099	52.380
	Linear Functions	05	002201	2.453	1.144	0.171	1.042	49.060
	Linear Equations and Inequalities	05	002201	2.613	1.135	0.157	1.042	52.260
	Quadratic and Other Nonlinear Functions	05	002201	2.647	1.353	0.404	1.045	52.940
	Geometric Relationships and Spatial Reasoning	05	002201	2.414	1.102	0.018	1.092	48.280
	Two- and Three-Dimensional Representations	05	002201	3.907	0.946	0.171	0.861	78.140
	Measurements	06	002201	1.985	1.153	0.043	1.128	33.083
	Percents, Proportions, Probability, and Statistics	05	002201	2.742	1.100	0.182	0.995	54.840
	Mathematical Processes and Tools	08	002201	3.321	1.376	0.065	1.331	41.512

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 10 SDAA (Spring 2005) Level III

Subject	Test Objective	K[1]	N	Mean	SD	Alpha[2]	SEM	Mean[3] P-Value
ELA	MULTIPLE-CHOICE/SHORT-ANSWER ITEMS	48	000016	39.188	4.355	0.691	2.421	83.630
	Basic Understanding	08	000016	7.063	1.124	0.447	0.836	88.287
	Literary Elements and Techniques	10	000016	8.563	1.711	0.700	0.937	89.850
	Analysis and Evaluation	14	000016	11.063	1.982	0.544	1.338	83.750
	Revising and Editing	16	000016	12.500	1.673	0.192	1.504	78.125
	ESSAY	04	000016	3.188	0.404	0.413	0.310	N/A
Mathematics	COMPLETE SUBTEST	54	000139	42.669	2.354	*****	******	79.016
	Functional Relationships	05	000139	4.532	0.640	*****	******	90.640
	Properties and Attributes of Functions	05	000139	4.187	0.812	0.034	0.798	83.740
	Linear Functions	05	000139	3.820	0.836	*****	******	76.400
	Linear Equations and Inequalities	05	000139	4.194	0.815	0.105	0.771	83.880
	Quadratic and Other Nonlinear Functions	05	000139	4.209	0.966	0.390	0.754	84.180
	Geometric Relationships and Spatial Reasoning	05	000139	3.640	1.007	0.148	0.929	72.800
	Two- and Three-Dimensional Representations	05	000139	4.626	0.555	*****	******	92.520
	Measurements	06	000139	3.835	1.040	*****	******	63.916
	Percents, Proportions, Probability, and Statistics	05	000139	4.309	0.731	0.033	0.719	86.180
	Mathematical Processes and Tools	08	000139	5.317	1.302	0.128	1.216	66.462

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