Technical Report for the California English Language Development Test (CELDT)

2002-2003 Form B

Submitted to the California Department of Education on December 10, 2003

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Overview

As stated in California Assembly Bill 748 (Statutes of 1997), the Superintendent of Public Instruction was required to select or develop a test that assesses the English language development of pupils whose primary language is a language other than English. Subsequently, California Senate Bill 638 (Statutes of 1999) required school districts to assess the English language development of all English Learners. The California English Language Development Test (CELDT) was the test designed to fulfill these requirements. As stated in the California Education Code, Section 60810(d), "The test shall be used for the following purposes: (1) To identify pupils who are limited English proficient. (2) To determine the level of English language proficiency of pupils who are limited English proficient. (3) To assess the progress of limited-English-proficient pupils in acquiring the skills of listening, reading, speaking, and writing in English."

Responding to these requirements, the California Department of Education, with the approval of the Superintendent of Public Instruction and the State Board of Education, developed the California English Language Development Test (CELDT). The test assesses English Learners in the skill areas of Listening/Speaking, Reading, and Writing. The test is administered to four separate grade span levels (K-2, 3-5, 6-8, and 9-12).

For the 2002 administration, Form B was used for both initial identification and annual assessment and was designed for use with the four grade span levels listed above. The layouts of the test books varied somewhat by grade span, with each grade span containing between five and six operational test booklets. Each booklet contained the operational test, plus additional field test items for either Reading or Writing (with the exception of the Kindergarten/Grade 1 book). An important component of the Form B series was a Stop Study which examined a change to the format of the Reading test.

For the 2002 Operational Test, students were scored in the skill areas of Listening/Speaking, Reading, and Writing. Additionally, students were also given an overall score. The Listening/Speaking portion of the test was double-weighted and was individually administered to each student, while the Reading and Writing portions of the test were single-weighted and given in group administrations.

This document provides technical details on the Operational Test for 2002 only. As such, it is an extension of the 2000-2001 Technical Report. For information regarding the 2000 Field Test or the 2001 Operational Test, refer to the *Technical Report for the California English Language Development Test (CELDT) 2000 – 2001*, published in 2002.

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California English Language Development Test, Form B

Test Development and Structure

Each booklet in the Form B series contained the three skill areas of Listening/Speaking, Reading, and Writing. However, the layout of the booklets varied, with every booklet in the series containing the operational test for the given grade span, and most also contain embedded field test items for the Reading and/or Writing subject areas. Also, the number of operational items in the Reading subject area was reduced from 45 in Form A to 35 in Form B. For detail on the number of questions in each operational test and field test item section, please see Table 1 "CELDT Form B Test Structure."

For Grade Span 1 (Kindergarten-grade 2), there were a total of five distinct booklets. There was one booklet for Kindergarten and grade 1, consisting only of the Listening/Speaking test. Kindergartners and first graders are not currently administered the Reading or Writing portions of the CELDT, and their overall scores are based solely on the results of their Listening/Speaking test. (Please see Table 2, 2002 Operational Test Administration Structure, for more detail.) There were four booklets for grade 2 students, each containing the same operational Listening/Speaking, Reading, and Writing items, with embedded field test items for both Reading and Writing varying by booklet. In other words, each of the four booklets (B1-B4) carried different field test items, but shared the same operational items.

Grade Spans 2, 3, and 4 (for grades 3-5, 6-8, and 9-12, respectively) each had parallel booklet layouts. Each grade span had six booklets, called B1, B2, B3, B4, B5, and B6. Within each grade span, one set of operational items was used across all six booklets. In addition to the operational items, each booklet contained field test items for Reading or Writing. Booklets B1, B2, B3, and B4 contained Writing field test items, with each booklet carrying different field test items (with the exception of two items[1]). Booklets B5 and B6 contained identical Reading field test items but with different formats. This difference in format was the basis of the Reading Stop Study, which was a part of this administration. For more information on the Stop Study, please see "Reading Stop Study," on page 14 of this document.

In summary, the Form B layout was as follows:

Grade Span 1:

Kindergarten and Grade 1:

- One booklet (B) containing only Listening/Speaking operational items.

Grade 2:

- Four booklets (B1-B4) containing one set of operational items for all skill areas, and different embedded field test items for both Reading and Writing.

Grade Spans 2, 3, and 4:

For each Grade Span:

- Six booklets (B1-B6) containing one set of operational items for all skill areas

[1] Writing B1 Item 33 is the same item as B2 Item 33, and B3 Item 33 is the same as B4 Item 33.

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- Four booklets (B1-B4) containing different Writing field test items, and NO Reading field test items.
- Two booklets (B5-B6) containing identical Reading items in different formats, and NO Writing field test items

Each individual question in each skill area had a set number of obtainable score points. For most questions, either 0 or 1 score point could be obtained on the question. For some questions, the number of score points were higher; in such cases the scoring was based on a scoring rubric. This was the case for the *constructed response–Writing Sentence*s questions in Writing with four score points (0, 1, 2, or 3); for the *constructed response–Short Composition* question in Writing with six score points (0, 1, 2, 3, 4, or 5); and for the *constructed response–Story Retelling* question in Listening/Speaking with six score points (0, 1, 2, 3, 4, or 5). In the case of the Story Retelling question the score was weighted at five times its rubric score, giving up to 25 score points. For each section the points achieved on each question were then summed to provide a total raw score. The total raw score had a particular scale score associated with it, based on the raw score and the item parameters.

For Listening/Speaking on the 2002 Operational CELDT, at each grade span, there were 45 dichotomous items with two score points (0 or 1), and the Story Retelling question with six score points (0 – 5), which was weighted at five times that value (for a total of 0-25 raw points). In sum the Listening/Speaking section of the test had up to 70 (45x1 + 1x5x5) raw score points.

For Reading on the 2002 Operational CELDT, at each grade span, there were 35 dichotomous items with two score points (0 or 1). In sum the Reading section of the test had up to 35 (35x1) raw score points.

For Writing on the 2002 Operational CELDT, at each grade span, there were 18 dichotomous items with two score points (0 or 1), four short answer questions with four score points (0, 1, 2, or 3), and one extended writing question with six score points (0, 1, 2, 3, 4, or 5). In sum the Writing section of the test had up to 35 (18x1 + 4x3 + 1x5) raw score points.

For more detail on the structure of the Form B test, including the types of items and the distribution of field test items, please see Table 1.

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Table 1 CELDT Form B Test Structure

Operational Form B **without** Field Test Items For Grades K & 1					
Grade Span	**Test Materials**	**Content of Materials (per Form)** Items are not listed in order			
		Skill Area	**No. of Operational Items**	**Item Type***	**No. of Field Test Items**
K-1 1 form	1scannable test book	Listening/Speaking	35	DCR	0
			10	MC	
			1	CR	
Operational Form B with Embedded **Reading** and **Writing** Field Test Items					
Grade Span	**Test Materials**	**Content of Materials (per Form)** Items are not listed in order			
		Skill Area	**No. of Operational Items**	**Item Type***	**No. of Field Test Items**
Grade 2 4 forms (B1-B4)	4 scannable test books	Listening/Speaking	35	DCR	0
			10	MC	
			1	CR	
		Reading	35	MC	4
		Writing	18	MC	7
			4	SA-CR	2
			1	EW-CR	1
Operational Form B with Embedded **Writing** Field Test Items					
Grade Span	**Test Materials**	**Content of Materials (per Form)** Items are not listed in order			
		Skill Area	**No. of Operational Items**	**Item Type***	**No. of Field Test Items**
3-5 4 forms (B1-B4)	4 nonscannable test books	Listening/Speaking	35	DCR	0
			10	MC	
			1	CR	
		Reading	35	MC	0
		Writing	18	MC	7
			4	SA-CR	2
			1	EW-CR	1
6-8 4 forms (B1-B4)	4 nonscannable test books	Listening/Speaking	35	DCR	0
			10	MC	
			1	CR	
		Reading	35	MC	0
		Writing	18	MC	7
			4	SA-CR	2
			1	EW-CR	1
9-12 4 forms (B1-B4)	4 nonscannable test books	Listening/Speaking	35	DCR	0
			10	MC	
			1	CR	
		Reading	35	MC	0
		Writing	18	MC	7
			4	SA-CR	2
			1	EW-CR	1

MC = Multiple Choice
DCR = Dichotomous Constructed Response
CR = Constructed Response
SA-CR = Short Answer – Constructed Response
EW-CR = Extended Writing – Constructed Response

(table continued, next page)

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Table 1 CELDT Form B Test Structure (continued)

Operational Form B with Embedded **Reading** Field Test Items					
Grade Span	**Test Materials**	**Content of Materials (per Form)** Items are not listed in order			
		Skill Area	**No. of Operational Items**	**Item Type***	**No. of Field Test Items**
3-5 2 forms (B5-B6)	2 nonscannable test books	Listening/Speaking	35 10 1	DCR MC CR	0
		Reading	35	MC	16
		Writing	18 4 1	MC SA-CR EW-CR	0
6-8 2 forms (B5-B6)	2 nonscannable test books	Listening/Speaking	35 10 1	DCR MC CR	0
		Reading	35	MC	16
		Writing	18 4 1	MC SA-CR EW-CR	0
9-12 2 forms (B5-B6)	2 nonscannable test books	Listening/Speaking	35 10 1	DCR MC CR	0
		Reading	35	MC	16
		Writing	18 4 1	MC SA-CR EW-CR	0

MC = Multiple Choice
DCR = Dichotomous Constructed Response
CR = Constructed Response
SA-CR = Short Answer – Constructed Response
EW-CR = Extended Writing – Constructed Response

Table 2 2002 Operational Test Administration Structure

Subject	**Grade Span**				
	GS 1 : K and 1	GS 1 : 2	GS 2 : 3 – 5	GS 3 : 6 – 8	GS 4 : 9 – 12
Listening/Speaking	✓	✓	✓	✓	✓
Reading	Not Tested	✓	✓	✓	✓
Writing	Not Tested	✓	✓	✓	✓

✓ = Subject Area Administered

Proficiency Levels

Cutscores and Proficiency Level Descriptions remained the same as in the 2001-2002 Operational Test administration. Cutscore information may be found in Table 3 and Proficiency Level Descriptions may be found in Table 4.

For more information on the development of the Cutscores and Proficiency Level Descriptions, please refer to the *Technical Report for the California English Language Development Test (CELDT) 2000 – 2001*, published in 2002.

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Table 3 CELDT Cutscores

Listening & Speaking

Test Grade Span		Early Int. Cut	Int. Cut	Early Adv. Cut	Adv. Cut
	K	410	458	506	554
K-2	**1**	424	471	517	564
	2	454	495	536	577
3-5		438	482	526	569
6-8		438	482	526	569
9-12		438	482	526	569

Reading

Test Grade Span	Early Int. Cut	Int. Cut	Early Adv. Cut	Adv. Cut
2	438	475	511	548
3-5	466	499	533	566
6-8	466	499	533	566
9-12	466	499	533	566

Writing

Test Grade Span	Early Int. Cut	Int. Cut	Early Adv. Cut	Adv. Cut
2	424	469	514	559
3-5	445	488	530	573
6-8	445	488	530	573
9-12	445	488	530	573

Overall

Test Grade Span		Early Int. Cut	Int. Cut	Early Adv. Cut	Adv. Cut
	K	410	458	506	554
K-2	**1**	424	471	517	564
	2	443	483	524	565
3-5		447	488	529	569
6-8		447	488	529	569
9-12		447	488	529	569

Table 4 CELDT Proficiency Level Descriptions

Proficiency Level	Description
Advanced	Students performing at this level of English language proficiency communicate effectively with various audiences on a wide range of familiar and new topics to meet social and academic demands. In order to attain the English proficiency level of their native English-speaking peers, further linguistic enhancement and refinement are necessary.
Early Advanced	Students performing at this level of English language proficiency begin to combine the elements of the English language in complex, cognitively demanding situations and are able to use English as a means for learning in other academic areas.
Intermediate	Students performing at this level of English language proficiency begin to tailor the English language skills they have been taught to meet their immediate communication and learning needs.
Early Intermediate	Students performing at this level of English language proficiency start to respond with increasing ease to more varied communication tasks.
Beginning	Students performing at this level of English language proficiency may demonstrate little or no receptive or productive English skills. They may be able to respond to some communication tasks.

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Administration of Form B

2002-2003 Operational Test Summary Statistics

Tables 5 through 8, on the following pages, show the 2002 Operational Test scale score summary statistics. These statistics are based on the General Research Tape (GRT) data.[2] Data noted "annual" were collected from the 2002 CELDT Annual Administration, which occurred between July 1st and October 31st of 2002. Data noted "initial" were collected from students whose home language was a language other than English, who had never taken the CELDT, and who took the test for purposes of Initial Identification between July 1, 2002 and June 30, 2003. Students who took the CELDT for purposes of Initial Identification after July 1st, 2002 did not re-take the test during the 2002 Annual Administration.

Frequency distributions were run on the scale scores for annual and initial identification data for Listening/Speaking, Reading, and Writing for each of the four grade spans. These frequency distributions are located in Appendix A.

[2] The GRT data includes all Form B data received at CTB prior to July 15, 2003 (testing completed prior to June 30, 2003), without exclusions. The GRT is a type of data file which contains full item response arrays.

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Table 5 2002 Summary Statistics by Grade, Annual Data

		Listening/Speaking		Reading		Writing		Overall	
Grade	**N**	**Mean**	**Standard Deviation**	**Mean**	**Standard Deviation**	**Mean**	**Standard Deviation**	**Mean**	**Standard Deviation**
K	8,135	446.24	76.86	NA	NA	NA	NA	446.24	76.86
1	160,579	491.78	57.69	NA	NA	NA	NA	491.78	57.69
2	160,257	518.59	64.91	450.38	49.60	468.63	57.94	488.67	47.83
3	160,107	500.30	67.99	469.52	50.01	483.81	57.08	488.11	50.70
4	147,640	515.68	73.25	496.10	51.42	506.53	54.74	508.12	51.98
5	125,227	524.02	78.71	510.74	52.69	517.74	54.38	518.76	54.17
6	112,594	517.05	70.59	507.98	51.76	510.99	50.52	512.90	50.46
7	98,844	517.40	78.92	520.01	53.64	516.46	53.66	517.44	54.16
8	84,780	519.05	82.36	528.54	54.56	520.13	55.12	521.32	56.35
9	76,959	509.06	75.86	531.64	52.49	512.80	55.49	515.26	52.94
10	67,284	505.44	84.97	538.82	55.29	515.10	56.74	515.82	56.49
11	54,396	506.72	87.75	546.20	56.49	518.84	56.71	519.23	56.92
12	40,633	508.42	93.56	552.95	57.73	522.76	57.06	522.75	59.79

Table 6 2002 Summary Statistics by Grade Span, Annual Data

		Listening/Speaking		Reading		Writing		Overall	
Grade Span	**N**	**Mean**	**Standard Deviation**	**Mean**	**Standard Deviation**	**Mean**	**Standard Deviation**	**Mean**	**Standard Deviation**
1: Grades K-2	328,971 *	503.72	63.89	450.38	49.60	468.63	57.94	489.14	54.17
2: Grades 3-5	432,974	512.40	73.67	490.51	54.05	501.37	57.29	503.80	53.69
3: Grades 6-8	296,218	517.74	76.91	517.88	53.87	515.43	53.06	516.82	53.55
4: Grades 9 -12	239,272	507.40	84.38	540.59	55.65	516.51	56.51	517.59	56.13

* N-count for Grade Span 1 is 328,971 overall, but for Reading and Writing includes only Grade 2 data, for which the N-count is 160,257

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Table 7 2002 Summary Statistics by Grade, Initial Data

		Listening/Speaking		Reading		Writing		Overall	
Grade	**N**	**Mean**	**Standard Deviation**	**Mean**	**Standard Deviation**	**Mean**	**Standard Deviation**	**Mean**	**Standard Deviation**
K	219,130	433.23	97.33	NA	NA	NA	NA	433.23	97.33
1	41,972	463.44	112.64	NA	NA	NA	NA	463.44	112.64
2	26,459	477.18	132.08	431.82	68.49	429.35	96.79	453.56	99.55
3	24,595	451.02	130.66	444.19	73.76	437.63	102.49	445.66	103.37
4	22,931	463.35	138.24	465.32	81.22	457.69	107.09	462.11	110.01
5	21,019	467.89	143.37	478.41	86.90	468.36	110.84	470.33	114.73
6	20,931	473.86	134.20	484.54	87.59	471.24	105.15	475.55	109.59
7	21,718	468.33	141.58	490.62	92.17	472.48	108.08	474.62	114.48
8	17,030	468.75	141.26	496.12	92.65	475.32	107.37	476.90	113.74
9	31,235	458.25	132.08	497.37	94.54	468.89	108.60	470.37	111.21
10	17,303	467.33	123.75	511.05	87.19	481.94	98.08	481.57	100.73
11	12,023	490.72	114.80	530.93	80.79	501.44	88.90	503.09	91.85
12	7,146	500.68	107.72	539.46	77.77	508.22	84.21	511.89	85.42

Table 8 2002 Summary Statistics by Grade Span, Initial Data

		Listening/Speaking		Reading		Writing		Overall	
Grade Span	**N**	**Mean**	**Standard Deviation**	**Mean**	**Standard Deviation**	**Mean**	**Standard Deviation**	**Mean**	**Standard Deviation**
1: Grades K-2	287,561*	441.68	104.48	431.82	68.49	429.35	96.79	439.51	100.57
2: Grades 3-5	68,545	460.32	137.38	461.75	81.70	453.76	107.41	458.73	109.66
3: Grades 6-8	59,679	470.39	138.96	490.05	90.85	472.86	106.87	475.59	112.58
4: Grades 9 -12	67,707	470.82	125.57	511.27	90.03	482.16	101.34	483.43	103.93

* N-count for Grade Span 1 is 287,561 overall, but for Reading and Writing includes only Grade 2 data, for which the N-count is 26,459.

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Reliabilities for each test are noted in Table 9, below, followed by standard errors of measurement for each skill area and overall, in Table 10.

Table 9 2002 Operational Test Reliabilities

Subject	Number of Items	Grade Span K-2	3-5	6-8	9-12
Listening/Speaking	46	0.72	0.66	0.68	0.70
Reading	35	0.88	0.90	0.85	0.89
Writing	23	0.87	0.88	0.85	0.84

Based on Cronbach's Alpha

Table 10 2002 Operational Test Standard Errors of Measurement by Skill Area

Grade Span	Standard Error of Measurement in Scale Score Units: Listening/Speaking	Reading	Writing	Overall
Grades K-1	33.81	N/A	N/A	33.81
Grade 2	33.81	17.18	20.89	27.47
Grades 3-5	42.96	17.09	19.85	33.08
Grades 6-8	43.51	20.86	20.55	34.07
Grades 9-12	46.22	18.46	22.60	35.79

Standard Errors of Measurement for each skill area calculated according to the formula: $SEM = SD\sqrt{1-\alpha}$, where *SD* represents the standard deviation and α represents the test reliability. Overall Standard Error of Measurement calculated according to the formula:

$$SEM_{all} = \sqrt{\frac{2(SEM_{LS}{}^2) + SEM_{RD}{}^2 + SEM_{WT}{}^2}{4}}$$

Test Population

The 2002-2003 Operational test was administered to all students in the state of California whose home language was a language other than English. In total, 1,780,927 students participated in this administration. Of these, 1,297,435 took the test as part of the annual administration, and 483,492 took the test for purposes of initial identification.

Item Analysis

An analysis of the statistics for each of the 184 Operational Listening/Speaking, 140 Operational Reading, and 92 Operational Writing items was conducted (numbers given are for all items across all grade spans). In addition, the 64 field tested Reading items and 152 field tested Writing items were studied. The results of both the Operational and Field Test Item Analyses are located in Appendix B.

An analysis of the Operational Test item p-values was conducted, as well. The differences in p-values for the Annual Administration data minus the Initial Identification data are located in Appendix C.

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Item Response Theory Analyses

Calibration and scaling of the 2002 Operational Test data was accomplished using the PARDUX and FLUX computer programs. This proprietary software, developed at CTB/McGraw-Hill, enabled scaling and linking of complex assessment data such as that produced for the CELDT.

Because the characteristics of selected response and constructed response items are different, two item response theory models were used in the analysis of the data. The three-parameter logistic model (Lord & Novick, 1968; Lord, 1980) was used in the analysis of selected response (multiple choice) items. In this model, the probability that a student with scale score θ responds correctly to item i is

$$P_i(\theta) = c_i + \frac{1 - c_i}{1 + \exp[-1.7a_i(\theta - b_i)]}$$

where a_i is the item discrimination, b_i is the item difficulty, and c_i is the probability of a correct response by a very low-scoring student.

For analysis of the constructed response items in the CELDT, the two-parameter partial credit model (Muraki, 1992; Yen, 1993) was used. The 2PPC model is a special case of Bock's (1972) nominal model. Bock's model states that the probability of an examinee with ability θ having a score at the k-th level of the j-th item is

$$P_{jk}(\theta) = P(x_j = k-1|\theta) = \frac{\exp Z_{jk}}{\sum_{i=1}^{m_j} \exp Z_{ji}}, \qquad k = 1,\ldots m_j,$$

where

$$Z_{jk} = A_{jk}\theta + C_{jk}.$$

For the special case of the 2PPC model used here, the following constraints were used:

$$A_{jk} = \alpha_j(k-1),$$

and

$$C_{jk} = -\sum_{i=0}^{k-1} \gamma_{ji}, \text{ where } \gamma_{j0} = 0,$$

where α_j and γ_{ji} are parameters freely estimated from the data. The first constraint implies that higher item scores reflect higher ability levels and that items can vary in their discriminations. The 2PPC model estimates a total of m_j independent item parameters; for each item there are $m_j - 1$ independent γ_{ji} parameters and one α_j parameter.

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Goodness-of-Fit

Goodness-of-fit statistics were computed for each item to examine how closely the item's data conform to the item response models. A procedure described by Yen (1981) was used to measure fit. In this procedure, students are rank ordered on the basis of their $\hat{\theta}$ values and sorted into ten cells with ten percent of the sample in each cell. Each item *j* in each decile *i* has a response from N_{ij} examinees. The fitted IRT models are used to calculate an expected proportion E_{ijk} of examinees who respond to item *j* in category *k*. The observed proportion O_{ijk} is also tabulated for each decile, and the approximate chi-square statistic

$$Q_{1j} = \sum_{i=1}^{10} \sum_{k=1}^{m_j} \frac{N_{ij}(O_{ijk} - E_{ijk})^2}{E_{ijk}},$$

Q_{1j} should be approximately chi-square distributed with degrees of freedom (*DF*) equal to the number of "independent" cells, 10(m_j-1), minus the number of estimated parameters. The number of score levels for an item *j* are represented by m_j, so for the 3PL model m_j =2, and $DF = 10(2-1) - 3 = 7$. For the 2PPC model, $DF = 10(m_j - 1) - m_j = 9m_j - 10$. Since *DF* differs between multiple choice and performance assessment (PA) items and between PA items with different score levels m_j, Q_{1j} is transformed, yielding the test statistic

$$Z_j = \frac{Q_{1j} - DF}{\sqrt{2DF}}.$$

This statistic is useful for flagging items that fit relatively poorly. Z_j is sensitive to sample size, and cutoff values for flagging an item based on Z_j have been developed and were used to identify items for the item review. The cut-off value is (N/1500 x 4) for a given test, where N is the sample size.

Model fit information is obtained from the Z-statistic. The Z-statistic is a transformation of the chi-square (Q1) statistic that takes into account differing numbers of score levels as well as sample size:

$$Z_j = \frac{(Q_{1j} - DF)}{\sqrt{2DF}}, \text{ where } j = \text{item } j.$$

The Z statistic is an index of the degree to which obtained proportions of students with each item score are close to the proportions that would be predicted by the estimated thetas and item parameters. These values are computed for ten intervals corresponding to deciles of the theta distribution (Burket, 1991). The Z statistic is used to characterize item fit. The critical value of Z is different for each grade or grade span because it is dependent on sample size.

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Reading Stop Study

As requested by the California Department of Education, CTB examined various possibilities for re-designing the CELDT Reading test layout of sample items and stop points. The goal of the re-design was to make the test more efficient and faster to administer, without damaging its validity. Due to the constraint of spiraling multiple forms for the Form B series, CTB proposed two separate studies for a successful re-design of the test. The first stage of the study, a local pilot test, was conducted early in 2002, and consisted of classroom observation of the newly formatted Reading test being administered. As the local pilot test indicated that the new format did not cause significant confusion to the students, the 2002 Form B administration was used to carry out the second stage of the study.

For the second stage of the Stop Study, Forms B5 and B6 were administered to districts in Ventura County during the 2002 Annual Administration window. Form B5 served as a control for the Stop Study, and contained samples and "stops" in the same relative locations as in the 2001 Administration. Form B6 tested the new format, with fewer samples and stops.

Research examined the item parameters resulting from the Stop Study. Differences between the B5 and B6 parameters determined how districts participating in the Stop Study were scored, and those districts were made aware that production of their score reports would take longer than for other districts, due to the separate calibrations required by the study. See Appendix E for differences in item parameters between Forms B5 and B6.

The following were specifications for the Stop Study:

- Grade Spans: 3-5, 6-8, 9-12
- Districts to participate: All in Ventura Country
- Form B-5 comprises:
  2002 Operational Listening/Speaking test
  2002 Operational Writing test (no field test items)
  2002 Operational Reading test plus field test items; old format
- Form B-6 comprises:
  2002 Operational Listening/Speaking test
  2002 Operational Writing test (no field test items)
  2002 Operational Reading test plus field test items; new format with fewer samples and stops

Results supported the inferences from the pilot study and the more limited stop and practice item design was judged suitable for Form C.

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Listening/Speaking Exemption and Its Impact on Data

Pursuant to the specifications given by the State Board of Education, students who had reached the Early Advanced or Advanced levels in the Listening/Speaking skill area in the 2001-2002 CELDT administration were not required to retake that skill area in the 2002-2003 administration, provided they were within the same grade span. By CDE's request, scores reported by the schools were checked to be within the range of possible scores. Some reported scores, though within the range, did not correlate with the scoring table for the year in question; it should be noted that this did not invalidate the category to which the student was assigned, and was due to errors, probably in transcription, on the part of the schools or districts. The aforementioned transcription errors are apparent in the Scale Score Frequency Distribution tables found in Appendix A, where they are found as Scale Scores with very low frequency in the Listening/Speaking and Overall tables.

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Growth

The CELDT scale was established using data from the initial field test conducted in the fall of 2000. The sample for this field test was supplied on a volunteer basis by various school systems in the state. Parameters resulting from the field test were used for Form A in 2001-2002. For Form B, the test was calibrated with data from the 2001-2002 operational test, with item parameters placed on the original scale in order to preserve the validity of the cut points that had been established by standard setting committees in the spring of 2001 using the fall 2000 field test data.

The intent of the initial scaling was to provide scales for each of the four grade spans of the test roughly equivalent in meaning, allowing for the differences in developmental status among the students in the various grades. The scale is not, and was not intended to be, a vertical scale of the sort one finds in norm-referenced achievement batteries. Students who are beginners with respect to English language skills are expected to have low scores regardless of grade, and students who are fluent are expected to have high scores, also regardless of grade. A vertical scale might have made academic achievement, not English Language proficiency, the dominant variable. In turn, this could have led to very odd results, given the variability in English language proficiency found within the target population. The differences between the tests at the different grade spans are the age/grade appropriateness of the test material. Thus, kindergarten students are not presented with materials suitable for high school students, and high school students are not presented with materials suitable for kindergarten students

Because of this design, the scale scores within one grade span were meant to look much like those within another grade span, and generally do. Consequently, the cut points were set at the same scale score points in the upper three levels. In the K–2 grade span, different cut points were used, reflecting both the very rapid rate of development in these years and the addition of reading and writing tests at Grade 2.

Generally speaking, two types of growth can be expected to contribute to improvements in the score of an individual student. First, there is generally some growth associated with increasing age, which corresponds with increases in general cognitive skills and specific knowledge. Such an increase could affect a student's performance regardless of exposure to English. Secondly, it is to be expected that a student's score will improve with increased exposure to English. Basically, the test is designed to measure this second type of growth.

If one tracks a cohort of students over two years within a grade span, growth should appear because of their increases in both maturity and English proficiency. The two elements of growth go in the same direction. However, for students being tested the second year with the test for a higher grade span, the two elements work in opposite directions, and the growth in score between grade spans is reduced. However, because of the effect of these two elements on score, the evidence of growth is hard to analyze.

Changes in mean scale scores are shown in Table 10 for students tracked from 2001 to 2002.

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Table 11 CELDT Cohort Scale Score Differences, 2002 – 2001

Grade	L/S	Reading	Writing	Total
K				
1	78			78
2	53			24
3	1	27	28	14
4	47	34	31	39
5	48	29	26	37
6	26	11	7	17
7	37	26	16	27
8	39	24	17	30
9	18	17	6	14
10	23	25	16	23
11	17	22	13	18
12	9	18	10	12

* CDE data - Email Dated February 20, 2003, "CELDT March SBE Item."

Table 12 Percent of Students Scoring Under Early Advanced Cut in 2001, Moving Above Early Advanced Cut in 2002.

Grade	L/S	Reading	Writing	Total
K				
1	27			27
2	30			16
3	23	4	9	13
4	37	15	24	30
5	43	22	29	38
6	32	21	23	26
7	39	27	28	35
8	41	30	29	37
9	34	32	25	29
10	33	33	24	30
11	33	37	24	31
12	33	38	25	32

* CTB Data from 2002 GRT
* Exclusion logic removed cases that had other than 1 grade difference between 2001 and 2002, Listening/Speaking exemption codes 1 and 2, and cases without scores for 2001 and 2002.

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Table 13 Percent of Students Scoring Under Early Intermediate Cut in 2001, Moving Above Early Intermediate Cut in 2002

Grade	L/S	Reading	Writing	Total
K				
1	27			27
2	70			58
3	63	30	45	48
4	79	59	67	74
5	77	59	66	71
6	78	54	64	67
7	73	65	64	72
8	69	67	66	70
9	76	71	65	73
10	71	75	67	74
11	76	78	71	78
12	81	75	72	79

* CTB Data from 2002 GRT
* Exclusion logic removed cases that had other than 1 grade difference between 2001 and 2002, Listening/Speaking exemption codes 1 and 2, and cases without scores for 2001 and 2002.

Table 14 Percent of Students Scoring Under Intermediate Cut in 2001, Moving Above Intermediate Cut in 2002

Grade	L/S	Reading	Writing	Total
K				
1	41			41
2	59			39
3	44	15	22	26
4	68	38	45	58
5	71	43	46	61
6	61	34	37	45
7	62	45	42	54
8	57	47	40	51
9	60	47	33	48
10	48	49	36	45
11	51	55	38	48
12	57	56	40	52

* CTB Data from 2002 GRT
* Exclusion logic removed cases that had other than 1 grade difference between 2001 and 2002, Listening/Speaking exemption codes 1 and 2, and cases without scores for 2001 and 2002.

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Table 15 N-Counts of Students Scoring Under Early Advanced Cut in 2001, Moving Above Early Advanced Cut in 2002

Grade	L/S	Reading	Writing	Total
K				
1	29,004/107,031			29,004/107,031
2	30,979/103,870			16,438/99,907
3	24,163/104,741	4,957/118,252	9,693/102,945	14,663/112,337
4	38,260/103,674	16,265/105,843	23,021/95,953	31,577/105,371
5	35,022/81,622	17,861/81,389	20,766/70,749	31,379/82,122
6	21,719/67,141	15,144/71,986	13,691/59,819	17,690/68,595
7	23,703/60,544	14,235/52,225	13,577/48,755	20,312/57,993
8	20,391/50,134	11,483/38,553	11,023/38,609	16,875/45,983
9	12,544/36,587	8,639/26,669	7,461/29,785	9,461/32,703
10	9,862/29,931	6,706/20,064	5,869/24,277	8,259/27,129
11	7,254/22,288	5,116/13,780	4,267/17,643	6,047/19,611
12	5,159/15,517	3,123/8,305	2,942/11,985	4,214/13,296
Total	258,060/783,080	103,529/537,066	112,310/500,520	205,919/772,078

* CTB Data from 2002 GRT
* Exclusion logic removed cases that had other than 1 grade difference between 2001 and 2002, Listening/Speaking exemption codes 1 and 2, and cases without scores for 2001 and 2002.

Table 16 N-Counts of Students Scoring Under Early Intermediate Cut in 2001, Moving Above Early Intermediate Cut in 2002

Grade	L/S	Reading	Writing	Total
K				
1	26,262/31,863			26,262/31,863
2	9,828/14,071			8,121/13,961
3	8,529/13,645	15,708/52,431	12,580/27,942	10,006/20,962
4	13,625/17,181	30,896/52,778	17,727/26,639	17,433/23,565
5	8,501/11,046	16,229/27,317	9,272/14,139	8,914/12,483
6	6,434/8,243	9,049/16,785	5,945/9,342	5,586/8,391
7	4,402/6,018	8,897/13,614	4,327/6,744	5,463/7,629
8	4,161/6,003	6,377/9,519	4,050/6,117	4,659/6,702
9	3,503/4,639	4,001/5,627	2,752/4,251	3,345/4,586
10	3,593/5,023	4,620/6,132	3,430/5,089	4,039/5,447
11	2,450/3,231	2,735/3,489	2,147/3,028	2,613/3,341
12	1,268/1,575	1,306/1,749	1,067/1,475	1,289/1,623
Totals	92,556/122,538	99,818/189,441	63,297/104,766	92,267/140,553

* CTB Data from 2002 GRT
* Exclusion logic removed cases that had other than 1 grade difference between 2001 and 2002, Listening/Speaking exemption codes 1 and 2, and cases without scores for 2001 and 2002.

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Table 17 N-Counts of Students Scoring Under Intermediate Cut in 2001, Moving Above Intermediate Cut in 2002

Grade	L/S	Reading	Writing	Total
K				
1	40,538/66,554			40,538/66,554
2	28,676/48,319			18,386/47,007
3	19,392/43,736	13,596/93,399	13,576/61,551	16,243/61,781
4	41,218/60,362	32,712/85,737	24,667/55,067	39,317/68,148
5	28,537/40,369	23,427/54,012	14,363/31,299	24,755/40,822
6	17,696/29,129	12,864/37,694	7,631/20,699	11,716/26,232
7	14,558/23,520	13,395/29,821	7,254/17,262	12,332/22,950
8	10,873/18,936	9,567/20,552	5,575/13,947	8,776/17,216
9	8,333/13,792	5,809/12,488	3,227/9,929	5,495/11,437
10	5,684/11,796	5,302/10,771	3,728/10,472	4,772/10,728
11	4,615/9,066	3,785/6,848	2,921/7,685	3,662/7,634
12	3,417/6,053	2,050/3,657	1,841/4,634	2,366/4,593
Total	223,537/250,908	122,507/354,979	81,055/232,545	188,358/385,102

* CTB Data from 2002 GRT
* Exclusion logic removed cases that had other than 1 grade difference between 2001 and 2002, Listening/Speaking exemption codes 1 and 2, and cases without scores for 2001 and 2002.

Table 18 Mean CELDT Scale Scores for 2001 and 2002, Matched Cohort Data

	2001	2002	2001	2002	2001	2002	2001	2002
Grade	L/S		Reading		Writing		Total	
K	415	446					415	446
1	467	493					467	493
2	502	522	445		459		477	490
3	469	502	462	471	475	485	469	490
4	477	519	481	495	490	506	481	509
5	494	527	498	509	506	517	498	520
6	482	519	491	509	498	512	488	514
7	481	523	500	517	500	514	491	519
8	495	524	517	525	510	517	505	522
9	475	512	505	533	491	515	487	518
10	480	509	515	531	497	508	493	514
11	487	512	526	537	505	510	501	517
12		516		544		516		522

* CTB Data from 2002 GRT
* Exclusion logic removed cases that had other than 1 grade difference between 2001 and 2002, Listening/Speaking exemption codes 1 and 2, and cases without scores for 2001 and 2002.

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Table 19 CELDT Scale Score Differences, 2002 – 2001

Grade	L/S	Reading	Writing	Total
K	21			21
1	17			17
2	16	4	8	10
3	21	3	4	12
4	25	5	6	15
5	24	3	4	14
6	22	6	3	12
7	22	3	1	12
8	21	1	0	10
9	6	10	6	7
10	2	3	-2	1
11	-1	-1	-5	-3
12	-1	-1	-2	-2

* CTB Data from 2002 GRT
* Exclusion logic removed cases that had other than 1 grade difference between 2001 and 2002, Listening/Speaking exemption codes 1 and 2, and cases without scores for 2001 and 2002.

Table 20 Mean CELDT Scale Scores for 2001 and 2002

	2002	2001	2002	2001	2002	2001	2002	2001
Grade	L/S		Reading		Writing		Total	
K	446	425					446	425
1	493	476					493	476
2	522	506	450	446	468	460	490	480
3	502	481	471	468	486	482	490	478
4	519	494	495	490	506	500	509	494
5	527	503	509	506	517	513	520	506
6	519	497	509	503	512	509	514	502
7	523	501	517	514	514	513	519	507
8	524	503	525	524	517	517	522	512
9	512	506	533	523	515	509	518	511
10	509	507	531	528	508	510	514	513
11	512	513	537	538	510	515	517	520
12	516	517	544	545	516	518	522	524

* CTB Data from 2002 GRT
* Exclusion logic removed cases that had other than 1 grade difference between 2001 and 2002, Listening/Speaking exemption codes 1 and 2, and cases without scores for 2001 and 2002.

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Appendix A Form B Frequency Distributions

CELDT 2002 Annual Data, Scale Score Frequency Distribution
Listening/Speaking, Grade Span 1: Grades K-2

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	6249	1.90	6249	1.90
283	273	0.08	6522	1.98
321	295	0.09	6817	2.07
340	287	0.09	7104	2.16
352	305	0.09	7409	2.25
361	400	0.12	7809	2.37
369	306	0.09	8115	2.47
375	341	0.10	8456	2.57
380	370	0.11	8826	2.68
385	413	0.13	9239	2.81
389	451	0.14	9690	2.95
393	561	0.17	10251	3.12
397	610	0.19	10861	3.30
400	614	0.19	11475	3.49
403	728	0.22	12203	3.71
406	755	0.23	12958	3.94
409	809	0.25	13767	4.18
412	963	0.29	14730	4.48
414	1001	0.30	15731	4.78
417	1033	0.31	16764	5.10
419	1128	0.34	17892	5.44
422	1177	0.36	19069	5.80
424	1293	0.39	20362	6.19
427	1293	0.39	21655	6.58
429	1418	0.43	23073	7.01
432	1584	0.48	24657	7.50
434	1766	0.54	26423	8.03
436	1890	0.57	28313	8.61
439	2035	0.62	30348	9.23
441	2140	0.65	32488	9.88
444	2396	0.73	34884	10.60
446	2620	0.80	37504	11.40
449	2905	0.88	40409	12.28
452	3145	0.96	43554	13.24
455	3421	1.04	46975	14.28
458	4058	1.23	51033	15.51
461	4293	1.30	55326	16.82
464	4890	1.49	60216	18.30
467	5346	1.63	65562	19.93
470	5905	1.79	71467	21.72
474	6598	2.01	78065	23.73
477	7256	2.21	85321	25.94
481	8010	2.43	93331	28.37
485	8885	2.70	102216	31.07
489	9828	2.99	112044	34.06
493	11191	3.40	123235	37.46
497	12253	3.72	135488	41.19
502	13472	4.10	148960	45.28
506	14411	4.38	163371	49.66
510	15564	4.73	178935	54.39
515	16619	5.05	195554	59.44
520	18962	5.76	214516	65.21
522	1	0.00	214517	65.21
523	1	0.00	214518	65.21
525	1729	0.53	216247	65.73
526	17862	5.43	234109	71.16
529	2	0.00	234111	71.16
530	1484	0.45	235595	71.62
533	16449	5.00	252044	76.62
534	1	0.00	252045	76.62
535	1215	0.37	253260	76.99
538	1	0.00	253261	76.99
539	3	0.00	253264	76.99
540	14524	4.41	267788	81.40
541	1076	0.33	268864	81.73
543	1	0.00	268865	81.73
548	12297	3.74	281162	85.47
555	626	0.19	281788	85.66
557	9237	2.81	291025	88.47
562	557	0.17	291582	88.63
565	1	0.00	291583	88.63
567	7660	2.33	299243	90.96
570	1	0.00	299244	90.96
571	476	0.14	299720	91.11
578	6750	2.05	306470	93.16
581	324	0.10	306794	93.26
590	6580	2.00	313374	95.26
593	141	0.04	313515	95.30
599	1	0.00	313516	95.30
604	5517	1.68	319033	96.98
607	58	0.02	319091	97.00
619	3703	1.13	322794	98.12
624	64	0.02	322858	98.14
637	2160	0.66	325018	98.80
647	54	0.02	325072	98.81
650	1	0.00	325073	98.82
656	846	0.26	325919	99.07
677	1	0.00	325920	99.07
680	939	0.29	326859	99.36
681	55	0.02	326914	99.37
686	1	0.00	326915	99.38
697	1	0.00	326916	99.38
710	2055	0.62	328971	100.00

See page 15 of text for information on low frequency scale scores.

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CELDT 2002 Annual Data
Scale Score Frequency Distribution
Reading, Grade Span 1: Grade 2

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
340	9170	5.72	9170	5.72
365	3775	2.36	12945	8.08
384	4817	3.01	17762	11.08
397	6071	3.79	23833	14.87
408	6844	4.27	30677	19.14
417	7452	4.65	38129	23.79
425	7689	4.80	45818	28.59
431	7348	4.59	53166	33.18
437	7425	4.63	60591	37.81
442	7079	4.42	67670	42.23
446	6771	4.23	74441	46.45
451	6395	3.99	80836	50.44
455	6220	3.88	87056	54.32
459	5945	3.71	93001	58.03
464	6161	3.84	99162	61.88
468	5950	3.71	105112	65.59
473	6091	3.80	111203	69.39
477	6138	3.83	117341	73.22
482	6263	3.91	123604	77.13
488	6092	3.80	129696	80.93
494	6207	3.87	135903	84.80
501	5982	3.73	141885	88.54
509	5667	3.54	147552	92.07
519	4893	3.05	152445	95.13
531	3928	2.45	156373	97.58
551	2716	1.69	159089	99.27
630	1168	0.73	160257	100.00

CELDT 2002 Annual Data
Scale Score Frequency Distribution
Writing, Grade Span 1: Grade 2

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
280	5799	3.62	5799	3.62
356	1645	1.03	7444	4.65
375	2170	1.35	9614	6.00
387	2617	1.63	12231	7.63
397	3171	1.98	15402	9.61
406	3782	2.36	19184	11.97
414	4349	2.71	23533	14.68
422	5263	3.28	28796	17.97
430	5721	3.57	34517	21.54
437	6395	3.99	40912	25.53
444	6852	4.28	47764	29.80
451	7183	4.48	54947	34.29
458	7575	4.73	62522	39.01
464	7861	4.91	70383	43.92
471	8143	5.08	78526	49.00
478	8461	5.28	86987	54.28
485	8927	5.57	95914	59.85
492	9317	5.81	105231	65.66
500	9605	5.99	114836	71.66
508	9482	5.92	124318	77.57
516	9068	5.66	133386	83.23
524	7801	4.87	141187	88.10
532	6223	3.88	147410	91.98
540	4486	2.80	151896	94.78
549	3270	2.04	155166	96.82
557	2238	1.40	157404	98.22
566	1494	0.93	158898	99.15
577	759	0.47	159657	99.63
591	422	0.26	160079	99.89
613	163	0.10	160242	99.99
640	15	0.01	160257	100.00

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 1: Grades 1-2

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	2964	0.90	2964	0.90
265	617	0.19	3581	1.09
271	21	0.01	3602	1.09
276	10	0.00	3612	1.10
279	15	0.00	3627	1.10
282	10	0.00	3637	1.11
283	203	0.06	3840	1.17
284	23	0.01	3863	1.17
286	11	0.00	3874	1.18
287	3	0.00	3877	1.18
288	25	0.01	3902	1.19
289	3	0.00	3905	1.19
290	12	0.00	3917	1.19
291	22	0.01	3939	1.20
294	22	0.01	3961	1.20
295	12	0.00	3973	1.21
296	34	0.01	4007	1.22
297	1	0.00	4008	1.22
298	19	0.01	4027	1.22
299	9	0.00	4036	1.23
300	23	0.01	4059	1.23
301	3	0.00	4062	1.23
302	23	0.01	4085	1.24
303	11	0.00	4096	1.25
304	14	0.00	4110	1.25
305	12	0.00	4122	1.25
306	24	0.01	4146	1.26
307	8	0.00	4154	1.26
308	30	0.01	4184	1.27
309	8	0.00	4192	1.27
310	16	0.00	4208	1.28
311	25	0.01	4233	1.29
312	11	0.00	4244	1.29
313	28	0.01	4272	1.30
314	22	0.01	4294	1.31
315	41	0.01	4335	1.32
316	10	0.00	4345	1.32
317	32	0.01	4377	1.33
318	11	0.00	4388	1.33
319	28	0.01	4416	1.34
320	22	0.01	4438	1.35
321	231	0.07	4669	1.42
322	9	0.00	4678	1.42
323	34	0.01	4712	1.43
324	17	0.01	4729	1.44
325	36	0.01	4765	1.45
326	22	0.01	4787	1.46
327	28	0.01	4815	1.46
328	34	0.01	4849	1.47
329	22	0.01	4871	1.48
330	39	0.01	4910	1.49
331	31	0.01	4941	1.50
332	37	0.01	4978	1.51
333	31	0.01	5009	1.52
334	22	0.01	5031	1.53
335	57	0.02	5088	1.55
336	21	0.01	5109	1.55
337	28	0.01	5137	1.56
338	37	0.01	5174	1.57
339	44	0.01	5218	1.59
340	250	0.08	5468	1.66
341	34	0.01	5502	1.67
342	60	0.02	5562	1.69
343	15	0.00	5577	1.70
344	46	0.01	5623	1.71
345	46	0.01	5669	1.72
346	35	0.01	5704	1.73
347	55	0.02	5759	1.75
348	32	0.01	5791	1.76
349	58	0.02	5849	1.78
350	29	0.01	5878	1.79
351	77	0.02	5955	1.81
352	263	0.08	6218	1.89
353	74	0.02	6292	1.91
354	27	0.01	6319	1.92
355	74	0.02	6393	1.94
356	76	0.02	6469	1.97
357	45	0.01	6514	1.98
358	60	0.02	6574	2.00
359	78	0.02	6652	2.02
360	70	0.02	6722	2.04
361	401	0.12	7123	2.17
362	108	0.03	7231	2.20
363	56	0.02	7287	2.22
364	99	0.03	7386	2.25
365	25	0.01	7411	2.25
366	124	0.04	7535	2.29
367	45	0.01	7580	2.30
368	123	0.04	7703	2.34
369	276	0.08	7979	2.43
370	86	0.03	8065	2.45
371	62	0.02	8127	2.47
372	93	0.03	8220	2.50
373	86	0.03	8306	2.52
374	87	0.03	8393	2.55
375	343	0.10	8736	2.66

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 1: Grades 1-2 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
376	29	0.01	8765	2.66
377	111	0.03	8876	2.70
378	73	0.02	8949	2.72
379	96	0.03	9045	2.75
380	358	0.11	9403	2.86
381	104	0.03	9507	2.89
382	110	0.03	9617	2.92
383	62	0.02	9679	2.94
384	124	0.04	9803	2.98
385	483	0.15	10286	3.13
386	44	0.01	10330	3.14
387	136	0.04	10466	3.18
388	128	0.04	10594	3.22
389	407	0.12	11001	3.34
390	115	0.03	11116	3.38
391	69	0.02	11185	3.40
392	155	0.05	11340	3.45
393	595	0.18	11935	3.63
394	60	0.02	11995	3.65
395	157	0.05	12152	3.69
396	92	0.03	12244	3.72
397	635	0.19	12879	3.91
398	118	0.04	12997	3.95
399	203	0.06	13200	4.01
400	583	0.18	13783	4.19
401	206	0.06	13989	4.25
402	86	0.03	14075	4.28
403	800	0.24	14875	4.52
404	143	0.04	15018	4.57
405	92	0.03	15110	4.59
406	862	0.26	15972	4.86
407	159	0.05	16131	4.90
408	234	0.07	16365	4.97
409	804	0.24	17169	5.22
410	258	0.08	17427	5.30
411	177	0.05	17604	5.35
412	1044	0.32	18648	5.67
413	157	0.05	18805	5.72
414	1015	0.31	19820	6.02
415	339	0.10	20159	6.13
416	189	0.06	20348	6.19
417	1048	0.32	21396	6.50
418	366	0.11	21762	6.62
419	1052	0.32	22814	6.93
420	306	0.09	23120	7.03
421	375	0.11	23495	7.14
422	1149	0.35	24644	7.49
423	274	0.08	24918	7.57
424	1291	0.39	26209	7.97
425	390	0.12	26599	8.09
426	338	0.10	26937	8.19
427	1388	0.42	28325	8.61
428	273	0.08	28598	8.69
429	1586	0.48	30184	9.18
430	302	0.09	30486	9.27
431	464	0.14	30950	9.41
432	1532	0.47	32482	9.87
433	503	0.15	32985	10.03
434	1718	0.52	34703	10.55
435	479	0.15	35182	10.69
436	1866	0.57	37048	11.26
437	526	0.16	37574	11.42
438	432	0.13	38006	11.55
439	2163	0.66	40169	12.21
440	493	0.15	40662	12.36
441	2327	0.71	42989	13.07
442	566	0.17	43555	13.24
443	613	0.19	44168	13.43
444	2519	0.77	46687	14.19
445	643	0.20	47330	14.39
446	2620	0.80	49950	15.18
447	652	0.20	50602	15.38
448	769	0.23	51371	15.62
449	2854	0.87	54225	16.48
450	828	0.25	55053	16.73
451	759	0.23	55812	16.97
452	3157	0.96	58969	17.93
453	725	0.22	59694	18.15
454	840	0.26	60534	18.40
455	3433	1.04	63967	19.44
456	891	0.27	64858	19.72
457	987	0.30	65845	20.02
458	3964	1.20	69809	21.22
459	954	0.29	70763	21.51
460	1028	0.31	71791	21.82
461	4119	1.25	75910	23.07
462	1168	0.36	77078	23.43
463	1030	0.31	78108	23.74
464	4629	1.41	82737	25.15
465	1116	0.34	83853	25.49
466	1295	0.39	85148	25.88
467	4932	1.50	90080	27.38
468	1355	0.41	91435	27.79
469	1168	0.36	92603	28.15
470	5385	1.64	97988	29.79
471	1340	0.41	99328	30.19

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 1: Grades 1-2 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
472	1297	0.39	100625	30.59
473	1545	0.47	102170	31.06
474	5988	1.82	108158	32.88
475	1473	0.45	109631	33.33
476	1518	0.46	111149	33.79
477	6244	1.90	117393	35.68
478	1580	0.48	118973	36.17
479	1411	0.43	120384	36.59
480	1546	0.47	121930	37.06
481	6871	2.09	128801	39.15
482	1524	0.46	130325	39.62
483	1820	0.55	132145	40.17
484	1337	0.41	133482	40.58
485	7715	2.35	141197	42.92
486	1578	0.48	142775	43.40
487	1597	0.49	144372	43.89
488	1820	0.55	146192	44.44
489	7696	2.34	153888	46.78
490	1893	0.58	155781	47.35
491	1520	0.46	157301	47.82
492	1832	0.56	159133	48.37
493	8444	2.57	167577	50.94
494	1739	0.53	169316	51.47
495	1729	0.53	171045	51.99
496	1571	0.48	172616	52.47
497	8847	2.69	181463	55.16
498	1702	0.52	183165	55.68
499	1687	0.51	184852	56.19
500	1763	0.54	186615	56.73
501	1562	0.47	188177	57.20
502	9151	2.78	197328	59.98
503	1624	0.49	198952	60.48
504	1575	0.48	200527	60.96
505	1577	0.48	202104	61.44
506	9438	2.87	211542	64.30
507	1678	0.51	213220	64.81
508	1464	0.45	214684	65.26
509	1653	0.50	216337	65.76
510	9357	2.84	225694	68.61
511	1688	0.51	227382	69.12
512	1369	0.42	228751	69.54
513	1487	0.45	230238	69.99
514	1403	0.43	231641	70.41
515	9502	2.89	241143	73.30
516	1377	0.42	242520	73.72
517	1441	0.44	243961	74.16
518	1259	0.38	245220	74.54
519	1356	0.41	246576	74.95
520	9183	2.79	255759	77.75
521	1258	0.38	257017	78.13
522	1281	0.39	258298	78.52
523	1194	0.36	259492	78.88
524	1215	0.37	260707	79.25
525	1170	0.36	261877	79.60
526	8621	2.62	270498	82.23
527	993	0.30	271491	82.53
528	1114	0.34	272605	82.87
529	843	0.26	273448	83.12
530	1220	0.37	274668	83.49
531	728	0.22	275396	83.71
532	1130	0.34	276526	84.06
533	6998	2.13	283524	86.19
534	993	0.30	284517	86.49
535	740	0.22	285257	86.71
536	823	0.25	286080	86.96
537	714	0.22	286794	87.18
538	745	0.23	287539	87.41
539	657	0.20	288196	87.61
540	5798	1.76	293994	89.37
541	750	0.23	294744	89.60
542	547	0.17	295291	89.76
543	627	0.19	295918	89.95
544	509	0.15	296427	90.11
545	652	0.20	297079	90.31
546	462	0.14	297541	90.45
547	525	0.16	298066	90.61
548	4468	1.36	302534	91.96
549	590	0.18	303124	92.14
550	355	0.11	303479	92.25
551	525	0.16	304004	92.41
552	361	0.11	304365	92.52
553	468	0.14	304833	92.66
554	321	0.10	305154	92.76
555	409	0.12	305563	92.88
556	425	0.13	305988	93.01
557	3588	1.09	309576	94.10
558	317	0.10	309893	94.20
559	264	0.08	310157	94.28
560	356	0.11	310513	94.39
561	236	0.07	310749	94.46
562	378	0.11	311127	94.58
563	204	0.06	311331	94.64
564	322	0.10	311653	94.74
565	244	0.07	311897	94.81
566	264	0.08	312161	94.89
567	2912	0.89	315073	95.78

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 1: Grades 1-2 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
568	186	0.06	315259	95.83
569	262	0.08	315521	95.91
570	190	0.06	315711	95.97
571	152	0.05	315863	96.02
572	242	0.07	316105	96.09
573	147	0.04	316252	96.13
574	203	0.06	316455	96.20
575	153	0.05	316608	96.24
576	190	0.06	316798	96.30
577	158	0.05	316956	96.35
578	2482	0.75	319438	97.10
579	138	0.04	319576	97.14
580	141	0.04	319717	97.19
581	129	0.04	319846	97.23
582	97	0.03	319943	97.26
583	127	0.04	320070	97.29
584	124	0.04	320194	97.33
585	85	0.03	320279	97.36
586	117	0.04	320396	97.39
587	98	0.03	320494	97.42
588	122	0.04	320616	97.46
589	65	0.02	320681	97.48
590	2106	0.64	322787	98.12
591	78	0.02	322865	98.14
592	83	0.03	322948	98.17
593	62	0.02	323010	98.19
594	73	0.02	323083	98.21
595	61	0.02	323144	98.23
596	66	0.02	323210	98.25
597	56	0.02	323266	98.27
598	80	0.02	323346	98.29
599	30	0.01	323376	98.30
600	80	0.02	323456	98.32
601	43	0.01	323499	98.34
602	67	0.02	323566	98.36
603	47	0.01	323613	98.37
604	1540	0.47	325153	98.84
605	45	0.01	325198	98.85
606	36	0.01	325234	98.86
607	86	0.03	325320	98.89
608	43	0.01	325363	98.90
609	73	0.02	325436	98.93
610	30	0.01	325466	98.93
611	71	0.02	325537	98.96
612	34	0.01	325571	98.97
613	85	0.03	325656	98.99
614	39	0.01	325695	99.00
615	69	0.02	325764	99.03
616	12	0.00	325776	99.03
617	83	0.03	325859	99.05
618	17	0.01	325876	99.06
619	1037	0.32	326913	99.37
620	30	0.01	326943	99.38
621	21	0.01	326964	99.39
622	45	0.01	327009	99.40
623	15	0.00	327024	99.41
624	12	0.00	327036	99.41
625	37	0.01	327073	99.42
626	14	0.00	327087	99.43
627	46	0.01	327133	99.44
628	2	0.00	327135	99.44
629	34	0.01	327169	99.45
630	28	0.01	327197	99.46
631	1	0.00	327198	99.46
632	32	0.01	327230	99.47
633	3	0.00	327233	99.47
634	27	0.01	327260	99.48
635	15	0.00	327275	99.48
636	1	0.00	327276	99.48
637	562	0.17	327838	99.66
638	1	0.00	327839	99.66
639	3	0.00	327842	99.66
640	4	0.00	327846	99.66
641	5	0.00	327851	99.66
643	4	0.00	327855	99.66
645	12	0.00	327867	99.66
646	3	0.00	327870	99.67
647	9	0.00	327879	99.67
649	12	0.00	327891	99.67
651	11	0.00	327902	99.68
652	1	0.00	327903	99.68
654	15	0.00	327918	99.68
656	297	0.09	328215	99.77
658	1	0.00	328216	99.77
660	12	0.00	328228	99.77
665	9	0.00	328237	99.78
672	1	0.00	328238	99.78
680	258	0.08	328496	99.86
681	1	0.00	328497	99.86
710	474	0.14	328971	100.00

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Listening/Speaking, Grade Span 2: Grades 3-5

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	9225	2.13	9225	2.13
265	73	0.02	9298	2.15
296	213	0.05	9511	2.20
313	97	0.02	9608	2.22
324	108	0.02	9716	2.24
333	106	0.02	9822	2.27
340	123	0.03	9945	2.30
346	207	0.05	10152	2.34
351	166	0.04	10318	2.38
356	160	0.04	10478	2.42
360	192	0.04	10670	2.46
364	243	0.06	10913	2.52
368	281	0.06	11194	2.59
372	212	0.05	11406	2.63
375	225	0.05	11631	2.69
378	220	0.05	11851	2.74
381	291	0.07	12142	2.80
384	329	0.08	12471	2.88
387	276	0.06	12747	2.94
390	337	0.08	13084	3.02
392	387	0.09	13471	3.11
395	391	0.09	13862	3.20
398	486	0.11	14348	3.31
400	467	0.11	14815	3.42
403	466	0.11	15281	3.53
405	568	0.13	15849	3.66
408	567	0.13	16416	3.79
411	653	0.15	17069	3.94
413	760	0.18	17829	4.12
416	771	0.18	18600	4.30
418	933	0.22	19533	4.51
421	1114	0.26	20647	4.77
424	1222	0.28	21869	5.05
426	1395	0.32	23264	5.37
429	1617	0.37	24881	5.75
432	1948	0.45	26829	6.20
435	2275	0.53	29104	6.72
437	2703	0.62	31807	7.35
440	3346	0.77	35153	8.12
443	3859	0.89	39012	9.01
447	4281	0.99	43293	10.00
450	5080	1.17	48373	11.17
453	5287	1.22	53660	12.39
457	5476	1.26	59136	13.66
460	6640	1.53	65776	15.19
464	7910	1.83	73686	17.02
468	9380	2.17	83066	19.18
472	11234	2.59	94300	21.78
477	13394	3.09	107694	24.87
482	15702	3.63	123396	28.50
487	18247	4.21	141643	32.71
492	20651	4.77	162294	37.48
498	23507	5.43	185801	42.91
504	26160	6.04	211961	48.95
511	28072	6.48	240033	55.44
519	27578	6.37	267611	61.81
526	1	0.00	267612	61.81
527	3516	0.81	271128	62.62
528	24589	5.68	295717	68.30
529	2	0.00	295719	68.30
530	11	0.00	295730	68.30
532	1	0.00	295731	68.30
533	1	0.00	295732	68.30
534	2	0.00	295734	68.30
535	3185	0.74	298919	69.04
537	2	0.00	298921	69.04
538	18812	4.34	317733	73.38
541	10	0.00	317743	73.39
542	3	0.00	317746	73.39
544	3139	0.72	320885	74.11
548	8	0.00	320893	74.11
549	14758	3.41	335651	77.52
550	3	0.00	335654	77.52
554	1	0.00	335655	77.52
555	2813	0.65	338468	78.17
557	6	0.00	338474	78.17
562	18480	4.27	356954	82.44
563	1	0.00	356955	82.44
564	1	0.00	356956	82.44
565	2	0.00	356958	82.44
567	2019	0.47	358977	82.91
568	1	0.00	358978	82.91
569	2	0.00	358980	82.91
570	1	0.00	358981	82.91
571	16	0.00	358997	82.91
573	1	0.00	358998	82.91
576	1	0.00	358999	82.91
577	20746	4.79	379745	87.71
581	12	0.00	379757	87.71
582	1202	0.28	380959	87.99
585	1	0.00	380960	87.99
593	4	0.00	380964	87.99
594	19258	4.45	400222	92.44
598	2	0.00	400224	92.44
599	542	0.13	400766	92.56
607	1	0.00	400767	92.56

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Listening/Speaking, Grade Span 2: Grades 3-5

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
613	12409	2.87	413176	95.43
620	2	0.00	413178	95.43
621	609	0.14	413787	95.57
624	3	0.00	413790	95.57
633	1	0.00	413791	95.57
636	2050	0.47	415841	96.04
650	615	0.14	416456	96.18
651	1	0.00	416457	96.19
659	1	0.00	416458	96.19
663	3086	0.71	419544	96.90
674	2	0.00	419546	96.90
675	1	0.00	419547	96.90
681	1	0.00	419548	96.90
692	1	0.00	419549	96.90
695	1	0.00	419550	96.90
696	479	0.11	420029	97.01
698	4078	0.94	424107	97.95
710	8867	2.05	432974	100.00

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CELDT 2002 Annual Data
Scale Score Frequency Distribution
Reading, Grade Span 2: Grades 3-5

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
340	10575	2.44	10575	2.44
362	2692	0.62	13267	3.06
380	3818	0.88	17085	3.95
393	4985	1.15	22070	5.10
404	6365	1.47	28435	6.57
412	7254	1.68	35689	8.24
420	7925	1.83	43614	10.07
427	8969	2.07	52583	12.14
434	9596	2.22	62179	14.36
440	9988	2.31	72167	16.67
446	10567	2.44	82734	19.11
451	11262	2.60	93996	21.71
457	11870	2.74	105866	24.45
462	12678	2.93	118544	27.38
467	13286	3.07	131830	30.45
471	14270	3.30	146100	33.74
476	15135	3.50	161235	37.24
481	16151	3.73	177386	40.97
486	17720	4.09	195106	45.06
491	18943	4.38	214049	49.44
496	20686	4.78	234735	54.21
502	22424	5.18	257159	59.39
508	23956	5.53	281115	64.93
514	25583	5.91	306698	70.84
522	26744	6.18	333442	77.01
531	27232	6.29	360674	83.30
542	25773	5.95	386447	89.25
557	22135	5.11	408582	94.37
582	16078	3.71	424660	98.08
640	8314	1.92	432974	100.00

CELDT 2002 Annual Data
Scale Score Frequency Distribution
Writing, Grade Span 2: Grades 3-5

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
280	7408	1.71	7408	1.71
323	722	0.17	8130	1.88
346	907	0.21	9037	2.09
360	1065	0.25	10102	2.33
370	1364	0.32	11466	2.65
379	1800	0.42	13266	3.06
387	2197	0.51	15463	3.57
395	2736	0.63	18199	4.20
402	3399	0.79	21598	4.99
409	4130	0.95	25728	5.94
416	5108	1.18	30836	7.12
422	5924	1.37	36760	8.49
429	6841	1.58	43601	10.07
435	7696	1.78	51297	11.85
442	9029	2.09	60326	13.93
449	10014	2.31	70340	16.25
455	11560	2.67	81900	18.92
462	13783	3.18	95683	22.10
470	16816	3.88	112499	25.98
478	20946	4.84	133445	30.82
487	25638	5.92	159083	36.74
497	30936	7.15	190019	43.89
507	35811	8.27	225830	52.16
517	39582	9.14	265412	61.30
528	41575	9.60	306987	70.90
540	39335	9.08	346322	79.99
552	33796	7.81	380118	87.79
565	26040	6.01	406158	93.81
582	16724	3.86	422882	97.67
605	8005	1.85	430887	99.52
642	1947	0.45	432834	99.97
690	140	0.03	432974	100.00

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 2: Grades 3-5

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
265	1922	0.44	1922	0.44
270	24	0.01	1946	0.45
275	44	0.01	1990	0.46
278	11	0.00	2001	0.46
281	51	0.01	2052	0.47
283	20	0.00	2072	0.48
285	48	0.01	2120	0.49
286	12	0.00	2132	0.49
287	52	0.01	2184	0.50
288	9	0.00	2193	0.51
289	22	0.01	2215	0.51
290	13	0.00	2228	0.51
291	49	0.01	2277	0.53
292	6	0.00	2283	0.53
293	28	0.01	2311	0.53
294	7	0.00	2318	0.54
295	40	0.01	2358	0.54
296	5	0.00	2363	0.55
297	53	0.01	2416	0.56
298	15	0.00	2431	0.56
299	40	0.01	2471	0.57
300	18	0.00	2489	0.57
301	41	0.01	2530	0.58
302	9	0.00	2539	0.59
303	84	0.02	2623	0.61
304	3	0.00	2626	0.61
305	63	0.01	2689	0.62
306	13	0.00	2702	0.62
307	63	0.01	2765	0.64
308	27	0.01	2792	0.64
309	45	0.01	2837	0.66
310	26	0.01	2863	0.66
311	77	0.02	2940	0.68
312	28	0.01	2968	0.69
313	56	0.01	3024	0.70
314	16	0.00	3040	0.70
315	59	0.01	3099	0.72
316	29	0.01	3128	0.72
317	72	0.02	3200	0.74
318	24	0.01	3224	0.74
319	47	0.01	3271	0.76
320	50	0.01	3321	0.77
321	43	0.01	3364	0.78
322	57	0.01	3421	0.79
323	39	0.01	3460	0.80
324	39	0.01	3499	0.81
325	109	0.03	3608	0.83
326	23	0.01	3631	0.84
327	53	0.01	3684	0.85
328	76	0.02	3760	0.87
329	27	0.01	3787	0.87
330	96	0.02	3883	0.90
331	29	0.01	3912	0.90
332	44	0.01	3956	0.91
333	80	0.02	4036	0.93
334	47	0.01	4083	0.94
335	83	0.02	4166	0.96
336	43	0.01	4209	0.97
337	100	0.02	4309	1.00
338	48	0.01	4357	1.00
339	100	0.02	4457	1.03
340	34	0.01	4491	1.04
341	111	0.03	4602	1.06
342	88	0.02	4690	1.08
343	56	0.01	4746	1.10
344	89	0.02	4835	1.12
345	103	0.02	4938	1.14
346	59	0.01	4997	1.15
347	109	0.03	5106	1.18
348	116	0.03	5222	1.21
349	76	0.02	5298	1.22
350	95	0.02	5393	1.25
351	129	0.03	5522	1.28
352	129	0.03	5651	1.31
353	84	0.02	5735	1.32
354	144	0.03	5879	1.36
355	125	0.03	6004	1.39
356	87	0.02	6091	1.41
357	153	0.04	6244	1.44
358	134	0.03	6378	1.47
359	174	0.04	6552	1.51
360	174	0.04	6726	1.55
361	146	0.03	6872	1.59
362	133	0.03	7005	1.62
363	176	0.04	7181	1.66
364	180	0.04	7361	1.70
365	159	0.04	7520	1.74
366	116	0.03	7636	1.76
367	276	0.06	7912	1.83
368	111	0.03	8023	1.85
369	299	0.07	8322	1.92
370	179	0.04	8501	1.96
371	122	0.03	8623	1.99
372	318	0.07	8941	2.07
373	221	0.05	9162	2.12
374	178	0.04	9340	2.16

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 2: Grades 3-5 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
375	295	0.07	9635	2.23
376	207	0.05	9842	2.27
377	248	0.06	10090	2.33
378	306	0.07	10396	2.40
379	138	0.03	10534	2.43
380	296	0.07	10830	2.50
381	305	0.07	11135	2.57
382	85	0.02	11220	2.59
383	295	0.07	11515	2.66
384	300	0.07	11815	2.73
385	219	0.05	12034	2.78
386	221	0.05	12255	2.83
387	327	0.08	12582	2.91
388	144	0.03	12726	2.94
389	243	0.06	12969	3.00
390	280	0.06	13249	3.06
391	314	0.07	13563	3.13
392	158	0.04	13721	3.17
393	350	0.08	14071	3.25
394	274	0.06	14345	3.31
395	164	0.04	14509	3.35
396	413	0.10	14922	3.45
397	182	0.04	15104	3.49
398	307	0.07	15411	3.56
399	236	0.05	15647	3.61
400	225	0.05	15872	3.67
401	461	0.11	16333	3.77
402	198	0.05	16531	3.82
403	264	0.06	16795	3.88
404	340	0.08	17135	3.96
405	321	0.07	17456	4.03
406	333	0.08	17789	4.11
407	382	0.09	18171	4.20
408	320	0.07	18491	4.27
409	361	0.08	18852	4.35
410	410	0.09	19262	4.45
411	400	0.09	19662	4.54
412	357	0.08	20019	4.62
413	414	0.10	20433	4.72
414	518	0.12	20951	4.84
415	539	0.12	21490	4.96
416	372	0.09	21862	5.05
417	509	0.12	22371	5.17
418	453	0.10	22824	5.27
419	632	0.15	23456	5.42
420	468	0.11	23924	5.53
421	640	0.15	24564	5.67
422	555	0.13	25119	5.80
423	603	0.14	25722	5.94
424	630	0.15	26352	6.09
425	680	0.16	27032	6.24
426	547	0.13	27579	6.37
427	727	0.17	28306	6.54
428	685	0.16	28991	6.70
429	778	0.18	29769	6.88
430	841	0.19	30610	7.07
431	759	0.18	31369	7.25
432	758	0.18	32127	7.42
433	924	0.21	33051	7.63
434	777	0.18	33828	7.81
435	1163	0.27	34991	8.08
436	768	0.18	35759	8.26
437	1108	0.26	36867	8.51
438	962	0.22	37829	8.74
439	1065	0.25	38894	8.98
440	1200	0.28	40094	9.26
441	918	0.21	41012	9.47
442	1297	0.30	42309	9.77
443	1251	0.29	43560	10.06
444	1212	0.28	44772	10.34
445	1426	0.33	46198	10.67
446	1133	0.26	47331	10.93
447	1507	0.35	48838	11.28
448	1242	0.29	50080	11.57
449	1497	0.35	51577	11.91
450	1517	0.35	53094	12.26
451	1516	0.35	54610	12.61
452	1713	0.40	56323	13.01
453	1445	0.33	57768	13.34
454	1888	0.44	59656	13.78
455	1711	0.40	61367	14.17
456	1938	0.45	63305	14.62
457	1660	0.38	64965	15.00
458	1859	0.43	66824	15.43
459	2043	0.47	68867	15.91
460	2127	0.49	70994	16.40
461	2106	0.49	73100	16.88
462	2078	0.48	75178	17.36
463	2180	0.50	77358	17.87
464	2236	0.52	79594	18.38
465	2202	0.51	81796	18.89
466	2305	0.53	84101	19.42
467	2480	0.57	86581	20.00
468	2379	0.55	88960	20.55
469	2676	0.62	91636	21.16
470	2319	0.54	93955	21.70

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 2: Grades 3-5 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
471	2717	0.63	96672	22.33
472	2798	0.65	99470	22.97
473	2731	0.63	102201	23.60
474	2810	0.65	105011	24.25
475	2942	0.68	107953	24.93
476	2646	0.61	110599	25.54
477	2946	0.68	113545	26.22
478	3327	0.77	116872	26.99
479	3168	0.73	120040	27.72
480	3350	0.77	123390	28.50
481	2805	0.65	126195	29.15
482	2948	0.68	129143	29.83
483	3519	0.81	132662	30.64
484	3539	0.82	136201	31.46
485	3559	0.82	139760	32.28
486	3364	0.78	143124	33.06
487	2884	0.67	146008	33.72
488	4063	0.94	150071	34.66
489	3768	0.87	153839	35.53
490	3733	0.86	157572	36.39
491	3887	0.90	161459	37.29
492	2781	0.64	164240	37.93
493	4073	0.94	168313	38.87
494	3952	0.91	172265	39.79
495	3883	0.90	176148	40.68
496	3798	0.88	179946	41.56
497	3554	0.82	183500	42.38
498	4105	0.95	187605	43.33
499	3616	0.84	191221	44.16
500	4234	0.98	195455	45.14
501	4225	0.98	199680	46.12
502	3676	0.85	203356	46.97
503	4183	0.97	207539	47.93
504	3364	0.78	210903	48.71
505	4480	1.03	215383	49.75
506	4598	1.06	219981	50.81
507	3192	0.74	223173	51.54
508	4234	0.98	227407	52.52
509	4287	0.99	231694	53.51
510	3160	0.73	234854	54.24
511	4802	1.11	239656	55.35
512	3717	0.86	243373	56.21
513	3339	0.77	246712	56.98
514	4765	1.10	251477	58.08
515	3160	0.73	254637	58.81
516	3982	0.92	258619	59.73
517	4439	1.03	263058	60.76
518	3097	0.72	266155	61.47
519	3640	0.84	269795	62.31
520	4137	0.96	273932	63.27
521	3712	0.86	277644	64.12
522	2915	0.67	280559	64.80
523	4306	0.99	284865	65.79
524	3319	0.77	288184	66.56
525	2752	0.64	290936	67.19
526	4707	1.09	295643	68.28
527	2632	0.61	298275	68.89
528	3178	0.73	301453	69.62
529	4185	0.97	305638	70.59
530	2941	0.68	308579	71.27
531	3118	0.72	311697	71.99
532	3083	0.71	314780	72.70
533	3445	0.80	318225	73.50
534	3044	0.70	321269	74.20
535	2855	0.66	324124	74.86
536	3243	0.75	327367	75.61
537	2496	0.58	329863	76.19
538	3151	0.73	333014	76.91
539	2250	0.52	335264	77.43
540	3683	0.85	338947	78.28
541	2276	0.53	341223	78.81
542	2073	0.48	343296	79.29
543	3069	0.71	346365	80.00
544	2381	0.55	348746	80.55
545	2499	0.58	351245	81.12
546	2726	0.63	353971	81.75
547	1824	0.42	355795	82.17
548	2723	0.63	358518	82.80
549	2119	0.49	360637	83.29
550	2521	0.58	363158	83.88
551	2161	0.50	365319	84.37
552	1888	0.44	367207	84.81
553	1841	0.43	369048	85.24
554	2195	0.51	371243	85.74
555	1972	0.46	373215	86.20
556	2051	0.47	375266	86.67
557	1759	0.41	377025	87.08
558	1386	0.32	378411	87.40
559	2426	0.56	380837	87.96
560	1387	0.32	382224	88.28
561	1704	0.39	383928	88.67
562	2258	0.52	386186	89.19
563	810	0.19	386996	89.38
564	1607	0.37	388603	89.75
565	2200	0.51	390803	90.26
566	940	0.22	391743	90.48

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 2: Grades 3-5 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
567	1533	0.35	393276	90.83
568	1250	0.29	394526	91.12
569	1321	0.31	395847	91.43
570	1144	0.26	396991	91.69
571	1438	0.33	398429	92.02
572	937	0.22	399366	92.24
573	1208	0.28	400574	92.52
574	1329	0.31	401903	92.82
575	1179	0.27	403082	93.10
576	307	0.07	403389	93.17
577	1559	0.36	404948	93.53
578	715	0.17	405663	93.69
579	539	0.12	406202	93.82
580	1444	0.33	407646	94.15
581	676	0.16	408322	94.31
582	406	0.09	408728	94.40
583	1335	0.31	410063	94.71
584	499	0.12	410562	94.82
585	298	0.07	410860	94.89
586	478	0.11	411338	95.00
587	956	0.22	412294	95.22
588	623	0.14	412917	95.37
589	446	0.10	413363	95.47
590	488	0.11	413851	95.58
591	491	0.11	414342	95.70
592	404	0.09	414746	95.79
593	754	0.17	415500	95.96
594	378	0.09	415878	96.05
595	371	0.09	416249	96.14
596	304	0.07	416553	96.21
597	578	0.13	417131	96.34
598	485	0.11	417616	96.45
599	424	0.10	418040	96.55
600	157	0.04	418197	96.59
601	301	0.07	418498	96.66
602	559	0.13	419057	96.79
603	436	0.10	419493	96.89
604	308	0.07	419801	96.96
605	379	0.09	420180	97.05
606	254	0.06	420434	97.10
607	326	0.08	420760	97.18
608	501	0.12	421261	97.29
609	368	0.08	421629	97.38
610	110	0.03	421739	97.41
611	393	0.09	422132	97.50
612	647	0.15	422779	97.65
613	155	0.04	422934	97.68
614	396	0.09	423330	97.77
615	342	0.08	423672	97.85
616	237	0.05	423909	97.91
617	626	0.14	424535	98.05
618	288	0.07	424823	98.12
619	397	0.09	425220	98.21
620	318	0.07	425538	98.28
621	191	0.04	425729	98.33
622	471	0.11	426200	98.44
623	464	0.11	426664	98.54
624	127	0.03	426791	98.57
625	482	0.11	427273	98.68
626	426	0.10	427699	98.78
627	179	0.04	427878	98.82
628	251	0.06	428129	98.88
629	534	0.12	428663	99.00
630	96	0.02	428759	99.03
631	286	0.07	429045	99.09
632	339	0.08	429384	99.17
633	210	0.05	429594	99.22
634	33	0.01	429627	99.23
635	446	0.10	430073	99.33
636	236	0.05	430309	99.38
637	21	0.00	430330	99.39
638	198	0.05	430528	99.44
639	337	0.08	430865	99.51
640	68	0.02	430933	99.53
641	317	0.07	431250	99.60
642	24	0.01	431274	99.61
643	8	0.00	431282	99.61
644	53	0.01	431335	99.62
645	150	0.03	431485	99.66
646	214	0.05	431699	99.71
647	62	0.01	431761	99.72
648	23	0.01	431784	99.73
649	14	0.00	431798	99.73
650	115	0.03	431913	99.75
651	168	0.04	432081	99.79
652	5	0.00	432086	99.79
653	136	0.03	432222	99.83
654	70	0.02	432292	99.84
655	15	0.00	432307	99.85
656	132	0.03	432439	99.88
658	2	0.00	432441	99.88
659	12	0.00	432453	99.88
660	189	0.04	432642	99.92
661	49	0.01	432691	99.93
663	2	0.00	432693	99.94
666	164	0.04	432857	99.97

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 2: Grades 3-5 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
668	8	0.00	432865	99.97
669	14	0.00	432879	99.98
673	7	0.00	432886	99.98
675	67	0.02	432953	100.00
680	5	0.00	432958	100.00
681	1	0.00	432959	100.00
687	15	0.00	432974	100.00

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Listening/Speaking, Grade Span 3: Grades 6-8

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	8865	2.99	8865	2.99
226	189	0.06	9054	3.06
314	71	0.02	9125	3.08
334	79	0.03	9204	3.11
347	88	0.03	9292	3.14
356	82	0.03	9374	3.16
363	159	0.05	9533	3.22
369	97	0.03	9630	3.25
375	155	0.05	9785	3.30
379	127	0.04	9912	3.35
384	147	0.05	10059	3.40
388	189	0.06	10248	3.46
391	149	0.05	10397	3.51
395	151	0.05	10548	3.56
398	180	0.06	10728	3.62
401	216	0.07	10944	3.69
404	404	0.14	11348	3.83
406	265	0.09	11613	3.92
409	285	0.10	11898	4.02
412	341	0.12	12239	4.13
414	355	0.12	12594	4.25
417	411	0.14	13005	4.39
419	375	0.13	13380	4.52
422	427	0.14	13807	4.66
424	463	0.16	14270	4.82
427	496	0.17	14766	4.98
429	572	0.19	15338	5.18
432	595	0.20	15933	5.38
434	728	0.25	16661	5.62
437	771	0.26	17432	5.88
439	873	0.29	18305	6.18
442	1038	0.35	19343	6.53
444	1182	0.40	20525	6.93
447	1291	0.44	21816	7.36
450	1604	0.54	23420	7.91
453	1890	0.64	25310	8.54
455	2177	0.73	27487	9.28
458	2465	0.83	29952	10.11
461	2875	0.97	32827	11.08
464	3272	1.10	36099	12.19
467	3567	1.20	39666	13.39
470	3947	1.33	43613	14.72
473	4197	1.42	47810	16.14
477	4864	1.64	52674	17.78
480	5959	2.01	58633	19.79
484	6854	2.31	65487	22.11
488	8061	2.72	73548	24.83
492	9480	3.20	83028	28.03
496	10811	3.65	93839	31.68
500	12389	4.18	106228	35.86
505	13680	4.62	119908	40.48
510	15089	5.09	134997	45.57
516	15520	5.24	150517	50.81
522	16107	5.44	166624	56.25
526	1	0.00	166625	56.25
527	15	0.01	166640	56.26
528	15517	5.24	182157	61.49
529	3176	1.07	185333	62.57
530	2	0.00	185335	62.57
532	1	0.00	185336	62.57
535	3036	1.02	188372	63.59
536	14072	4.75	202444	68.34
541	1	0.00	202445	68.34
542	3096	1.05	205541	69.39
544	12765	4.31	218306	73.70
545	1	0.00	218307	73.70
546	1	0.00	218308	73.70
547	1	0.00	218309	73.70
548	3	0.00	218312	73.70
549	2768	0.93	221080	74.63
550	1	0.00	221081	74.63
554	11295	3.81	232376	78.45
555	15	0.01	232391	78.45
557	2105	0.71	234496	79.16
559	1	0.00	234497	79.16
562	1	0.00	234498	79.16
565	12685	4.28	247183	83.45
567	1342	0.45	248525	83.90
570	1	0.00	248526	83.90
575	3	0.00	248529	83.90
577	1	0.00	248530	83.90
578	13533	4.57	262063	88.47
579	1	0.00	262064	88.47
587	1	0.00	262065	88.47
592	670	0.23	262735	88.70
595	11084	3.74	273819	92.44
600	1	0.00	273820	92.44
609	703	0.24	274523	92.68
612	1	0.00	274524	92.68
616	7802	2.63	282326	95.31
621	1	0.00	282327	95.31
624	1	0.00	282328	95.31
636	1	0.00	282329	95.31
637	534	0.18	282863	95.49
642	1758	0.59	284621	96.08
647	1	0.00	284622	96.09

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Listening/Speaking, Grade Span 3: Grades 6-8 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
650	1	0.00	284623	96.09
673	1	0.00	284624	96.09
675	2361	0.80	286985	96.88
692	1	0.00	286986	96.88
696	1	0.00	286987	96.88
710	9231	3.12	296218	100.00

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CELDT 2002 Annual Data
Scale Score Frequency Distribution
Reading, Grade Span 3: Grades 6-8

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
340	8585	2.90	8585	2.90
367	2898	0.98	11483	3.88
414	4058	1.37	15541	5.25
435	5192	1.75	20733	7.00
449	6331	2.14	27064	9.14
459	7616	2.57	34680	11.71
468	8729	2.95	43409	14.65
477	9760	3.29	53169	17.95
484	10975	3.71	64144	21.65
491	11689	3.95	75833	25.60
498	12852	4.34	88685	29.94
504	13362	4.51	102047	34.45
510	14169	4.78	116216	39.23
515	14402	4.86	130618	44.10
521	14993	5.06	145611	49.16
526	15248	5.15	160859	54.30
532	15282	5.16	176141	59.46
537	15383	5.19	191524	64.66
542	15017	5.07	206541	69.73
548	14805	5.00	221346	74.72
554	13961	4.71	235307	79.44
560	13406	4.53	248713	83.96
567	12183	4.11	260896	88.08
575	10942	3.69	271838	91.77
584	9005	3.04	280843	94.81
595	6773	2.29	287616	97.10
611	4821	1.63	292437	98.72
638	2712	0.92	295149	99.64
650	1069	0.36	296218	100.00

CELDT 2002 Annual Data
Scale Score Frequency Distribution
Writing, Grade Span 3: Grades 6-8

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
280	4878	1.65	4878	1.65
339	247	0.08	5125	1.73
368	323	0.11	5448	1.84
382	455	0.15	5903	1.99
392	500	0.17	6403	2.16
400	691	0.23	7094	2.39
407	828	0.28	7922	2.67
413	1250	0.42	9172	3.10
419	1384	0.47	10556	3.56
425	1733	0.59	12289	4.15
430	2045	0.69	14334	4.84
436	2537	0.86	16871	5.70
441	3031	1.02	19902	6.72
446	3647	1.23	23549	7.95
452	4098	1.38	27647	9.33
458	4781	1.61	32428	10.95
464	5468	1.85	37896	12.79
470	6918	2.34	44814	15.13
476	9098	3.07	53912	18.20
483	12348	4.17	66260	22.37
491	17338	5.85	83598	28.22
500	23669	7.99	107267	36.21
511	30651	10.35	137918	46.56
523	35710	12.06	173628	58.61
536	36157	12.21	209785	70.82
550	32271	10.89	242056	81.72
564	24920	8.41	266976	90.13
580	16460	5.56	283436	95.68
599	8597	2.90	292033	98.59
625	3346	1.13	295379	99.72
669	782	0.26	296161	99.98
700	57	0.02	296218	100.00

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 3: Grades 6-8

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
265	1360	0.46	1360	0.46
271	16	0.01	1376	0.46
279	17	0.01	1393	0.47
283	14	0.00	1407	0.47
286	7	0.00	1414	0.48
287	17	0.01	1431	0.48
288	40	0.01	1471	0.50
290	18	0.01	1489	0.50
292	10	0.00	1499	0.51
293	46	0.02	1545	0.52
294	12	0.00	1557	0.53
295	20	0.01	1577	0.53
296	17	0.01	1594	0.54
297	25	0.01	1619	0.55
298	36	0.01	1655	0.56
299	37	0.01	1692	0.57
301	26	0.01	1718	0.58
302	25	0.01	1743	0.59
303	26	0.01	1769	0.60
304	20	0.01	1789	0.60
305	29	0.01	1818	0.61
306	20	0.01	1838	0.62
307	6	0.00	1844	0.62
308	19	0.01	1863	0.63
309	40	0.01	1903	0.64
310	24	0.01	1927	0.65
311	17	0.01	1944	0.66
312	20	0.01	1964	0.66
313	23	0.01	1987	0.67
314	38	0.01	2025	0.68
315	13	0.00	2038	0.69
316	29	0.01	2067	0.70
317	26	0.01	2093	0.71
318	30	0.01	2123	0.72
319	31	0.01	2154	0.73
320	53	0.02	2207	0.75
321	18	0.01	2225	0.75
322	77	0.03	2302	0.78
323	27	0.01	2329	0.79
324	36	0.01	2365	0.80
325	53	0.02	2418	0.82
326	38	0.01	2456	0.83
327	43	0.01	2499	0.84
328	79	0.03	2578	0.87
329	70	0.02	2648	0.89
330	27	0.01	2675	0.90
331	73	0.02	2748	0.93
332	52	0.02	2800	0.95
333	75	0.03	2875	0.97
334	53	0.02	2928	0.99
335	49	0.02	2977	1.01
336	85	0.03	3062	1.03
337	52	0.02	3114	1.05
338	34	0.01	3148	1.06
339	59	0.02	3207	1.08
340	46	0.02	3253	1.10
341	39	0.01	3292	1.11
342	66	0.02	3358	1.13
343	46	0.02	3404	1.15
344	55	0.02	3459	1.17
345	45	0.02	3504	1.18
346	29	0.01	3533	1.19
347	88	0.03	3621	1.22
348	24	0.01	3645	1.23
349	55	0.02	3700	1.25
350	74	0.02	3774	1.27
351	31	0.01	3805	1.28
352	63	0.02	3868	1.31
353	70	0.02	3938	1.33
354	72	0.02	4010	1.35
355	74	0.02	4084	1.38
356	66	0.02	4150	1.40
357	103	0.03	4253	1.44
358	86	0.03	4339	1.46
359	82	0.03	4421	1.49
360	66	0.02	4487	1.51
361	100	0.03	4587	1.55
362	90	0.03	4677	1.58
363	146	0.05	4823	1.63
364	44	0.01	4867	1.64
365	103	0.03	4970	1.68
366	147	0.05	5117	1.73
367	54	0.02	5171	1.75
368	125	0.04	5296	1.79
369	136	0.05	5432	1.83
370	116	0.04	5548	1.87
371	98	0.03	5646	1.91
372	170	0.06	5816	1.96
373	140	0.05	5956	2.01
374	117	0.04	6073	2.05
375	146	0.05	6219	2.10
376	171	0.06	6390	2.16
377	196	0.07	6586	2.22
378	125	0.04	6711	2.27
379	184	0.06	6895	2.33
380	138	0.05	7033	2.37

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 3: Grades 6-8 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
381	191	0.06	7224	2.44
382	201	0.07	7425	2.51
383	115	0.04	7540	2.55
384	276	0.09	7816	2.64
385	202	0.07	8018	2.71
386	172	0.06	8190	2.76
387	177	0.06	8367	2.82
388	166	0.06	8533	2.88
389	204	0.07	8737	2.95
390	164	0.06	8901	3.00
391	275	0.09	9176	3.10
392	198	0.07	9374	3.16
393	186	0.06	9560	3.23
394	172	0.06	9732	3.29
395	187	0.06	9919	3.35
396	192	0.06	10111	3.41
397	192	0.06	10303	3.48
398	156	0.05	10459	3.53
399	214	0.07	10673	3.60
400	77	0.03	10750	3.63
401	246	0.08	10996	3.71
402	60	0.02	11056	3.73
403	288	0.10	11344	3.83
404	81	0.03	11425	3.86
405	224	0.08	11649	3.93
406	107	0.04	11756	3.97
407	222	0.07	11978	4.04
408	155	0.05	12133	4.10
409	104	0.04	12237	4.13
410	258	0.09	12495	4.22
411	93	0.03	12588	4.25
412	154	0.05	12742	4.30
413	221	0.07	12963	4.38
414	135	0.05	13098	4.42
415	147	0.05	13245	4.47
416	254	0.09	13499	4.56
417	160	0.05	13659	4.61
418	150	0.05	13809	4.66
419	270	0.09	14079	4.75
420	192	0.06	14271	4.82
421	183	0.06	14454	4.88
422	167	0.06	14621	4.94
423	266	0.09	14887	5.03
424	206	0.07	15093	5.10
425	169	0.06	15262	5.15
426	216	0.07	15478	5.23
427	311	0.10	15789	5.33
428	264	0.09	16053	5.42
429	242	0.08	16295	5.50
430	248	0.08	16543	5.58
431	239	0.08	16782	5.67
432	319	0.11	17101	5.77
433	302	0.10	17403	5.88
434	278	0.09	17681	5.97
435	283	0.10	17964	6.06
436	305	0.10	18269	6.17
437	388	0.13	18657	6.30
438	351	0.12	19008	6.42
439	339	0.11	19347	6.53
440	321	0.11	19668	6.64
441	359	0.12	20027	6.76
442	366	0.12	20393	6.88
443	375	0.13	20768	7.01
444	532	0.18	21300	7.19
445	359	0.12	21659	7.31
446	414	0.14	22073	7.45
447	436	0.15	22509	7.60
448	410	0.14	22919	7.74
449	479	0.16	23398	7.90
450	560	0.19	23958	8.09
451	512	0.17	24470	8.26
452	605	0.20	25075	8.47
453	587	0.20	25662	8.66
454	525	0.18	26187	8.84
455	598	0.20	26785	9.04
456	662	0.22	27447	9.27
457	599	0.20	28046	9.47
458	655	0.22	28701	9.69
459	687	0.23	29388	9.92
460	653	0.22	30041	10.14
461	709	0.24	30750	10.38
462	737	0.25	31487	10.63
463	843	0.28	32330	10.91
464	781	0.26	33111	11.18
465	867	0.29	33978	11.47
466	828	0.28	34806	11.75
467	905	0.31	35711	12.06
468	1019	0.34	36730	12.40
469	1012	0.34	37742	12.74
470	997	0.34	38739	13.08
471	996	0.34	39735	13.41
472	1181	0.40	40916	13.81
473	1064	0.36	41980	14.17
474	1100	0.37	43080	14.54
475	1352	0.46	44432	15.00
476	1202	0.41	45634	15.41

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 3: Grades 6-8 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
477	1390	0.47	47024	15.87
478	1418	0.48	48442	16.35
479	1243	0.42	49685	16.77
480	1506	0.51	51191	17.28
481	1521	0.51	52712	17.80
482	1634	0.55	54346	18.35
483	1727	0.58	56073	18.93
484	1564	0.53	57637	19.46
485	1756	0.59	59393	20.05
486	1512	0.51	60905	20.56
487	2024	0.68	62929	21.24
488	1978	0.67	64907	21.91
489	1781	0.60	66688	22.51
490	2122	0.72	68810	23.23
491	2170	0.73	70980	23.96
492	2106	0.71	73086	24.67
493	2309	0.78	75395	25.45
494	2045	0.69	77440	26.14
495	2434	0.82	79874	26.96
496	2174	0.73	82048	27.70
497	2458	0.83	84506	28.53
498	2419	0.82	86925	29.34
499	2431	0.82	89356	30.17
500	2430	0.82	91786	30.99
501	2644	0.89	94430	31.88
502	2609	0.88	97039	32.76
503	2837	0.96	99876	33.72
504	2654	0.90	102530	34.61
505	2469	0.83	104999	35.45
506	3072	1.04	108071	36.48
507	2546	0.86	110617	37.34
508	2880	0.97	113497	38.32
509	2836	0.96	116333	39.27
510	2992	1.01	119325	40.28
511	3320	1.12	122645	41.40
512	2268	0.77	124913	42.17
513	3189	1.08	128102	43.25
514	3247	1.10	131349	44.34
515	2419	0.82	133768	45.16
516	3072	1.04	136840	46.20
517	3488	1.18	140328	47.37
518	2328	0.79	142656	48.16
519	3054	1.03	145710	49.19
520	3280	1.11	148990	50.30
521	2521	0.85	151511	51.15
522	2883	0.97	154394	52.12
523	3304	1.12	157698	53.24
524	3178	1.07	160876	54.31
525	2714	0.92	163590	55.23
526	3105	1.05	166695	56.27
527	3111	1.05	169806	57.32
528	2731	0.92	172537	58.25
529	2729	0.92	175266	59.17
530	3346	1.13	178612	60.30
531	2736	0.92	181348	61.22
532	2889	0.98	184237	62.20
533	3016	1.02	187253	63.21
534	2399	0.81	189652	64.02
535	3140	1.06	192792	65.08
536	2503	0.84	195295	65.93
537	3067	1.04	198362	66.96
538	2337	0.79	200699	67.75
539	2920	0.99	203619	68.74
540	2793	0.94	206412	69.68
541	2324	0.78	208736	70.47
542	2620	0.88	211356	71.35
543	2490	0.84	213846	72.19
544	2601	0.88	216447	73.07
545	2232	0.75	218679	73.82
546	2390	0.81	221069	74.63
547	2439	0.82	223508	75.45
548	2480	0.84	225988	76.29
549	2056	0.69	228044	76.99
550	2075	0.70	230119	77.69
551	2417	0.82	232536	78.50
552	1980	0.67	234516	79.17
553	1884	0.64	236400	79.81
554	2077	0.70	238477	80.51
555	1983	0.67	240460	81.18
556	1858	0.63	242318	81.80
557	1708	0.58	244026	82.38
558	2034	0.69	246060	83.07
559	1665	0.56	247725	83.63
560	1597	0.54	249322	84.17
561	1786	0.60	251108	84.77
562	1175	0.40	252283	85.17
563	1884	0.64	254167	85.80
564	1081	0.36	255248	86.17
565	1608	0.54	256856	86.71
566	1352	0.46	258208	87.17
567	1025	0.35	259233	87.51
568	1556	0.53	260789	88.04
569	918	0.31	261707	88.35
570	1488	0.50	263195	88.85
571	979	0.33	264174	89.18
572	1259	0.43	265433	89.61

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 3: Grades 6-8 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
573	993	0.34	266426	89.94
574	836	0.28	267262	90.22
575	1204	0.41	268466	90.63
576	853	0.29	269319	90.92
577	1039	0.35	270358	91.27
578	886	0.30	271244	91.57
579	654	0.22	271898	91.79
580	875	0.30	272773	92.09
581	614	0.21	273387	92.29
582	1059	0.36	274446	92.65
583	551	0.19	274997	92.84
584	854	0.29	275851	93.12
585	451	0.15	276302	93.28
586	564	0.19	276866	93.47
587	861	0.29	277727	93.76
588	422	0.14	278149	93.90
589	530	0.18	278679	94.08
590	392	0.13	279071	94.21
591	761	0.26	279832	94.47
592	325	0.11	280157	94.58
593	388	0.13	280545	94.71
594	512	0.17	281057	94.88
595	406	0.14	281463	95.02
596	386	0.13	281849	95.15
597	321	0.11	282170	95.26
598	382	0.13	282552	95.39
599	347	0.12	282899	95.50
600	224	0.08	283123	95.58
601	519	0.18	283642	95.75
602	267	0.09	283909	95.84
603	270	0.09	284179	95.94
604	144	0.05	284323	95.98
605	337	0.11	284660	96.10
606	333	0.11	284993	96.21
607	150	0.05	285143	96.26
608	325	0.11	285468	96.37
609	156	0.05	285624	96.42
610	325	0.11	285949	96.53
611	178	0.06	286127	96.59
612	239	0.08	286366	96.67
613	289	0.10	286655	96.77
614	199	0.07	286854	96.84
615	253	0.09	287107	96.92
616	158	0.05	287265	96.98
617	396	0.13	287661	97.11
618	238	0.08	287899	97.19
619	128	0.04	288027	97.23
620	262	0.09	288289	97.32
621	240	0.08	288529	97.40
622	311	0.10	288840	97.51
623	175	0.06	289015	97.57
624	393	0.13	289408	97.70
625	136	0.05	289544	97.75
626	320	0.11	289864	97.85
627	290	0.10	290154	97.95
628	190	0.06	290344	98.02
629	328	0.11	290672	98.13
630	178	0.06	290850	98.19
631	315	0.11	291165	98.29
632	277	0.09	291442	98.39
633	139	0.05	291581	98.43
634	361	0.12	291942	98.56
635	184	0.06	292126	98.62
636	343	0.12	292469	98.73
637	316	0.11	292785	98.84
638	248	0.08	293033	98.92
639	180	0.06	293213	98.99
640	125	0.04	293338	99.03
641	308	0.10	293646	99.13
642	199	0.07	293845	99.20
643	174	0.06	294019	99.26
644	226	0.08	294245	99.33
645	82	0.03	294327	99.36
646	193	0.07	294520	99.43
648	381	0.13	294901	99.56
649	12	0.00	294913	99.56
650	107	0.04	295020	99.60
651	25	0.01	295045	99.60
652	161	0.05	295206	99.66
653	137	0.05	295343	99.70
655	104	0.04	295447	99.74
656	5	0.00	295452	99.74
657	145	0.05	295597	99.79
658	32	0.01	295629	99.80
659	91	0.03	295720	99.83
660	58	0.02	295778	99.85
662	43	0.01	295821	99.87
664	153	0.05	295974	99.92
666	9	0.00	295983	99.92
667	42	0.01	296025	99.93
668	10	0.00	296035	99.94
670	51	0.02	296086	99.96
671	11	0.00	296097	99.96
672	1	0.00	296098	99.96
673	40	0.01	296138	99.97
675	18	0.01	296156	99.98

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 3: Grades 6-8 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
678	2	0.00	296158	99.98
681	24	0.01	296182	99.99
682	5	0.00	296187	99.99
684	26	0.01	296213	100.00
689	1	0.00	296214	100.00
692	4	0.00	296218	100.00

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Listening/Speaking, Grade Span 4: Grades 9-12

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	13140	5.49	13140	5.49
294	51	0.02	13191	5.51
328	33	0.01	13224	5.53
345	192	0.08	13416	5.61
356	75	0.03	13491	5.64
365	45	0.02	13536	5.66
372	55	0.02	13591	5.68
378	68	0.03	13659	5.71
383	162	0.07	13821	5.78
387	94	0.04	13915	5.82
391	110	0.05	14025	5.86
395	124	0.05	14149	5.91
398	112	0.05	14261	5.96
401	167	0.07	14428	6.03
404	138	0.06	14566	6.09
407	160	0.07	14726	6.15
410	187	0.08	14913	6.23
413	218	0.09	15131	6.32
415	463	0.19	15594	6.52
418	334	0.14	15928	6.66
420	340	0.14	16268	6.80
423	357	0.15	16625	6.95
425	422	0.18	17047	7.12
427	505	0.21	17552	7.34
430	480	0.20	18032	7.54
432	519	0.22	18551	7.75
434	523	0.22	19074	7.97
437	629	0.26	19703	8.23
439	707	0.30	20410	8.53
441	808	0.34	21218	8.87
444	914	0.38	22132	9.25
446	1060	0.44	23192	9.69
449	1162	0.49	24354	10.18
451	1287	0.54	25641	10.72
453	1462	0.61	27103	11.33
456	1598	0.67	28701	12.00
458	1715	0.72	30416	12.71
461	1828	0.76	32244	13.48
463	2070	0.87	34314	14.34
466	2209	0.92	36523	15.26
469	2408	1.01	38931	16.27
471	2682	1.12	41613	17.39
474	2807	1.17	44420	18.56
477	3013	1.26	47433	19.82
480	3094	1.29	50527	21.12
483	3688	1.54	54215	22.66
486	4151	1.73	58366	24.39
489	4854	2.03	63220	26.42
493	5662	2.37	68882	28.79
496	6451	2.70	75333	31.48
500	7347	3.07	82680	34.55
504	8238	3.44	90918	38.00
508	9341	3.90	100259	41.90
512	9863	4.12	110122	46.02
516	10430	4.36	120552	50.38
521	10400	4.35	130952	54.73
527	13473	5.63	144425	60.36
528	1	0.00	144426	60.36
529	12	0.01	144438	60.37
530	1	0.00	144439	60.37
532	3746	1.57	148185	61.93
533	9240	3.86	157425	65.79
534	1	0.00	157426	65.79
535	13	0.01	157439	65.80
536	2	0.00	157441	65.80
537	4	0.00	157445	65.80
538	3656	1.53	161101	67.33
539	1	0.00	161102	67.33
540	8130	3.40	169232	70.73
542	6	0.00	169238	70.73
544	3569	1.49	172807	72.22
546	3	0.00	172810	72.22
547	9228	3.86	182038	76.08
548	2	0.00	182040	76.08
549	12	0.01	182052	76.09
550	3460	1.45	185512	77.53
551	2	0.00	185514	77.53
552	2	0.00	185516	77.53
554	5	0.00	185521	77.54
555	9802	4.10	195323	81.63
557	3174	1.33	198497	82.96
559	1	0.00	198498	82.96
562	3	0.00	198501	82.96
565	11726	4.90	210227	87.86
567	5	0.00	210232	87.86
571	2	0.00	210234	87.86
572	1	0.00	210235	87.86
573	2130	0.89	212365	88.75
575	6885	2.88	219250	91.63
576	1	0.00	219251	91.63
578	2	0.00	219253	91.63
581	3	0.00	219256	91.63
582	2	0.00	219258	91.64
583	1606	0.67	220864	92.31
587	1	0.00	220865	92.31
588	2859	1.19	223724	93.50

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Listening/Speaking, Grade Span 4: Grades 9-12 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
592	3	0.00	223727	93.50
594	1036	0.43	224763	93.94
602	1996	0.83	226759	94.77
605	1	0.00	226760	94.77
607	1102	0.46	227862	95.23
609	1	0.00	227863	95.23
617	1	0.00	227864	95.23
620	2576	1.08	230440	96.31
624	946	0.40	231386	96.70
638	2	0.00	231388	96.71
644	2906	1.21	234294	97.92
650	1	0.00	234295	97.92
651	789	0.33	235084	98.25
682	2667	1.11	237751	99.36
700	1	0.00	237752	99.36
710	1520	0.64	239272	100.00

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CELDT 2002 Annual Data
Scale Score Frequency Distribution
Reading, Grade Span 4: Grades 9-12

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
340	6551	2.74	6551	2.74
396	839	0.35	7390	3.09
425	1303	0.54	8693	3.63
441	1839	0.77	10532	4.40
453	2488	1.04	13020	5.44
462	2860	1.20	15880	6.64
470	3339	1.40	19219	8.03
476	3807	1.59	23026	9.62
482	3996	1.67	27022	11.29
488	4375	1.83	31397	13.12
493	4689	1.96	36086	15.08
498	5116	2.14	41202	17.22
503	5414	2.26	46616	19.48
507	5703	2.38	52319	21.87
512	6341	2.65	58660	24.52
516	6698	2.80	65358	27.32
520	6984	2.92	72342	30.23
524	7562	3.16	79904	33.39
529	8185	3.42	88089	36.82
533	8792	3.67	96881	40.49
537	9600	4.01	106481	44.50
542	10216	4.27	116697	48.77
547	11250	4.70	127947	53.47
552	12468	5.21	140415	58.68
558	13654	5.71	154069	64.39
565	14852	6.21	168921	70.60
573	16235	6.79	185156	77.38
582	16912	7.07	202068	84.45
596	16488	6.89	218556	91.34
618	13483	5.64	232039	96.98
650	7233	3.02	239272	100.00

CELDT 2002 Annual Data
Scale Score Frequency Distribution
Writing, Grade Span 4: Grades 9-12

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
280	6093	2.55	6093	2.55
356	195	0.08	6288	2.63
379	275	0.11	6563	2.74
392	315	0.13	6878	2.87
401	379	0.16	7257	3.03
408	531	0.22	7788	3.25
414	833	0.35	8621	3.60
420	985	0.41	9606	4.01
426	1115	0.47	10721	4.48
431	1446	0.60	12167	5.09
437	1883	0.79	14050	5.87
442	2323	0.97	16373	6.84
448	2711	1.13	19084	7.98
454	3198	1.34	22282	9.31
460	3987	1.67	26269	10.98
467	4852	2.03	31121	13.01
474	5925	2.48	37046	15.48
480	7377	3.08	44423	18.57
487	9336	3.90	53759	22.47
498	12006	5.02	65765	27.49
502	15522	6.49	81287	33.97
511	20732	8.66	102019	42.64
521	26381	11.03	128400	53.66
533	30798	12.87	159198	66.53
547	28575	11.94	187773	78.48
561	22277	9.31	210050	87.79
576	15237	6.37	225287	94.16
593	8878	3.71	234165	97.87
615	3900	1.63	238065	99.50
650	1109	0.46	239174	99.96
700	98	0.04	239272	100.00

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 4: Grades 9-12

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
265	1243	0.52	1243	0.52
279	13	0.01	1256	0.52
284	6	0.00	1262	0.53
286	10	0.00	1272	0.53
289	7	0.00	1279	0.53
290	13	0.01	1292	0.54
293	22	0.01	1314	0.55
295	26	0.01	1340	0.56
297	33	0.01	1373	0.57
298	22	0.01	1395	0.58
299	13	0.01	1408	0.59
300	28	0.01	1436	0.60
301	14	0.01	1450	0.61
302	31	0.01	1481	0.62
303	12	0.01	1493	0.62
304	7	0.00	1500	0.63
305	18	0.01	1518	0.63
306	6	0.00	1524	0.64
307	14	0.01	1538	0.64
308	6	0.00	1544	0.65
309	20	0.01	1564	0.65
310	3	0.00	1567	0.65
311	16	0.01	1583	0.66
312	15	0.01	1598	0.67
313	7	0.00	1605	0.67
314	21	0.01	1626	0.68
315	25	0.01	1651	0.69
316	21	0.01	1672	0.70
318	39	0.02	1711	0.72
319	28	0.01	1739	0.73
320	25	0.01	1764	0.74
321	27	0.01	1791	0.75
322	31	0.01	1822	0.76
323	33	0.01	1855	0.78
324	8	0.00	1863	0.78
325	63	0.03	1926	0.80
326	29	0.01	1955	0.82
327	31	0.01	1986	0.83
328	61	0.03	2047	0.86
329	65	0.03	2112	0.88
330	36	0.02	2148	0.90
331	53	0.02	2201	0.92
332	92	0.04	2293	0.96
333	57	0.02	2350	0.98
334	54	0.02	2404	1.00
335	74	0.03	2478	1.04
336	65	0.03	2543	1.06
337	52	0.02	2595	1.08
338	85	0.04	2680	1.12
339	72	0.03	2752	1.15
340	29	0.01	2781	1.16
341	81	0.03	2862	1.20
342	96	0.04	2958	1.24
343	32	0.01	2990	1.25
344	94	0.04	3084	1.29
345	78	0.03	3162	1.32
346	65	0.03	3227	1.35
347	62	0.03	3289	1.37
348	70	0.03	3359	1.40
349	64	0.03	3423	1.43
350	79	0.03	3502	1.46
351	63	0.03	3565	1.49
352	69	0.03	3634	1.52
353	62	0.03	3696	1.54
354	70	0.03	3766	1.57
355	84	0.04	3850	1.61
356	71	0.03	3921	1.64
357	86	0.04	4007	1.67
358	83	0.03	4090	1.71
359	82	0.03	4172	1.74
360	103	0.04	4275	1.79
361	97	0.04	4372	1.83
362	114	0.05	4486	1.87
363	83	0.03	4569	1.91
364	127	0.05	4696	1.96
365	111	0.05	4807	2.01
366	128	0.05	4935	2.06
367	140	0.06	5075	2.12
368	139	0.06	5214	2.18
369	103	0.04	5317	2.22
370	142	0.06	5459	2.28
371	186	0.08	5645	2.36
372	153	0.06	5798	2.42
373	196	0.08	5994	2.51
374	197	0.08	6191	2.59
375	254	0.11	6445	2.69
376	97	0.04	6542	2.73
377	246	0.10	6788	2.84
378	195	0.08	6983	2.92
379	223	0.09	7206	3.01
380	151	0.06	7357	3.07
381	368	0.15	7725	3.23
382	204	0.09	7929	3.31
383	284	0.12	8213	3.43
384	340	0.14	8553	3.57
385	170	0.07	8723	3.65

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 4: Grades 9-12 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
386	379	0.16	9102	3.80
387	66	0.03	9168	3.83
388	448	0.19	9616	4.02
389	215	0.09	9831	4.11
390	257	0.11	10088	4.22
391	124	0.05	10212	4.27
392	483	0.20	10695	4.47
393	316	0.13	11011	4.60
394	63	0.03	11074	4.63
395	584	0.24	11658	4.87
396	106	0.04	11764	4.92
397	255	0.11	12019	5.02
398	104	0.04	12123	5.07
399	488	0.20	12611	5.27
400	39	0.02	12650	5.29
401	373	0.16	13023	5.44
402	47	0.02	13070	5.46
403	406	0.17	13476	5.63
404	226	0.09	13702	5.73
405	201	0.08	13903	5.81
406	25	0.01	13928	5.82
407	310	0.13	14238	5.95
408	219	0.09	14457	6.04
409	326	0.14	14783	6.18
410	36	0.02	14819	6.19
411	261	0.11	15080	6.30
412	369	0.15	15449	6.46
413	223	0.09	15672	6.55
414	58	0.02	15730	6.57
415	248	0.10	15978	6.68
416	157	0.07	16135	6.74
417	70	0.03	16205	6.77
418	372	0.16	16577	6.93
419	66	0.03	16643	6.96
420	172	0.07	16815	7.03
421	281	0.12	17096	7.15
422	54	0.02	17150	7.17
423	73	0.03	17223	7.20
424	120	0.05	17343	7.25
425	233	0.10	17576	7.35
426	166	0.07	17742	7.41
427	154	0.06	17896	7.48
428	311	0.13	18207	7.61
429	115	0.05	18322	7.66
430	136	0.06	18458	7.71
431	146	0.06	18604	7.78
432	297	0.12	18901	7.90
433	157	0.07	19058	7.96
434	150	0.06	19208	8.03
435	201	0.08	19409	8.11
436	151	0.06	19560	8.17
437	345	0.14	19905	8.32
438	198	0.08	20103	8.40
439	205	0.09	20308	8.49
440	220	0.09	20528	8.58
441	240	0.10	20768	8.68
442	353	0.15	21121	8.83
443	281	0.12	21402	8.94
444	262	0.11	21664	9.05
445	258	0.11	21922	9.16
446	282	0.12	22204	9.28
447	322	0.13	22526	9.41
448	335	0.14	22861	9.55
449	374	0.16	23235	9.71
450	339	0.14	23574	9.85
451	416	0.17	23990	10.03
452	378	0.16	24368	10.18
453	355	0.15	24723	10.33
454	429	0.18	25152	10.51
455	410	0.17	25562	10.68
456	496	0.21	26058	10.89
457	471	0.20	26529	11.09
458	506	0.21	27035	11.30
459	489	0.20	27524	11.50
460	496	0.21	28020	11.71
461	475	0.20	28495	11.91
462	547	0.23	29042	12.14
463	588	0.25	29630	12.38
464	579	0.24	30209	12.63
465	681	0.28	30890	12.91
466	594	0.25	31484	13.16
467	635	0.27	32119	13.42
468	676	0.28	32795	13.71
469	686	0.29	33481	13.99
470	599	0.25	34080	14.24
471	782	0.33	34862	14.57
472	772	0.32	35634	14.89
473	729	0.30	36363	15.20
474	810	0.34	37173	15.54
475	734	0.31	37907	15.84
476	772	0.32	38679	16.17
477	925	0.39	39604	16.55
478	826	0.35	40430	16.90
479	819	0.34	41249	17.24
480	1035	0.43	42284	17.67
481	867	0.36	43151	18.03

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 4: Grades 9-12 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
482	1011	0.42	44162	18.46
483	1050	0.44	45212	18.90
484	947	0.40	46159	19.29
485	1104	0.46	47263	19.75
486	1081	0.45	48344	20.20
487	1074	0.45	49418	20.65
488	1097	0.46	50515	21.11
489	1213	0.51	51728	21.62
490	1190	0.50	52918	22.12
491	1300	0.54	54218	22.66
492	1189	0.50	55407	23.16
493	1331	0.56	56738	23.71
494	1244	0.52	57982	24.23
495	1332	0.56	59314	24.79
496	1525	0.64	60839	25.43
497	1516	0.63	62355	26.06
498	1537	0.64	63892	26.70
499	1511	0.63	65403	27.33
500	1632	0.68	67035	28.02
501	1650	0.69	68685	28.71
502	1796	0.75	70481	29.46
503	1614	0.67	72095	30.13
504	1877	0.78	73972	30.92
505	1761	0.74	75733	31.65
506	1852	0.77	77585	32.43
507	1759	0.74	79344	33.16
508	1846	0.77	81190	33.93
509	1891	0.79	83081	34.72
510	1909	0.80	84990	35.52
511	1957	0.82	86947	36.34
512	1927	0.81	88874	37.14
513	1962	0.82	90836	37.96
514	1962	0.82	92798	38.78
515	2288	0.96	95086	39.74
516	1940	0.81	97026	40.55
517	2347	0.98	99373	41.53
518	1910	0.80	101283	42.33
519	2469	1.03	103752	43.36
520	2054	0.86	105806	44.22
521	2673	1.12	108479	45.34
522	2055	0.86	110534	46.20
523	2541	1.06	113075	47.26
524	2136	0.89	115211	48.15
525	2380	0.99	117591	49.15
526	2285	0.95	119876	50.10
527	2415	1.01	122291	51.11
528	2432	1.02	124723	52.13
529	2362	0.99	127085	53.11
530	2669	1.12	129754	54.23
531	2229	0.93	131983	55.16
532	2583	1.08	134566	56.24
533	2303	0.96	136869	57.20
534	2696	1.13	139565	58.33
535	2277	0.95	141842	59.28
536	2447	1.02	144289	60.30
537	2530	1.06	146819	61.36
538	2401	1.00	149220	62.36
539	2446	1.02	151666	63.39
540	2436	1.02	154102	64.40
541	2535	1.06	156637	65.46
542	2311	0.97	158948	66.43
543	2616	1.09	161564	67.52
544	2087	0.87	163651	68.40
545	2628	1.10	166279	69.49
546	1909	0.80	168188	70.29
547	2098	0.88	170286	71.17
548	2561	1.07	172847	72.24
549	2303	0.96	175150	73.20
550	1846	0.77	176996	73.97
551	2220	0.93	179216	74.90
552	2356	0.98	181572	75.89
553	2285	0.95	183857	76.84
554	1778	0.74	185635	77.58
555	2369	0.99	188004	78.57
556	1493	0.62	189497	79.20
557	2239	0.94	191736	80.13
558	1483	0.62	193219	80.75
559	2263	0.95	195482	81.70
560	1635	0.68	197117	82.38
561	1357	0.57	198474	82.95
562	1784	0.75	200258	83.69
563	1677	0.70	201935	84.40
564	1993	0.83	203928	85.23
565	1047	0.44	204975	85.67
566	1648	0.69	206623	86.35
567	1179	0.49	207802	86.85
568	1802	0.75	209604	87.60
569	1209	0.51	210813	88.11
570	950	0.40	211763	88.50
571	1087	0.45	212850	88.96
572	1391	0.58	214241	89.54
573	1236	0.52	215477	90.06
574	889	0.37	216366	90.43
575	822	0.34	217188	90.77
576	1017	0.43	218205	91.20
577	1176	0.49	219381	91.69

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CELDT 2002 Annual Data, Scale Score Frequency Distribution
Overall, Grade Span 4: Grades 9-12 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
578	444	0.19	219825	91.87
579	826	0.35	220651	92.22
580	741	0.31	221392	92.53
581	1130	0.47	222522	93.00
582	517	0.22	223039	93.22
583	495	0.21	223534	93.42
584	505	0.21	224039	93.63
585	969	0.40	225008	94.04
586	684	0.29	225692	94.32
587	225	0.09	225917	94.42
588	462	0.19	226379	94.61
589	492	0.21	226871	94.82
590	758	0.32	227629	95.13
591	290	0.12	227919	95.26
592	354	0.15	228273	95.40
593	513	0.21	228786	95.62
594	557	0.23	229343	95.85
595	415	0.17	229758	96.02
596	295	0.12	230053	96.15
597	280	0.12	230333	96.26
598	424	0.18	230757	96.44
599	302	0.13	231059	96.57
600	224	0.09	231283	96.66
601	237	0.10	231520	96.76
602	265	0.11	231785	96.87
603	325	0.14	232110	97.01
604	331	0.14	232441	97.15
605	199	0.08	232640	97.23
606	153	0.06	232793	97.29
607	387	0.16	233180	97.45
608	112	0.05	233292	97.50
609	226	0.09	233518	97.60
610	160	0.07	233678	97.66
611	309	0.13	233987	97.79
612	227	0.09	234214	97.89
613	166	0.07	234380	97.96
614	203	0.08	234583	98.04
615	208	0.09	234791	98.13
616	188	0.08	234979	98.21
617	132	0.06	235111	98.26
618	100	0.04	235211	98.30
619	189	0.08	235400	98.38
620	236	0.10	235636	98.48
621	143	0.06	235779	98.54
622	91	0.04	235870	98.58
623	148	0.06	236018	98.64
624	272	0.11	236290	98.75
625	27	0.01	236317	98.77
626	201	0.08	236518	98.85
627	40	0.02	236558	98.87
628	245	0.10	236803	98.97
629	44	0.02	236847	98.99
630	176	0.07	237023	99.06
631	41	0.02	237064	99.08
632	172	0.07	237236	99.15
633	81	0.03	237317	99.18
634	130	0.05	237447	99.24
635	116	0.05	237563	99.29
636	67	0.03	237630	99.31
637	81	0.03	237711	99.35
638	106	0.04	237817	99.39
639	91	0.04	237908	99.43
640	138	0.06	238046	99.49
641	24	0.01	238070	99.50
642	53	0.02	238123	99.52
643	139	0.06	238262	99.58
644	92	0.04	238354	99.62
645	4	0.00	238358	99.62
646	62	0.03	238420	99.64
647	73	0.03	238493	99.67
648	72	0.03	238565	99.70
649	102	0.04	238667	99.75
650	21	0.01	238688	99.76
651	55	0.02	238743	99.78
652	42	0.02	238785	99.80
653	53	0.02	238838	99.82
654	39	0.02	238877	99.83
655	2	0.00	238879	99.84
657	127	0.05	239006	99.89
658	15	0.01	239021	99.90
659	1	0.00	239022	99.90
660	2	0.00	239024	99.90
661	47	0.02	239071	99.92
663	32	0.01	239103	99.93
665	44	0.02	239147	99.95
666	27	0.01	239174	99.96
671	42	0.02	239216	99.98
672	19	0.01	239235	99.98
678	3	0.00	239238	99.99
680	26	0.01	239264	100.00
684	5	0.00	239269	100.00
692	3	0.00	239272	100.00

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Listening/Speaking, Grade Span 1: Grades K-2

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	37059	12.89	37059	12.89
283	1421	0.49	38480	13.38
321	1847	0.64	40327	14.02
340	1372	0.48	41699	14.50
352	1653	0.57	43352	15.08
361	1874	0.65	45226	15.73
369	1655	0.58	46881	16.30
375	1687	0.59	48568	16.89
380	1783	0.62	50351	17.51
385	2014	0.70	52365	18.21
389	2190	0.76	54555	18.97
393	2373	0.83	56928	19.80
397	2605	0.91	59533	20.70
400	2654	0.92	62187	21.63
403	2890	1.01	65077	22.63
406	3002	1.04	68079	23.67
409	3144	1.09	71223	24.77
412	3127	1.09	74350	25.86
414	3198	1.11	77548	26.97
417	3327	1.16	80875	28.12
419	3367	1.17	84242	29.30
422	3187	1.11	87429	30.40
424	3445	1.20	90874	31.60
427	3419	1.19	94293	32.79
429	3405	1.18	97698	33.97
432	3538	1.23	101236	35.21
434	3661	1.27	104897	36.48
436	3652	1.27	108549	37.75
439	3762	1.31	112311	39.06
441	3840	1.34	116151	40.39
444	4112	1.43	120263	41.82
446	4320	1.50	124583	43.32
449	4483	1.56	129066	44.88
452	4461	1.55	133527	46.43
455	4676	1.63	138203	48.06
458	4969	1.73	143172	49.79
461	5121	1.78	148293	51.57
464	5193	1.81	153486	53.38
467	5395	1.88	158881	55.25
470	5581	1.94	164462	57.19
474	5702	1.98	170164	59.17
477	5861	2.04	176025	61.21
481	6065	2.11	182090	63.32
485	6088	2.12	188178	65.44
489	6103	2.12	194281	67.56
493	6371	2.22	200652	69.78
497	6313	2.20	206965	71.97
502	6272	2.18	213237	74.15
506	6913	2.40	220150	76.56
510	6656	2.31	226806	78.87
515	6648	2.31	233454	81.18
520	6853	2.38	240307	83.57
526	6450	2.24	246757	85.81
533	5914	2.06	252671	87.87
540	5331	1.85	258002	89.72
548	4658	1.62	262660	91.34
557	4076	1.42	266736	92.76
567	3704	1.29	270440	94.05
578	3448	1.20	273888	95.25
590	3416	1.19	277304	96.43
604	3026	1.05	280330	97.49
619	2323	0.81	282653	98.29
637	1489	0.52	284142	98.81
656	607	0.21	284749	99.02
680	705	0.25	285454	99.27
710	2107	0.73	287561	100.00

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CELDT 2002 Initial Data
Scale Score Frequency Distribution
Reading, Grade Span 1: Grade 2

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
340	6686	25.27	6686	25.27
365	600	2.27	7286	27.54
384	656	2.48	7942	30.02
397	823	3.11	8765	33.13
408	930	3.51	9695	36.64
417	894	3.38	10589	40.02
425	907	3.43	11496	43.45
431	842	3.18	12338	46.63
437	877	3.31	13215	49.95
442	800	3.02	14015	52.97
446	747	2.82	14762	55.79
451	700	2.65	15462	58.44
455	625	2.36	16087	60.80
459	614	2.32	16701	63.12
464	649	2.45	17350	65.57
468	713	2.69	18063	68.27
473	678	2.56	18741	70.83
477	719	2.72	19460	73.55
482	797	3.01	20257	76.56
488	840	3.17	21097	79.73
494	798	3.02	21895	82.75
501	883	3.34	22778	86.09
509	943	3.56	23721	89.65
519	884	3.34	24605	92.99
531	842	3.18	25447	96.18
551	640	2.42	26087	98.59
630	372	1.41	26459	100.00

CELDT 2002 Initial Data
Scale Score Frequency Distribution
Writing, Grade Span 1: Grade 2

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
280	6430	24.30	6430	24.30
356	484	1.83	6914	26.13
375	482	1.82	7396	27.95
387	559	2.11	7955	30.07
397	524	1.98	8479	32.05
406	545	2.06	9024	34.11
414	566	2.14	9590	36.24
422	653	2.47	10243	38.71
430	633	2.39	10876	41.11
437	709	2.68	11585	43.78
444	725	2.74	12310	46.52
451	761	2.88	13071	49.40
458	752	2.84	13823	52.24
464	848	3.20	14671	55.45
471	832	3.14	15503	58.59
478	895	3.38	16398	61.98
485	960	3.63	17358	65.60
492	1014	3.83	18372	69.44
500	1059	4.00	19431	73.44
508	1104	4.17	20535	77.61
516	1163	4.40	21698	82.01
524	1072	4.05	22770	86.06
532	987	3.73	23757	89.79
540	783	2.96	24540	92.75
549	631	2.38	25171	95.13
557	482	1.82	25653	96.95
566	338	1.28	25991	98.23
577	241	0.91	26232	99.14
591	134	0.51	26366	99.65
613	77	0.29	26443	99.94
640	16	0.06	26459	100.00

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 1: Grades K-2

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	32823	11.41	32823	11.41
265	3309	1.15	36132	12.56
271	46	0.02	36178	12.58
276	25	0.01	36203	12.59
279	21	0.01	36224	12.60
282	31	0.01	36255	12.61
283	1359	0.47	37614	13.08
284	64	0.02	37678	13.10
286	12	0.00	37690	13.11
287	10	0.00	37700	13.11
288	29	0.01	37729	13.12
289	3	0.00	37732	13.12
290	18	0.01	37750	13.13
291	34	0.01	37784	13.14
292	5	0.00	37789	13.14
293	1	0.00	37790	13.14
294	13	0.00	37803	13.15
295	30	0.01	37833	13.16
296	54	0.02	37887	13.18
298	31	0.01	37918	13.19
299	18	0.01	37936	13.19
300	16	0.01	37952	13.20
301	14	0.00	37966	13.20
302	17	0.01	37983	13.21
303	17	0.01	38000	13.21
304	8	0.00	38008	13.22
305	28	0.01	38036	13.23
306	15	0.01	38051	13.23
307	7	0.00	38058	13.23
308	31	0.01	38089	13.25
309	10	0.00	38099	13.25
310	15	0.01	38114	13.25
311	21	0.01	38135	13.26
312	5	0.00	38140	13.26
313	23	0.01	38163	13.27
314	10	0.00	38173	13.27
315	67	0.02	38240	13.30
316	7	0.00	38247	13.30
317	12	0.00	38259	13.30
318	5	0.00	38264	13.31
319	12	0.00	38276	13.31
320	4	0.00	38280	13.31
321	1759	0.61	40039	13.92
322	8	0.00	40047	13.93
323	9	0.00	40056	13.93
324	3	0.00	40059	13.93
325	61	0.02	40120	13.95
326	7	0.00	40127	13.95
327	6	0.00	40133	13.96
328	8	0.00	40141	13.96
329	3	0.00	40144	13.96
330	7	0.00	40151	13.96
331	57	0.02	40208	13.98
332	9	0.00	40217	13.99
333	8	0.00	40225	13.99
334	4	0.00	40229	13.99
335	62	0.02	40291	14.01
336	3	0.00	40294	14.01
337	3	0.00	40297	14.01
338	2	0.00	40299	14.01
339	53	0.02	40352	14.03
340	1302	0.45	41654	14.49
341	4	0.00	41658	14.49
342	60	0.02	41718	14.51
343	4	0.00	41722	14.51
344	7	0.00	41729	14.51
345	74	0.03	41803	14.54
346	5	0.00	41808	14.54
347	78	0.03	41886	14.57
348	6	0.00	41892	14.57
349	78	0.03	41970	14.60
350	9	0.00	41979	14.60
351	99	0.03	42078	14.63
352	1574	0.55	43652	15.18
353	84	0.03	43736	15.21
354	11	0.00	43747	15.21
355	71	0.02	43818	15.24
356	68	0.02	43886	15.26
357	9	0.00	43895	15.26
358	74	0.03	43969	15.29
359	86	0.03	44055	15.32
360	10	0.00	44065	15.32
361	1843	0.64	45908	15.96
362	58	0.02	45966	15.98
363	68	0.02	46034	16.01
364	70	0.02	46104	16.03
365	12	0.00	46116	16.04
366	70	0.02	46186	16.06
367	57	0.02	46243	16.08
368	67	0.02	46310	16.10
369	1613	0.56	47923	16.67
370	22	0.01	47945	16.67
371	51	0.02	47996	16.69
372	58	0.02	48054	16.71
373	37	0.01	48091	16.72
374	41	0.01	48132	16.74

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 1: Grades K-2 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
375	1640	0.57	49772	17.31
376	14	0.00	49786	17.31
377	59	0.02	49845	17.33
378	46	0.02	49891	17.35
379	36	0.01	49927	17.36
380	1699	0.59	51626	17.95
381	44	0.02	51670	17.97
382	38	0.01	51708	17.98
383	25	0.01	51733	17.99
384	42	0.01	51775	18.00
385	1942	0.68	53717	18.68
386	21	0.01	53738	18.69
387	44	0.02	53782	18.70
388	54	0.02	53836	18.72
389	2094	0.73	55930	19.45
390	40	0.01	55970	19.46
391	29	0.01	55999	19.47
392	63	0.02	56062	19.50
393	2269	0.79	58331	20.28
394	31	0.01	58362	20.30
395	56	0.02	58418	20.31
396	27	0.01	58445	20.32
397	2526	0.88	60971	21.20
398	21	0.01	60992	21.21
399	64	0.02	61056	21.23
400	2561	0.89	63617	22.12
401	53	0.02	63670	22.14
402	32	0.01	63702	22.15
403	2849	0.99	66551	23.14
404	32	0.01	66583	23.15
405	23	0.01	66606	23.16
406	2948	1.03	69554	24.19
407	26	0.01	69580	24.20
408	76	0.03	69656	24.22
409	3030	1.05	72686	25.28
410	65	0.02	72751	25.30
411	36	0.01	72787	25.31
412	3070	1.07	75857	26.38
413	28	0.01	75885	26.39
414	3124	1.09	79009	27.48
415	91	0.03	79100	27.51
416	30	0.01	79130	27.52
417	3215	1.12	82345	28.64
418	75	0.03	82420	28.66
419	3283	1.14	85703	29.80
420	51	0.02	85754	29.82
421	73	0.03	85827	29.85
422	3126	1.09	88953	30.93
423	29	0.01	88982	30.94
424	3381	1.18	92363	32.12
425	60	0.02	92423	32.14
426	38	0.01	92461	32.15
427	3400	1.18	95861	33.34
428	46	0.02	95907	33.35
429	3391	1.18	99298	34.53
430	38	0.01	99336	34.54
431	47	0.02	99383	34.56
432	3489	1.21	102872	35.77
433	62	0.02	102934	35.80
434	3594	1.25	106528	37.05
435	44	0.02	106572	37.06
436	3614	1.26	110186	38.32
437	67	0.02	110253	38.34
438	72	0.03	110325	38.37
439	3741	1.30	114066	39.67
440	45	0.02	114111	39.68
441	3828	1.33	117939	41.01
442	54	0.02	117993	41.03
443	63	0.02	118056	41.05
444	4086	1.42	122142	42.48
445	53	0.02	122195	42.49
446	4288	1.49	126483	43.98
447	51	0.02	126534	44.00
448	85	0.03	126619	44.03
449	4450	1.55	131069	45.58
450	99	0.03	131168	45.61
451	77	0.03	131245	45.64
452	4443	1.55	135688	47.19
453	64	0.02	135752	47.21
454	88	0.03	135840	47.24
455	4642	1.61	140482	48.85
456	98	0.03	140580	48.89
457	101	0.04	140681	48.92
458	4932	1.72	145613	50.64
459	79	0.03	145692	50.66
460	99	0.03	145791	50.70
461	5037	1.75	150828	52.45
462	104	0.04	150932	52.49
463	122	0.04	151054	52.53
464	5161	1.79	156215	54.32
465	117	0.04	156332	54.36
466	94	0.03	156426	54.40
467	5331	1.85	161757	56.25
468	124	0.04	161881	56.29
469	100	0.03	161981	56.33
470	5475	1.90	167456	58.23

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 1: Grades K-2 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
471	142	0.05	167598	58.28
472	112	0.04	167710	58.32
473	151	0.05	167861	58.37
474	5583	1.94	173444	60.32
475	144	0.05	173588	60.37
476	117	0.04	173705	60.41
477	5753	2.00	179458	62.41
478	149	0.05	179607	62.46
479	135	0.05	179742	62.51
480	142	0.05	179884	62.56
481	5939	2.07	185823	64.62
482	150	0.05	185973	64.67
483	177	0.06	186150	64.73
484	119	0.04	186269	64.78
485	5963	2.07	192232	66.85
486	147	0.05	192379	66.90
487	129	0.04	192508	66.95
488	176	0.06	192684	67.01
489	5901	2.05	198585	69.06
490	195	0.07	198780	69.13
491	143	0.05	198923	69.18
492	152	0.05	199075	69.23
493	6112	2.13	205187	71.35
494	140	0.05	205327	71.40
495	191	0.07	205518	71.47
496	144	0.05	205662	71.52
497	6070	2.11	211732	73.63
498	171	0.06	211903	73.69
499	182	0.06	212085	73.75
500	184	0.06	212269	73.82
501	140	0.05	212409	73.87
502	5954	2.07	218363	75.94
503	164	0.06	218527	75.99
504	151	0.05	218678	76.05
505	150	0.05	218828	76.10
506	6452	2.24	225280	78.34
507	171	0.06	225451	78.40
508	152	0.05	225603	78.45
509	188	0.07	225791	78.52
510	6084	2.12	231875	80.64
511	171	0.06	232046	80.69
512	149	0.05	232195	80.75
513	155	0.05	232350	80.80
514	156	0.05	232506	80.85
515	5963	2.07	238469	82.93
516	162	0.06	238631	82.98
517	132	0.05	238763	83.03
518	133	0.05	238896	83.08
519	161	0.06	239057	83.13
520	5981	2.08	245038	85.21
521	135	0.05	245173	85.26
522	140	0.05	245313	85.31
523	117	0.04	245430	85.35
524	158	0.05	245588	85.40
525	115	0.04	245703	85.44
526	5514	1.92	251217	87.36
527	118	0.04	251335	87.40
528	157	0.05	251492	87.46
529	104	0.04	251596	87.49
530	155	0.05	251751	87.55
531	99	0.03	251850	87.58
532	156	0.05	252006	87.64
533	4816	1.67	256822	89.31
534	136	0.05	256958	89.36
535	92	0.03	257050	89.39
536	110	0.04	257160	89.43
537	92	0.03	257252	89.46
538	128	0.04	257380	89.50
539	94	0.03	257474	89.54
540	4224	1.47	261698	91.01
541	120	0.04	261818	91.05
542	91	0.03	261909	91.08
543	122	0.04	262031	91.12
544	87	0.03	262118	91.15
545	105	0.04	262223	91.19
546	94	0.03	262317	91.22
547	126	0.04	262443	91.27
548	3601	1.25	266044	92.52
549	121	0.04	266165	92.56
550	81	0.03	266246	92.59
551	127	0.04	266373	92.63
552	67	0.02	266440	92.66
553	116	0.04	266556	92.70
554	68	0.02	266624	92.72
555	90	0.03	266714	92.75
556	75	0.03	266789	92.78
557	3255	1.13	270044	93.91
558	53	0.02	270097	93.93
559	76	0.03	270173	93.95
560	92	0.03	270265	93.99
561	59	0.02	270324	94.01
562	102	0.04	270426	94.04
563	46	0.02	270472	94.06
564	76	0.03	270548	94.08
565	57	0.02	270605	94.10
566	67	0.02	270672	94.13

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 1: Grades K-2 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
567	2982	1.04	273654	95.16
568	58	0.02	273712	95.18
569	88	0.03	273800	95.21
570	50	0.02	273850	95.23
571	46	0.02	273896	95.25
572	60	0.02	273956	95.27
573	33	0.01	273989	95.28
574	72	0.03	274061	95.31
575	48	0.02	274109	95.32
576	53	0.02	274162	95.34
577	48	0.02	274210	95.36
578	2725	0.95	276935	96.30
579	61	0.02	276996	96.33
580	42	0.01	277038	96.34
581	50	0.02	277088	96.36
582	28	0.01	277116	96.37
583	59	0.02	277175	96.39
584	38	0.01	277213	96.40
585	36	0.01	277249	96.41
586	36	0.01	277285	96.43
587	33	0.01	277318	96.44
588	25	0.01	277343	96.45
589	19	0.01	277362	96.45
590	2457	0.85	279819	97.31
591	16	0.01	279835	97.31
592	31	0.01	279866	97.32
593	22	0.01	279888	97.33
594	18	0.01	279906	97.34
595	31	0.01	279937	97.35
596	21	0.01	279958	97.36
597	29	0.01	279987	97.37
598	43	0.01	280030	97.38
599	17	0.01	280047	97.39
600	32	0.01	280079	97.40
601	12	0.00	280091	97.40
602	26	0.01	280117	97.41
603	20	0.01	280137	97.42
604	2005	0.70	282142	98.12
605	20	0.01	282162	98.12
606	20	0.01	282182	98.13
607	27	0.01	282209	98.14
608	15	0.01	282224	98.14
609	32	0.01	282256	98.16
610	8	0.00	282264	98.16
611	36	0.01	282300	98.17
612	16	0.01	282316	98.18
613	36	0.01	282352	98.19
614	11	0.00	282363	98.19
615	40	0.01	282403	98.21
616	7	0.00	282410	98.21
617	43	0.01	282453	98.22
618	11	0.00	282464	98.23
619	1455	0.51	283919	98.73
620	27	0.01	283946	98.74
621	10	0.00	283956	98.75
622	35	0.01	283991	98.76
623	16	0.01	284007	98.76
624	9	0.00	284016	98.77
625	24	0.01	284040	98.78
626	5	0.00	284045	98.78
627	29	0.01	284074	98.79
629	23	0.01	284097	98.80
630	20	0.01	284117	98.80
632	32	0.01	284149	98.81
634	19	0.01	284168	98.82
635	6	0.00	284174	98.82
636	2	0.00	284176	98.82
637	963	0.33	285139	99.16
638	4	0.00	285143	99.16
639	2	0.00	285145	99.16
640	14	0.00	285159	99.16
641	3	0.00	285162	99.17
645	6	0.00	285168	99.17
646	8	0.00	285176	99.17
647	4	0.00	285180	99.17
649	7	0.00	285187	99.17
650	2	0.00	285189	99.18
651	20	0.01	285209	99.18
652	1	0.00	285210	99.18
654	13	0.00	285223	99.19
656	483	0.17	285706	99.35
660	14	0.00	285720	99.36
665	12	0.00	285732	99.36
672	3	0.00	285735	99.37
680	522	0.18	286257	99.55
710	1304	0.45	287561	100.00

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Listening/Speaking, Grade Span 2: Grades 3-5

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	12495	18.23	12495	18.23
265	66	0.10	12561	18.33
296	160	0.23	12721	18.56
313	148	0.22	12869	18.77
324	170	0.25	13039	19.02
333	197	0.29	13236	19.31
340	242	0.35	13478	19.66
346	276	0.40	13754	20.07
351	311	0.45	14065	20.52
356	350	0.51	14415	21.03
360	341	0.50	14756	21.53
364	367	0.54	15123	22.06
368	373	0.54	15496	22.61
372	264	0.39	15760	22.99
375	275	0.40	16035	23.39
378	257	0.37	16292	23.77
381	275	0.40	16567	24.17
384	279	0.41	16846	24.58
387	269	0.39	17115	24.97
390	280	0.41	17395	25.38
392	266	0.39	17661	25.77
395	262	0.38	17923	26.15
398	263	0.38	18186	26.53
400	225	0.33	18411	26.86
403	224	0.33	18635	27.19
405	229	0.33	18864	27.52
408	218	0.32	19082	27.84
411	232	0.34	19314	28.18
413	222	0.32	19536	28.50
416	239	0.35	19775	28.85
418	222	0.32	19997	29.17
421	246	0.36	20243	29.53
424	273	0.40	20516	29.93
426	291	0.42	20807	30.36
429	317	0.46	21124	30.82
432	288	0.42	21412	31.24
435	371	0.54	21783	31.78
437	415	0.61	22198	32.38
440	491	0.72	22689	33.10
443	511	0.75	23200	33.85
447	616	0.90	23816	34.75
450	647	0.94	24463	35.69
453	691	1.01	25154	36.70
457	540	0.79	25694	37.48
460	658	0.96	26352	38.44
464	743	1.08	27095	39.53
468	809	1.18	27904	40.71
472	1001	1.46	28905	42.17
477	1185	1.73	30090	43.90
482	1334	1.95	31424	45.84
487	1568	2.29	32992	48.13
492	1857	2.71	34849	50.84
498	2153	3.14	37002	53.98
504	2402	3.50	39404	57.49
511	2768	4.04	42172	61.52
519	2978	4.34	45150	65.87
528	2968	4.33	48118	70.20
538	2446	3.57	50564	73.77
549	1612	2.35	52176	76.12
562	2337	3.41	54513	79.53
577	3060	4.46	57573	83.99
594	3643	5.31	61216	89.31
613	3298	4.81	64514	94.12
636	258	0.38	64772	94.50
663	409	0.60	65181	95.09
698	741	1.08	65922	96.17
710	2623	3.83	68545	100.00

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CELDT 2002 Initial Data
Scale Score Frequency Distribution
Reading, Grade Span 2: Grades 3-5

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
340	14693	21.44	14693	21.44
362	651	0.95	15344	22.39
380	801	1.17	16145	23.55
393	1019	1.49	17164	25.04
404	1127	1.64	18291	26.68
412	1252	1.83	19543	28.51
420	1339	1.95	20882	30.46
427	1412	2.06	22294	32.52
434	1351	1.97	23645	34.50
440	1348	1.97	24993	36.46
446	1391	2.03	26384	38.49
451	1360	1.98	27744	40.48
457	1399	2.04	29143	42.52
462	1389	2.03	30532	44.54
467	1481	2.16	32013	46.70
471	1602	2.34	33615	49.04
476	1561	2.28	35176	51.32
481	1627	2.37	36803	53.69
486	1824	2.66	38627	56.35
491	1982	2.89	40609	59.24
496	2164	3.16	42773	62.40
502	2323	3.39	45096	65.79
508	2681	3.91	47777	69.70
514	2787	4.07	50564	73.77
522	3029	4.42	53593	78.19
531	3234	4.72	56827	82.90
542	3430	5.00	60257	87.91
557	3279	4.78	63536	92.69
582	2949	4.30	66485	96.99
640	2060	3.01	68545	100.00

CELDT 2002 Initial Data
Scale Score Frequency Distribution
Writing, Grade Span 2: Grades 3-5

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
280	14536	21.21	14536	21.21
323	609	0.89	15145	22.09
346	675	0.98	15820	23.08
360	665	0.97	16485	24.05
370	667	0.97	17152	25.02
379	641	0.94	17793	25.96
387	645	0.94	18438	26.90
395	598	0.87	19036	27.77
402	699	1.02	19735	28.79
409	754	1.10	20489	29.89
416	807	1.18	21296	31.07
422	912	1.33	22208	32.40
429	1002	1.46	23210	33.86
435	1053	1.54	24263	35.40
442	1199	1.75	25462	37.15
449	1249	1.82	26711	38.97
455	1346	1.96	28057	40.93
462	1516	2.21	29573	43.14
470	1872	2.73	31445	45.87
478	2051	2.99	33496	48.87
487	2424	3.54	35920	52.40
497	2912	4.25	38832	56.65
507	3327	4.85	42159	61.51
517	3824	5.58	45983	67.08
528	4190	6.11	50173	73.20
540	4234	6.18	54407	79.37
552	4246	6.19	58653	85.57
565	3895	5.68	62548	91.25
582	3201	4.67	65749	95.92
605	1936	2.82	67685	98.75
642	753	1.10	68438	99.84
690	107	0.16	68545	100.00

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 2: Grades 3-5

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
265	9500	13.86	9500	13.86
270	62	0.09	9562	13.95
275	99	0.14	9661	14.09
278	66	0.10	9727	14.19
281	129	0.19	9856	14.38
283	41	0.06	9897	14.44
285	99	0.14	9996	14.58
286	43	0.06	10039	14.65
287	94	0.14	10133	14.78
288	20	0.03	10153	14.81
289	50	0.07	10203	14.89
290	32	0.05	10235	14.93
291	83	0.12	10318	15.05
292	6	0.01	10324	15.06
293	43	0.06	10367	15.12
294	32	0.05	10399	15.17
295	79	0.12	10478	15.29
296	1	0.00	10479	15.29
297	90	0.13	10569	15.42
298	21	0.03	10590	15.45
299	66	0.10	10656	15.55
300	33	0.05	10689	15.59
301	71	0.10	10760	15.70
302	10	0.01	10770	15.71
303	177	0.26	10947	15.97
304	3	0.00	10950	15.97
305	114	0.17	11064	16.14
306	37	0.05	11101	16.20
307	85	0.12	11186	16.32
308	46	0.07	11232	16.39
309	80	0.12	11312	16.50
310	24	0.04	11336	16.54
311	172	0.25	11508	16.79
312	32	0.05	11540	16.84
313	62	0.09	11602	16.93
314	39	0.06	11641	16.98
315	64	0.09	11705	17.08
316	31	0.05	11736	17.12
317	131	0.19	11867	17.31
318	22	0.03	11889	17.34
319	41	0.06	11930	17.40
320	42	0.06	11972	17.47
321	141	0.21	12113	17.67
322	43	0.06	12156	17.73
323	29	0.04	12185	17.78
324	32	0.05	12217	17.82
325	179	0.26	12396	18.08
326	17	0.02	12413	18.11
327	37	0.05	12450	18.16
328	190	0.28	12640	18.44
329	20	0.03	12660	18.47
330	221	0.32	12881	18.79
331	10	0.01	12891	18.81
332	18	0.03	12909	18.83
333	242	0.35	13151	19.19
334	13	0.02	13164	19.20
335	221	0.32	13385	19.53
336	19	0.03	13404	19.56
337	209	0.30	13613	19.86
338	27	0.04	13640	19.90
339	244	0.36	13884	20.26
340	12	0.02	13896	20.27
341	162	0.24	14058	20.51
342	161	0.23	14219	20.74
343	14	0.02	14233	20.76
344	153	0.22	14386	20.99
345	147	0.21	14533	21.20
346	28	0.04	14561	21.24
347	146	0.21	14707	21.46
348	129	0.19	14836	21.64
349	30	0.04	14866	21.69
350	117	0.17	14983	21.86
351	118	0.17	15101	22.03
352	117	0.17	15218	22.20
353	34	0.05	15252	22.25
354	99	0.14	15351	22.40
355	117	0.17	15468	22.57
356	92	0.13	15560	22.70
357	101	0.15	15661	22.85
358	25	0.04	15686	22.88
359	84	0.12	15770	23.01
360	102	0.15	15872	23.16
361	95	0.14	15967	23.29
362	34	0.05	16001	23.34
363	96	0.14	16097	23.48
364	72	0.11	16169	23.59
365	92	0.13	16261	23.72
366	52	0.08	16313	23.80
367	99	0.14	16412	23.94
368	71	0.10	16483	24.05
369	101	0.15	16584	24.19
370	33	0.05	16617	24.24
371	72	0.11	16689	24.35
372	90	0.13	16779	24.48
373	94	0.14	16873	24.62
374	43	0.06	16916	24.68

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 2: Grades 3-5 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
375	96	0.14	17012	24.82
376	86	0.13	17098	24.94
377	79	0.12	17177	25.06
378	105	0.15	17282	25.21
379	59	0.09	17341	25.30
380	103	0.15	17444	25.45
381	99	0.14	17543	25.59
382	55	0.08	17598	25.67
383	81	0.12	17679	25.79
384	56	0.08	17735	25.87
385	98	0.14	17833	26.02
386	60	0.09	17893	26.10
387	97	0.14	17990	26.25
388	57	0.08	18047	26.33
389	88	0.13	18135	26.46
390	60	0.09	18195	26.54
391	93	0.14	18288	26.68
392	84	0.12	18372	26.80
393	95	0.14	18467	26.94
394	66	0.10	18533	27.04
395	71	0.10	18604	27.14
396	109	0.16	18713	27.30
397	66	0.10	18779	27.40
398	107	0.16	18886	27.55
399	91	0.13	18977	27.69
400	66	0.10	19043	27.78
401	123	0.18	19166	27.96
402	49	0.07	19215	28.03
403	76	0.11	19291	28.14
404	93	0.14	19384	28.28
405	62	0.09	19446	28.37
406	65	0.09	19511	28.46
407	107	0.16	19618	28.62
408	66	0.10	19684	28.72
409	75	0.11	19759	28.83
410	104	0.15	19863	28.98
411	88	0.13	19951	29.11
412	81	0.12	20032	29.22
413	79	0.12	20111	29.34
414	122	0.18	20233	29.52
415	86	0.13	20319	29.64
416	78	0.11	20397	29.76
417	87	0.13	20484	29.88
418	79	0.12	20563	30.00
419	122	0.18	20685	30.18
420	98	0.14	20783	30.32
421	103	0.15	20886	30.47
422	102	0.15	20988	30.62
423	104	0.15	21092	30.77
424	104	0.15	21196	30.92
425	109	0.16	21305	31.08
426	110	0.16	21415	31.24
427	119	0.17	21534	31.42
428	108	0.16	21642	31.57
429	110	0.16	21752	31.73
430	142	0.21	21894	31.94
431	107	0.16	22001	32.10
432	99	0.14	22100	32.24
433	115	0.17	22215	32.41
434	128	0.19	22343	32.60
435	167	0.24	22510	32.84
436	120	0.18	22630	33.01
437	131	0.19	22761	33.21
438	126	0.18	22887	33.39
439	128	0.19	23015	33.58
440	167	0.24	23182	33.82
441	119	0.17	23301	33.99
442	181	0.26	23482	34.26
443	159	0.23	23641	34.49
444	142	0.21	23783	34.70
445	180	0.26	23963	34.96
446	148	0.22	24111	35.18
447	172	0.25	24283	35.43
448	148	0.22	24431	35.64
449	181	0.26	24612	35.91
450	176	0.26	24788	36.16
451	191	0.28	24979	36.44
452	180	0.26	25159	36.70
453	166	0.24	25325	36.95
454	217	0.32	25542	37.26
455	186	0.27	25728	37.53
456	207	0.30	25935	37.84
457	196	0.29	26131	38.12
458	214	0.31	26345	38.43
459	212	0.31	26557	38.74
460	219	0.32	26776	39.06
461	228	0.33	27004	39.40
462	212	0.31	27216	39.71
463	211	0.31	27427	40.01
464	205	0.30	27632	40.31
465	213	0.31	27845	40.62
466	262	0.38	28107	41.01
467	241	0.35	28348	41.36
468	226	0.33	28574	41.69
469	242	0.35	28816	42.04
470	245	0.36	29061	42.40

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 2: Grades 3-5 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
471	259	0.38	29320	42.77
472	231	0.34	29551	43.11
473	238	0.35	29789	43.46
474	268	0.39	30057	43.85
475	283	0.41	30340	44.26
476	264	0.39	30604	44.65
477	254	0.37	30858	45.02
478	285	0.42	31143	45.43
479	289	0.42	31432	45.86
480	257	0.37	31689	46.23
481	273	0.40	31962	46.63
482	263	0.38	32225	47.01
483	340	0.50	32565	47.51
484	307	0.45	32872	47.96
485	306	0.45	33178	48.40
486	298	0.43	33476	48.84
487	263	0.38	33739	49.22
488	321	0.47	34060	49.69
489	354	0.52	34414	50.21
490	299	0.44	34713	50.64
491	374	0.55	35087	51.19
492	290	0.42	35377	51.61
493	362	0.53	35739	52.14
494	373	0.54	36112	52.68
495	362	0.53	36474	53.21
496	375	0.55	36849	53.76
497	340	0.50	37189	54.25
498	355	0.52	37544	54.77
499	327	0.48	37871	55.25
500	378	0.55	38249	55.80
501	389	0.57	38638	56.37
502	353	0.51	38991	56.88
503	367	0.54	39358	57.42
504	304	0.44	39662	57.86
505	423	0.62	40085	58.48
506	433	0.63	40518	59.11
507	295	0.43	40813	59.54
508	344	0.50	41157	60.04
509	391	0.57	41548	60.61
510	328	0.48	41876	61.09
511	452	0.66	42328	61.75
512	359	0.52	42687	62.28
513	324	0.47	43011	62.75
514	458	0.67	43469	63.42
515	322	0.47	43791	63.89
516	384	0.56	44175	64.45
517	415	0.61	44590	65.05
518	307	0.45	44897	65.50
519	350	0.51	45247	66.01
520	432	0.63	45679	66.64
521	373	0.54	46052	67.19
522	276	0.40	46328	67.59
523	421	0.61	46749	68.20
524	338	0.49	47087	68.70
525	270	0.39	47357	69.09
526	507	0.74	47864	69.83
527	295	0.43	48159	70.26
528	310	0.45	48469	70.71
529	381	0.56	48850	71.27
530	318	0.46	49168	71.73
531	297	0.43	49465	72.16
532	334	0.49	49799	72.65
533	429	0.63	50228	73.28
534	281	0.41	50509	73.69
535	277	0.40	50786	74.09
536	360	0.53	51146	74.62
537	270	0.39	51416	75.01
538	327	0.48	51743	75.49
539	269	0.39	52012	75.88
540	457	0.67	52469	76.55
541	234	0.34	52703	76.89
542	238	0.35	52941	77.24
543	360	0.53	53301	77.76
544	249	0.36	53550	78.12
545	332	0.48	53882	78.61
546	336	0.49	54218	79.10
547	208	0.30	54426	79.40
548	273	0.40	54699	79.80
549	257	0.37	54956	80.18
550	351	0.51	55307	80.69
551	231	0.34	55538	81.02
552	209	0.30	55747	81.33
553	266	0.39	56013	81.72
554	218	0.32	56231	82.04
555	287	0.42	56518	82.45
556	262	0.38	56780	82.84
557	244	0.36	57024	83.19
558	140	0.20	57164	83.40
559	380	0.55	57544	83.95
560	206	0.30	57750	84.25
561	221	0.32	57971	84.57
562	322	0.47	58293	85.04
563	117	0.17	58410	85.21
564	203	0.30	58613	85.51
565	371	0.54	58984	86.05
566	150	0.22	59134	86.27

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 2: Grades 3-5 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
567	241	0.35	59375	86.62
568	167	0.24	59542	86.87
569	201	0.29	59743	87.16
570	206	0.30	59949	87.46
571	273	0.40	60222	87.86
572	144	0.21	60366	88.07
573	207	0.30	60573	88.37
574	243	0.35	60816	88.72
575	243	0.35	61059	89.08
576	53	0.08	61112	89.16
577	315	0.46	61427	89.62
578	134	0.20	61561	89.81
579	124	0.18	61685	89.99
580	329	0.48	62014	90.47
581	133	0.19	62147	90.67
582	57	0.08	62204	90.75
583	328	0.48	62532	91.23
584	97	0.14	62629	91.37
585	47	0.07	62676	91.44
586	80	0.12	62756	91.55
587	245	0.36	63001	91.91
588	138	0.20	63139	92.11
589	84	0.12	63223	92.24
590	119	0.17	63342	92.41
591	126	0.18	63468	92.59
592	67	0.10	63535	92.69
593	246	0.36	63781	93.05
594	72	0.11	63853	93.15
595	69	0.10	63922	93.26
596	40	0.06	63962	93.31
597	231	0.34	64193	93.65
598	90	0.13	64283	93.78
599	75	0.11	64358	93.89
600	17	0.02	64375	93.92
601	54	0.08	64429	94.00
602	139	0.20	64568	94.20
603	169	0.25	64737	94.44
604	62	0.09	64799	94.53
605	43	0.06	64842	94.60
606	45	0.07	64887	94.66
607	96	0.14	64983	94.80
608	104	0.15	65087	94.96
609	67	0.10	65154	95.05
610	12	0.02	65166	95.07
611	51	0.07	65217	95.14
612	208	0.30	65425	95.45
613	18	0.03	65443	95.47
614	74	0.11	65517	95.58
615	61	0.09	65578	95.67
616	21	0.03	65599	95.70
617	230	0.34	65829	96.04
618	66	0.10	65895	96.13
619	60	0.09	65955	96.22
620	72	0.11	66027	96.33
621	44	0.06	66071	96.39
622	87	0.13	66158	96.52
623	81	0.12	66239	96.64
624	36	0.05	66275	96.69
625	118	0.17	66393	96.86
626	73	0.11	66466	96.97
627	85	0.12	66551	97.09
628	66	0.10	66617	97.19
629	142	0.21	66759	97.39
630	17	0.02	66776	97.42
631	92	0.13	66868	97.55
632	106	0.15	66974	97.71
633	59	0.09	67033	97.79
634	12	0.02	67045	97.81
635	160	0.23	67205	98.05
636	70	0.10	67275	98.15
637	3	0.00	67278	98.15
638	55	0.08	67333	98.23
639	146	0.21	67479	98.44
640	22	0.03	67501	98.48
641	104	0.15	67605	98.63
642	7	0.01	67612	98.64
644	7	0.01	67619	98.65
645	90	0.13	67709	98.78
646	115	0.17	67824	98.95
647	10	0.01	67834	98.96
648	10	0.01	67844	98.98
650	25	0.04	67869	99.01
651	98	0.14	67967	99.16
652	5	0.01	67972	99.16
653	36	0.05	68008	99.22
654	43	0.06	68051	99.28
655	12	0.02	68063	99.30
656	71	0.10	68134	99.40
660	119	0.17	68253	99.57
661	32	0.05	68285	99.62
663	1	0.00	68286	99.62
666	137	0.20	68423	99.82
667	1	0.00	68424	99.82
669	11	0.02	68435	99.84
673	5	0.01	68440	99.85
675	80	0.12	68520	99.96
681	1	0.00	68521	99.96
687	24	0.04	68545	100.00

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Listening/Speaking, Grade Span 3: Grades 6-8

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	10600	17.76	10600	17.76
266	157	0.26	10757	18.02
314	146	0.24	10903	18.27
334	122	0.20	11025	18.47
347	177	0.30	11202	18.77
356	183	0.31	11385	19.08
363	206	0.35	11591	19.42
369	229	0.38	11820	19.81
375	265	0.44	12085	20.25
379	239	0.40	12324	20.65
384	242	0.41	12566	21.06
388	305	0.51	12871	21.57
391	193	0.32	13064	21.89
395	204	0.34	13268	22.23
398	214	0.36	13482	22.59
401	225	0.38	13707	22.97
404	254	0.43	13961	23.39
406	251	0.42	14212	23.81
409	261	0.44	14473	24.25
412	259	0.43	14732	24.69
414	291	0.49	15023	25.17
417	252	0.42	15275	25.60
419	225	0.38	15500	25.97
422	238	0.40	15738	26.37
424	226	0.38	15964	26.75
427	269	0.45	16233	27.20
429	279	0.47	16512	27.67
432	230	0.39	16742	28.05
434	247	0.41	16989	28.47
437	303	0.51	17292	28.98
439	288	0.48	17580	29.46
442	307	0.51	17887	29.97
444	325	0.54	18212	30.52
447	358	0.60	18570	31.12
450	351	0.59	18921	31.70
453	433	0.73	19354	32.43
455	415	0.70	19769	33.13
458	536	0.90	20305	34.02
461	624	1.05	20929	35.07
464	640	1.07	21569	36.14
467	649	1.09	22218	37.23
470	699	1.17	22917	38.40
473	574	0.96	23491	39.36
477	648	1.09	24139	40.45
480	710	1.19	24849	41.64
484	882	1.48	25731	43.12
488	997	1.67	26728	44.79
492	1062	1.78	27790	46.57
496	1221	2.05	29011	48.61
500	1350	2.26	30361	50.87
505	1491	2.50	31852	53.37
510	1562	2.62	33414	55.99
516	1848	3.10	35262	59.09
522	1959	3.28	37221	62.37
528	2131	3.57	39352	65.94
536	2006	3.36	41358	69.30
544	2120	3.55	43478	72.85
554	1565	2.62	45043	75.48
565	2008	3.36	47051	78.84
578	2538	4.25	49589	83.09
595	2861	4.79	52450	87.89
616	2874	4.82	55324	92.70
642	291	0.49	55615	93.19
675	458	0.77	56073	93.96
710	3606	6.04	59679	100.00

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CELDT 2002 Initial Data
Scale Score Frequency Distribution
Reading, Grade Span 3: Grades 6-8

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
340	12040	20.17	12040	20.17
367	818	1.37	12858	21.55
414	1015	1.70	13873	23.25
435	1283	2.15	15156	25.40
449	1469	2.46	16625	27.86
459	1510	2.53	18135	30.39
468	1604	2.69	19739	33.08
477	1676	2.81	21415	35.88
484	1666	2.79	23081	38.68
491	1629	2.73	24710	41.40
498	1675	2.81	26385	44.21
504	1792	3.00	28177	47.21
510	1755	2.94	29932	50.15
515	1864	3.12	31796	53.28
521	1774	2.97	33570	56.25
526	1750	2.93	35320	59.18
532	1930	3.23	37250	62.42
537	1862	3.12	39112	65.54
542	2001	3.35	41113	68.89
548	1939	3.25	43052	72.14
554	2005	3.36	45057	75.50
560	2063	3.46	47120	78.96
567	2151	3.60	49271	82.56
575	2137	3.58	51408	86.14
584	2119	3.55	53527	89.69
595	1991	3.34	55518	93.03
611	1777	2.98	57295	96.01
638	1493	2.50	58788	98.51
650	891	1.49	59679	100.00

CELDT 2002 Initial Data
Scale Score Frequency Distribution
Writing, Grade Span 3: Grades 6-8

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
280	10842	18.17	10842	18.17
339	362	0.61	11204	18.77
368	428	0.72	11632	19.49
382	491	0.82	12123	20.31
392	491	0.82	12614	21.14
400	518	0.87	13132	22.00
407	510	0.85	13642	22.86
413	580	0.97	14222	23.83
419	642	1.08	14864	24.91
425	632	1.06	15496	25.97
430	679	1.14	16175	27.10
436	720	1.21	16895	28.31
441	743	1.24	17638	29.55
446	841	1.41	18479	30.96
452	884	1.48	19363	32.45
458	902	1.51	20265	33.96
464	1032	1.73	21297	35.69
470	1114	1.87	22411	37.55
476	1307	2.19	23718	39.74
483	1657	2.78	25375	42.52
491	2155	3.61	27530	46.13
500	2817	4.72	30347	50.85
511	3462	5.80	33809	56.65
523	4160	6.97	37969	63.62
536	4539	7.61	42508	71.23
550	4581	7.68	47089	78.90
564	4158	6.97	51247	85.87
580	3510	5.88	54757	91.75
599	2649	4.44	57406	96.19
625	1584	2.65	58990	98.85
669	590	0.99	59580	99.83
700	99	0.17	59679	100.00

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 3: Grades 6-8

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
265	7737	12.96	7737	12.96
271	27	0.05	7764	13.01
279	56	0.09	7820	13.10
283	42	0.07	7862	13.17
286	18	0.03	7880	13.20
287	50	0.08	7930	13.29
288	109	0.18	8039	13.47
290	56	0.09	8095	13.56
292	21	0.04	8116	13.60
293	80	0.13	8196	13.73
294	20	0.03	8216	13.77
295	44	0.07	8260	13.84
296	32	0.05	8292	13.89
297	46	0.08	8338	13.97
298	41	0.07	8379	14.04
299	59	0.10	8438	14.14
301	37	0.06	8475	14.20
302	25	0.04	8500	14.24
303	36	0.06	8536	14.30
304	9	0.02	8545	14.32
305	48	0.08	8593	14.40
306	19	0.03	8612	14.43
307	20	0.03	8632	14.46
308	17	0.03	8649	14.49
309	48	0.08	8697	14.57
310	42	0.07	8739	14.64
311	40	0.07	8779	14.71
312	80	0.13	8859	14.84
313	37	0.06	8896	14.91
314	57	0.10	8953	15.00
315	21	0.04	8974	15.04
316	51	0.09	9025	15.12
317	24	0.04	9049	15.16
318	41	0.07	9090	15.23
319	35	0.06	9125	15.29
320	62	0.10	9187	15.39
321	24	0.04	9211	15.43
322	165	0.28	9376	15.71
323	31	0.05	9407	15.76
324	57	0.10	9464	15.86
325	53	0.09	9517	15.95
326	51	0.09	9568	16.03
327	58	0.10	9626	16.13
328	142	0.24	9768	16.37
329	62	0.10	9830	16.47
330	28	0.05	9858	16.52
331	82	0.14	9940	16.66
332	42	0.07	9982	16.73
333	155	0.26	10137	16.99
334	46	0.08	10183	17.06
335	45	0.08	10228	17.14
336	144	0.24	10372	17.38
337	49	0.08	10421	17.46
338	31	0.05	10452	17.51
339	152	0.25	10604	17.77
340	38	0.06	10642	17.83
341	19	0.03	10661	17.86
342	157	0.26	10818	18.13
343	42	0.07	10860	18.20
344	130	0.22	10990	18.42
345	13	0.02	11003	18.44
346	22	0.04	11025	18.47
347	137	0.23	11162	18.70
348	10	0.02	11172	18.72
349	182	0.30	11354	19.03
350	93	0.16	11447	19.18
351	25	0.04	11472	19.22
352	85	0.14	11557	19.37
353	13	0.02	11570	19.39
354	75	0.13	11645	19.51
355	101	0.17	11746	19.68
356	14	0.02	11760	19.71
357	121	0.20	11881	19.91
358	112	0.19	11993	20.10
359	93	0.16	12086	20.25
360	10	0.02	12096	20.27
361	95	0.16	12191	20.43
362	91	0.15	12282	20.58
363	74	0.12	12356	20.70
364	56	0.09	12412	20.80
365	20	0.03	12432	20.83
366	59	0.10	12491	20.93
367	74	0.12	12565	21.05
368	75	0.13	12640	21.18
369	65	0.11	12705	21.29
370	27	0.05	12732	21.33
371	62	0.10	12794	21.44
372	60	0.10	12854	21.54
373	51	0.09	12905	21.62
374	56	0.09	12961	21.72
375	26	0.04	12987	21.76
376	45	0.08	13032	21.84
377	63	0.11	13095	21.94
378	58	0.10	13153	22.04
379	30	0.05	13183	22.09
380	64	0.11	13247	22.20

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 3: Grades 6-8 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
381	69	0.12	13316	22.31
382	52	0.09	13368	22.40
383	38	0.06	13406	22.46
384	54	0.09	13460	22.55
385	73	0.12	13533	22.68
386	43	0.07	13576	22.75
387	54	0.09	13630	22.84
388	62	0.10	13692	22.94
389	52	0.09	13744	23.03
390	47	0.08	13791	23.11
391	63	0.11	13854	23.21
392	51	0.09	13905	23.30
393	58	0.10	13963	23.40
394	44	0.07	14007	23.47
395	55	0.09	14062	23.56
396	49	0.08	14111	23.64
397	62	0.10	14173	23.75
398	60	0.10	14233	23.85
399	54	0.09	14287	23.94
400	44	0.07	14331	24.01
401	70	0.12	14401	24.13
402	39	0.07	14440	24.20
403	66	0.11	14506	24.31
404	53	0.09	14559	24.40
405	52	0.09	14611	24.48
406	67	0.11	14678	24.59
407	69	0.12	14747	24.71
408	66	0.11	14813	24.82
409	53	0.09	14866	24.91
410	77	0.13	14943	25.04
411	67	0.11	15010	25.15
412	75	0.13	15085	25.28
413	76	0.13	15161	25.40
414	68	0.11	15229	25.52
415	72	0.12	15301	25.64
416	73	0.12	15374	25.76
417	75	0.13	15449	25.89
418	70	0.12	15519	26.00
419	86	0.14	15605	26.15
420	80	0.13	15685	26.28
421	73	0.12	15758	26.40
422	59	0.10	15817	26.50
423	86	0.14	15903	26.65
424	87	0.15	15990	26.79
425	81	0.14	16071	26.93
426	72	0.12	16143	27.05
427	85	0.14	16228	27.19
428	77	0.13	16305	27.32
429	90	0.15	16395	27.47
430	79	0.13	16474	27.60
431	77	0.13	16551	27.73
432	90	0.15	16641	27.88
433	93	0.16	16734	28.04
434	98	0.16	16832	28.20
435	85	0.14	16917	28.35
436	94	0.16	17011	28.50
437	91	0.15	17102	28.66
438	95	0.16	17197	28.82
439	111	0.19	17308	29.00
440	86	0.14	17394	29.15
441	109	0.18	17503	29.33
442	115	0.19	17618	29.52
443	112	0.19	17730	29.71
444	114	0.19	17844	29.90
445	87	0.15	17931	30.05
446	119	0.20	18050	30.25
447	108	0.18	18158	30.43
448	108	0.18	18266	30.61
449	120	0.20	18386	30.81
450	114	0.19	18500	31.00
451	125	0.21	18625	31.21
452	134	0.22	18759	31.43
453	122	0.20	18881	31.64
454	131	0.22	19012	31.86
455	124	0.21	19136	32.06
456	132	0.22	19268	32.29
457	119	0.20	19387	32.49
458	153	0.26	19540	32.74
459	146	0.24	19686	32.99
460	114	0.19	19800	33.18
461	139	0.23	19939	33.41
462	151	0.25	20090	33.66
463	136	0.23	20226	33.89
464	127	0.21	20353	34.10
465	142	0.24	20495	34.34
466	138	0.23	20633	34.57
467	168	0.28	20801	34.85
468	165	0.28	20966	35.13
469	172	0.29	21138	35.42
470	160	0.27	21298	35.69
471	178	0.30	21476	35.99
472	167	0.28	21643	36.27
473	168	0.28	21811	36.55
474	167	0.28	21978	36.83
475	216	0.36	22194	37.19
476	190	0.32	22384	37.51

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 3: Grades 6-8 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
477	213	0.36	22597	37.86
478	217	0.36	22814	38.23
479	169	0.28	22983	38.51
480	235	0.39	23218	38.90
481	228	0.38	23446	39.29
482	188	0.32	23634	39.60
483	219	0.37	23853	39.97
484	221	0.37	24074	40.34
485	254	0.43	24328	40.76
486	231	0.39	24559	41.15
487	255	0.43	24814	41.58
488	215	0.36	25029	41.94
489	244	0.41	25273	42.35
490	259	0.43	25532	42.78
491	240	0.40	25772	43.18
492	253	0.42	26025	43.61
493	253	0.42	26278	44.03
494	246	0.41	26524	44.44
495	305	0.51	26829	44.96
496	252	0.42	27081	45.38
497	282	0.47	27363	45.85
498	309	0.52	27672	46.37
499	287	0.48	27959	46.85
500	260	0.44	28219	47.28
501	332	0.56	28551	47.84
502	300	0.50	28851	48.34
503	293	0.49	29144	48.83
504	318	0.53	29462	49.37
505	274	0.46	29736	49.83
506	385	0.65	30121	50.47
507	287	0.48	30408	50.95
508	318	0.53	30726	51.49
509	302	0.51	31028	51.99
510	312	0.52	31340	52.51
511	370	0.62	31710	53.13
512	223	0.37	31933	53.51
513	321	0.54	32254	54.05
514	321	0.54	32575	54.58
515	279	0.47	32854	55.05
516	362	0.61	33216	55.66
517	368	0.62	33584	56.27
518	243	0.41	33827	56.68
519	312	0.52	34139	57.20
520	373	0.63	34512	57.83
521	307	0.51	34819	58.34
522	332	0.56	35151	58.90
523	356	0.60	35507	59.50
524	343	0.57	35850	60.07
525	311	0.52	36161	60.59
526	334	0.56	36495	61.15
527	352	0.59	36847	61.74
528	303	0.51	37150	62.25
529	296	0.50	37446	62.75
530	345	0.58	37791	63.32
531	271	0.45	38062	63.78
532	360	0.60	38422	64.38
533	353	0.59	38775	64.97
534	257	0.43	39032	65.40
535	354	0.59	39386	66.00
536	289	0.48	39675	66.48
537	365	0.61	40040	67.09
538	288	0.48	40328	67.57
539	386	0.65	40714	68.22
540	335	0.56	41049	68.78
541	290	0.49	41339	69.27
542	280	0.47	41619	69.74
543	328	0.55	41947	70.29
544	339	0.57	42286	70.86
545	256	0.43	42542	71.28
546	300	0.50	42842	71.79
547	288	0.48	43130	72.27
548	296	0.50	43426	72.77
549	239	0.40	43665	73.17
550	255	0.43	43920	73.59
551	323	0.54	44243	74.13
552	242	0.41	44485	74.54
553	264	0.44	44749	74.98
554	282	0.47	45031	75.46
555	269	0.45	45300	75.91
556	242	0.41	45542	76.31
557	253	0.42	45795	76.74
558	309	0.52	46104	77.25
559	220	0.37	46324	77.62
560	260	0.44	46584	78.06
561	292	0.49	46876	78.55
562	184	0.31	47060	78.86
563	328	0.55	47388	79.40
564	157	0.26	47545	79.67
565	298	0.50	47843	80.17
566	226	0.38	48069	80.55
567	183	0.31	48252	80.85
568	258	0.43	48510	81.28
569	167	0.28	48677	81.56
570	291	0.49	48968	82.05
571	164	0.27	49132	82.33
572	252	0.42	49384	82.75

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 3: Grades 6-8 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
573	190	0.32	49574	83.07
574	160	0.27	49734	83.34
575	249	0.42	49983	83.75
576	178	0.30	50161	84.05
577	234	0.39	50395	84.44
578	190	0.32	50585	84.76
579	134	0.22	50719	84.99
580	210	0.35	50929	85.34
581	165	0.28	51094	85.61
582	287	0.48	51381	86.10
583	113	0.19	51494	86.28
584	229	0.38	51723	86.67
585	105	0.18	51828	86.84
586	155	0.26	51983	87.10
587	260	0.44	52243	87.54
588	125	0.21	52368	87.75
589	142	0.24	52510	87.99
590	127	0.21	52637	88.20
591	282	0.47	52919	88.67
592	104	0.17	53023	88.85
593	112	0.19	53135	89.03
594	127	0.21	53262	89.25
595	146	0.24	53408	89.49
596	144	0.24	53552	89.73
597	99	0.17	53651	89.90
598	148	0.25	53799	90.15
599	151	0.25	53950	90.40
600	82	0.14	54032	90.54
601	245	0.41	54277	90.95
602	107	0.18	54384	91.13
603	85	0.14	54469	91.27
604	44	0.07	54513	91.34
605	131	0.22	54644	91.56
606	172	0.29	54816	91.85
607	38	0.06	54854	91.92
608	96	0.16	54950	92.08
609	43	0.07	54993	92.15
610	144	0.24	55137	92.39
611	44	0.07	55181	92.46
612	91	0.15	55272	92.62
613	128	0.21	55400	92.83
614	31	0.05	55431	92.88
615	79	0.13	55510	93.01
616	52	0.09	55562	93.10
617	193	0.32	55755	93.42
618	53	0.09	55808	93.51
619	29	0.05	55837	93.56
620	89	0.15	55926	93.71
621	63	0.11	55989	93.82
622	57	0.10	56046	93.91
623	85	0.14	56131	94.05
624	92	0.15	56223	94.21
625	27	0.05	56250	94.25
626	126	0.21	56376	94.47
627	75	0.13	56451	94.59
628	63	0.11	56514	94.70
629	89	0.15	56603	94.85
630	37	0.06	56640	94.91
631	89	0.15	56729	95.06
632	78	0.13	56807	95.19
633	27	0.05	56834	95.23
634	138	0.23	56972	95.46
635	55	0.09	57027	95.56
636	104	0.17	57131	95.73
637	131	0.22	57262	95.95
638	74	0.12	57336	96.07
639	80	0.13	57416	96.21
640	45	0.08	57461	96.28
641	117	0.20	57578	96.48
642	80	0.13	57658	96.61
643	76	0.13	57734	96.74
644	88	0.15	57822	96.89
645	57	0.10	57879	96.98
646	120	0.20	57999	97.18
647	1	0.00	58000	97.19
648	203	0.34	58203	97.53
649	7	0.01	58210	97.54
650	66	0.11	58276	97.65
651	10	0.02	58286	97.67
652	119	0.20	58405	97.87
653	104	0.17	58509	98.04
655	105	0.18	58614	98.22
657	157	0.26	58771	98.48
658	25	0.04	58796	98.52
659	90	0.15	58886	98.67
660	56	0.09	58942	98.77
662	44	0.07	58986	98.84
664	190	0.32	59176	99.16
666	5	0.01	59181	99.17
667	75	0.13	59256	99.29
668	10	0.02	59266	99.31
670	111	0.19	59377	99.49
671	21	0.04	59398	99.53
673	75	0.13	59473	99.65
675	36	0.06	59509	99.72
676	2	0.00	59511	99.72

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 3: Grades 6-8 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
678	2	0.00	59513	99.72
681	69	0.12	59582	99.84
682	5	0.01	59587	99.85
684	59	0.10	59646	99.94
689	7	0.01	59653	99.96
696	26	0.04	59679	100.00

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Listening/Speaking, Grade Span 4: Grades 9-12

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	10796	15.95	10796	15.95
294	61	0.09	10857	16.04
328	38	0.06	10895	16.09
345	122	0.18	11017	16.27
356	88	0.13	11105	16.40
365	71	0.10	11176	16.51
372	118	0.17	11294	16.68
378	123	0.18	11417	16.86
383	166	0.25	11583	17.11
387	178	0.26	11761	17.37
391	215	0.32	11976	17.69
395	199	0.29	12175	17.98
398	246	0.36	12421	18.35
401	269	0.40	12690	18.74
404	210	0.31	12900	19.05
407	211	0.31	13111	19.36
410	272	0.40	13383	19.77
413	297	0.44	13680	20.20
415	327	0.48	14007	20.69
418	348	0.51	14355	21.20
420	360	0.53	14715	21.73
423	344	0.51	15059	22.24
425	328	0.48	15387	22.73
427	343	0.51	15730	23.23
430	319	0.47	16049	23.70
432	360	0.53	16409	24.24
434	308	0.45	16717	24.69
437	339	0.50	17056	25.19
439	331	0.49	17387	25.68
441	342	0.51	17729	26.18
444	382	0.56	18111	26.75
446	420	0.62	18531	27.37
449	467	0.69	18998	28.06
451	499	0.74	19497	28.80
453	519	0.77	20016	29.56
456	571	0.84	20587	30.41
458	571	0.84	21158	31.25
461	617	0.91	21775	32.16
463	651	0.96	22426	33.12
466	683	1.01	23109	34.13
469	756	1.12	23865	35.25
471	768	1.13	24633	36.38
474	783	1.16	25416	37.54
477	718	1.06	26134	38.60
480	634	0.94	26768	39.54
483	759	1.12	27527	40.66
486	836	1.23	28363	41.89
489	991	1.46	29354	43.35
493	1145	1.69	30499	45.05
496	1222	1.80	31721	46.85
500	1390	2.05	33111	48.90
504	1599	2.36	34710	51.27
508	1766	2.61	36476	53.87
512	1859	2.75	38335	56.62
516	2090	3.09	40425	59.71
521	2192	3.24	42617	62.94
527	2438	3.60	45055	66.54
533	2253	3.33	47308	69.87
540	2054	3.03	49362	72.91
547	2351	3.47	51713	76.38
555	2891	4.27	54604	80.65
565	3239	4.78	57843	85.43
575	3094	4.57	60937	90.00
588	1299	1.92	62236	91.92
602	611	0.90	62847	92.82
620	964	1.42	63811	94.25
644	1330	1.96	65141	96.21
682	1624	2.40	66765	98.61
710	942	1.39	67707	100.00

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CELDT 2002 Initial Data
Scale Score Frequency Distribution
Reading, Grade Span 4: Grades 9-12

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
340	10969	16.20	10969	16.20
396	488	0.72	11457	16.92
425	691	1.02	12148	17.94
441	860	1.27	13008	19.21
453	1065	1.57	14073	20.79
462	1191	1.76	15264	22.54
470	1296	1.91	16560	24.46
476	1319	1.95	17879	26.41
482	1274	1.88	19153	28.29
488	1279	1.89	20432	30.18
493	1305	1.93	21737	32.10
498	1373	2.03	23110	34.13
503	1379	2.04	24489	36.17
507	1347	1.99	25836	38.16
512	1371	2.02	27207	40.18
516	1389	2.05	28596	42.23
520	1506	2.22	30102	44.46
524	1545	2.28	31647	46.74
529	1618	2.39	33265	49.13
533	1783	2.63	35048	51.76
537	1863	2.75	36911	54.52
542	1975	2.92	38886	57.43
547	2110	3.12	40996	60.55
552	2340	3.46	43336	64.01
558	2537	3.75	45873	67.75
565	2991	4.42	48864	72.17
573	3216	4.75	52080	76.92
582	3815	5.63	55895	82.55
596	4308	6.36	60203	88.92
618	4344	6.42	64547	95.33
650	3160	4.67	67707	100.00

CELDT 2002 Initial Data
Scale Score Frequency Distribution
Writing, Grade Span 4: Grades 9-12

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
280	10601	15.66	10601	15.66
356	323	0.48	10924	16.13
379	382	0.56	11306	16.70
392	433	0.64	11739	17.34
401	413	0.61	12152	17.95
408	526	0.78	12678	18.72
414	565	0.83	13243	19.56
420	614	0.91	13857	20.47
426	680	1.00	14537	21.47
431	758	1.12	15295	22.59
437	783	1.16	16078	23.75
442	849	1.25	16927	25.00
448	963	1.42	17890	26.42
454	1075	1.59	18965	28.01
460	1147	1.69	20112	29.70
467	1238	1.83	21350	31.53
470	1518	2.24	22868	33.77
480	1704	2.52	24572	36.29
487	1992	2.94	26564	39.23
495	2348	3.47	28912	42.70
502	2980	4.40	31892	47.10
511	3656	5.40	35548	52.50
521	4826	7.13	40374	59.63
533	5739	8.48	46113	68.11
547	5815	8.59	51928	76.70
561	5247	7.75	57175	84.44
576	4206	6.21	61381	90.66
595	3254	4.81	64635	95.46
615	2040	3.01	66675	98.48
650	887	1.31	67562	99.79
700	145	0.21	67707	100.00

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 4: Grades 9-12

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
265	7604	11.23	7604	11.23
279	34	0.05	7638	11.28
284	33	0.05	7671	11.33
286	25	0.04	7696	11.37
289	34	0.05	7730	11.42
290	25	0.04	7755	11.45
293	55	0.08	7810	11.53
295	57	0.08	7867	11.62
297	44	0.06	7911	11.68
298	25	0.04	7936	11.72
299	13	0.02	7949	11.74
300	22	0.03	7971	11.77
301	16	0.02	7987	11.80
302	54	0.08	8041	11.88
303	17	0.03	8058	11.90
304	9	0.01	8067	11.91
305	28	0.04	8095	11.96
306	1	0.00	8096	11.96
307	14	0.02	8110	11.98
308	2	0.00	8112	11.98
309	32	0.05	8144	12.03
310	4	0.01	8148	12.03
311	27	0.04	8175	12.07
312	17	0.03	8192	12.10
313	3	0.00	8195	12.10
314	38	0.06	8233	12.16
315	22	0.03	8255	12.19
316	32	0.05	8287	12.24
318	67	0.10	8354	12.34
319	44	0.06	8398	12.40
320	36	0.05	8434	12.46
321	38	0.06	8472	12.51
322	37	0.05	8509	12.57
323	65	0.10	8574	12.66
324	11	0.02	8585	12.68
325	84	0.12	8669	12.80
326	41	0.06	8710	12.86
327	81	0.12	8791	12.98
328	37	0.05	8828	13.04
329	91	0.13	8919	13.17
330	32	0.05	8951	13.22
331	53	0.08	9004	13.30
332	73	0.11	9077	13.41
333	82	0.12	9159	13.53
334	66	0.10	9225	13.62
335	63	0.09	9288	13.72
336	45	0.07	9333	13.78
337	71	0.10	9404	13.89
338	58	0.09	9462	13.97
339	64	0.09	9526	14.07
340	13	0.02	9539	14.09
341	101	0.15	9640	14.24
342	47	0.07	9687	14.31
343	19	0.03	9706	14.34
344	97	0.14	9803	14.48
345	39	0.06	9842	14.54
346	93	0.14	9935	14.67
347	21	0.03	9956	14.70
348	109	0.16	10065	14.87
349	22	0.03	10087	14.90
350	118	0.17	10205	15.07
351	15	0.02	10220	15.09
352	104	0.15	10324	15.25
353	30	0.04	10354	15.29
354	134	0.20	10488	15.49
355	144	0.21	10632	15.70
356	12	0.02	10644	15.72
357	108	0.16	10752	15.88
358	77	0.11	10829	15.99
359	3	0.00	10832	16.00
360	111	0.16	10943	16.16
361	106	0.16	11049	16.32
362	110	0.16	11159	16.48
363	10	0.01	11169	16.50
364	127	0.19	11296	16.68
365	125	0.18	11421	16.87
366	103	0.15	11524	17.02
367	109	0.16	11633	17.18
368	108	0.16	11741	17.34
369	20	0.03	11761	17.37
370	53	0.08	11814	17.45
371	71	0.10	11885	17.55
372	71	0.10	11956	17.66
373	66	0.10	12022	17.76
374	63	0.09	12085	17.85
375	50	0.07	12135	17.92
376	16	0.02	12151	17.95
377	54	0.08	12205	18.03
378	54	0.08	12259	18.11
379	56	0.08	12315	18.19
380	55	0.08	12370	18.27
381	74	0.11	12444	18.38
382	25	0.04	12469	18.42
383	59	0.09	12528	18.50
384	55	0.08	12583	18.58
385	42	0.06	12625	18.65

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 4: Grades 9-12 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
386	62	0.09	12687	18.74
387	20	0.03	12707	18.77
388	64	0.09	12771	18.86
389	59	0.09	12830	18.95
390	65	0.10	12895	19.05
391	35	0.05	12930	19.10
392	96	0.14	13026	19.24
393	74	0.11	13100	19.35
394	32	0.05	13132	19.40
395	107	0.16	13239	19.55
396	48	0.07	13287	19.62
397	61	0.09	13348	19.71
398	37	0.05	13385	19.77
399	89	0.13	13474	19.90
400	33	0.05	13507	19.95
401	65	0.10	13572	20.05
402	39	0.06	13611	20.10
403	82	0.12	13693	20.22
404	57	0.08	13750	20.31
405	61	0.09	13811	20.40
406	20	0.03	13831	20.43
407	79	0.12	13910	20.54
408	59	0.09	13969	20.63
409	61	0.09	14030	20.72
410	37	0.05	14067	20.78
411	63	0.09	14130	20.87
412	85	0.13	14215	20.99
413	53	0.08	14268	21.07
414	68	0.10	14336	21.17
415	67	0.10	14403	21.27
416	50	0.07	14453	21.35
417	70	0.10	14523	21.45
418	68	0.10	14591	21.55
419	49	0.07	14640	21.62
420	83	0.12	14723	21.75
421	88	0.13	14811	21.88
422	64	0.09	14875	21.97
423	70	0.10	14945	22.07
424	82	0.12	15027	22.19
425	90	0.13	15117	22.33
426	95	0.14	15212	22.47
427	97	0.14	15309	22.61
428	112	0.17	15421	22.78
429	71	0.10	15492	22.88
430	83	0.12	15575	23.00
431	110	0.16	15685	23.17
432	87	0.13	15772	23.29
433	100	0.15	15872	23.44
434	109	0.16	15981	23.60
435	113	0.17	16094	23.77
436	102	0.15	16196	23.92
437	124	0.18	16320	24.10
438	113	0.17	16433	24.27
439	99	0.15	16532	24.42
440	107	0.16	16639	24.58
441	125	0.18	16764	24.76
442	132	0.19	16896	24.95
443	110	0.16	17006	25.12
444	139	0.21	17145	25.32
445	105	0.16	17250	25.48
446	130	0.19	17380	25.67
447	127	0.19	17507	25.86
448	133	0.20	17640	26.05
449	160	0.24	17800	26.29
450	150	0.22	17950	26.51
451	150	0.22	18100	26.73
452	168	0.25	18268	26.98
453	144	0.21	18412	27.19
454	137	0.20	18549	27.40
455	154	0.23	18703	27.62
456	149	0.22	18852	27.84
457	144	0.21	18996	28.06
458	155	0.23	19151	28.29
459	153	0.23	19304	28.51
460	161	0.24	19465	28.75
461	157	0.23	19622	28.98
462	176	0.26	19798	29.24
463	173	0.26	19971	29.50
464	180	0.27	20151	29.76
465	204	0.30	20355	30.06
466	186	0.27	20541	30.34
467	194	0.29	20735	30.62
468	214	0.32	20949	30.94
469	212	0.31	21161	31.25
470	185	0.27	21346	31.53
471	208	0.31	21554	31.83
472	223	0.33	21777	32.16
473	167	0.25	21944	32.41
474	216	0.32	22160	32.73
475	195	0.29	22355	33.02
476	214	0.32	22569	33.33
477	231	0.34	22800	33.67
478	222	0.33	23022	34.00
479	226	0.33	23248	34.34
480	241	0.36	23489	34.69
481	221	0.33	23710	35.02

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 4: Grades 9-12 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
482	243	0.36	23953	35.38
483	227	0.34	24180	35.71
484	229	0.34	24409	36.05
485	262	0.39	24671	36.44
486	272	0.40	24943	36.84
487	301	0.44	25244	37.28
488	271	0.40	25515	37.68
489	267	0.39	25782	38.08
490	276	0.41	26058	38.49
491	278	0.41	26336	38.90
492	293	0.43	26629	39.33
493	289	0.43	26918	39.76
494	321	0.47	27239	40.23
495	295	0.44	27534	40.67
496	312	0.46	27846	41.13
497	310	0.46	28156	41.59
498	334	0.49	28490	42.08
499	309	0.46	28799	42.53
500	323	0.48	29122	43.01
501	343	0.51	29465	43.52
502	341	0.50	29806	44.02
503	322	0.48	30128	44.50
504	373	0.55	30501	45.05
505	347	0.51	30848	45.56
506	364	0.54	31212	46.10
507	375	0.55	31587	46.65
508	373	0.55	31960	47.20
509	362	0.53	32322	47.74
510	404	0.60	32726	48.33
511	428	0.63	33154	48.97
512	393	0.58	33547	49.55
513	381	0.56	33928	50.11
514	381	0.56	34309	50.67
515	395	0.58	34704	51.26
516	397	0.59	35101	51.84
517	440	0.65	35541	52.49
518	393	0.58	35934	53.07
519	436	0.64	36370	53.72
520	389	0.57	36759	54.29
521	502	0.74	37261	55.03
522	404	0.60	37665	55.63
523	485	0.72	38150	56.35
524	389	0.57	38539	56.92
525	412	0.61	38951	57.53
526	426	0.63	39377	58.16
527	434	0.64	39811	58.80
528	465	0.69	40276	59.49
529	391	0.58	40667	60.06
530	488	0.72	41155	60.78
531	398	0.59	41553	61.37
532	495	0.73	42048	62.10
533	380	0.56	42428	62.66
534	473	0.70	42901	63.36
535	431	0.64	43332	64.00
536	433	0.64	43765	64.64
537	429	0.63	44194	65.27
538	419	0.62	44613	65.89
539	447	0.66	45060	66.55
540	391	0.58	45451	67.13
541	485	0.72	45936	67.85
542	416	0.61	46352	68.46
543	444	0.66	46796	69.12
544	342	0.51	47138	69.62
545	513	0.76	47651	70.38
546	347	0.51	47998	70.89
547	390	0.58	48388	71.47
548	453	0.67	48841	72.14
549	440	0.65	49281	72.79
550	376	0.56	49657	73.34
551	350	0.52	50007	73.86
552	500	0.74	50507	74.60
553	432	0.64	50939	75.23
554	296	0.44	51235	75.67
555	514	0.76	51749	76.43
556	304	0.45	52053	76.88
557	455	0.67	52508	77.55
558	258	0.38	52766	77.93
559	539	0.80	53305	78.73
560	245	0.36	53550	79.09
561	322	0.48	53872	79.57
562	353	0.52	54225	80.09
563	439	0.65	54664	80.74
564	365	0.54	55029	81.28
565	251	0.37	55280	81.65
566	412	0.61	55692	82.25
567	310	0.46	56002	82.71
568	380	0.56	56382	83.27
569	371	0.55	56753	83.82
570	236	0.35	56989	84.17
571	247	0.36	57236	84.53
572	439	0.65	57675	85.18
573	273	0.40	57948	85.59
574	211	0.31	58159	85.90
575	205	0.30	58364	86.20
576	436	0.64	58800	86.84
577	289	0.43	59089	87.27

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CELDT 2002 Initial Data, Scale Score Frequency Distribution
Overall, Grade Span 4: Grades 9-12 (Continued)

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
578	124	0.18	59213	87.45
579	227	0.34	59440	87.79
580	328	0.48	59768	88.27
581	325	0.48	60093	88.75
582	138	0.20	60231	88.96
583	159	0.23	60390	89.19
584	204	0.30	60594	89.49
585	280	0.41	60874	89.91
586	245	0.36	61119	90.27
587	77	0.11	61196	90.38
588	132	0.19	61328	90.58
589	145	0.21	61473	90.79
590	355	0.52	61828	91.32
591	92	0.14	61920	91.45
592	125	0.18	62045	91.64
593	180	0.27	62225	91.90
594	157	0.23	62382	92.14
595	201	0.30	62583	92.43
596	146	0.22	62729	92.65
597	42	0.06	62771	92.71
598	205	0.30	62976	93.01
599	122	0.18	63098	93.19
600	102	0.15	63200	93.34
601	50	0.07	63250	93.42
602	112	0.17	63362	93.58
603	178	0.26	63540	93.85
604	180	0.27	63720	94.11
605	49	0.07	63769	94.18
606	32	0.05	63801	94.23
607	157	0.23	63958	94.46
608	57	0.08	64015	94.55
609	85	0.13	64100	94.67
610	57	0.08	64157	94.76
611	130	0.19	64287	94.95
612	147	0.22	64434	95.17
613	77	0.11	64511	95.28
614	15	0.02	64526	95.30
615	88	0.13	64614	95.43
616	91	0.13	64705	95.57
617	61	0.09	64766	95.66
618	42	0.06	64808	95.72
619	118	0.17	64926	95.89
620	90	0.13	65016	96.03
621	65	0.10	65081	96.12
622	22	0.03	65103	96.15
623	60	0.09	65163	96.24
624	139	0.21	65302	96.45
625	20	0.03	65322	96.48
626	120	0.18	65442	96.65
627	19	0.03	65461	96.68
628	81	0.12	65542	96.80
629	10	0.01	65552	96.82
630	138	0.20	65690	97.02
631	22	0.03	65712	97.05
632	99	0.15	65811	97.20
633	28	0.04	65839	97.24
634	101	0.15	65940	97.39
635	75	0.11	66015	97.50
636	19	0.03	66034	97.53
637	29	0.04	66063	97.57
638	121	0.18	66184	97.75
639	86	0.13	66270	97.88
640	82	0.12	66352	98.00
642	15	0.02	66367	98.02
643	158	0.23	66525	98.25
644	37	0.05	66562	98.31
646	32	0.05	66594	98.36
647	110	0.16	66704	98.52
648	33	0.05	66737	98.57
649	73	0.11	66810	98.68
650	8	0.01	66818	98.69
651	88	0.13	66906	98.82
652	47	0.07	66953	98.89
653	44	0.06	66997	98.95
654	20	0.03	67017	98.98
657	175	0.26	67192	99.24
658	40	0.06	67232	99.30
659	6	0.01	67238	99.31
660	1	0.00	67239	99.31
661	56	0.08	67295	99.39
663	57	0.08	67352	99.48
665	72	0.11	67424	99.58
666	49	0.07	67473	99.65
670	5	0.01	67478	99.66
671	87	0.13	67565	99.79
672	23	0.03	67588	99.82
675	1	0.00	67589	99.83
678	16	0.02	67605	99.85
679	2	0.00	67607	99.85
680	78	0.12	67685	99.97
684	8	0.01	67693	99.98
692	14	0.02	67707	100.00

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Appendix B Form B Item Analysis

Listening/Speaking
Annual Data, Grade Span 1

Operational Item Number*	Type**	N	P-value	Point Biserial	Percent Omit
1	DCR	328971	0.93	0.70	4%
2	DCR	328971	0.89	0.57	4%
3	DCR	328971	0.94	0.72	5%
4	DCR	328971	0.78	0.55	5%
5	DCR	328971	0.77	0.57	6%
6	DCR	328971	0.53	0.36	6%
7	DCR	328971	0.55	0.45	6%
8	DCR	328971	0.28	0.31	6%
9	DCR	328971	0.84	0.65	6%
10	DCR	328971	0.70	0.49	6%
11	DCR	328971	0.91	0.76	5%
12	DCR	328971	0.91	0.76	5%
13	DCR	328971	0.91	0.76	5%
14	DCR	328971	0.90	0.75	7%
15	DCR	328971	0.91	0.76	7%
16	DCR	328971	0.88	0.71	7%
17	DCR	328971	0.91	0.75	7%
18	DCR	328971	0.84	0.66	7%
19	DCR	328971	0.85	0.70	7%
20	DCR	328971	0.90	0.74	7%
21	DCR	328971	0.89	0.72	7%
22	DCR	328971	0.90	0.75	7%
23	DCR	328971	0.79	0.58	7%
24	DCR	328971	0.79	0.56	8%
25	DCR	328971	0.89	0.74	8%
26	DCR	328971	0.70	0.55	5%
27	DCR	328971	0.90	0.75	5%
28	DCR	328971	0.84	0.66	5%
29	DCR	328971	0.89	0.71	7%
30	DCR	328971	0.80	0.60	7%
31	DCR	328971	0.78	0.61	8%
32	DCR	328971	0.85	0.70	8%
33	DCR	328971	0.87	0.73	8%
34	DCR	328971	0.18	0.27	7%
35	DCR	328971	0.48	0.45	7%
36	MC	328971	0.70	0.56	5%
37	MC	328971	0.40	0.31	5%
38	MC	328971	0.79	0.66	5%
39	MC	328971	0.72	0.60	5%
40	MC	328971	0.78	0.66	5%
41	MC	328971	0.60	0.47	12%
42	MC	328971	0.80	0.68	12%
43	MC	328971	0.59	0.48	12%
44	MC	328971	0.68	0.55	12%
45	MC	328971	0.27	0.21	12%

*The operational item number is equivalent to the RWO sequence number in Appendix H: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.

**DCR=Dichotomous Constructed Response
MC=Multiple Choice

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Listening/Speaking
Annual Data, Grade Span 2

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	DCR	432974	0.77	0.54	6%
2	DCR	432974	0.76	0.57	6%
3	DCR	432974	0.63	0.51	7%
4	DCR	432974	0.81	0.66	7%
5	DCR	432974	0.84	0.70	8%
6	DCR	432974	0.85	0.70	8%
7	DCR	432974	0.86	0.72	8%
8	DCR	432974	0.55	0.45	8%
9	DCR	432974	0.76	0.62	8%
10	DCR	432974	0.78	0.61	8%
11	DCR	432974	0.86	0.70	6%
12	DCR	432974	0.92	0.86	6%
13	DCR	432974	0.92	0.84	6%
14	DCR	432974	0.92	0.86	7%
15	DCR	432974	0.91	0.81	7%
16	DCR	432974	0.92	0.86	7%
17	DCR	432974	0.85	0.67	7%
18	DCR	432974	0.85	0.67	7%
19	DCR	432974	0.91	0.82	7%
20	DCR	432974	0.91	0.82	7%
21	DCR	432974	0.90	0.80	7%
22	DCR	432974	0.90	0.79	7%
23	DCR	432974	0.91	0.84	7%
24	DCR	432974	0.90	0.81	7%
25	DCR	432974	0.92	0.84	7%
26	DCR	432974	0.82	0.67	6%
27	DCR	432974	0.91	0.79	7%
28	DCR	432974	0.87	0.74	7%
29	DCR	432974	0.53	0.41	7%
30	DCR	432974	0.84	0.69	7%
31	DCR	432974	0.81	0.66	7%
32	DCR	432974	0.91	0.84	7%
33	DCR	432974	0.29	0.27	7%
34	DCR	432974	0.61	0.47	7%
35	DCR	432974	0.49	0.38	7%
36	MC	432974	0.87	0.73	6%
37	MC	432974	0.84	0.66	6%
38	MC	432974	0.83	0.66	6%
39	MC	432974	0.80	0.61	7%
40	MC	432974	0.90	0.81	7%
41	MC	432974	0.87	0.73	7%
42	MC	432974	0.87	0.70	7%
43	MC	432974	0.88	0.76	8%
44	MC	432974	0.84	0.65	8%
45	MC	432974	0.90	0.77	8%

*DCR=Dichotomous Constructed Response
MC=Multiple Choice

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Listening/Speaking
Annual Data, Grade Span 3

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	DCR	296218	0.80	0.66	9%
2	DCR	296218	0.81	0.71	9%
3	DCR	296218	0.77	0.65	9%
4	DCR	296218	0.81	0.69	10%
5	DCR	296218	0.84	0.79	10%
6	DCR	296218	0.63	0.56	10%
7	DCR	296218	0.74	0.61	10%
8	DCR	296218	0.76	0.68	10%
9	DCR	296218	0.68	0.58	10%
10	DCR	296218	0.84	0.80	11%
11	DCR	296218	0.90	0.90	9%
12	DCR	296218	0.89	0.86	9%
13	DCR	296218	0.90	0.90	9%
14	DCR	296218	0.90	0.89	10%
15	DCR	296218	0.86	0.80	10%
16	DCR	296218	0.85	0.79	10%
17	DCR	296218	0.81	0.73	10%
18	DCR	296218	0.89	0.88	10%
19	DCR	296218	0.89	0.88	10%
20	DCR	296218	0.83	0.74	10%
21	DCR	296218	0.88	0.85	10%
22	DCR	296218	0.86	0.79	10%
23	DCR	296218	0.83	0.75	10%
24	DCR	296218	0.90	0.89	10%
25	DCR	296218	0.89	0.88	10%
26	DCR	296218	0.77	0.67	9%
27	DCR	296218	0.73	0.63	9%
28	DCR	296218	0.50	0.46	10%
29	DCR	296218	0.53	0.48	11%
30	DCR	296218	0.68	0.60	11%
31	DCR	296218	0.62	0.55	11%
32	DCR	296218	0.64	0.57	11%
33	DCR	296218	0.61	0.53	11%
34	DCR	296218	0.25	0.31	11%
35	DCR	296218	0.32	0.35	11%
36	MC	296218	0.85	0.79	9%
37	MC	296218	0.87	0.82	9%
38	MC	296218	0.87	0.83	9%
39	MC	296218	0.86	0.81	9%
40	MC	296218	0.86	0.80	9%
41	MC	296218	0.83	0.73	10%
42	MC	296218	0.87	0.82	10%
43	MC	296218	0.85	0.77	10%
44	MC	296218	0.89	0.87	10%
45	MC	296218	0.88	0.87	10%

*DCR=Dichotomous Constructed Response
MC=Multiple Choice

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Listening/Speaking
Annual Data, Grade Span 4

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	DCR	239272	0.70	0.83	18%
2	DCR	239272	0.69	0.84	18%
3	DCR	239272	0.72	0.85	19%
4	DCR	239272	0.60	0.71	22%
5	DCR	239272	0.65	0.77	22%
6	DCR	239272	0.52	0.64	22%
7	DCR	239272	0.47	0.57	22%
8	DCR	239272	0.29	0.42	22%
9	DCR	239272	0.56	0.67	22%
10	DCR	239272	0.49	0.60	23%
11	DCR	239272	0.80	0.93	18%
12	DCR	239272	0.78	0.91	18%
13	DCR	239272	0.77	0.89	18%
14	DCR	239272	0.77	0.90	20%
15	DCR	239272	0.79	0.93	20%
16	DCR	239272	0.76	0.88	20%
17	DCR	239272	0.79	0.92	20%
18	DCR	239272	0.79	0.93	20%
19	DCR	239272	0.79	0.93	20%
20	DCR	239272	0.79	0.92	20%
21	DCR	239272	0.76	0.87	20%
22	DCR	239272	0.79	0.93	20%
23	DCR	239272	0.73	0.84	20%
24	DCR	239272	0.80	0.93	20%
25	DCR	239272	0.78	0.89	20%
26	DCR	239272	0.73	0.87	19%
27	DCR	239272	0.78	0.91	19%
28	DCR	239272	0.73	0.85	19%
29	DCR	239272	0.60	0.68	20%
30	DCR	239272	0.60	0.69	20%
31	DCR	239272	0.55	0.65	20%
32	DCR	239272	0.61	0.73	20%
33	DCR	239272	0.32	0.41	20%
34	DCR	239272	0.60	0.71	20%
35	DCR	239272	0.05	0.16	20%
36	MC	239272	0.78	0.91	19%
37	MC	239272	0.77	0.87	19%
38	MC	239272	0.77	0.88	19%
39	MC	239272	0.64	0.71	19%
40	MC	239272	0.75	0.82	19%
41	MC	239272	0.77	0.88	20%
42	MC	239272	0.77	0.86	20%
43	MC	239272	0.64	0.68	20%
44	MC	239272	0.78	0.91	20%
45	MC	239272	0.75	0.86	20%

*DCR=Dichotomous Constructed Response
MC=Multiple Choice

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Listening/Speaking Story Retelling Items
Annual Data

Grade Span	Operational Item Number	N	Percent of Maximum	Alpha*	Item-Test Correlation	Mean	Standard Deviation
1	46	328971	50%	0.96	0.66	12.46	6.11
2	46	432974	59%	0.97	0.72	14.79	6.04
3	46	296218	58%	0.98	0.77	14.50	6.67
4	46	239272	52%	0.99	0.85	12.91	7.92

* The alphas noted here indicate the reliability of the Listening/Speaking test with the story retelling item removed. The primary reason that the reliability of the test is increased as a result of removing this item is that there is a measure of scoring error associated with this item which is multiplied by five because of the weighting of the item. In the case of story retelling the item is worth a total of 25 points. The effect of the heavy weighting of this item, then, has the effect of further increasing the scoring error, and consequently, reducing the alpha for the Listening/Speaking test.

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Reading
Annual Data, Grade Span 1

Operational Item Number	Type*		P-value	Point Biserial	Percent Omit
	MC	160257	0.87	0.40	2%
2	MC	160257	0.53	0.55	3%
3	MC	160257	0.90	0.39	2%
4	MC	160257	0.64	0.48	2%
5	MC	160257	0.86	0.45	3%
6	MC	160257	0.52	0.42	3%
7	MC	160257	0.51	0.43	3%
8	MC	160257	0.50	0.25	3%
9	MC	160257	0.22	0.17	3%
10	MC	160257	0.71	0.52	3%
11	MC	160257	0.52	0.43	3%
12	MC	160257	0.79	0.48	3%
13	MC	160257	0.64	0.46	6%
14	MC	160257	0.65	0.49	4%
15	MC	160257	0.68	0.47	4%
16	MC	160257	0.66	0.38	4%
17	MC	160257	0.62	0.55	4%
18	MC	160257	0.43	0.34	10%
19	MC	160257	0.62	0.53	3%
20	MC	160257	0.91	0.39	3%
21	MC	160257	0.66	0.41	3%
22	MC	160257	0.70	0.52	3%
23	MC	160257	0.49	0.44	3%
24	MC	160257	0.31	0.29	4%
25	MC	160257	0.55	0.43	3%
26	MC	160257	0.69	0.48	4%
27	MC	160257	0.45	0.38	4%
28	MC	160257	0.43	0.42	6%
29	MC	160257	0.43	0.40	10%
30	MC	160257	0.35	0.20	5%
31	MC	160257	0.48	0.31	5%
32	MC	160257	0.64	0.53	6%
33	MC	160257	0.58	0.52	5%
34	MC	160257	0.56	0.45	6%
35	MC	160257	0.50	0.46	7%

*MC=Multiple Choice

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Reading
Annual Data, Grade Span 2

Operational Item Number	Type*		P-value	Point Biserial	Percent Omit
	MC	432974	0.85	0.40	2%
2	MC	432974	0.71	0.40	2%
3	MC	432974	0.72	0.46	2%
4	MC	432974	0.47	0.35	3%
5	MC	432974	0.44	0.42	2%
6	MC	432974	0.59	0.46	3%
7	MC	432974	0.75	0.48	2%
8	MC	432974	0.59	0.45	3%
9	MC	432974	0.79	0.46	3%
10	MC	432974	0.57	0.43	3%
11	MC	432974	0.70	0.46	3%
12	MC	432974	0.73	0.39	3%
13	MC	432974	0.82	0.47	2%
14	MC	432974	0.90	0.36	2%
15	MC	432974	0.57	0.44	2%
16	MC	432974	0.80	0.47	2%
17	MC	432974	0.72	0.46	2%
18	MC	432974	0.89	0.45	2%
19	MC	432974	0.83	0.51	2%
20	MC	432974	0.59	0.35	2%
21	MC	432974	0.69	0.51	2%
22	MC	432974	0.79	0.49	2%
23	MC	432974	0.70	0.52	3%
24	MC	432974	0.50	0.34	2%
25	MC	432974	0.75	0.54	2%
26	MC	432974	0.70	0.44	2%
27	MC	432974	0.65	0.45	2%
28	MC	432974	0.45	0.32	2%
29	MC	432974	0.64	0.57	2%
30	MC	432974	0.67	0.54	3%
31	MC	432974	0.63	0.42	3%
32	MC	432974	0.66	0.49	2%
33	MC	432974	0.68	0.57	3%
34	MC	432974	0.66	0.50	3%
35	MC	432974	0.69	0.51	3%

*MC=Multiple Choice

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Reading
Annual Data, Grade Span 3

Operational Item Number	Type*		P-value	Point Biserial	Percent Omit
	MC	296218	0.83	0.36	2%
2	MC	296218	0.47	0.23	2%
3	MC	296218	0.56	0.26	2%
4	MC	296218	0.56	0.42	2%
5	MC	296218	0.66	0.35	2%
6	MC	296218	0.55	0.46	2%
7	MC	296218	0.45	0.38	2%
8	MC	296218	0.44	0.38	2%
9	MC	296218	0.56	0.41	2%
10	MC	296218	0.50	0.32	2%
11	MC	296218	0.54	0.21	2%
12	MC	296218	0.57	0.44	2%
13	MC	296218	0.52	0.49	2%
14	MC	296218	0.91	0.49	2%
15	MC	296218	0.79	0.46	2%
16	MC	296218	0.68	0.51	2%
17	MC	296218	0.77	0.46	2%
18	MC	296218	0.50	0.35	2%
19	MC	296218	0.82	0.33	2%
20	MC	296218	0.75	0.40	2%
21	MC	296218	0.31	0.28	2%
22	MC	296218	0.44	0.40	2%
23	MC	296218	0.67	0.40	2%
24	MC	296218	0.61	0.32	2%
25	MC	296218	0.50	0.35	2%
26	MC	296218	0.79	0.47	2%
27	MC	296218	0.90	0.42	2%
28	MC	296218	0.40	0.36	2%
29	MC	296218	0.71	0.46	2%
30	MC	296218	0.79	0.38	2%
31	MC	296218	0.67	0.48	2%
32	MC	296218	0.51	0.32	2%
33	MC	296218	0.38	0.25	3%
34	MC	296218	0.52	0.36	2%
35	MC	296218	0.53	0.42	2%

*MC=Multiple Choice

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Reading
Annual Data, Grade Span 4

Operational Item Number	Type*		P-value	Point Biserial	Percent Omit
	MC	239272	0.81	0.39	3%
2	MC	239272	0.75	0.42	3%
3	MC	239272	0.68	0.42	3%
4	MC	239272	0.67	0.31	3%
5	MC	239272	0.59	0.47	3%
6	MC	239272	0.38	0.36	3%
7	MC	239272	0.65	0.59	3%
8	MC	239272	0.85	0.55	3%
9	MC	239272	0.73	0.49	3%
10	MC	239272	0.62	0.53	3%
11	MC	239272	0.73	0.64	3%
12	MC	239272	0.75	0.46	3%
13	MC	239272	0.63	0.48	3%
14	MC	239272	0.77	0.52	3%
15	MC	239272	0.81	0.47	3%
16	MC	239272	0.89	0.48	3%
17	MC	239272	0.80	0.48	3%
18	MC	239272	0.57	0.46	3%
19	MC	239272	0.65	0.54	4%
20	MC	239272	0.78	0.49	3%
21	MC	239272	0.83	0.51	3%
22	MC	239272	0.57	0.43	3%
23	MC	239272	0.87	0.58	3%
24	MC	239272	0.77	0.39	3%
25	MC	239272	0.79	0.53	3%
26	MC	239272	0.70	0.56	3%
27	MC	239272	0.58	0.57	3%
28	MC	239272	0.59	0.41	3%
29	MC	239272	0.49	0.45	3%
30	MC	239272	0.77	0.60	3%
31	MC	239272	0.73	0.50	3%
32	MC	239272	0.74	0.50	3%
33	MC	239272	0.68	0.45	3%
34	MC	239272	0.71	0.54	3%
35	MC	239272	0.70	0.59	3%

*MC=Multiple Choice

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Writing
Annual Data, Grade Span 1

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	MC	160257	0.71	0.47	3%
2	MC	160257	0.65	0.36	4%
3	MC	160257	0.73	0.47	3%
4	MC	160257	0.67	0.52	4%
5	MC	160257	0.62	0.48	3%
6	MC	160257	0.79	0.51	4%
7	MC	160257	0.60	0.37	4%
8	MC	160257	0.34	0.26	5%
9	MC	160257	0.44	0.42	5%
10	MC	160257	0.58	0.40	6%
11	MC	160257	0.30	0.22	5%
12	MC	160257	0.66	0.53	6%
13	MC	160257	0.61	0.47	4%
14	MC	160257	0.68	0.42	5%
15	MC	160257	0.35	0.29	5%
16	MC	160257	0.26	0.18	5%
17	MC	160257	0.42	0.22	5%
18	MC	160257	0.47	0.24	5%

Writing
Annual Data, Grade Span 2

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	MC	432974	0.85	0.43	2%
2	MC	432974	0.39	0.24	2%
3	MC	432974	0.83	0.51	2%
4	MC	432974	0.83	0.55	2%
5	MC	432974	0.88	0.55	2%
6	MC	432974	0.55	0.38	2%
7	MC	432974	0.54	0.41	2%
8	MC	432974	0.84	0.50	2%
9	MC	432974	0.85	0.56	2%
10	MC	432974	0.68	0.40	2%
11	MC	432974	0.66	0.42	2%
12	MC	432974	0.63	0.43	2%
13	MC	432974	0.83	0.57	3%
14	MC	432974	0.88	0.57	3%
15	MC	432974	0.79	0.50	2%
16	MC	432974	0.84	0.55	3%
17	MC	432974	0.78	0.44	3%
18	MC	432974	0.86	0.50	3%

*MC=Multiple Choice

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Writing
Annual Data, Grade Span 3

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	MC	296218	0.65	0.29	2%
2	MC	296218	0.72	0.39	2%
3	MC	296218	0.92	0.50	2%
4	MC	296218	0.85	0.58	2%
5	MC	296218	0.87	0.54	2%
6	MC	296218	0.77	0.44	2%
7	MC	296218	0.85	0.42	2%
8	MC	296218	0.92	0.57	2%
9	MC	296218	0.62	0.27	2%
10	MC	296218	0.92	0.58	2%
11	MC	296218	0.33	0.18	2%
12	MC	296218	0.87	0.50	2%
13	MC	296218	0.62	0.30	2%
14	MC	296218	0.85	0.58	2%
15	MC	296218	0.75	0.50	2%
16	MC	296218	0.75	0.41	2%
17	MC	296218	0.88	0.57	2%
18	MC	296218	0.91	0.53	2%

Writing
Annual Data, Grade Span 4

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	MC	239272	0.89	0.56	3%
2	MC	239272	0.82	0.42	3%
3	MC	239272	0.75	0.50	3%
4	MC	239272	0.40	0.25	3%
5	MC	239272	0.78	0.49	3%
6	MC	239272	0.78	0.48	3%
7	MC	239272	0.86	0.57	3%
8	MC	239272	0.94	0.61	3%
9	MC	239272	0.91	0.57	3%
10	MC	239272	0.74	0.46	3%
11	MC	239272	0.88	0.54	3%
12	MC	239272	0.82	0.44	3%
13	MC	239272	0.78	0.39	3%
14	MC	239272	0.84	0.57	3%
15	MC	239272	0.93	0.55	3%
16	MC	239272	0.78	0.52	3%
17	MC	239272	0.76	0.53	3%
18	MC	239272	0.76	0.54	3%

*MC=Multiple Choice

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Writing Constructed Response Items
Annual Data

Grade Span	Operational Item Number	N	Percent of Maximum	Alpha*	Item-Test Correlation	Mean	Standard Deviation
1	19	160257	57%	0.87	0.70	1.71	0.78
1	20	160257	56%	0.87	0.72	1.68	0.73
1	21	160257	60%	0.87	0.68	1.81	0.78
1	22	160257	51%	0.87	0.70	1.53	0.72
1	23	160257	45%	0.86	0.76	2.26	1.04
2	19	432974	73%	0.89	0.61	2.20	0.66
2	20	432974	73%	0.89	0.65	2.20	0.67
2	21	432974	69%	0.89	0.65	2.07	0.66
2	22	432974	70%	0.89	0.65	2.09	0.66
2	23	432974	53%	0.89	0.67	2.66	0.83
3	19	296218	69%	0.88	0.60	2.07	0.60
3	20	296218	73%	0.88	0.62	2.20	0.65
3	21	296218	71%	0.88	0.60	2.12	0.61
3	22	296218	73%	0.88	0.60	2.18	0.65
3	23	296218	57%	0.87	0.67	2.86	0.73
4	19	239272	72%	0.90	0.64	2.16	0.65
4	20	239272	71%	0.90	0.66	2.13	0.62
4	21	239272	68%	0.90	0.66	2.04	0.61
4	22	239272	68%	0.90	0.65	2.05	0.58
4	23	239272	57%	0.90	0.69	2.85	0.84

*The alphas noted here indicate the reliability of the Writing test with that particular constructed response item removed.

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Listening/Speaking
Initial Identification Data, Grade Span 1

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	DCR	287561	0.81	0.66	1%
2	DCR	287561	0.76	0.65	1%
3	DCR	287561	0.84	0.67	1%
4	DCR	287561	0.61	0.65	14%
5	DCR	287561	0.51	0.64	14%
6	DCR	287561	0.35	0.52	14%
7	DCR	287561	0.29	0.53	15%
8	DCR	287561	0.14	0.38	15%
9	DCR	287561	0.51	0.69	15%
10	DCR	287561	0.43	0.58	16%
11	DCR	287561	0.79	0.74	1%
12	DCR	287561	0.79	0.75	1%
13	DCR	287561	0.78	0.76	1%
14	DCR	287561	0.75	0.76	17%
15	DCR	287561	0.78	0.76	17%
16	DCR	287561	0.74	0.74	17%
17	DCR	287561	0.80	0.74	17%
18	DCR	287561	0.67	0.71	17%
19	DCR	287561	0.69	0.73	18%
20	DCR	287561	0.76	0.75	18%
21	DCR	287561	0.77	0.74	18%
22	DCR	287561	0.77	0.76	18%
23	DCR	287561	0.63	0.66	18%
24	DCR	287561	0.66	0.67	18%
25	DCR	287561	0.75	0.75	18%
26	DCR	287561	0.46	0.62	7%
27	DCR	287561	0.71	0.76	7%
28	DCR	287561	0.61	0.70	8%
29	DCR	287561	0.71	0.75	21%
30	DCR	287561	0.53	0.65	22%
31	DCR	287561	0.56	0.70	22%
32	DCR	287561	0.61	0.74	23%
33	DCR	287561	0.66	0.76	23%
34	DCR	287561	0.09	0.33	19%
35	DCR	287561	0.22	0.49	20%
36	MC	287561	0.46	0.65	8%
37	MC	287561	0.32	0.45	8%
38	MC	287561	0.47	0.67	8%
39	MC	287561	0.46	0.66	9%
40	MC	287561	0.47	0.68	9%
41	MC	287561	0.39	0.58	36%
42	MC	287561	0.47	0.68	36%
43	MC	287561	0.38	0.58	36%
44	MC	287561	0.43	0.63	36%
45	MC	287561	0.24	0.35	36%

*DCR=Dichotomous Constructed Response
MC=Multiple Choice

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Listening/Speaking
Initial Identification, Grade Span 2

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	DCR	68545	0.62	0.77	1%
2	DCR	68545	0.63	0.80	1%
3	DCR	68545	0.53	0.71	2%
4	DCR	68545	0.65	0.84	23%
5	DCR	68545	0.66	0.86	24%
6	DCR	68545	0.68	0.86	25%
7	DCR	68545	0.67	0.87	25%
8	DCR	68545	0.48	0.67	25%
9	DCR	68545	0.60	0.80	25%
10	DCR	68545	0.63	0.82	25%
11	DCR	68545	0.72	0.82	1%
12	DCR	68545	0.80	0.86	1%
13	DCR	68545	0.79	0.86	2%
14	DCR	68545	0.80	0.86	18%
15	DCR	68545	0.77	0.85	18%
16	DCR	68545	0.80	0.86	19%
17	DCR	68545	0.71	0.80	19%
18	DCR	68545	0.71	0.80	19%
19	DCR	68545	0.77	0.86	19%
20	DCR	68545	0.78	0.85	19%
21	DCR	68545	0.75	0.86	19%
22	DCR	68545	0.77	0.84	19%
23	DCR	68545	0.77	0.87	19%
24	DCR	68545	0.76	0.86	19%
25	DCR	68545	0.78	0.86	19%
26	DCR	68545	0.65	0.83	11%
27	DCR	68545	0.76	0.85	12%
28	DCR	68545	0.67	0.87	11%
29	DCR	68545	0.45	0.61	20%
30	DCR	68545	0.64	0.84	21%
31	DCR	68545	0.63	0.82	21%
32	DCR	68545	0.73	0.89	22%
33	DCR	68545	0.31	0.45	20%
34	DCR	68545	0.50	0.68	20%
35	DCR	68545	0.41	0.57	20%
36	MC	68545	0.72	0.87	12%
37	MC	68545	0.71	0.84	12%
38	MC	68545	0.68	0.83	12%
39	MC	68545	0.66	0.79	12%
40	MC	68545	0.74	0.89	13%
41	MC	68545	0.72	0.86	23%
42	MC	68545	0.72	0.85	23%
43	MC	68545	0.73	0.88	23%
44	MC	68545	0.70	0.82	23%
45	MC	68545	0.73	0.88	23%

*DCR=Dichotomous Constructed Response
MC=Multiple Choice

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Listening/Speaking
Initial Identification, Grade Span 3

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	DCR	59679	0.69	0.81	1%
2	DCR	59679	0.68	0.84	1%
3	DCR	59679	0.65	0.81	2%
4	DCR	59679	0.67	0.81	21%
5	DCR	59679	0.68	0.86	21%
6	DCR	59679	0.53	0.72	23%
7	DCR	59679	0.63	0.77	23%
8	DCR	59679	0.62	0.81	23%
9	DCR	59679	0.58	0.75	23%
10	DCR	59679	0.68	0.87	23%
11	DCR	59679	0.79	0.87	2%
12	DCR	59679	0.79	0.85	2%
13	DCR	59679	0.79	0.87	2%
14	DCR	59679	0.80	0.86	17%
15	DCR	59679	0.76	0.83	17%
16	DCR	59679	0.75	0.83	18%
17	DCR	59679	0.71	0.81	18%
18	DCR	59679	0.79	0.86	18%
19	DCR	59679	0.78	0.86	18%
20	DCR	59679	0.73	0.80	18%
21	DCR	59679	0.79	0.85	18%
22	DCR	59679	0.75	0.82	18%
23	DCR	59679	0.71	0.81	18%
24	DCR	59679	0.80	0.86	18%
25	DCR	59679	0.79	0.86	18%
26	DCR	59679	0.65	0.80	10%
27	DCR	59679	0.60	0.77	11%
28	DCR	59679	0.45	0.63	11%
29	DCR	59679	0.46	0.64	23%
30	DCR	59679	0.55	0.74	23%
31	DCR	59679	0.52	0.71	24%
32	DCR	59679	0.54	0.73	23%
33	DCR	59679	0.50	0.69	23%
34	DCR	59679	0.28	0.47	23%
35	DCR	59679	0.33	0.52	23%
36	MC	59679	0.74	0.85	11%
37	MC	59679	0.76	0.87	11%
38	MC	59679	0.75	0.87	11%
39	MC	59679	0.76	0.87	12%
40	MC	59679	0.75	0.86	12%
41	MC	59679	0.71	0.83	21%
42	MC	59679	0.76	0.87	21%
43	MC	59679	0.74	0.85	21%
44	MC	59679	0.77	0.89	21%
45	MC	59679	0.77	0.89	21%

*DCR=Dichotomous Constructed Response
MC=Multiple Choice

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Listening/Speaking
Initial Identification, Grade Span 4

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	DCR	67707	0.66	0.82	2%
2	DCR	67707	0.65	0.83	2%
3	DCR	67707	0.68	0.83	3%
4	DCR	67707	0.58	0.75	23%
5	DCR	67707	0.62	0.80	23%
6	DCR	67707	0.53	0.71	24%
7	DCR	67707	0.47	0.63	25%
8	DCR	67707	0.34	0.51	25%
9	DCR	67707	0.55	0.72	25%
10	DCR	67707	0.50	0.67	25%
11	DCR	67707	0.82	0.85	3%
12	DCR	67707	0.78	0.85	3%
13	DCR	67707	0.79	0.83	3%
14	DCR	67707	0.78	0.84	16%
15	DCR	67707	0.81	0.86	16%
16	DCR	67707	0.77	0.83	17%
17	DCR	67707	0.80	0.86	17%
18	DCR	67707	0.79	0.87	17%
19	DCR	67707	0.80	0.86	17%
20	DCR	67707	0.81	0.85	17%
21	DCR	67707	0.78	0.81	17%
22	DCR	67707	0.81	0.86	17%
23	DCR	67707	0.74	0.80	17%
24	DCR	67707	0.82	0.86	17%
25	DCR	67707	0.79	0.84	17%
26	DCR	67707	0.70	0.84	10%
27	DCR	67707	0.76	0.86	10%
28	DCR	67707	0.70	0.84	10%
29	DCR	67707	0.59	0.71	19%
30	DCR	67707	0.60	0.74	19%
31	DCR	67707	0.55	0.72	20%
32	DCR	67707	0.61	0.78	19%
33	DCR	67707	0.38	0.51	19%
34	DCR	67707	0.58	0.75	19%
35	DCR	67707	0.10	0.24	19%
36	MC	67707	0.79	0.86	10%
37	MC	67707	0.78	0.83	10%
38	MC	67707	0.78	0.84	10%
39	MC	67707	0.65	0.73	11%
40	MC	67707	0.76	0.79	12%
41	MC	67707	0.78	0.84	18%
42	MC	67707	0.77	0.82	19%
43	MC	67707	0.64	0.67	19%
44	MC	67707	0.79	0.86	19%
45	MC	67707	0.75	0.84	19%

*DCR=Dichotomous Constructed Response
MC=Multiple Choice

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Listening/Speaking Story Retelling Items
Initial Identification Data

Grade Span	Operational Item Number	N	Percent of Maximum	Alpha*	Item-Test Correlation	Mean	Standard Deviation
1	46	287561	36%	0.97	0.76	9.03	7.11
2	46	68545	48%	0.99	0.86	12.03	8.39
3	46	59679	49%	0.99	0.84	12.19	8.58
4	46	67707	50%	0.99	0.82	12.61	8.50

* The alphas noted here indicate the reliability of the Listening/Speaking test with the story retelling item removed. The primary reason that the reliability of the test is increased as a result of removing this item is that there is a measure of scoring error associated with this item which is multiplied by five because of the weighting of the item. In the case of story retelling the item is worth a total of 25 points. The effect of the heavy weighting of this item, then, has the effect of further increasing the scoring error, and consequently, reducing the alpha for the Listening/Speaking test.

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Reading
Initial Identification Data, Grade Span 1

Operational Item Number	Type*		P-value	Point Biserial	Percent Omit
	MC	26459	0.70	0.70	18%
2	MC	26459	0.44	0.67	19%
3	MC	26459	0.73	0.71	18%
4	MC	26459	0.52	0.66	19%
5	MC	26459	0.69	0.73	19%
6	MC	26459	0.43	0.57	20%
7	MC	26459	0.44	0.59	21%
8	MC	26459	0.43	0.48	21%
9	MC	26459	0.20	0.31	21%
10	MC	26459	0.58	0.72	21%
11	MC	26459	0.44	0.61	21%
12	MC	26459	0.65	0.73	22%
13	MC	26459	0.52	0.66	23%
14	MC	26459	0.54	0.69	22%
15	MC	26459	0.56	0.69	22%
16	MC	26459	0.55	0.64	23%
17	MC	26459	0.52	0.71	22%
18	MC	26459	0.38	0.52	27%
19	MC	26459	0.52	0.70	21%
20	MC	26459	0.72	0.74	20%
21	MC	26459	0.55	0.66	21%
22	MC	26459	0.57	0.72	21%
23	MC	26459	0.42	0.61	22%
24	MC	26459	0.29	0.47	22%
25	MC	26459	0.46	0.61	23%
26	MC	26459	0.56	0.70	23%
27	MC	26459	0.38	0.56	23%
28	MC	26459	0.37	0.58	25%
29	MC	26459	0.37	0.56	28%
30	MC	26459	0.31	0.41	24%
31	MC	26459	0.41	0.52	24%
32	MC	26459	0.53	0.72	24%
33	MC	26459	0.48	0.69	24%
34	MC	26459	0.47	0.65	24%
35	MC	26459	0.43	0.64	25%

*MC=Multiple Choice

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Reading
Initial Identification Data, Grade Span 2

Operational Item Number	Type*		P-value	Point Biserial	Percent Omit
	MC	68545	0.67	0.72	19%
2	MC	68545	0.56	0.64	20%
3	MC	68545	0.55	0.68	20%
4	MC	68545	0.41	0.54	21%
5	MC	68545	0.37	0.56	20%
6	MC	68545	0.47	0.64	21%
7	MC	68545	0.58	0.71	21%
8	MC	68545	0.47	0.63	22%
9	MC	68545	0.63	0.72	21%
10	MC	68545	0.46	0.62	21%
11	MC	68545	0.55	0.70	21%
12	MC	68545	0.58	0.67	22%
13	MC	68545	0.67	0.73	20%
14	MC	68545	0.69	0.74	20%
15	MC	68545	0.49	0.60	20%
16	MC	68545	0.61	0.73	20%
17	MC	68545	0.60	0.68	20%
18	MC	68545	0.72	0.76	20%
19	MC	68545	0.65	0.76	21%
20	MC	68545	0.48	0.59	21%
21	MC	68545	0.54	0.69	21%
22	MC	68545	0.60	0.75	21%
23	MC	68545	0.55	0.72	22%
24	MC	68545	0.41	0.55	21%
25	MC	68545	0.59	0.75	21%
26	MC	68545	0.56	0.69	22%
27	MC	68545	0.53	0.67	22%
28	MC	68545	0.38	0.52	22%
29	MC	68545	0.52	0.72	22%
30	MC	68545	0.53	0.72	22%
31	MC	68545	0.51	0.65	22%
32	MC	68545	0.53	0.69	22%
33	MC	68545	0.53	0.74	22%
34	MC	68545	0.53	0.70	22%
35	MC	68545	0.56	0.72	22%

*MC=Multiple Choice

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Reading
Initial Identification Data, Grade Span 3

Operational Item Number	Type*		P-value	Point Biserial	Percent Omit
	MC	59679	0.68	0.68	18%
2	MC	59679	0.42	0.48	18%
3	MC	59679	0.49	0.52	18%
4	MC	59679	0.48	0.63	18%
5	MC	59679	0.56	0.62	18%
6	MC	59679	0.47	0.65	18%
7	MC	59679	0.40	0.56	19%
8	MC	59679	0.41	0.56	19%
9	MC	59679	0.50	0.64	19%
10	MC	59679	0.43	0.54	19%
11	MC	59679	0.46	0.48	18%
12	MC	59679	0.50	0.65	19%
13	MC	59679	0.45	0.66	19%
14	MC	59679	0.70	0.78	18%
15	MC	59679	0.62	0.71	18%
16	MC	59679	0.55	0.71	19%
17	MC	59679	0.62	0.70	19%
18	MC	59679	0.44	0.58	19%
19	MC	59679	0.66	0.66	19%
20	MC	59679	0.63	0.68	19%
21	MC	59679	0.31	0.47	19%
22	MC	59679	0.38	0.57	19%
23	MC	59679	0.57	0.65	19%
24	MC	59679	0.49	0.58	19%
25	MC	59679	0.44	0.54	19%
26	MC	59679	0.64	0.73	19%
27	MC	59679	0.74	0.75	19%
28	MC	59679	0.36	0.54	19%
29	MC	59679	0.59	0.70	19%
30	MC	59679	0.65	0.69	19%
31	MC	59679	0.55	0.70	19%
32	MC	59679	0.45	0.54	19%
33	MC	59679	0.34	0.46	19%
34	MC	59679	0.47	0.59	19%
35	MC	59679	0.48	0.64	19%

*MC=Multiple Choice

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Reading
Initial Identification Data, Grade Span 4

Operational Item Number	Type*		P-value	Point Biserial	Percent Omit
	MC	67707	0.68	0.66	15%
2	MC	67707	0.63	0.65	15%
3	MC	67707	0.58	0.61	16%
4	MC	67707	0.59	0.54	15%
5	MC	67707	0.51	0.62	16%
6	MC	67707	0.35	0.50	16%
7	MC	67707	0.52	0.73	16%
8	MC	67707	0.69	0.74	16%
9	MC	67707	0.63	0.67	16%
10	MC	67707	0.53	0.68	16%
11	MC	67707	0.59	0.77	16%
12	MC	67707	0.62	0.66	16%
13	MC	67707	0.54	0.63	16%
14	MC	67707	0.61	0.71	17%
15	MC	67707	0.68	0.70	16%
16	MC	67707	0.75	0.73	16%
17	MC	67707	0.66	0.70	16%
18	MC	67707	0.50	0.63	16%
19	MC	67707	0.54	0.69	18%
20	MC	67707	0.64	0.69	16%
21	MC	67707	0.69	0.73	16%
22	MC	67707	0.47	0.58	17%
23	MC	67707	0.72	0.78	16%
24	MC	67707	0.66	0.64	16%
25	MC	67707	0.66	0.73	16%
26	MC	67707	0.58	0.72	16%
27	MC	67707	0.50	0.70	17%
28	MC	67707	0.48	0.56	17%
29	MC	67707	0.43	0.58	17%
30	MC	67707	0.63	0.76	17%
31	MC	67707	0.63	0.68	17%
32	MC	67707	0.63	0.69	17%
33	MC	67707	0.60	0.62	17%
34	MC	67707	0.60	0.71	17%
35	MC	67707	0.58	0.73	17%

*MC=Multiple Choice

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Writing
Initial Identification Data, Grade Span 1

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	MC	26459	0.58	0.69	22%
2	MC	26459	0.51	0.58	22%
3	MC	26459	0.58	0.70	22%
4	MC	26459	0.54	0.70	22%
5	MC	26459	0.52	0.68	22%
6	MC	26459	0.63	0.75	23%
7	MC	26459	0.47	0.57	23%
8	MC	26459	0.31	0.47	23%
9	MC	26459	0.38	0.58	23%
10	MC	26459	0.47	0.61	24%
11	MC	26459	0.28	0.40	24%
12	MC	26459	0.54	0.71	24%
13	MC	26459	0.50	0.66	23%
14	MC	26459	0.54	0.66	23%
15	MC	26459	0.31	0.46	23%
16	MC	26459	0.24	0.35	23%
17	MC	26459	0.37	0.46	23%
18	MC	26459	0.41	0.48	23%

Writing
Initial Identification Data, Grade Span 2

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	MC	68545	0.66	0.74	21%
2	MC	68545	0.36	0.44	21%
3	MC	68545	0.63	0.75	21%
4	MC	68545	0.64	0.79	21%
5	MC	68545	0.68	0.82	21%
6	MC	68545	0.46	0.59	21%
7	MC	68545	0.45	0.60	21%
8	MC	68545	0.66	0.77	21%
9	MC	68545	0.65	0.79	21%
10	MC	68545	0.53	0.63	21%
11	MC	68545	0.52	0.66	21%
12	MC	68545	0.49	0.62	21%
13	MC	68545	0.64	0.79	21%
14	MC	68545	0.68	0.82	21%
15	MC	68545	0.61	0.75	21%
16	MC	68545	0.65	0.80	21%
17	MC	68545	0.62	0.73	21%
18	MC	68545	0.67	0.78	21%

*MC=Multiple Choice

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Writing
Initial Identification Data, Grade Span 3

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	MC	59679	0.55	0.57	18%
2	MC	59679	0.57	0.66	18%
3	MC	59679	0.75	0.80	18%
4	MC	59679	0.66	0.80	18%
5	MC	59679	0.67	0.79	18%
6	MC	59679	0.61	0.70	18%
7	MC	59679	0.69	0.72	18%
8	MC	59679	0.74	0.82	18%
9	MC	59679	0.53	0.55	18%
10	MC	59679	0.72	0.83	18%
11	MC	59679	0.30	0.38	18%
12	MC	59679	0.71	0.79	18%
13	MC	59679	0.52	0.59	19%
14	MC	59679	0.66	0.80	18%
15	MC	59679	0.57	0.71	18%
16	MC	59679	0.62	0.69	18%
17	MC	59679	0.70	0.81	18%
18	MC	59679	0.74	0.81	18%

Writing
Initial Identification Data, Grade Span 4

Operational Item Number	Type*	N	P-value	Point Biserial	Percent Omit
1	MC	67707	0.75	0.77	15%
2	MC	67707	0.70	0.69	15%
3	MC	67707	0.63	0.71	15%
4	MC	67707	0.39	0.42	16%
5	MC	67707	0.65	0.70	15%
6	MC	67707	0.65	0.69	15%
7	MC	67707	0.71	0.77	16%
8	MC	67707	0.79	0.83	15%
9	MC	67707	0.76	0.80	16%
10	MC	67707	0.61	0.66	16%
11	MC	67707	0.72	0.78	16%
12	MC	67707	0.68	0.69	16%
13	MC	67707	0.67	0.66	16%
14	MC	67707	0.68	0.76	16%
15	MC	67707	0.79	0.77	15%
16	MC	67707	0.65	0.72	16%
17	MC	67707	0.62	0.72	16%
18	MC	67707	0.63	0.73	16%

*MC=Multiple Choice

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Writing Constructed Response Items
Initial Identification Data

Grade Span	Operational Item Number	N	Percent of Maximum	Alpha*	Item-Test Correlation	Mean	Standard Deviation
1	19	26459	44%	0.94	0.87	1.33	1.02
1	20	26459	43%	0.94	0.88	1.29	0.99
1	21	26459	46%	0.94	0.86	1.39	1.06
1	22	26459	40%	0.94	0.87	1.19	0.94
1	23	26459	35%	0.94	0.89	1.74	1.39
2	19	68545	56%	0.96	0.89	1.68	1.12
2	20	68545	56%	0.96	0.90	1.69	1.13
2	21	68545	53%	0.96	0.90	1.59	1.09
2	22	68545	54%	0.96	0.90	1.61	1.10
2	23	68545	40%	0.96	0.90	2.00	1.38
3	19	59679	55%	0.96	0.88	1.66	1.03
3	20	59679	59%	0.96	0.89	1.76	1.09
3	21	59679	57%	0.96	0.88	1.70	1.05
3	22	59679	58%	0.96	0.89	1.74	1.08
3	23	59679	44%	0.96	0.90	2.21	1.39
4	19	67707	61%	0.96	0.87	1.82	1.00
4	20	67707	60%	0.96	0.88	1.81	0.98
4	21	67707	57%	0.96	0.87	1.71	0.97
4	22	67707	58%	0.96	0.87	1.74	0.95
4	23	67707	46%	0.96	0.88	2.32	1.37

*The alphas noted here indicate the reliability of the Writing test with that particular constructed response item removed.

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Reading Field Test Items
Annual Data, Grade Span 1

Form	Book Item Number	Type*	N	P-value	Point Biserial	Percent Omit
B1	22	MC	3036	0.95	0.21	1%
B1	24	MC	3036	0.93	0.33	1%
B1	26	MC	3036	0.49	0.38	2%
B1	28	MC	3036	0.48	0.47	3%
B2	22	MC	2949	0.72	0.48	1%
B2	24	MC	2949	0.87	0.30	1%
B2	26	MC	2949	0.52	0.55	3%
B2	28	MC	2949	0.22	0.14	3%
B3	22	MC	2832	0.85	0.35	1%
B3	24	MC	2832	0.75	0.51	1%
B3	26	MC	2832	0.41	0.32	3%
B3	28	MC	2832	0.37	0.30	3%
B4	22	MC	2767	0.76	0.38	2%
B4	24	MC	2767	0.70	0.48	2%
B4	26	MC	2767	0.45	0.53	3%
B4	28	MC	2767	0.60	0.52	3%

Reading items in grade span 1 were field tested in forms B1-B4.

Reading Field Test Items
Annual Data, Grade Span 2

Form	Book Item Number	Type*	N	P-value	Point Biserial	Percent Omit
B6	14	MC	3780	0.88	0.49	1%
B6	15	MC	3780	0.88	0.45	1%
B6	17	MC	3780	0.84	0.56	1%
B6	18	MC	3780	0.93	0.46	1%
B6	20	MC	3780	0.92	0.43	2%
B6	21	MC	3780	0.86	0.47	1%
B6	23	MC	3780	0.65	0.48	1%
B6	24	MC	3780	0.87	0.48	1%
B6	26	MC	3780	0.85	0.52	2%
B6	27	MC	3780	0.80	0.58	2%
B6	29	MC	3780	0.92	0.47	1%
B6	32	MC	3780	0.67	0.57	2%
B6	33	MC	3780	0.68	0.63	2%
B6	35	MC	3780	0.50	0.23	2%
B6	36	MC	3780	0.39	0.31	2%
B6	37	MC	3780	0.44	0.22	2%

For grade span 2, the same reading items were field tested in Forms B5 and B6; as Form B6 provided data for final calibrations, only the data from Form B6 was used for item analyses.

**MC=Multiple Choice

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Reading Field Test Items
Annual Data, Grade Span 3

Form	Book Item Number	Type*	N	P-value	Point Biserial	Percent Omit
B6	8	MC	2937	0.89	0.47	0%
B6	9	MC	2937	0.84	0.45	0%
B6	11	MC	2937	0.49	0.31	0%
B6	12	MC	2937	0.78	0.47	0%
B6	14	MC	2937	0.31	0.17	0%
B6	15	MC	2937	0.87	0.49	0%
B6	17	MC	2937	0.87	0.46	0%
B6	18	MC	2937	0.77	0.42	0%
B6	21	MC	2937	0.64	0.55	0%
B6	22	MC	2937	0.57	0.51	1%
B6	24	MC	2937	0.62	0.53	0%
B6	25	MC	2937	0.48	0.37	0%
B6	27	MC	2937	0.57	0.39	1%
B6	28	MC	2937	0.38	0.36	1%
B6	30	MC	2937	0.57	0.49	1%
B6	31	MC	2937	0.49	0.52	0%

For grade span 3, the same reading items were field tested in Forms B5 and B6; as Form B6 provided data for final calibrations, only the data from Form B6 was used for item analyses.

Reading Field Test Items
Annual Data, Grade Span 4

Form	Book Item Number	Type*	N	P-value	Point Biserial	Percent Omit
B6	6	MC	1004	0.79	0.52	0%
B6	7	MC	1004	0.64	0.53	0%
B6	9	MC	1004	0.70	0.25	0%
B6	10	MC	1004	0.69	0.24	0%
B6	12	MC	1004	0.82	0.39	0%
B6	13	MC	1004	0.30	0.30	0%
B6	15	MC	1004	0.57	0.37	0%
B6	16	MC	1004	0.41	0.25	0%
B6	18	MC	1004	0.82	0.39	0%
B6	19	MC	1004	0.67	0.51	0%
B6	21	MC	1004	0.29	0.27	0%
B6	22	MC	1004	0.53	0.51	0%
B6	24	MC	1004	0.67	0.51	0%
B6	25	MC	1004	0.41	0.48	0%
B6	27	MC	1004	0.63	0.39	0%
B6	28	MC	1004	0.41	0.35	0%

For grade span 4, the same reading items were field tested in Forms B5 and B6; as Form B6 provided data for final calibrations, only the data from Form B6 was used for item analyses.
*MC=Multiple Choice

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Writing Field Test
Annual Data, Grade Span 1

Form	Book Item Number	Type*	N	P-value	Point Biserial	Percent Omit
B1	6	MC	3015	0.41	0.36	3%
B1	7	MC	3015	0.65	0.41	2%
B1	13	MC	3015	0.57	0.37	2%
B1	14	MC	3015	0.58	0.38	3%
B1	20	MC	3015	0.60	0.40	4%
B1	21	MC	3015	0.66	0.42	3%
B1	25	MC	3015	0.44	0.27	4%
B2	6	MC	2932	0.48	0.27	2%
B2	7	MC	2932	0.56	0.52	3%
B2	13	MC	2932	0.54	0.48	2%
B2	14	MC	2932	0.57	0.46	3%
B2	20	MC	2932	0.61	0.50	3%
B2	21	MC	2932	0.65	0.50	2%
B2	25	MC	2932	0.45	0.28	3%
B3	6	MC	2821	0.73	0.43	2%
B3	7	MC	2821	0.55	0.35	2%
B3	13	MC	2821	0.72	0.47	2%
B3	14	MC	2821	0.61	0.42	3%
B3	20	MC	2821	0.23	0.07	3%
B3	21	MC	2821	0.69	0.41	2%
B3	25	MC	2821	0.63	0.49	3%
B4	6	MC	2751	0.60	0.44	2%
B4	7	MC	2751	0.59	0.47	3%
B4	13	MC	2751	0.24	0.24	2%
B4	14	MC	2751	0.67	0.30	3%
B4	20	MC	2751	0.60	0.48	3%
B4	21	MC	2751	0.61	0.47	2%
B4	25	MC	2751	0.70	0.47	3%

*MC=Multiple Choice

Writing Field Test, Constructed Response Items
Annual Data, Grade Span 1

Form	Book Item Number	N	Percent of Maximum	Item-Test Correlation	Mean	Standard Deviation
B1	28	3015	60%	0.60	1.79	0.54
B1	30	3015	61%	0.61	1.84	0.58
B1	33	3015	47%	0.72	1.89	0.67
B2	28	2932	62%	0.57	1.86	0.53
B2	30	2932	59%	0.59	1.76	0.52
B3	28	2821	60%	0.61	1.81	0.52
B3	30	2821	58%	0.62	1.73	0.55
B3	33	2821	45%	0.76	1.82	0.70
B4	28	2751	60%	0.60	1.81	0.54
B4	30	2751	59%	0.62	1.77	0.58

Writing items in all grade spans were field tested in Forms B1-B4.

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Writing Field Test
Annual Data, Grade Span 2

Form	Book Item Number	Type*	N	P-value	Point Biserial	Percent Omit
B1	6	MC	8082	0.61	0.32	1%
B1	7	MC	8082	0.46	0.32	1%
B1	13	MC	8082	0.75	0.42	1%
B1	14	MC	8082	0.75	0.45	1%
B1	20	MC	8082	0.80	0.45	1%
B1	21	MC	8082	0.81	0.46	1%
B1	25	MC	8082	0.79	0.48	2%
B2	6	MC	7873	0.77	0.47	1%
B2	7	MC	7873	0.64	0.33	0%
B2	13	MC	7873	0.77	0.44	1%
B2	14	MC	7873	0.61	0.31	1%
B2	20	MC	7873	0.58	0.31	1%
B2	21	MC	7873	0.78	0.41	1%
B2	25	MC	7873	0.81	0.42	1%
B3	6	MC	7953	0.85	0.42	0%
B3	7	MC	7953	0.73	0.44	0%
B3	13	MC	7953	0.88	0.47	1%
B3	14	MC	7953	0.81	0.51	1%
B3	20	MC	7953	0.77	0.46	1%
B3	21	MC	7953	0.84	0.46	1%
B3	25	MC	7953	0.69	0.38	1%
B4	6	MC	7636	0.72	0.47	0%
B4	7	MC	7636	0.84	0.45	0%
B4	13	MC	7636	0.79	0.45	1%
B4	14	MC	7636	0.47	0.22	1%
B4	20	MC	7636	0.70	0.43	1%
B4	21	MC	7636	0.66	0.47	1%
B4	25	MC	7636	0.62	0.39	1%

*MC=Multiple Choice

Writing Field Test, Constructed Response Items
Annual Data, Grade Span 2

Form	Book Item Number	N	Percent of Maximum	Item-Test Correlation	Mean	Standard Deviation
B1	28	8082	67%	0.62	2.00	0.65
B1	31	8082	63%	0.64	1.90	0.65
B1	33	8082	54%	0.65	2.14	0.73
B2	28	7873	66%	0.58	1.99	0.58
B2	31	7873	67%	0.57	2.02	0.59
B3	28	7953	70%	0.63	2.11	0.64
B3	31	7953	64%	0.58	1.91	0.64
B3	33	7953	56%	0.67	2.24	0.75
B4	28	7636	67%	0.60	2.00	0.59
B4	31	7636	62%	0.56	1.86	0.55

Writing items in all grade spans were field tested in Forms B1-B4.

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Writing Field Test
Annual Data, Grade Span 3

Form	Book Item Number	Type*	N	P-value	Point Biserial	Percent Omit
B1	6	MC	5431	0.92	0.40	0%
B1	7	MC	5431	0.92	0.33	0%
B1	13	MC	5431	0.67	0.44	0%
B1	14	MC	5431	0.92	0.37	0%
B1	20	MC	5431	0.80	0.37	0%
B1	21	MC	5431	0.89	0.36	1%
B1	25	MC	5431	0.61	0.36	1%
B2	6	MC	5175	0.84	0.46	0%
B2	7	MC	5175	0.86	0.51	0%
B2	13	MC	5175	0.83	0.51	0%
B2	14	MC	5175	0.87	0.51	0%
B2	20	MC	5175	0.89	0.44	0%
B2	21	MC	5175	0.89	0.49	0%
B2	25	MC	5175	0.84	0.50	0%
B3	6	MC	5143	0.85	0.43	0%
B3	7	MC	5143	0.91	0.45	0%
B3	13	MC	5143	0.87	0.44	0%
B3	14	MC	5143	0.90	0.39	0%
B3	20	MC	5143	0.56	0.21	0%
B3	21	MC	5143	0.82	0.51	1%
B3	25	MC	5143	0.66	0.34	1%
B4	6	MC	4959	0.93	0.43	0%
B4	7	MC	4959	0.63	0.25	0%
B4	13	MC	4959	0.60	0.26	1%
B4	14	MC	4959	0.63	0.20	1%
B4	20	MC	4959	0.66	0.22	0%
B4	21	MC	4959	0.84	0.33	1%
B4	25	MC	4959	0.73	0.42	1%

*MC=Multiple Choice

Writing Field Test, Constructed Response Items
Annual Data, Grade Span 3

Form	Book Item Number	N	Percent of Maximum	Item-Test Correlation	Mean	Standard Deviation
B1	28	5431	68%	0.53	2.04	0.49
B1	31	5431	71%	0.53	2.13	0.54
B1	33	5431	59%	0.59	2.36	0.65
B2	28	5175	75%	0.51	2.25	0.58
B2	31	5175	69%	0.52	2.08	0.58
B3	28	5143	72%	0.54	2.16	0.55
B3	31	5143	71%	0.54	2.13	0.55
B3	33	5143	57%	0.61	2.28	0.69
B4	28	4959	66%	0.46	1.99	0.43
B4	31	4959	76%	0.53	2.28	0.59

Writing items in all grade spans were field tested in Forms B1-B4.

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Writing Field Test
Annual Data, Grade Span 4

Form	Book Item Number	Type*	N	P-value	Point Biserial	Percent Omit
B1	6	MC	2876	0.84	0.43	0%
B1	7	MC	2876	0.64	0.38	0%
B1	13	MC	2876	0.59	0.33	0%
B1	14	MC	2876	0.88	0.44	0%
B1	20	MC	2876	0.68	0.44	0%
B1	21	MC	2876	0.92	0.41	1%
B1	25	MC	2876	0.84	0.51	0%
B2	6	MC	2773	0.82	0.28	0%
B2	7	MC	2773	0.88	0.49	0%
B2	13	MC	2773	0.85	0.51	0%
B2	14	MC	2773	0.69	0.39	0%
B2	20	MC	2773	0.60	0.36	0%
B2	21	MC	2773	0.90	0.43	0%
B2	25	MC	2773	0.85	0.49	1%
B3	6	MC	2656	0.85	0.38	0%
B3	7	MC	2656	0.81	0.47	0%
B3	13	MC	2656	0.64	0.41	0%
B3	14	MC	2656	0.85	0.34	0%
B3	20	MC	2656	0.88	0.29	0%
B3	21	MC	2656	0.79	0.46	0%
B3	25	MC	2656	0.54	0.38	1%
B4	6	MC	2644	0.77	0.51	0%
B4	7	MC	2644	0.89	0.48	0%
B4	13	MC	2644	0.93	0.36	0%
B4	14	MC	2644	0.72	0.49	0%
B4	20	MC	2644	0.84	0.50	0%
B4	21	MC	2644	0.90	0.33	0%
B4	25	MC	2644	0.76	0.20	0%

*MC=Multiple Choice

Writing Field Test, Constructed Response Items
Annual Data, Grade Span 4

Form	Book Item Number	N	Percent of Maximum	Item-Test Correlation	Mean	Standard Deviation
B1	28	2876	68%	0.44	2.04	0.47
B1	31	2876	72%	0.45	2.16	0.53
B1	33	2876	66%	0.65	2.64	0.74
B2	28	2773	70%	0.51	2.11	0.53
B2	31	2773	72%	0.48	2.17	0.54
B3	28	2656	71%	0.51	2.14	0.54
B3	31	2656	74%	0.51	2.21	0.59
B3	33	2656	68%	0.66	2.73	0.71
B4	28	2644	74%	0.47	2.22	0.55
B4	31	2644	72%	0.44	2.15	0.52

Writing items in all grade spans were field tested in Forms B1-B4.

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Appendix C Form B Annual and Initial P-Value Data Comparison

CELDT 2002, Differences Between P-Values
Annual Data Minus Initial Data
Listening and Speaking

Operational Item Number	Grade Span 1	Grade Span 2	Grade Span 3	Grade Span 4
1	0.12	0.15	0.11	0.04
2	0.13	0.13	0.13	0.04
3	0.10	0.10	0.12	0.04
4	0.17	0.16	0.14	0.02
5	0.26	0.18	0.16	0.03
6	0.18	0.17	0.10	-0.01
7	0.26	0.19	0.11	0.00
8	0.14	0.07	0.14	-0.05
9	0.33	0.16	0.10	0.01
10	0.27	0.15	0.16	-0.01
11	0.12	0.14	0.11	-0.02
12	0.12	0.12	0.10	0.00
13	0.13	0.13	0.11	-0.02
14	0.15	0.12	0.10	-0.01
15	0.13	0.14	0.10	-0.02
16	0.14	0.12	0.10	-0.01
17	0.11	0.14	0.10	-0.01
18	0.17	0.14	0.10	0.00
19	0.16	0.14	0.11	-0.01
20	0.14	0.13	0.10	-0.02
21	0.12	0.15	0.09	-0.02
22	0.13	0.13	0.11	-0.02
23	0.16	0.14	0.12	-0.01
24	0.13	0.14	0.10	-0.02
25	0.14	0.14	0.10	-0.01
26	0.24	0.17	0.12	0.03
27	0.19	0.15	0.13	0.02
28	0.23	0.20	0.05	0.03
29	0.18	0.08	0.07	0.01
30	0.27	0.20	0.13	0.00
31	0.22	0.18	0.10	0.00
32	0.24	0.18	0.10	0.00
33	0.21	-0.02	0.11	-0.06
34	0.09	0.11	-0.03	0.02
35	0.26	0.08	-0.01	-0.05
36	0.24	0.15	0.11	-0.01
37	0.08	0.13	0.11	-0.01
38	0.32	0.15	0.12	-0.01
39	0.26	0.14	0.10	-0.01
40	0.31	0.16	0.11	-0.01
41	0.21	0.15	0.12	-0.01
42	0.33	0.15	0.11	0.00
43	0.21	0.15	0.11	0.00
44	0.25	0.14	0.12	-0.01
45	0.03	0.17	0.11	0.00
Sum	**8.38**	**6.30**	**4.71**	**-0.16**
Avg	**0.19**	**0.14**	**0.10**	**0.00**

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CELDT 2002, Differences Between P-Values
Annual Data Minus Initial Data

	Reading			
Operational Item Number	**Grade Span 1**	**Grade Span 2**	**Grade Span 3**	**Grade Span 4**
1	0.17	0.18	0.15	0.13
2	0.09	0.15	0.05	0.12
3	0.17	0.17	0.07	0.10
4	0.12	0.06	0.08	0.08
5	0.17	0.07	0.10	0.08
6	0.09	0.12	0.08	0.03
7	0.07	0.17	0.05	0.13
8	0.07	0.12	0.03	0.16
9	0.02	0.16	0.06	0.10
10	0.13	0.11	0.07	0.09
11	0.08	0.15	0.08	0.14
12	0.14	0.15	0.07	0.13
13	0.12	0.15	0.07	0.09
14	0.11	0.21	0.21	0.16
15	0.12	0.08	0.17	0.13
16	0.11	0.19	0.13	0.14
17	0.10	0.12	0.15	0.14
18	0.05	0.17	0.06	0.07
19	0.10	0.18	0.16	0.11
20	0.19	0.11	0.12	0.14
21	0.11	0.15	0.00	0.14
22	0.13	0.19	0.06	0.10
23	0.07	0.15	0.10	0.15
24	0.02	0.09	0.12	0.11
25	0.09	0.16	0.06	0.13
26	0.13	0.14	0.15	0.12
27	0.07	0.12	0.16	0.08
28	0.06	0.07	0.04	0.11
29	0.06	0.12	0.12	0.06
30	0.04	0.14	0.14	0.14
31	0.07	0.12	0.12	0.10
32	0.11	0.13	0.06	0.11
33	0.10	0.15	0.04	0.08
34	0.09	0.13	0.05	0.11
35	0.07	0.13	0.05	0.12
Sum	**3.44**	**4.81**	**3.23**	**3.93**
Avg	**0.10**	**0.14**	**0.09**	**0.11**

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CELDT 2002, Differences Between P-Values
Annual Data Minus Initial Data

Writing

Operational Item Number	Grade Span 1	Grade Span 2	Grade Span 3	Grade Span 4
1	0.13	0.19	0.10	0.14
2	0.14	0.03	0.15	0.12
3	0.15	0.20	0.17	0.12
4	0.13	0.19	0.19	0.01
5	0.10	0.20	0.20	0.13
6	0.16	0.09	0.16	0.13
7	0.13	0.09	0.16	0.15
8	0.03	0.18	0.18	0.15
9	0.06	0.20	0.09	0.15
10	0.11	0.15	0.20	0.13
11	0.02	0.14	0.03	0.16
12	0.12	0.14	0.16	0.14
13	0.11	0.19	0.10	0.11
14	0.14	0.20	0.19	0.16
15	0.04	0.18	0.18	0.14
16	0.02	0.19	0.13	0.13
17	0.05	0.16	0.18	0.14
18	0.06	0.19	0.17	0.13
Sum	**1.70**	**2.91**	**2.74**	**2.34**
Avg	**0.09**	**0.16**	**0.15**	**0.13**

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Appendix D Form B Operational Item Parameters

Listening/Speaking, Annual Data, Grade Span 1

Operational Item Number*	Model**	Parameters					
		A/Alpha	B/Gamma 1	C/Gamma 2	Gamma 3	Gamma 4	Gamma 5
1	2PPC	0.0301	10.6619	NA	NA	NA	NA
2	2PPC	0.0170	5.6870	NA	NA	NA	NA
3	2PPC	0.0313	10.4427	NA	NA	NA	NA
4	2PPC	0.0256	11.0466	NA	NA	NA	NA
5	2PPC	0.0269	11.7594	NA	NA	NA	NA
6	2PPC	0.0141	6.8900	NA	NA	NA	NA
7	2PPC	0.0264	12.9223	NA	NA	NA	NA
8	2PPC	0.0242	13.1747	NA	NA	NA	NA
9	2PPC	0.0323	13.7263	NA	NA	NA	NA
10	2PPC	0.0204	9.1040	NA	NA	NA	NA
11	2PPC	0.0562	23.0891	NA	NA	NA	NA
12	2PPC	0.0569	23.2567	NA	NA	NA	NA
13	2PPC	0.0623	25.7200	NA	NA	NA	NA
14	2PPC	0.0582	24.4906	NA	NA	NA	NA
15	2PPC	0.0612	25.3379	NA	NA	NA	NA
16	2PPC	0.0425	17.6943	NA	NA	NA	NA
17	2PPC	0.0518	20.9594	NA	NA	NA	NA
18	2PPC	0.0373	15.9894	NA	NA	NA	NA
19	2PPC	0.0450	19.4525	NA	NA	NA	NA
20	2PPC	0.0524	21.7496	NA	NA	NA	NA
21	2PPC	0.0444	18.3482	NA	NA	NA	NA
22	2PPC	0.0541	22.3301	NA	NA	NA	NA
23	2PPC	0.0290	12.6420	NA	NA	NA	NA
24	2PPC	0.0270	11.6334	NA	NA	NA	NA
25	2PPC	0.0503	20.9917	NA	NA	NA	NA
26	2PPC	0.0331	15.3043	NA	NA	NA	NA
27	2PPC	0.0491	20.2252	NA	NA	NA	NA
28	2PPC	0.0382	16.3378	NA	NA	NA	NA
29	2PPC	0.0400	16.4979	NA	NA	NA	NA
30	2PPC	0.0302	13.1106	NA	NA	NA	NA
31	2PPC	0.0346	15.4975	NA	NA	NA	NA
32	2PPC	0.0433	18.5892	NA	NA	NA	NA
33	2PPC	0.0502	21.4527	NA	NA	NA	NA
34	2PPC	0.0327	18.3247	NA	NA	NA	NA
35	2PPC	0.0340	17.1231	NA	NA	NA	NA
36	3PL	0.0364	486.0970	0.2446	NA	NA	NA
37	3PL	0.0149	536.8461	0.1467	NA	NA	NA
38	3PL	0.0440	468.0434	0.1856	NA	NA	NA
39	3PL	0.0575	487.4951	0.3023	NA	NA	NA
40	3PL	0.0443	469.2744	0.1963	NA	NA	NA
41	3PL	0.0224	492.7192	0.1403	NA	NA	NA
42	3PL	0.0490	467.6596	0.2153	NA	NA	NA
43	3PL	0.0273	499.1591	0.1887	NA	NA	NA
44	3PL	0.0398	489.7510	0.2392	NA	NA	NA
45	3PL	0.0142	595.7728	0.1826	NA	NA	NA
46	2PPC	0.0167	7.5834	7.0009	7.6250	9.7418	11.0032

*The operational item number is equivalent to the RWO sequence number in Appendix H: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.

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Listening/Speaking, Annual Data, Grade Span 2

Operational Item Number*	Model**	Parameters					
		A/Alpha	B/Gamma 1	C/Gamma 2	Gamma 3	Gamma 4	Gamma 5
1	2PPC	0.0176	7.3345	NA	NA	NA	NA
2	2PPC	0.0250	11.0495	NA	NA	NA	NA
3	2PPC	0.0350	16.9217	NA	NA	NA	NA
4	2PPC	0.0347	15.2579	NA	NA	NA	NA
5	2PPC	0.0360	15.4517	NA	NA	NA	NA
6	2PPC	0.0296	12.2767	NA	NA	NA	NA
7	2PPC	0.0382	16.2744	NA	NA	NA	NA
8	2PPC	0.0317	15.8652	NA	NA	NA	NA
9	2PPC	0.0389	17.9042	NA	NA	NA	NA
10	2PPC	0.0328	14.6751	NA	NA	NA	NA
11	2PPC	0.0324	13.5371	NA	NA	NA	NA
12	2PPC	0.0453	17.0372	NA	NA	NA	NA
13	2PPC	0.0365	13.5141	NA	NA	NA	NA
14	2PPC	0.0453	17.0953	NA	NA	NA	NA
15	2PPC	0.0341	12.9179	NA	NA	NA	NA
16	2PPC	0.0482	18.0081	NA	NA	NA	NA
17	2PPC	0.0272	11.1874	NA	NA	NA	NA
18	2PPC	0.0239	9.5318	NA	NA	NA	NA
19	2PPC	0.0402	15.8939	NA	NA	NA	NA
20	2PPC	0.0385	14.8028	NA	NA	NA	NA
21	2PPC	0.0346	13.6527	NA	NA	NA	NA
22	2PPC	0.0341	13.4767	NA	NA	NA	NA
23	2PPC	0.0405	15.6101	NA	NA	NA	NA
24	2PPC	0.0420	16.9493	NA	NA	NA	NA
25	2PPC	0.0390	14.8644	NA	NA	NA	NA
26	2PPC	0.0368	16.1505	NA	NA	NA	NA
27	2PPC	0.0245	8.5204	NA	NA	NA	NA
28	2PPC	0.0341	14.1241	NA	NA	NA	NA
29	2PPC	0.0257	12.9296	NA	NA	NA	NA
30	2PPC	0.0349	15.0606	NA	NA	NA	NA
31	2PPC	0.0354	15.5610	NA	NA	NA	NA
32	2PPC	0.0363	13.7080	NA	NA	NA	NA
33	2PPC	0.0185	10.4153	NA	NA	NA	NA
34	2PPC	0.0282	13.6918	NA	NA	NA	NA
35	2PPC	0.0206	10.5358	NA	NA	NA	NA
36	3PL	0.0174	409.1995	0.0979	NA	NA	NA
37	3PL	0.0154	416.5793	0.0979	NA	NA	NA
38	3PL	0.0175	428.5776	0.0656	NA	NA	NA
39	3PL	0.0154	434.0017	0.0473	NA	NA	NA
40	3PL	0.0193	387.9103	0.0979	NA	NA	NA
41	3PL	0.0164	404.1511	0.0979	NA	NA	NA
42	3PL	0.0128	405.6240	0.4500	NA	NA	NA
43	3PL	0.0196	407.2652	0.0979	NA	NA	NA
44	3PL	0.0146	417.9501	0.0979	NA	NA	NA
45	3PL	0.0162	404.6350	0.4500	NA	NA	NA
46	2PPC	0.0118	5.9939	3.7833	4.4203	6.6981	8.0341

*The operational item number is equivalent to the RWO sequence number in Appendix H: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.

**The 2PPC model, typically used for constructed response items, uses the alpha and gamma parameters. The 3PL model, typically used for multiple choice items, uses the A, B, and C parameters, also known as the difficulty, discrimination, and guessing parameters, respectively.

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Listening/Speaking, Annual Data, Grade Span 3

Operational Item Number*	Model**	Parameters					
		A/Alpha	B/Gamma 1	C/Gamma 2	Gamma 3	Gamma 4	Gamma 5
1	2PPC	0.0210	8.6574	NA	NA	NA	NA
2	2PPC	0.0288	12.3826	NA	NA	NA	NA
3	2PPC	0.0274	12.2100	NA	NA	NA	NA
4	2PPC	0.0235	9.9224	NA	NA	NA	NA
5	2PPC	0.0423	18.3898	NA	NA	NA	NA
6	2PPC	0.0410	20.1662	NA	NA	NA	NA
7	2PPC	0.0223	9.8511	NA	NA	NA	NA
8	2PPC	0.0383	17.7118	NA	NA	NA	NA
9	2PPC	0.0290	13.7076	NA	NA	NA	NA
10	2PPC	0.0468	20.5095	NA	NA	NA	NA
11	2PPC	2.4509	-7.2647	NA	NA	NA	NA
12	2PPC	0.0365	14.0998	NA	NA	NA	NA
13	2PPC	0.0514	20.4256	NA	NA	NA	NA
14	2PPC	0.0502	19.7055	NA	NA	NA	NA
15	2PPC	0.0326	13.1888	NA	NA	NA	NA
16	2PPC	0.0319	13.1987	NA	NA	NA	NA
17	2PPC	0.0367	16.2333	NA	NA	NA	NA
18	2PPC	0.0454	17.9989	NA	NA	NA	NA
19	2PPC	0.0463	18.5702	NA	NA	NA	NA
20	2PPC	0.0266	10.9652	NA	NA	NA	NA
21	2PPC	0.0355	13.9914	NA	NA	NA	NA
22	2PPC	0.0304	12.3268	NA	NA	NA	NA
23	2PPC	0.0327	13.9857	NA	NA	NA	NA
24	2PPC	0.0512	20.3038	NA	NA	NA	NA
25	2PPC	0.0467	18.7047	NA	NA	NA	NA
26	2PPC	0.0383	17.5382	NA	NA	NA	NA
27	2PPC	0.0354	16.5176	NA	NA	NA	NA
28	2PPC	0.0385	19.7657	NA	NA	NA	NA
29	2PPC	0.0355	18.0064	NA	NA	NA	NA
30	2PPC	0.0469	22.7733	NA	NA	NA	NA
31	2PPC	0.0403	19.8011	NA	NA	NA	NA
32	2PPC	0.0445	21.8251	NA	NA	NA	NA
33	2PPC	0.0361	17.7563	NA	NA	NA	NA
34	2PPC	0.0421	23.2270	NA	NA	NA	NA
35	2PPC	0.0326	17.7877	NA	NA	NA	NA
36	3PL	0.0172	408.2862	0.0450	NA	NA	NA
37	3PL	0.0171	409.6361	0.4500	NA	NA	NA
38	3PL	0.0236	416.4272	0.0450	NA	NA	NA
39	3PL	0.0187	404.9430	0.0450	NA	NA	NA
40	3PL	0.0184	407.4729	0.0450	NA	NA	NA
41	3PL	0.0158	419.2878	0.0450	NA	NA	NA
42	3PL	0.0189	402.1404	0.0450	NA	NA	NA
43	3PL	0.0169	409.9965	0.0450	NA	NA	NA
44	3PL	0.0245	398.6738	0.0450	NA	NA	NA
45	3PL	0.0231	401.0997	0.0450	NA	NA	NA
46	2PPC	0.0171	8.4776	6.6274	7.2466	9.3169	10.8650

*The operational item number is equivalent to the RWO sequence number in Appendix H: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.

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Listening/Speaking, Annual Data, Grade Span 4

Operational Item Number*	Model**	Parameters					
		A/Alpha	B/Gamma 1	C/Gamma 2	Gamma 3	Gamma 4	Gamma 5
1	2PPC	0.0612	28.4013	NA	NA	NA	NA
2	2PPC	0.0775	36.4850	NA	NA	NA	NA
3	2PPC	0.0571	26.1957	NA	NA	NA	NA
4	2PPC	0.0494	23.9976	NA	NA	NA	NA
5	2PPC	0.0581	27.7298	NA	NA	NA	NA
6	2PPC	0.0523	26.1832	NA	NA	NA	NA
7	2PPC	0.0381	19.2779	NA	NA	NA	NA
8	2PPC	0.0346	18.6925	NA	NA	NA	NA
9	2PPC	0.0489	24.0708	NA	NA	NA	NA
10	2PPC	0.0455	22.8993	NA	NA	NA	NA
11	2PPC	2.8017	-6.2025	NA	NA	NA	NA
12	2PPC	0.0506	21.5237	NA	NA	NA	NA
13	2PPC	0.0375	15.5038	NA	NA	NA	NA
14	2PPC	0.0433	18.0239	NA	NA	NA	NA
15	2PPC	0.0636	26.0862	NA	NA	NA	NA
16	2PPC	0.0415	17.6824	NA	NA	NA	NA
17	2PPC	0.0576	24.0876	NA	NA	NA	NA
18	2PPC	0.0646	27.0891	NA	NA	NA	NA
19	2PPC	0.0605	25.0679	NA	NA	NA	NA
20	2PPC	0.0459	18.8612	NA	NA	NA	NA
21	2PPC	0.0367	15.4294	NA	NA	NA	NA
22	2PPC	0.0637	26.3762	NA	NA	NA	NA
23	2PPC	0.0373	16.3498	NA	NA	NA	NA
24	2PPC	0.0640	26.0866	NA	NA	NA	NA
25	2PPC	0.0400	16.4420	NA	NA	NA	NA
26	2PPC	0.0577	26.1603	NA	NA	NA	NA
27	2PPC	0.0466	19.5914	NA	NA	NA	NA
28	2PPC	0.0478	21.5591	NA	NA	NA	NA
29	2PPC	0.0305	14.4369	NA	NA	NA	NA
30	2PPC	0.0361	17.3054	NA	NA	NA	NA
31	2PPC	0.0457	22.6100	NA	NA	NA	NA
32	2PPC	0.0562	27.2696	NA	NA	NA	NA
33	2PPC	0.0226	12.1870	NA	NA	NA	NA
34	2PPC	0.0482	23.3988	NA	NA	NA	NA
35	2PPC	0.0216	14.2022	NA	NA	NA	NA
36	3PL	0.0231	425.2725	0.4500	NA	NA	NA
37	3PL	0.0142	406.5014	0.4500	NA	NA	NA
38	3PL	0.0180	416.9517	0.4500	NA	NA	NA
39	3PL	0.0198	484.2994	0.2700	NA	NA	NA
40	3PL	0.0104	399.9815	0.4500	NA	NA	NA
41	3PL	0.0224	432.1784	0.2700	NA	NA	NA
42	3PL	0.0145	411.3307	0.4500	NA	NA	NA
43	3PL	0.0163	497.6152	0.4500	NA	NA	NA
44	3PL	0.0234	415.7301	0.2700	NA	NA	NA
45	3PL	0.0256	448.8528	0.2700	NA	NA	NA
46	2PPC	0.0156	7.8728	5.9194	6.6491	8.4064	9.8258

*The operational item number is equivalent to the RWO sequence number in Appendix H: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.

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Reading, Annual Data, Grade Span 1

Operational Item Number*	Model**	Parameters		
		A/Alpha	B/Gamma 1	C/Gamma 2
1	3PL	0.0224	386.3742	0.2139
2	3PL	0.0314	453.3645	0.1095
3	3PL	0.0253	379.1252	0.1903
4	3PL	0.0222	438.3415	0.1163
5	3PL	0.0342	401.7799	0.2100
6	3PL	0.0341	481.5455	0.3078
7	3PL	0.0418	480.1298	0.2906
8	3PL	0.0171	491.1702	0.3185
9	3PL	0.0386	538.6979	0.1615
10	3PL	0.0426	445.4627	0.3510
11	3PL	0.0240	468.3624	0.2099
12	3PL	0.0325	422.9462	0.3293
13	3PL	0.0292	458.1954	0.2974
14	3PL	0.0304	446.9661	0.2755
15	3PL	0.0312	446.8945	0.3417
16	3PL	0.0258	459.0894	0.4011
17	3PL	0.0426	453.2289	0.2653
18	3PL	0.0412	495.6166	0.3014
19	3PL	0.0455	453.4481	0.2920
20	3PL	0.0266	368.8122	0.1266
21	3PL	0.0227	445.7025	0.3243
22	3PL	0.0318	433.0720	0.2164
23	3PL	0.0220	470.0614	0.1628
24	3PL	0.0338	506.8907	0.2075
25	3PL	0.0230	465.2507	0.2434
26	3PL	0.0325	443.8456	0.3126
27	3PL	0.0184	474.8038	0.1624
28	3PL	0.0242	479.3114	0.1733
29	3PL	0.0275	485.2702	0.2281
30	3PL	0.0209	526.7776	0.2740
31	3PL	0.0244	492.1478	0.3321
32	3PL	0.0425	449.9188	0.2680
33	3PL	0.0373	458.1067	0.2437
34	3PL	0.0522	472.3358	0.3394
35	3PL	0.0314	471.2413	0.2223

*The operational item number is equivalent to the RWO sequence number in Appendix H: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.
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Reading, Annual Data, Grade Span 2

Operational Item Number*	Model**	Parameters		
		A/Alpha	B/Gamma 1	C/Gamma 2
1	3PL	0.0152	418.0376	0.2000
2	3PL	0.0145	469.7112	0.2000
3	3PL	0.0178	459.9696	0.1178
4	3PL	0.0182	524.4915	0.1837
5	3PL	0.0257	521.2343	0.1696
6	3PL	0.0215	496.5617	0.1507
7	3PL	0.0183	453.5653	0.1434
8	3PL	0.0227	493.7361	0.2257
9	3PL	0.0163	436.8936	0.1315
10	3PL	0.0235	508.4651	0.2653
11	3PL	0.0202	473.1315	0.1579
12	3PL	0.0129	453.9851	0.2000
13	3PL	0.0213	427.5618	0.2000
14	3PL	0.0370	412.3019	0.1051
15	3PL	0.0286	486.9252	0.2664
16	3PL	0.0245	443.5674	0.1095
17	3PL	0.0163	447.9246	0.1596
18	3PL	0.0255	409.8685	0.1596
19	3PL	0.0284	441.8943	0.2068
20	3PL	0.0202	506.4043	0.2232
21	3PL	0.0320	479.0500	0.2221
22	3PL	0.0196	443.7661	0.1493
23	3PL	0.0291	473.6905	0.2489
24	3PL	0.0159	504.7154	0.0945
25	3PL	0.0282	467.9299	0.3047
26	3PL	0.0165	461.3331	0.1128
27	3PL	0.0189	470.0044	0.1610
28	3PL	0.0163	526.1021	0.1807
29	3PL	0.0358	485.7682	0.2500
30	3PL	0.0367	483.3282	0.2301
31	3PL	0.0146	474.2614	0.1618
32	3PL	0.0200	481.2217	0.2566
33	3PL	0.0462	489.1861	0.3544
34	3PL	0.0212	475.0527	0.1120
35	3PL	0.0284	478.8228	0.2235

*The operational item number is equivalent to the RWO sequence number in Appendix H: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.
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Reading, Annual Data, Grade Span 3

Operational Item Number*	Model**	Parameters		
		A/Alpha	B/Gamma 1	C/Gamma 2
1	3PL	0.0174	461.6896	0.2000
2	3PL	0.0144	578.8148	0.3225
3	3PL	0.0124	550.5610	0.3311
4	3PL	0.0169	523.0818	0.1581
5	3PL	0.0154	507.1325	0.2000
6	3PL	0.0226	520.4620	0.1460
7	3PL	0.0442	457.4317	0.1613
8	3PL	0.0267	477.6881	0.1740
9	3PL	0.0327	493.0953	0.1854
10	3PL	0.0267	491.6476	0.2487
11	3PL	0.0252	548.4286	0.2551
12	3PL	0.0160	478.6808	0.2000
13	3PL	0.0275	522.8807	0.2598
14	3PL	0.0169	594.6273	0.1888
15	3PL	0.0340	536.6905	0.1535
16	3PL	0.0276	520.1038	0.2899
17	3PL	0.0418	534.8875	0.2601
18	3PL	0.0263	545.0239	0.1857
19	3PL	0.0214	552.2309	0.1875
20	3PL	0.0227	533.3750	0.2028
21	3PL	0.0131	549.1837	0.1675
22	3PL	0.0099	537.7239	0.2000
23	3PL	0.0218	525.2872	0.1962
24	3PL	0.0124	510.1528	0.2000
25	3PL	0.0164	537.0770	0.2039
26	3PL	0.0236	487.6834	0.1655
27	3PL	0.0228	457.2729	0.2000
28	3PL	0.0230	551.2291	0.2062
29	3PL	0.0212	503.3790	0.2000
30	3PL	0.0159	482.7148	0.2000
31	3PL	0.0210	513.6600	0.2101
32	3PL	0.0201	556.0480	0.2779
33	3PL	0.0182	579.0662	0.2306
34	3PL	0.0271	548.4199	0.2931
35	3PL	0.0273	542.3611	0.2332

*The operational item number is equivalent to the RWO sequence number in Appendix H: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.
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Reading, Annual Data, Grade Span 4

Operational Item Number*	Model**	Parameters		
		A/Alpha	B/Gamma 1	C/Gamma 2
1	3PL	0.0093	466.5449	0.2000
2	3PL	0.0115	498.5687	0.2000
3	3PL	0.0109	504.1243	0.2000
4	3PL	0.0087	518.2226	0.2000
5	3PL	0.0282	546.4133	0.3086
6	3PL	0.0190	578.3358	0.1610
7	3PL	0.0311	525.9216	0.1604
8	3PL	0.0252	486.2092	0.2000
9	3PL	0.0500	545.8925	0.3321
10	3PL	0.0432	542.2033	0.1742
11	3PL	0.0690	537.0485	0.2000
12	3PL	0.0125	513.1393	0.2000
13	3PL	0.0218	518.2679	0.2000
14	3PL	0.0249	513.0557	0.2000
15	3PL	0.0237	501.2728	0.2000
16	3PL	0.0240	469.2272	0.2000
17	3PL	0.0184	495.0142	0.2000
18	3PL	0.0254	545.2102	0.2086
19	3PL	0.0263	537.0582	0.1580
20	3PL	0.0174	500.7066	0.2000
21	3PL	0.0201	491.3653	0.2000
22	3PL	0.0161	545.2240	0.2000
23	3PL	0.0290	485.3467	0.2000
24	3PL	0.0122	480.5551	0.2000
25	3PL	0.0252	508.2292	0.2000
26	3PL	0.0229	525.9512	0.1651
27	3PL	0.0306	540.6050	0.1296
28	3PL	0.0178	548.9484	0.2000
29	3PL	0.0275	554.9581	0.1241
30	3PL	0.0272	512.8231	0.2000
31	3PL	0.0207	514.8413	0.2000
32	3PL	0.0231	522.7432	0.2000
33	3PL	0.0177	523.6144	0.2000
34	3PL	0.0236	524.0149	0.2000
35	3PL	0.0339	529.8799	0.2060

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Writing, Annual Data, Grade Span 1

Operational Item Number*	Model**	Parameters					
		A/Alpha	B/Gamma 1	C/Gamma 2	Gamma 3	Gamma 4	Gamma 5
1	3PL	0.0461	479.5008	0.4825	NA	NA	NA
2	3PL	0.0121	471.9988	0.3009	NA	NA	NA
3	3PL	0.0260	464.4054	0.4274	NA	NA	NA
4	3PL	0.0412	475.2093	0.3762	NA	NA	NA
5	3PL	0.0381	481.2004	0.3426	NA	NA	NA
6	3PL	0.0349	448.7999	0.4384	NA	NA	NA
7	3PL	0.0116	468.0621	0.2087	NA	NA	NA
8	3PL	0.0426	525.8713	0.2379	NA	NA	NA
9	3PL	0.0342	503.3644	0.2301	NA	NA	NA
10	3PL	0.0211	490.0072	0.3329	NA	NA	NA
11	3PL	0.0322	541.4078	0.2163	NA	NA	NA
12	3PL	0.0355	470.0781	0.3286	NA	NA	NA
13	3PL	0.0295	483.6409	0.3306	NA	NA	NA
14	3PL	0.0253	479.3269	0.4308	NA	NA	NA
15	3PL	0.0301	530.3111	0.2386	NA	NA	NA
16	3PL	0.0374	545.7625	0.1975	NA	NA	NA
17	3PL	0.0227	531.1608	0.3263	NA	NA	NA
18	3PL	0.0195	530.9984	0.3514	NA	NA	NA
19	2PPC	0.0445	17.6547	19.5694	24.5176	NA	NA
20	2PPC	0.0556	21.5765	24.7618	30.8976	NA	NA
21	2PPC	0.0454	17.1673	19.7321	24.3990	NA	NA
22	2PPC	0.0529	20.7627	24.2655	30.4785	NA	NA
23	2PPC	0.0483	18.3302	21.0089	22.9004	27.0483	29.3507

*The operational item number is equivalent to the RWO sequence number in Appendix H: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.

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Writing, Annual Data, Grade Span 2

Operational Item Number*	Model**	Parameters					
		A/Alpha	B/Gamma 1	C/Gamma 2	Gamma 3	Gamma 4	Gamma 5
1	3PL	0.0138	425.6582	0.2413	NA	NA	NA
2	3PL	0.0317	554.9400	0.2424	NA	NA	NA
3	3PL	0.0244	460.4011	0.3024	NA	NA	NA
4	3PL	0.0279	456.7491	0.2780	NA	NA	NA
5	3PL	0.0278	441.2643	0.3209	NA	NA	NA
6	3PL	0.0289	521.0762	0.2643	NA	NA	NA
7	3PL	0.0402	518.6471	0.2585	NA	NA	NA
8	3PL	0.0202	446.6344	0.2841	NA	NA	NA
9	3PL	0.0294	452.1147	0.2561	NA	NA	NA
10	3PL	0.0131	472.3530	0.1582	NA	NA	NA
11	3PL	0.0197	492.3690	0.2350	NA	NA	NA
12	3PL	0.0254	506.2854	0.2509	NA	NA	NA
13	3PL	0.0329	460.9666	0.2767	NA	NA	NA
14	3PL	0.0288	441.2524	0.2711	NA	NA	NA
15	3PL	0.0207	461.2683	0.2216	NA	NA	NA
16	3PL	0.0284	455.6685	0.2672	NA	NA	NA
17	3PL	0.0147	448.8676	0.1860	NA	NA	NA
18	3PL	0.0225	447.2772	0.3661	NA	NA	NA
19	2PPC	0.0301	10.5716	11.9469	16.2038	NA	NA
20	2PPC	0.0355	12.8326	14.3690	19.0549	NA	NA
21	2PPC	0.0365	13.2432	15.3649	20.1621	NA	NA
22	2PPC	0.0360	13.3954	15.0157	19.7840	NA	NA
23	2PPC	0.0280	11.1790	11.1958	12.9208	17.2084	19.0940

*The operational item number is equivalent to the RWO sequence number in Appendix H: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.

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Writing, Annual Data, Grade Span 3

Operational Item Number*	Model**	Parameters					
		A/Alpha	B/Gamma 1	C/Gamma 2	Gamma 3	Gamma 4	Gamma 5
1	3PL	0.0142	527.8312	0.3804	NA	NA	NA
2	3PL	0.0167	495.2716	0.2164	NA	NA	NA
3	3PL	0.0207	429.8234	0.2833	NA	NA	NA
4	3PL	0.0325	471.6971	0.1864	NA	NA	NA
5	3PL	0.0273	461.7928	0.1854	NA	NA	NA
6	3PL	0.0195	482.3202	0.2216	NA	NA	NA
7	3PL	0.0156	455.3460	0.2861	NA	NA	NA
8	3PL	0.0386	458.9478	0.3742	NA	NA	NA
9	3PL	0.0156	540.8126	0.4012	NA	NA	NA
10	3PL	0.0350	455.4413	0.3260	NA	NA	NA
11	3PL	0.0184	592.3953	0.2150	NA	NA	NA
12	3PL	0.0256	465.6445	0.3626	NA	NA	NA
13	3PL	0.0119	507.4965	0.2351	NA	NA	NA
14	3PL	0.0325	468.7438	0.1740	NA	NA	NA
15	3PL	0.0244	487.8975	0.1150	NA	NA	NA
16	3PL	0.0207	496.2184	0.2850	NA	NA	NA
17	3PL	0.0391	473.0595	0.3282	NA	NA	NA
18	3PL	0.0282	456.5766	0.4247	NA	NA	NA
19	2PPC	0.0343	12.9985	14.7250	19.6283	NA	NA
20	2PPC	0.0338	12.6140	14.2084	18.5595	NA	NA
21	2PPC	0.0333	12.7682	13.9702	18.8447	NA	NA
22	2PPC	0.0316	12.0851	13.1776	17.4676	NA	NA
23	2PPC	0.2000	-0.5261	-3.7355	-2.1160	2.6622	3.6413

*The operational item number is equivalent to the RWO sequence number in Appendix H: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.

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Writing, Annual Data, Grade Span 4

Operational Item Number*	Model**	Parameters					
		A/Alpha	B/Gamma 1	C/Gamma 2	Gamma 3	Gamma 4	Gamma 5
1	3PL	0.0291	473.0173	0.4685	NA	NA	NA
2	3PL	0.0137	477.9358	0.2833	NA	NA	NA
3	3PL	0.0306	501.2611	0.2188	NA	NA	NA
4	3PL	0.0240	566.6955	0.2673	NA	NA	NA
5	3PL	0.0277	497.7520	0.3106	NA	NA	NA
6	3PL	0.0214	480.1122	0.2165	NA	NA	NA
7	3PL	0.0323	471.5404	0.2438	NA	NA	NA
8	3PL	0.0244	426.9443	0.2833	NA	NA	NA
9	3PL	0.0205	441.2885	0.2833	NA	NA	NA
10	3PL	0.0268	504.0187	0.2950	NA	NA	NA
11	3PL	0.0206	456.6873	0.2833	NA	NA	NA
12	3PL	0.0121	457.5929	0.2644	NA	NA	NA
13	3PL	0.0123	467.1826	0.2833	NA	NA	NA
14	3PL	0.0384	487.4164	0.3141	NA	NA	NA
15	3PL	0.0169	408.7939	0.2833	NA	NA	NA
16	3PL	0.0306	496.1243	0.2535	NA	NA	NA
17	3PL	0.0403	500.6484	0.2788	NA	NA	NA
18	3PL	0.0388	501.0286	0.2502	NA	NA	NA
19	2PPC	0.0300	11.7475	12.4809	16.8359	NA	NA
20	2PPC	0.0342	13.1615	14.1848	19.3364	NA	NA
21	2PPC	0.0355	14.2194	15.2300	20.5025	NA	NA
22	2PPC	0.0344	13.7274	14.3456	20.0550	NA	NA
23	2PPC	0.0329	15.0662	13.3392	15.1518	19.3561	21.7126

*The operational item number is equivalent to the RWO sequence number in Appendix H: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.
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Appendix E Reading Stop Study Item Parameter Differences

Reading, Form B5 Item Parameters
Annual Data, Grade Span 2

		Parameters		
Operational Item Number*	Model**	A	B	C
1	3PL	0.01376	415.1292	0.2000
2	3PL	0.01312	468.1867	0.2000
3	3PL	0.01532	459.1259	0.0956
4	3PL	0.01659	525.1378	0.1898
5	3PL	0.02267	519.8321	0.1364
6	3PL	0.01658	492.1145	0.0875
7	3PL	0.01930	451.8317	0.1211
8	3PL	0.02393	494.9304	0.2353
9	3PL	0.01626	438.5481	0.1502
10	3PL	0.02062	503.8605	0.2168
11	3PL	0.01847	469.7820	0.1157
12	3PL	0.01289	453.6472	0.1349
13	3PL	0.01931	417.8413	0.1150
14	3PL	0.02658	404.7672	0.0990
15	3PL	0.02025	478.1425	0.2465
16	3PL	0.02158	442.8281	0.1026
17	3PL	0.01689	443.9283	0.0892
18	3PL	0.02264	401.3548	0.1349
19	3PL	0.02774	446.7822	0.2349
20	3PL	0.01825	511.0058	0.2795
21	3PL	0.02577	469.1709	0.2039
22	3PL	0.02168	446.7658	0.1813
23	3PL	0.02449	466.5024	0.1853
24	3PL	0.01493	507.9799	0.1439
25	3PL	0.02595	461.0418	0.1843
26	3PL	0.01620	461.2344	0.1027
27	3PL	0.01725	463.6622	0.0706
28	3PL	0.01832	530.2059	0.2069
29	3PL	0.04009	483.6685	0.1778
30	3PL	0.03526	489.3682	0.2412
31	3PL	0.01426	470.8767	0.0767
32	3PL	0.02119	474.4294	0.1771
33	3PL	0.04017	482.9059	0.2185
34	3PL	0.02176	473.6538	0.1311
35	3PL	0.02762	480.9118	0.2567

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Reading, Form B6 Item Parameters
Annual Data, Grade Span 2

Operational Item Number*	Model**	Parameters A	B	C
1	3PL	0.01524	418.0376	0.2000
2	3PL	0.01447	469.7112	0.2000
3	3PL	0.01782	459.9696	0.1178
4	3PL	0.01824	524.4915	0.1837
5	3PL	0.02573	521.2343	0.1696
6	3PL	0.02150	496.5617	0.1507
7	3PL	0.01828	453.5653	0.1434
8	3PL	0.02273	493.7361	0.2257
9	3PL	0.01630	436.8936	0.1315
10	3PL	0.02345	508.4651	0.2653
11	3PL	0.02020	473.1315	0.1579
12	3PL	0.01294	453.9851	0.2000
13	3PL	0.02127	427.5618	0.2000
14	3PL	0.03696	412.3019	0.1051
15	3PL	0.02857	486.9252	0.2664
16	3PL	0.02447	443.5674	0.1095
17	3PL	0.01625	447.9246	0.1596
18	3PL	0.02553	409.8685	0.1596
19	3PL	0.02837	441.8943	0.2068
20	3PL	0.02023	506.4043	0.2232
21	3PL	0.03203	479.0500	0.2221
22	3PL	0.01959	443.7661	0.1493
23	3PL	0.02912	473.6905	0.2489
24	3PL	0.01587	504.7154	0.0945
25	3PL	0.02816	467.9299	0.3047
26	3PL	0.01653	461.3331	0.1128
27	3PL	0.01894	470.0044	0.1610
28	3PL	0.01627	526.1021	0.1807
29	3PL	0.03583	485.7682	0.2500
30	3PL	0.03673	483.3282	0.2301
31	3PL	0.01461	474.2614	0.1618
32	3PL	0.02002	481.2217	0.2566
33	3PL	0.04615	489.1861	0.3544
34	3PL	0.02119	475.0527	0.1120
35	3PL	0.02836	478.8228	0.2235

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Reading Stop Study Item Parameter Differences
Annual Data, Grade Span 2

B6 Operational Item Number*	B5 Operational Item Number*	Parameter Differences Form B6- Form B5		
		A**	B	C
1	1	0.0015	2.9084	0.0000
2	2	0.0014	1.5245	0.0000
3	3	0.0025	0.8437	0.0222
4	4	0.0017	-0.6463	-0.0061
5	5	0.0031	1.4022	0.0332
6	6	0.0049	4.4472	0.0632
7	7	-0.0010	1.7336	0.0223
8	8	-0.0012	-1.1943	-0.0096
9	9	0.0000	-1.6545	-0.0187
10	10	0.0028	4.6046	0.0485
11	11	0.0017	3.3495	0.0422
12	12	0.0000	0.3379	0.0651
13	13	0.0020	9.7205	0.0850
14	14	0.0104	7.5347	0.0061
15	15	0.0083	8.7827	0.0199
16	16	0.0029	0.7393	0.0069
17	17	-0.0006	3.9963	0.0704
18	18	0.0029	8.5137	0.0247
19	19	0.0006	-4.8879	-0.0281
20	20	0.0020	-4.6015	-0.0563
21	21	0.0063	9.8791	0.0182
22	22	-0.0021	-2.9997	-0.0320
23	23	0.0046	7.1881	0.0636
24	24	0.0009	-3.2645	-0.0494
25	25	0.0022	6.8881	0.1204
26	26	0.0003	0.0987	0.0101
27	27	0.0017	6.3422	0.0904
28	28	-0.0021	-4.1038	-0.0262
29	29	-0.0043	2.0997	0.0722
30	30	0.0015	-6.0400	-0.0111
31	31	0.0004	3.3847	0.0851
32	32	-0.0012	6.7923	0.0795
33	33	0.0060	6.2802	0.1359
34	34	-0.0006	1.3989	-0.0191
35	35	0.0007	-2.0890	-0.0332

*The operational item number is equivalent to the RWO sequence number in Appendix E: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.
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Reading, Form B5 Item Parameters
Annual Data, Grade Span 3

		Parameters		
Operational Item Numbers*	Model**	A	B	C
1	3PL	0.01565	455.9288	0.2000
2	3PL	0.01380	586.2980	0.2846
3	3PL	0.01347	544.4312	0.3211
4	3PL	0.02141	533.6005	0.1952
5	3PL	0.01248	518.8472	0.2000
6	3PL	0.02088	522.9239	0.1001
7	3PL	0.03434	550.5371	0.1999
8	3PL	0.02654	555.3583	0.2127
9	3PL	0.01947	520.2360	0.1391
10	3PL	0.01415	550.1564	0.1547
11	3PL	0.00803	537.0203	0.2000
12	3PL	0.02399	523.0338	0.2097
13	3PL	0.03614	532.1298	0.1898
14	3PL	0.04862	458.8684	0.1234
15	3PL	0.02496	481.3821	0.1974
16	3PL	0.03722	503.0519	0.2115
17	3PL	0.02622	488.8271	0.1396
18	3PL	0.01673	548.0521	0.2203
19	3PL	0.01306	445.7810	0.2000
20	3PL	0.01875	514.9033	0.3131
21	3PL	0.02518	580.3942	0.1862
22	3PL	0.02107	531.6593	0.1145
23	3PL	0.02962	517.1798	0.2439
24	3PL	0.01247	513.4724	0.2000
25	3PL	0.01928	537.8611	0.2118
26	3PL	0.02339	475.6985	0.1411
27	3PL	0.02512	449.1763	0.2000
28	3PL	0.02184	545.9850	0.1192
29	3PL	0.02000	498.7477	0.1285
30	3PL	0.01531	472.5387	0.1780
31	3PL	0.02385	503.3109	0.1026
32	3PL	0.01844	548.6514	0.2488
33	3PL	0.02177	574.9431	0.2324
34	3PL	0.03139	549.7256	0.3265
35	3PL	0.03352	538.0050	0.2394

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Reading, Form B6 Item Parameters
Annual Data, Grade Span 3

		Parameters		
Operational Item Numbers*	Model**	A	B	C
1	3PL	0.01737	461.6896	0.2000
2	3PL	0.01440	578.8148	0.3225
3	3PL	0.01237	550.5610	0.3311
4	3PL	0.01694	523.0818	0.1581
5	3PL	0.01541	507.1325	0.2000
6	3PL	0.02264	520.4620	0.1460
7	3PL	0.02632	545.0239	0.1857
8	3PL	0.02142	552.2309	0.1875
9	3PL	0.02267	533.3750	0.2028
10	3PL	0.01306	549.1837	0.1675
11	3PL	0.00991	537.7239	0.2000
12	3PL	0.02176	525.2872	0.1962
13	3PL	0.04182	534.8875	0.2601
14	3PL	0.04416	457.4317	0.1613
15	3PL	0.02674	477.6881	0.1740
16	3PL	0.03270	493.0953	0.1854
17	3PL	0.02668	491.6476	0.2487
18	3PL	0.02517	548.4286	0.2551
19	3PL	0.01604	478.6808	0.2000
20	3PL	0.02754	522.8807	0.2598
21	3PL	0.01690	594.6273	0.1888
22	3PL	0.03396	536.6905	0.1535
23	3PL	0.02760	520.1038	0.2899
24	3PL	0.01244	510.1528	0.2000
25	3PL	0.01643	537.0770	0.2039
26	3PL	0.02357	487.6834	0.1655
27	3PL	0.02282	457.2729	0.2000
28	3PL	0.02303	551.2291	0.2062
29	3PL	0.02122	503.3790	0.2000
30	3PL	0.01593	482.7148	0.2000
31	3PL	0.02101	513.6600	0.2101
32	3PL	0.02012	556.0480	0.2779
33	3PL	0.01823	579.0662	0.2306
34	3PL	0.02706	548.4199	0.2931
35	3PL	0.02725	542.3611	0.2332

*The operational item number is equivalent to the RWO sequence number in Appendix E: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.
**The 3PL model, typically used for multiple choice items, uses the A, B, and C parameters, also known as the difficulty, discrimination, and guessing parameters, respectively.

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Reading Stop Study Item Parameter Differences
Annual Data, Grade Span 3

B6 Operational Item Number*	B5 Operational Item Number*	Parameter Differences Form B6- Form B5		
		A**	B	C
1	1	0.0017	5.7608	0.0000
2	2	0.0006	-7.4832	0.0379
3	3	-0.0011	6.1298	0.0100
4	4	-0.0045	-10.5187	-0.0371
5	5	0.0029	-11.7147	0.0000
6	6	0.0018	-2.4619	0.0459
18	7	-0.0080	-5.5132	-0.0142
19	8	-0.0051	-3.1274	-0.0252
20	9	0.0032	13.1390	0.0637
21	10	-0.0011	-0.9727	0.0128
22	11	0.0019	0.7036	0.0000
23	12	-0.0022	2.2534	-0.0135
17	13	0.0057	2.7577	0.0703
7	14	-0.0045	-1.4367	0.0379
8	15	0.0018	-3.6940	-0.0234
9	16	-0.0045	-9.9566	-0.0261
10	17	0.0005	2.8205	0.1091
11	18	0.0084	0.3765	0.0348
12	19	0.0030	32.8998	0.0000
13	20	0.0088	7.9774	-0.0533
14	21	-0.0083	14.2331	0.0026
15	22	0.0129	5.0312	0.0390
16	23	-0.0020	2.9240	0.0460
24	24	0.0000	-3.3196	0.0000
25	25	-0.0029	-0.7841	-0.0079
26	26	0.0002	11.9849	0.0244
27	27	-0.0023	8.0966	0.0000
28	28	0.0012	5.2441	0.0870
29	29	0.0012	4.6313	0.0715
30	30	0.0006	10.1761	0.0220
31	31	-0.0028	10.3491	0.1075
32	32	0.0017	7.3966	0.0291
33	33	-0.0035	4.1231	-0.0018
34	34	-0.0043	-1.3057	-0.0334
35	35	-0.0063	4.3561	-0.0062

*The operational item number is equivalent to the RWO sequence number in Appendix E: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.
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Reading, Form B5 Item Parameters
Annual Data, Grade Span 4

		Parameters		
Operational Item Number*	Model**	A	B	C
1	3PL	0.01172	472.2691	0.2000
2	3PL	0.00987	492.8183	0.2000
3	3PL	0.01316	518.0991	0.2000
4	3PL	0.01116	518.3969	0.2000
5	3PL	0.03432	550.7449	0.2871
6	3PL	0.03547	582.0147	0.1783
7	3PL	0.02955	524.5920	0.1623
8	3PL	0.02371	489.0336	0.2000
9	3PL	0.01977	513.4626	0.2000
10	3PL	0.02793	542.5057	0.1589
11	3PL	0.04322	524.1661	0.1378
12	3PL	0.01322	508.4858	0.2000
13	3PL	0.02054	524.4264	0.2000
14	3PL	0.02274	507.4562	0.2000
15	3PL	0.01650	487.5722	0.2000
16	3PL	0.02046	466.9492	0.2000
17	3PL	0.01852	496.6896	0.2000
18	3PL	0.02299	542.1218	0.2000
19	3PL	0.03640	537.4731	0.1908
20	3PL	0.01863	506.8985	0.2000
21	3PL	0.02255	500.8391	0.2000
22	3PL	0.01782	554.7025	0.2000
23	3PL	0.02415	490.8507	0.2000
24	3PL	0.00804	439.5933	0.2000
25	3PL	0.02180	509.7444	0.2000
26	3PL	0.03011	528.6437	0.2078
27	3PL	0.03224	547.1888	0.1274
28	3PL	0.01548	538.0770	0.2000
29	3PL	0.02167	560.4849	0.1793
30	3PL	0.02846	506.6707	0.1819
31	3PL	0.02241	515.9324	0.2000
32	3PL	0.02456	517.4561	0.1716
33	3PL	0.02495	542.2150	0.1928
34	3PL	0.02699	526.4832	0.2000
35	3PL	0.03821	526.0810	0.1621

*The operational item number is equivalent to the RWO sequence number in Appendix E: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.
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Reading, Form B6 Item Parameters
Annual Data, Grade Span 4

		Parameters		
Operational Item Number*	Model**	A	B	C
1	3PL	0.00931	466.5449	0.2000
2	3PL	0.01145	498.5687	0.2000
3	3PL	0.01092	504.1243	0.2000
4	3PL	0.00865	518.2226	0.2000
5	3PL	0.02816	546.4133	0.3086
6	3PL	0.01902	578.3358	0.1610
7	3PL	0.03111	525.9216	0.1604
8	3PL	0.02521	486.2092	0.2000
9	3PL	0.05000	545.8925	0.3321
10	3PL	0.04320	542.2033	0.1742
11	3PL	0.06898	537.0485	0.2000
12	3PL	0.01245	513.1393	0.2000
13	3PL	0.02181	518.2679	0.2000
14	3PL	0.02491	513.0557	0.2000
15	3PL	0.02368	501.2728	0.2000
16	3PL	0.02403	469.2272	0.2000
17	3PL	0.01844	495.0142	0.2000
18	3PL	0.02542	545.2102	0.2086
19	3PL	0.02633	537.0582	0.1580
20	3PL	0.01740	500.7066	0.2000
21	3PL	0.02013	491.3653	0.2000
22	3PL	0.01606	545.2240	0.2000
23	3PL	0.02897	485.3467	0.2000
24	3PL	0.01224	480.5551	0.2000
25	3PL	0.02520	508.2292	0.2000
26	3PL	0.02294	525.9512	0.1651
27	3PL	0.03061	540.6050	0.1296
28	3PL	0.01776	548.9484	0.2000
29	3PL	0.02754	554.9581	0.1241
30	3PL	0.02722	512.8231	0.2000
31	3PL	0.02069	514.8413	0.2000
32	3PL	0.02313	522.7432	0.2000
33	3PL	0.01766	523.6144	0.2000
34	3PL	0.02355	524.0149	0.2000
35	3PL	0.03385	529.8799	0.2060

*The operational item number is equivalent to the RWO sequence number in Appendix E: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.
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Reading Stop Study Item Parameter Differences
Annual Data, Grade Span 4

B6 Operational Item Number*	B5 Operational Item Number*	Parameter Differences Form B6 - Form B5		
		A**	B	C
1	1	-0.0024	-5.7242	0.0000
2	2	0.0016	5.7504	0.0000
3	3	-0.0022	-13.9748	0.0000
4	4	-0.0025	-0.1743	0.0000
5	5	-0.0062	-4.3316	0.0215
6	6	-0.0165	-3.6789	-0.0173
7	7	0.0016	1.3296	-0.0019
8	8	0.0015	-2.8244	0.0000
9	9	0.0302	32.4299	0.1321
10	10	0.0153	-0.3024	0.0153
11	11	0.0258	12.8824	0.0622
12	12	-0.0008	4.6535	0.0000
13	13	0.0013	-6.1585	0.0000
14	14	0.0022	5.5995	0.0000
15	15	0.0072	13.7006	0.0000
16	16	0.0036	2.2780	0.0000
17	17	-0.0001	-1.6754	0.0000
18	18	0.0024	3.0884	0.0086
19	19	-0.0101	-0.4149	-0.0328
20	23	-0.0012	-6.1919	0.0000
21	24	-0.0024	-9.4738	0.0000
22	25	-0.0018	-9.4785	0.0000
23	26	0.0048	-5.5040	0.0000
24	20	0.0042	40.9618	0.0000
25	21	0.0034	-1.5152	0.0000
26	22	-0.0072	-2.6925	-0.0427
27	27	-0.0016	-6.5838	0.0022
28	28	0.0023	10.8714	0.0000
29	29	0.0059	-5.5268	-0.0552
30	30	-0.0012	6.1524	0.0181
31	31	-0.0017	-1.0911	0.0000
32	32	-0.0014	5.2871	0.0284
33	33	-0.0073	-18.6006	0.0072
34	34	-0.0034	-2.4683	0.0000
35	35	-0.0044	3.7989	0.0439

*The operational item number is equivalent to the RWO sequence number in Appendix E: Form B Item Map; please refer to the Form B Item Map to determine the corresponding book item number.
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Appendix F Form B Raw Score to Scale Score Tables

Listening/Speaking, Grade Span 1: Kindergarten

Raw Score	Scale Score	Standard Error	Prof. Level
0	220	163	Beginning
1	220	163	
2	220	163	
3	220	163	
4	283	99	
5	321	61	
6	340	43	
7	352	35	
8	361	30	
9	369	27	
10	375	24	
11	380	22	
12	385	21	
13	389	20	
14	393	19	
15	397	18	
16	400	17	
17	403	17	
18	406	16	
19	409	16	
20	412	16	Early Intermediate
21	414	15	
22	417	15	
23	419	15	
24	422	15	
25	424	15	
26	427	15	
27	429	15	
28	432	15	
29	434	16	
30	436	16	
31	439	16	
32	441	16	
33	444	16	
34	446	17	
35	449	17	

Raw Score	Scale Score	Standard Error	Prof. Level
36	452	18	Early Inter.
37	455	18	
38	458	19	Intermediate
39	461	19	
40	464	20	
41	467	20	
42	470	21	
43	474	21	
44	477	22	
45	481	22	
46	485	22	
47	489	22	
48	493	22	
49	497	21	
50	502	21	
51	506	21	Early Advanced
52	510	22	
53	515	23	
54	520	25	
55	526	27	
56	533	30	
57	540	33	
58	548	36	
59	557	39	Advanced
60	567	42	
61	578	46	
62	590	51	
63	604	56	
64	619	62	
65	637	68	
66	656	75	
67	680	85	
68	710	100	
69	710	100	
70	710	100	

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Listening/Speaking, Grade Span 1: Grade 1

Raw Score	Scale Score	Standard Error	Prof. Level
0	220	163	Beginning
1	220	163	
2	220	163	
3	220	163	
4	283	99	
5	321	61	
6	340	43	
7	352	35	
8	361	30	
9	369	27	
10	375	24	
11	380	22	
12	385	21	
13	389	20	
14	393	19	
15	397	18	
16	400	17	
17	403	17	
18	406	16	
19	409	16	
20	412	16	
21	414	15	
22	417	15	
23	419	15	
24	422	15	
25	424	15	Early Intermediate
26	427	15	
27	429	15	
28	432	15	
29	434	16	
30	436	16	
31	439	16	
32	441	16	
33	444	16	
34	446	17	
35	449	17	
36	452	18	Early Intermediate
37	455	18	
38	458	19	
39	461	19	
40	464	20	
41	467	20	
42	470	21	
43	474	21	Intermediate
44	477	22	
45	481	22	
46	485	22	
47	489	22	
48	493	22	
49	497	21	
50	502	21	
51	506	21	
52	510	22	
53	515	23	
54	520	25	Early Advanced
55	526	27	
56	533	30	
57	540	33	
58	548	36	
59	557	39	
60	567	42	Advanced
61	578	46	
62	590	51	
63	604	56	
64	619	62	
65	637	68	
66	656	75	
67	680	85	
68	710	100	
69	710	100	
70	710	100	

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Listening/Speaking, Grade Span 1: Grade 2

Raw Score	Scale Score	Standard Error	Prof. Level
0	220	163	Beginning
1	220	163	
2	220	163	
3	220	163	
4	283	99	
5	321	61	
6	340	43	
7	352	35	
8	361	30	
9	369	27	
10	375	24	
11	380	22	
12	385	21	
13	389	20	
14	393	19	
15	397	18	
16	400	17	
17	403	17	
18	406	16	
19	409	16	
20	412	16	
21	414	15	
22	417	15	
23	419	15	
24	422	15	
25	424	15	
26	427	15	
27	429	15	
28	432	15	
29	434	16	
30	436	16	
31	439	16	
32	441	16	
33	444	16	
34	446	17	
35	449	17	
36	452	18	Beginning
37	455	18	Early Intermediate
38	458	19	
39	461	19	
40	464	20	
41	467	20	
42	470	21	
43	474	21	
44	477	22	
45	481	22	
46	485	22	
47	489	22	
48	493	22	
49	497	21	Intermediate
50	502	21	
51	506	21	
52	510	22	
53	515	23	
54	520	25	
55	526	27	
56	533	30	
57	540	33	Early Advanced
58	548	36	
59	557	39	
60	567	42	
61	578	46	Advanced
62	590	51	
63	604	56	
64	619	62	
65	637	68	
66	656	75	
67	680	85	
68	710	100	
69	710	100	
70	710	100	

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Reading, Grade Span 1: Grade 2

Raw Score	Scale Score	Standard Error	Prof. Level
0	340	85	Beginning
1	340	85	
2	340	85	
3	340	85	
4	340	85	
5	340	85	
6	340	85	
7	340	85	
8	340	85	
9	340	85	
10	365	60	
11	384	41	
12	397	32	
13	408	26	
14	417	21	
15	425	18	
16	431	16	
17	437	14	
18	442	13	Early Intermediate
19	446	12	
20	451	12	
21	455	11	
22	459	11	
23	464	11	
24	468	11	
25	473	11	
26	477	11	Intermediate
27	482	12	
28	488	12	
29	494	13	
30	501	14	
31	509	15	
32	519	16	Early Advanced
33	531	19	
34	551	25	Advanced
35	630	104	

Writing, Grade Span 1: Grade 2

Raw Score	Scale Score	Standard Error	Prof. Level
0	280	126	Beginning
1	280	126	
2	280	126	
3	280	126	
4	280	126	
5	280	126	
6	356	50	
7	375	32	
8	387	25	
9	397	22	
10	406	20	
11	414	20	
12	422	19	
13	430	18	Early Intermediate
14	437	17	
15	444	16	
16	451	16	
17	458	15	
18	464	15	Early Int.
19	471	15	Intermediate
20	478	15	
21	485	15	
22	492	15	
23	500	15	
24	508	15	
25	516	15	Early Advanced
26	524	15	
27	532	14	
28	540	14	
29	549	14	
30	557	14	
31	566	15	Advanced
32	577	17	
33	591	20	
34	613	27	
35	640	44	

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Listening/Speaking, Grade Span 2: Grades 3-5

Raw Score	Scale Score	Standard Error	Prof. Level
0	220	134	Beginning
1	220	134	
2	220	134	
3	220	134	
4	265	89	
5	296	58	
6	313	44	
7	324	37	
8	333	32	
9	340	29	
10	346	27	
11	351	25	
12	356	24	
13	360	23	
14	364	22	
15	368	21	
16	372	21	
17	375	20	
18	378	20	
19	381	20	
20	384	19	
21	387	19	
22	390	19	
23	392	19	
24	395	19	
25	398	19	
26	400	19	
27	403	19	
28	405	19	
29	408	19	
30	411	19	
31	413	19	
32	416	19	
33	418	19	
34	421	19	
35	424	19	
36	426	19	Beginning
37	429	19	
38	432	19	
39	435	19	
40	437	20	
41	440	20	Early Intermediate
42	443	20	
43	447	20	
44	450	21	
45	453	21	
46	457	21	
47	460	22	
48	464	22	
49	468	23	
50	472	23	
51	477	24	
52	482	25	Intermediate
53	487	26	
54	492	27	
55	498	28	
56	504	30	
57	511	33	
58	519	35	
59	528	39	Early Advanced
60	538	44	
61	549	49	
62	562	55	
63	577	62	Advanced
64	594	70	
65	613	78	
66	636	87	
67	663	98	
68	698	118	
69	710	125	
70	710	125	

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Reading, Grade Span 2: Grades 3-5

Raw Score	Scale Score	Standard Error	Prof. Level
0	340	76	Beginning
1	340	76	
2	340	76	
3	340	76	
4	340	76	
5	340	76	
6	340	76	
7	362	54	
8	380	36	
9	393	28	
10	404	24	
11	412	22	
12	420	20	
13	427	18	
14	434	17	
15	440	16	
16	446	15	
17	451	15	
18	457	14	Beg.
19	462	14	
20	467	13	Early Intermediate
21	471	13	
22	476	13	
23	481	13	
24	486	13	
25	491	13	
26	496	13	
27	502	13	Intermediate
28	508	14	
29	514	15	
30	522	16	
31	531	18	
32	542	20	Early Adv.
33	557	24	
34	582	34	Adv.
35	640	80	

Writing, Grade Span 2: Grades 3-5

Raw Score	Scale Score	Standard Error	Prof. Level
0	280	102	Beginning
1	280	102	
2	280	102	
3	280	102	
4	280	102	
5	323	58	
6	346	36	
7	360	27	
8	370	23	
9	379	21	
10	387	19	
11	395	18	
12	402	18	
13	409	17	
14	416	17	
15	422	16	
16	429	16	
17	435	15	
18	442	15	Beg.
19	449	15	Early Intermediate
20	455	15	
21	462	15	
22	470	16	
23	478	16	
24	487	17	
25	497	18	Inter.
26	507	18	
27	517	18	
28	528	17	
29	540	18	Early Adv.
30	552	18	
31	565	20	
32	582	23	Advanced
33	605	28	
34	642	37	
35	690	56	

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Listening/Speaking, Grade Span 3: Grades 6-8

Raw Score	Scale Score	Standard Error	Prof. Level
0	220	171	Beginning
1	220	171	
2	220	171	
3	220	171	
4	220	171	
5	266	125	
6	314	77	
7	334	57	
8	347	45	
9	356	38	
10	363	34	
11	369	30	
12	375	28	
13	379	26	
14	384	25	
15	388	24	
16	391	23	
17	395	22	
18	398	21	
19	401	21	
20	404	20	
21	406	20	
22	409	20	
23	412	19	
24	414	19	
25	417	19	
26	419	19	
27	422	19	
28	424	19	
29	427	19	
30	429	19	
31	432	19	
32	434	19	
33	437	19	
34	439	20	Early Inter.
35	442	20	
36	444	20	Early Intermediate
37	447	20	
38	450	20	
39	453	20	
40	455	21	
41	458	21	
42	461	21	
43	464	21	
44	467	22	
45	470	22	
46	473	22	
47	477	23	
48	480	23	
49	484	23	Intermediate
50	488	24	
51	492	24	
52	496	25	
53	500	26	
54	505	27	
55	510	28	
56	516	30	
57	522	31	
58	528	34	Early Advanced
59	536	36	
60	544	40	
61	554	45	
62	565	51	
63	578	60	Advanced
64	595	72	
65	616	88	
66	642	104	
67	675	122	
68	710	141	
69	710	141	
70	710	141	

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Reading, Grade Span 3: Grades 6-8

Raw Score	Scale Score	Standard Error	Prof. Level
0	340	137	Beginning
1	340	137	
2	340	137	
3	340	137	
4	340	137	
5	340	137	
6	340	137	
7	340	137	
8	367	110	
9	414	62	
10	435	42	
11	449	31	
12	459	26	
13	468	23	Early Intermediate
14	477	21	
15	484	20	
16	491	18	
17	498	17	
18	504	16	Intermediate
19	510	15	
20	515	15	
21	521	14	
22	526	14	
23	532	14	
24	537	13	Early Advanced
25	542	13	
26	548	14	
27	554	14	
28	560	14	
29	567	15	Advanced
30	575	16	
31	584	18	
32	595	21	
33	611	25	
34	638	36	
35	650	43	

Writing, Grade Span 3: Grades 6-8

Raw Score	Scale Score	Standard Error	Prof. Level
0	280	127	Beginning
1	280	127	
2	280	127	
3	280	127	
4	280	127	
5	339	68	
6	368	39	
7	382	27	
8	392	21	
9	400	19	
10	407	17	
11	413	16	
12	419	15	
13	425	15	
14	430	14	
15	436	14	
16	441	14	
17	446	14	Early Int.
18	452	14	Early Intermediate
19	458	14	
20	464	14	
21	470	14	
22	476	14	
23	483	15	
24	491	16	Inter.
25	500	18	
26	511	19	
27	523	21	
28	536	21	Early Adv.
29	550	21	
30	564	22	
31	580	23	Advanced
32	599	27	
33	625	33	
34	669	46	
35	700	56	

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Listening/Speaking, Grade Span 4: Grades 9-12

Raw Score	Scale Score	Standard Error	Prof. Level
0	220	156	Beginning
1	220	156	
2	220	156	
3	294	82	
4	328	48	
5	345	36	
6	356	30	
7	365	26	
8	372	24	
9	378	22	
10	383	21	
11	387	20	
12	391	19	
13	395	18	
14	398	18	
15	401	17	
16	404	17	
17	407	17	
18	410	16	
19	413	16	
20	415	16	
21	418	16	
22	420	16	
23	423	16	
24	425	16	
25	427	16	
26	430	15	
27	432	15	
28	434	15	
29	437	15	
30	439	15	Early Intermediate
31	441	15	
32	444	15	
33	446	15	
34	449	15	
35	451	15	
36	453	16	Early Intermediate
37	456	16	
38	458	16	
39	461	16	
40	463	16	
41	466	16	
42	469	16	
43	471	16	
44	474	16	
45	477	16	
46	480	16	
47	483	16	Intermediate
48	486	17	
49	489	17	
50	493	17	
51	496	18	
52	500	18	
53	504	19	
54	508	20	
55	512	21	
56	516	22	
57	521	24	
58	527	25	Early Advanced
59	533	28	
60	540	30	
61	547	33	
62	555	36	
63	565	40	
64	575	44	Advanced
65	588	48	
66	602	54	
67	620	61	
68	644	72	
69	682	96	
70	710	122	

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Reading, Grade Span 4: Grades 9-12

Raw Score	Scale Score	Standard Error	Prof. Level
0	340	131	Beginning
1	340	131	
2	340	131	
3	340	131	
4	340	131	
5	340	131	
6	396	75	
7	425	46	
8	441	32	
9	453	25	
10	462	21	
11	470	19	Early Intermediate
12	476	17	
13	482	16	
14	488	15	
15	493	14	
16	498	13	
17	503	13	Inter.
18	507	12	Intermediate
19	512	12	
20	516	12	
21	520	11	
22	524	11	
23	529	11	
24	533	11	Early Advanced
25	537	11	
26	542	12	
27	547	12	
28	552	12	
29	558	13	
30	565	14	
31	573	15	Advanced
32	582	18	
33	596	22	
34	618	31	
35	650	53	

Writing, Grade Span 4: Grades 9-12

Raw Score	Scale Score	Standard Error	Prof. Level
0	280	135	Beginning
1	280	135	
2	280	135	
3	280	135	
4	280	135	
5	280	135	
6	356	59	
7	379	36	
8	392	25	
9	401	21	
10	408	18	
11	414	17	
12	420	16	
13	426	15	
14	431	15	
15	437	15	
16	442	15	
17	448	15	Early Int.
18	454	15	Early Intermediate
19	460	15	
20	467	15	
21	474	15	
22	480	14	
23	487	14	
24	495	14	Inter.
25	502	15	
26	511	16	
27	521	17	
28	533	19	Early Adv.
29	547	20	
30	561	20	
31	576	20	Advanced
32	593	22	
33	615	27	
34	650	37	
35	700	60	

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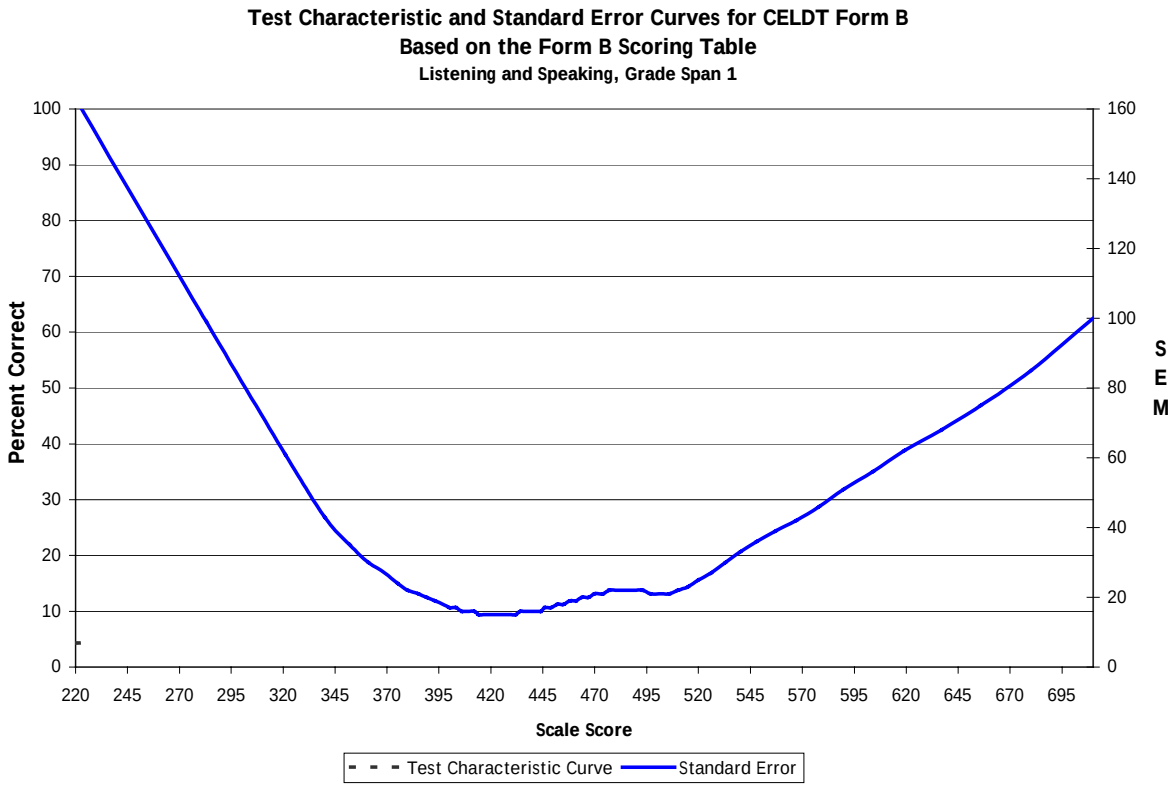
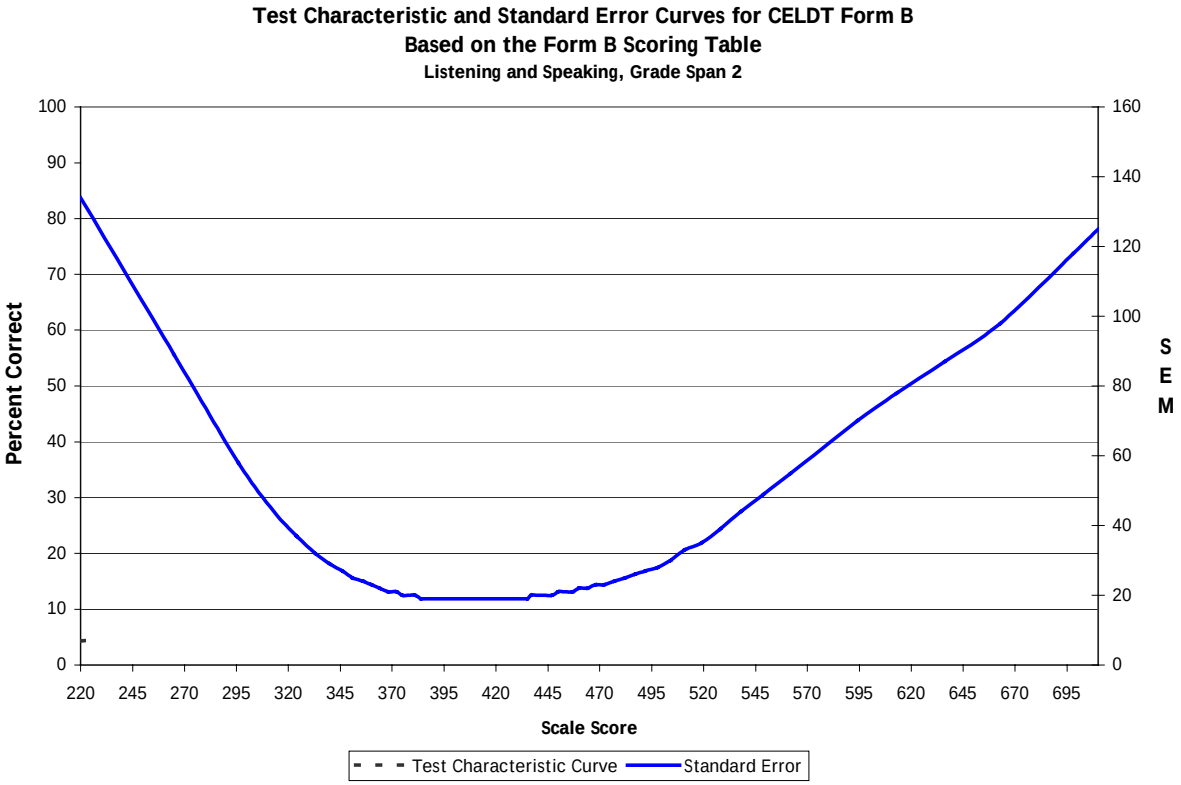
Appendix G Form B Test Characteristic and Standard Error Curves





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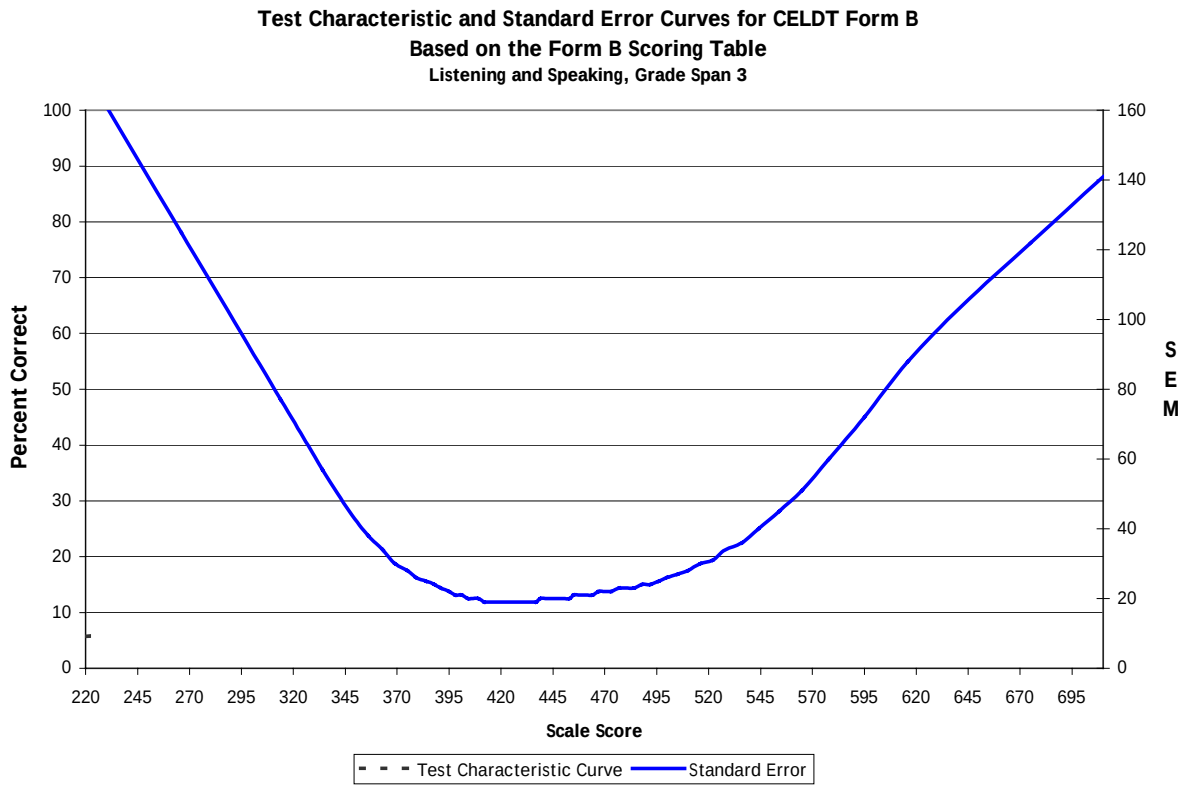

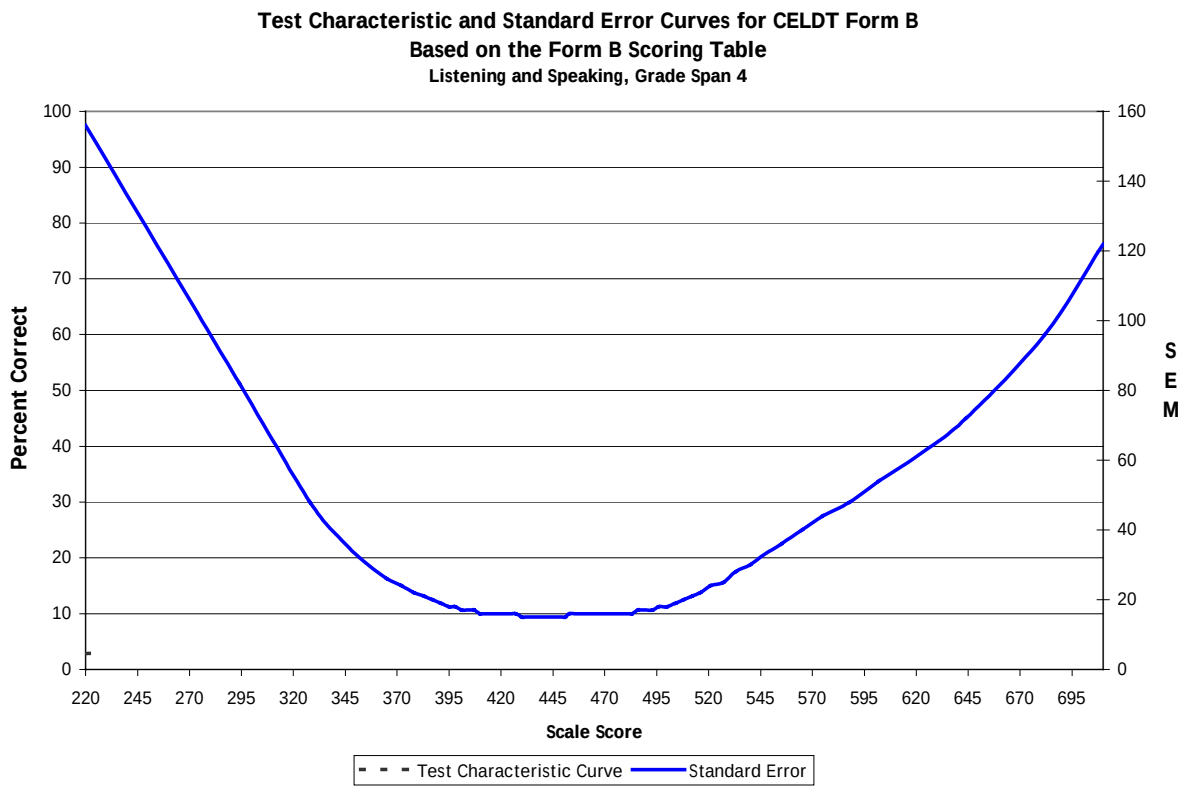

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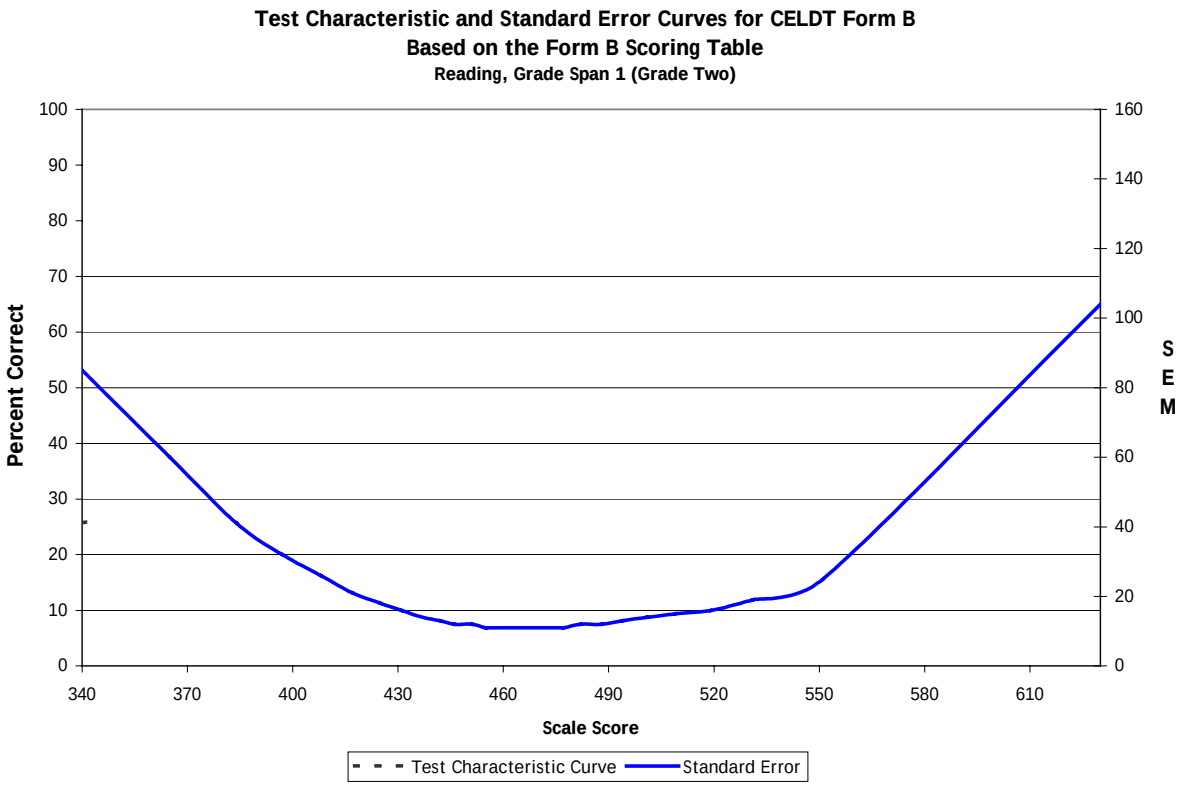

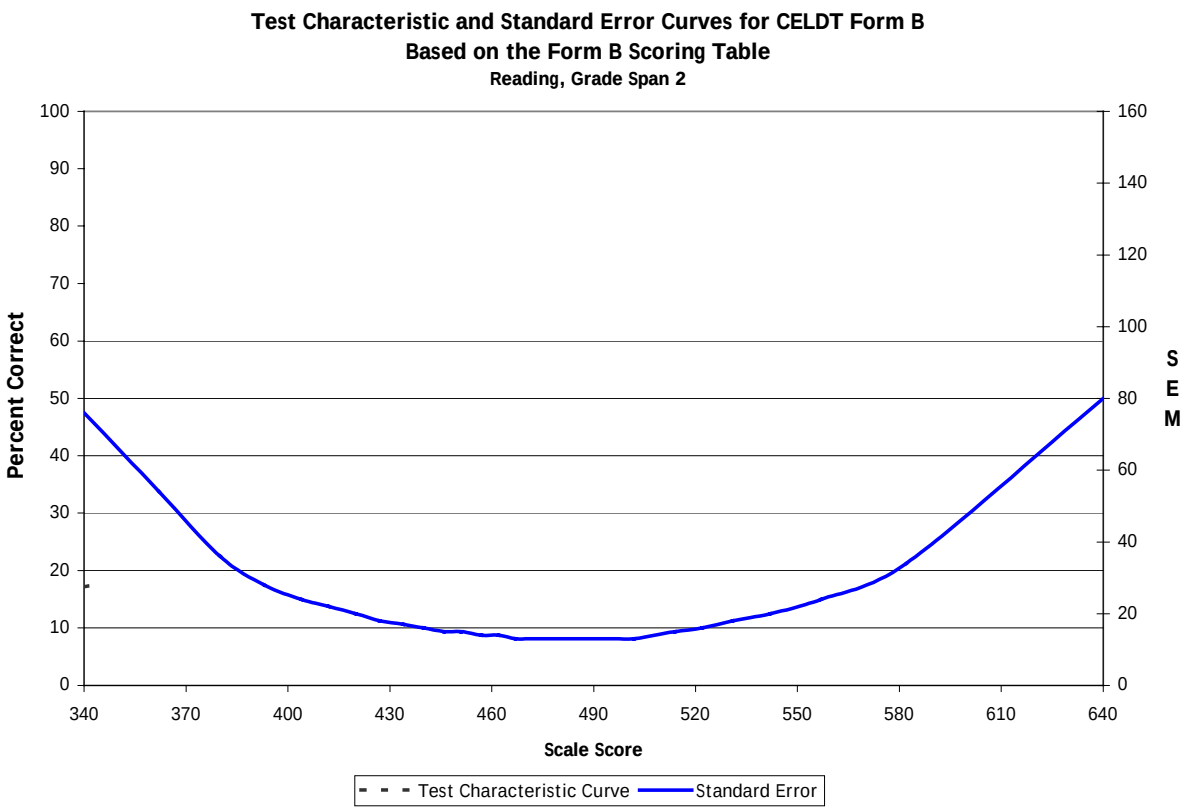

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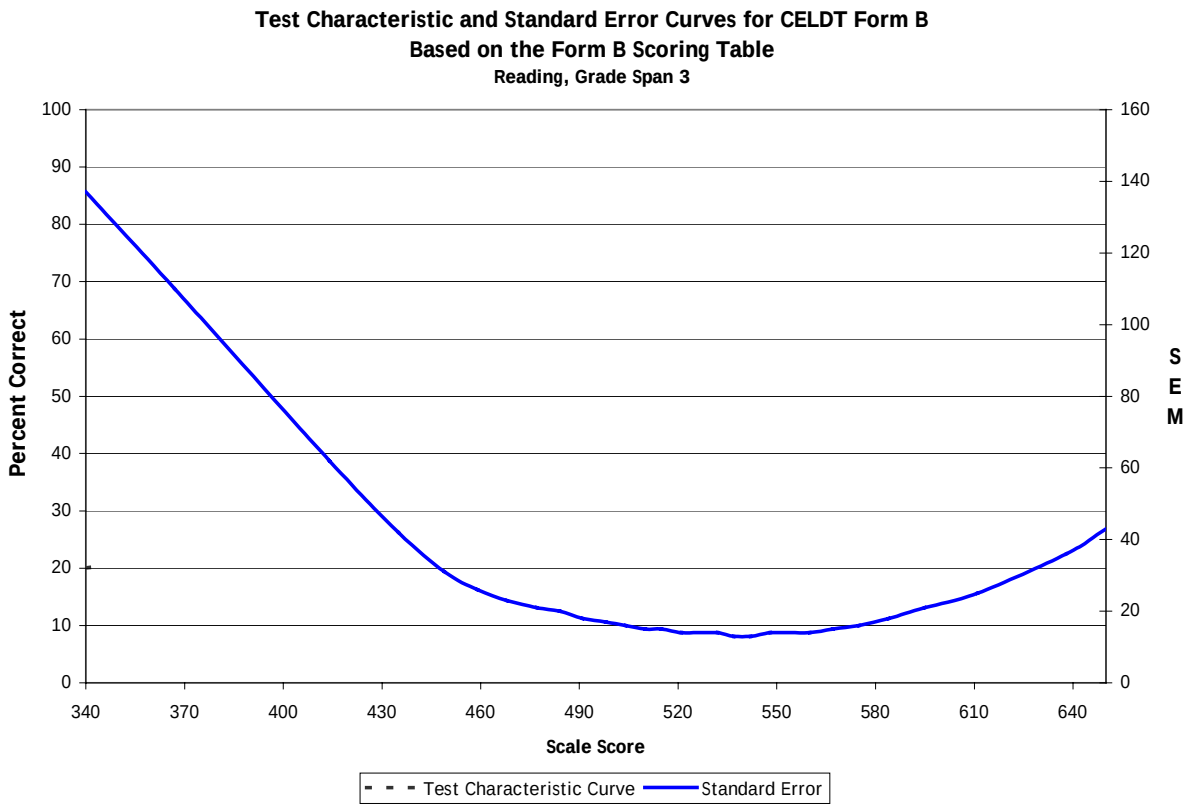

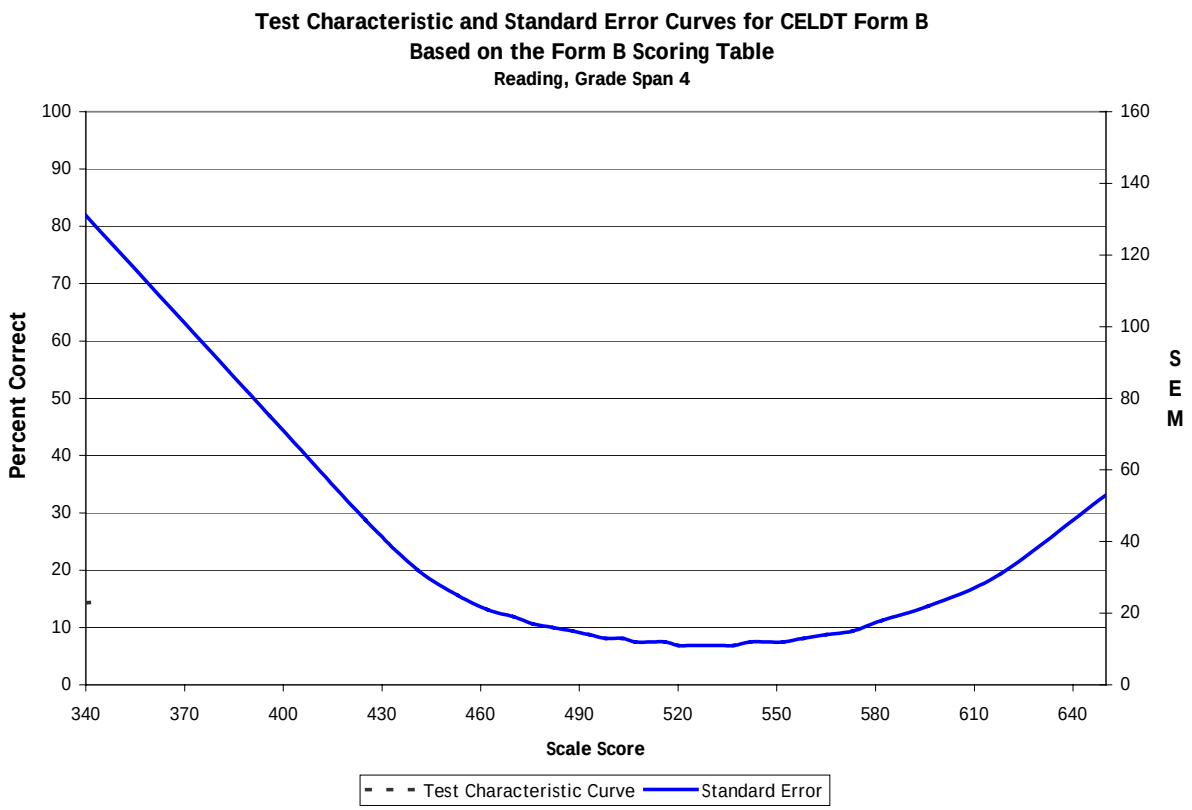

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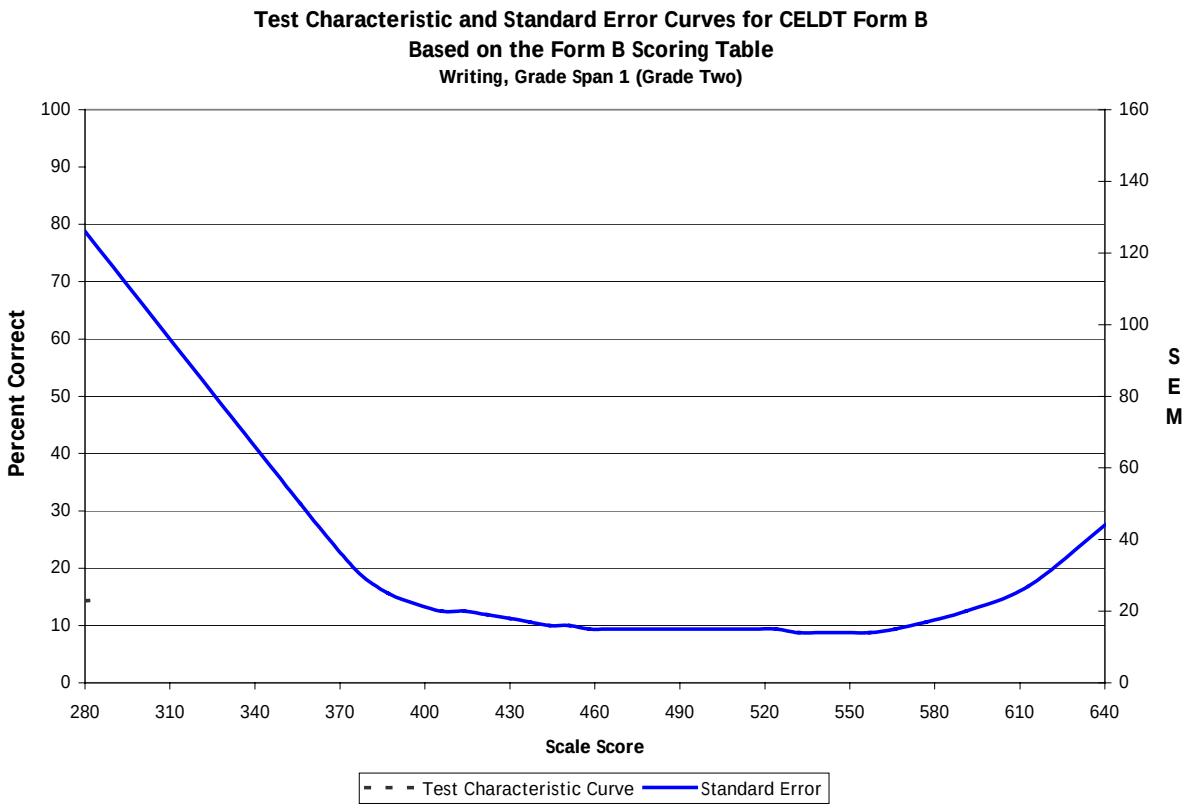

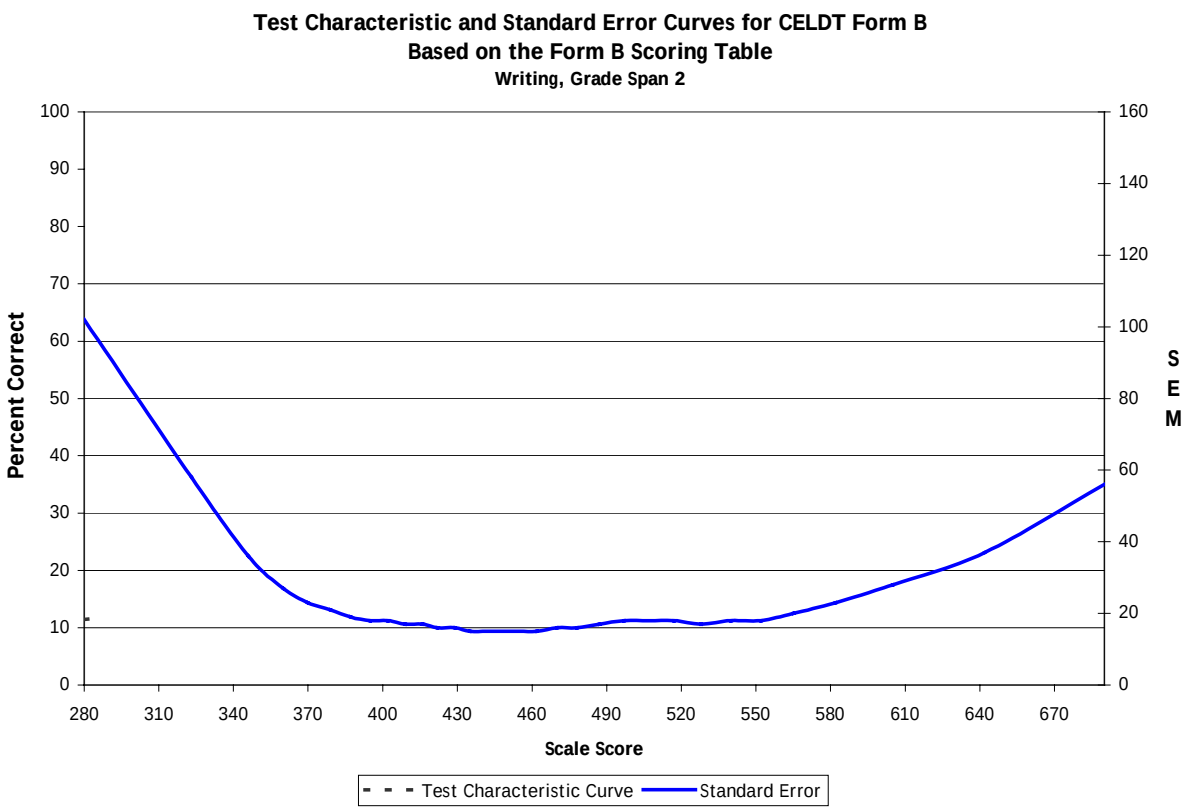

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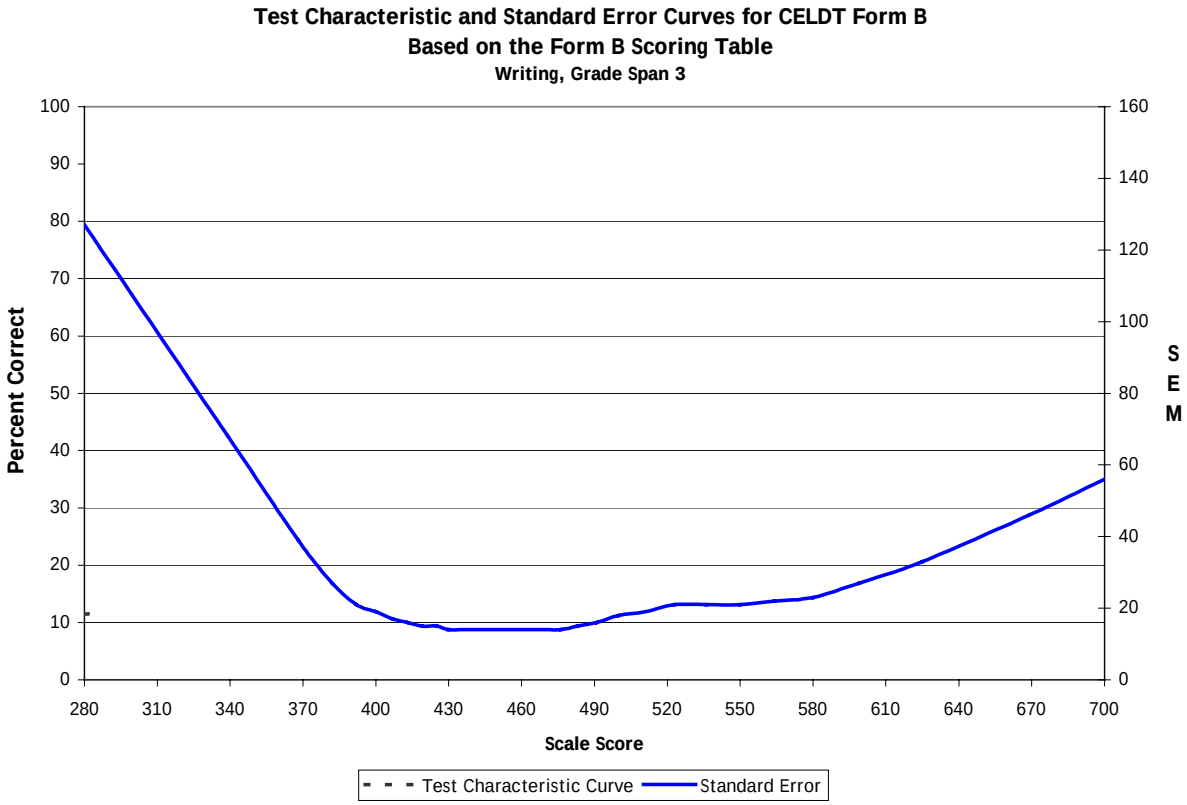

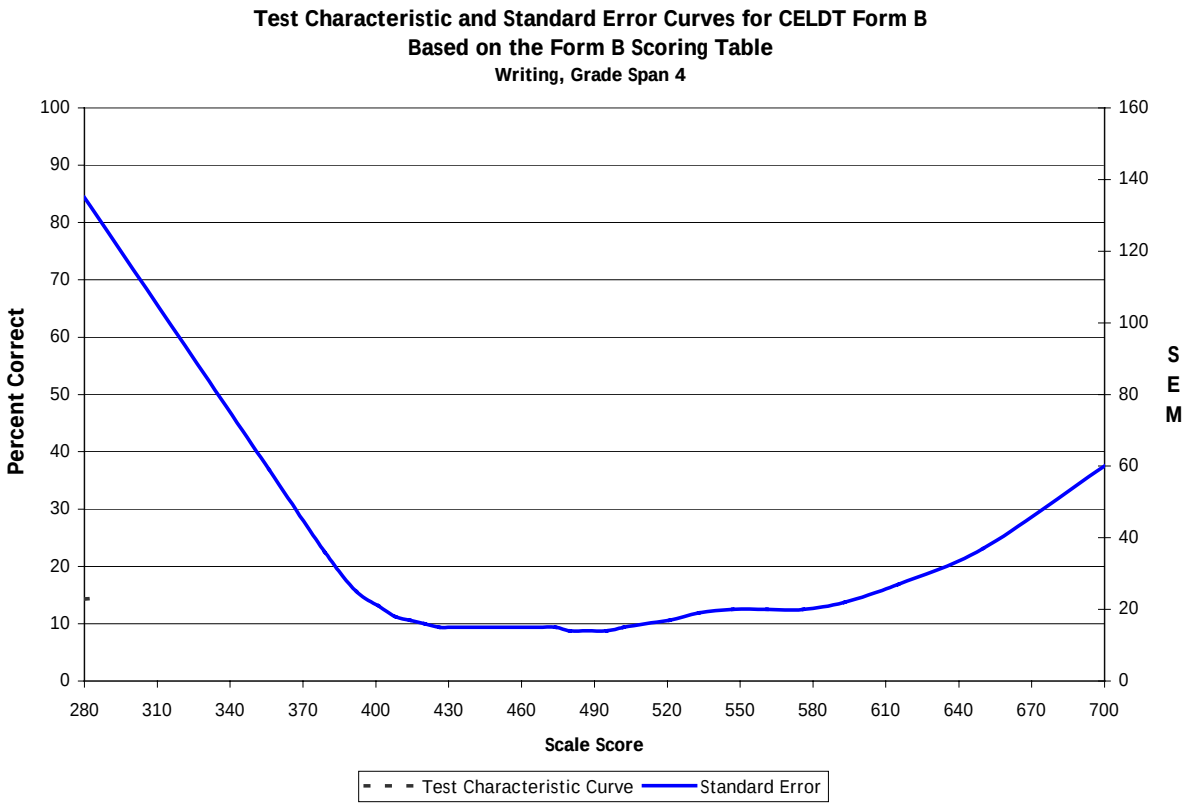

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Appendix H Form B Item Map

Form B Item Map, Listening/Speaking

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B Module Name	Item ID
Grade Span 1				
1	NA		LS GK-2 B	295532
2	NA		LS GK-2 B	295534
3	NA		LS GK-2 B	295536
4	NA		LS GK-2 B	295542
5	NA		LS GK-2 B	295548
6	NA		LS GK-2 B	295550
7	NA		LS GK-2 B	295552
8	NA		LS GK-2 B	295554
9	NA		LS GK-2 B	295556
10	NA		LS GK-2 B	295558
11	NA		LS GK-2 B	295610
12	NA		LS GK-2 B	295612
13	NA		LS GK-2 B	295614
14	NA		LS GK-2 B	295616
15	NA		LS GK-2 B	295620
16	NA		LS GK-2 B	295622
17	NA		LS GK-2 B	295624
18	NA		LS GK-2 B	295628
19	NA		LS GK-2 B	295630
20	NA		LS GK-2 B	295632
21	NA		LS GK-2 B	295634
22	NA		LS GK-2 B	295636
23	NA		LS GK-2 B	295640
24	NA		LS GK-2 B	295642
25	NA		LS GK-2 B	295644
26	NA		LS GK-2 B	295584
27	NA		LS GK-2 B	295586
28	NA		LS GK-2 B	295588
29	NA		LS GK-2 B	295590
30	NA		LS GK-2 B	295592
31	NA		LS GK-2 B	295596
32	NA		LS GK-2 B	295598
33	NA		LS GK-2 B	295600
34	NA		LS GK-2 B	295608
35	NA		LS GK-2 B	295604
36	NA		LS GK-2 B	295560
37	NA		LS GK-2 B	295562
38	NA		LS GK-2 B	295564
39	NA		LS GK-2 B	295566
40	NA		LS GK-2 B	295568
41	NA		LS GK-2 B	295572
42	NA		LS GK-2 B	295574
43	NA		LS GK-2 B	295578
44	NA		LS GK-2 B	295580
45	NA		LS GK-2 B	295582
46*	NA		LS GK-2 B	240633

For 2002 Listening/Speaking, the RWO item number is the same as the book item number.

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Form B Item Map, Listening/Speaking

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B Module Name	Item ID
Grade Span 2				
1	1		LS G3-5 B	295646
2	2		LS G3-5 B	295648
3	3		LS G3-5 B	295652
4	4		LS G3-5 B	295654
5	5		LS G3-5 B	295656
6	6		LS G3-5 B	295658
7	7		LS G3-5 B	295660
8	8		LS G3-5 B	295662
9	9		LS G3-5 B	295664
10	10		LS G3-5 B	295668
11	11		LS G3-5 B	295730
12	12		LS G3-5 B	295732
13	13		LS G3-5 B	295734
14	14		LS G3-5 B	295740
15	15		LS G3-5 B	295742
16	16		LS G3-5 B	295744
17	17		LS G3-5 B	295746
18	18		LS G3-5 B	295748
19	19		LS G3-5 B	295750
20	20		LS G3-5 B	295752
21	21		LS G3-5 B	295754
22	22		LS G3-5 B	295756
23	23		LS G3-5 B	295758
24	24		LS G3-5 B	295760
25	25		LS G3-5 B	295762
26	26		LS G3-5 B	295700
27	27		LS G3-5 B	295702
28	28		LS G3-5 B	295704
29	29		LS G3-5 B	295710
30	30		LS G3-5 B	295712
31	31		LS G3-5 B	295714
32	32		LS G3-5 B	295716
33	33		LS G3-5 B	295724
34	34		LS G3-5 B	295726
35	35		LS G3-5 B	295728
36	36		LS G3-5 B	295674
37	37		LS G3-5 B	295676
38	38		LS G3-5 B	295678
39	39		LS G3-5 B	295680
40	40		LS G3-5 B	295682
41	41		LS G3-5 B	295688
42	42		LS G3-5 B	295690
43	43		LS G3-5 B	295692
44	44		LS G3-5 B	295694
45	45		LS G3-5 B	295696
46*	46*		LS G3-5 B	241049

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Form B Item Map, Listening/Speaking

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B Module Name	Item ID
Grade Span 3				
1	1		LS G6-8 B	295764
2	2		LS G6-8 B	295766
3	3		LS G6-8 B	295768
4	4		LS G6-8 B	295772
5	5		LS G6-8 B	295774
6	6		LS G6-8 B	295776
7	7		LS G6-8 B	295778
8	8		LS G6-8 B	295786
9	9		LS G6-8 B	295788
10	10		LS G6-8 B	295790
11	11		LS G6-8 B	295850
12	12		LS G6-8 B	295852
13	13		LS G6-8 B	295854
14	14		LS G6-8 B	295856
15	15		LS G6-8 B	295858
16	16		LS G6-8 B	295860
17	17		LS G6-8 B	295862
18	18		LS G6-8 B	295864
19	19		LS G6-8 B	295866
20	20		LS G6-8 B	295870
21	21		LS G6-8 B	295872
22	22		LS G6-8 B	295874
23	23		LS G6-8 B	295876
24	24		LS G6-8 B	295878
25	25		LS G6-8 B	295882
26	26		LS G6-8 B	295816
27	27		LS G6-8 B	295818
28	28		LS G6-8 B	295820
29	29		LS G6-8 B	295824
30	30		LS G6-8 B	295826
31	31		LS G6-8 B	295836
32	32		LS G6-8 B	295842
33	33		LS G6-8 B	295844
34	34		LS G6-8 B	295846
35	35		LS G6-8 B	295848
36	36		LS G6-8 B	295794
37	37		LS G6-8 B	295796
38	38		LS G6-8 B	295798
39	39		LS G6-8 B	295800
40	40		LS G6-8 B	295802
41	41		LS G6-8 B	295806
42	42		LS G6-8 B	295808
43	43		LS G6-8 B	295810
44	44		LS G6-8 B	295812
45	45		LS G6-8 B	295814
46*	46*		LS G6-8 B	241323

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Form B Item Map, Listening/Speaking

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B Module Name	Item ID
Grade Span 4				
1	1		LS G9-12 B	295892
2	2		LS G9-12 B	295894
3	3		LS G9-12 B	295886
4	4		LS G9-12 B	295888
5	5		LS G9-12 B	295900
6	6		LS G9-12 B	295902
7	7		LS G9-12 B	295904
8	8		LS G9-12 B	295908
9	9		LS G9-12 B	295910
10	10		LS G9-12 B	295912
11	11		LS G9-12 B	295970
12	12		LS G9-12 B	295972
13	13		LS G9-12 B	295974
14	14		LS G9-12 B	295976
15	15		LS G9-12 B	295978
16	16		LS G9-12 B	295982
17	17		LS G9-12 B	295984
18	18		LS G9-12 B	295986
19	19		LS G9-12 B	295988
20	20		LS G9-12 B	295990
21	21		LS G9-12 B	295992
22	22		LS G9-12 B	295996
23	23		LS G9-12 B	295998
24	24		LS G9-12 B	296000
25	25		LS G9-12 B	296002
26	26		LS G9-12 B	295938
27	27		LS G9-12 B	295944
28	28		LS G9-12 B	295946
29	29		LS G9-12 B	295948
30	30		LS G9-12 B	295950
31	31		LS G9-12 B	295958
32	32		LS G9-12 B	295964
33	33		LS G9-12 B	295962
34	34		LS G9-12 B	295966
35	35		LS G9-12 B	295968
36	36		LS G9-12 B	295914
37	37		LS G9-12 B	295916
38	38		LS G9-12 B	295920
39	39		LS G9-12 B	295924
40	40		LS G9-12 B	295926
41	41		LS G9-12 B	295930
42	42		LS G9-12 B	295928
43	43		LS G9-12 B	295932
44	44		LS G9-12 B	295934
45	45		LS G9-12 B	295936
46*	46*		LS G9-12 B	241741

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Form B Item Map, Reading

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B RWO Item Number	Form B Module Name	Item ID
Grade Span 1					
1	NA		1	RD G2 B[1-4]	00240706
2	NA		2	RD G2 B[1-4]	00240708
3	NA		3	RD G2 B[1-4]	00240805
4	NA		4	RD G2 B[1-4]	00240809
5	NA		5	RD G2 B[1-4]	00240811
6	NA		6	RD G2 B[1-4]	00240717
7	NA		7	RD G2 B[1-4]	00240819
8	NA		8	RD G2 B[1-4]	00240821
9	NA		9	RD G2 B[1-4]	00240725
10	NA		10	RD G2 B[1-4]	00240823
11	NA		11	RD G2 B[1-4]	00240825
12	NA		12	RD G2 B[1-4]	00240827
13	NA		13	RD G2 B[1-4]	00240729
14	NA		14	RD G2 B[1-4]	00240731
15	NA		15	RD G2 B[1-4]	00240733
16	NA		16	RD G2 B[1-4]	00240737
17	NA		17	RD G2 B[1-4]	00240739
18	NA		18	RD G2 B[1-4]	00240835
19	NA		19	RD G2 B[1-4]	00240751
20	NA		20	RD G2 B[1-4]	00240753
21	NA		21	RD G2 B[1-4]	00240837
22	NA		Field Test Item-See Table Next Page		
23	NA		22	RD G2 B[1-4]	00240847
24	NA		Field Test Item-See Table Next Page		
25	NA		23	RD G2 B[1-4]	00240761
26	NA		Field Test Item-See Table Next Page		
27	NA		24	RD G2 B[1-4]	00240849
28	NA		Field Test Item-See Table Next Page		
29	NA		25	RD G2 B[1-4]	00240763
30	NA		26	RD G2 B[1-4]	00240765
31	NA		27	RD G2 B[1-4]	00240769
32	NA		28	RD G2 B[1-4]	00240771
33	NA		29	RD G2 B[1-4]	00240773
34	NA		30	RD G2 B[1-4]	00240855
35	NA		31	RD G2 B[1-4]	00240857
36	NA		32	RD G2 B[1-4]	00240859
37	NA		33	RD G2 B[1-4]	00240863
38	NA		34	RD G2 B[1-4]	00240865
39	NA		35	RD G2 B[1-4]	00240867

Shading indicates Field Test items; see table next page for more detail.

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Form B Field Test Items, Reading

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B RWO Item Number	Form B Module Name	Item ID
Grade Span 1					
22	NA		36	RD G2 B1	353921
24	NA		37	RD G2 B1	353923
26	NA		38	RD G2 B1	353925
28	NA		39	RD G2 B1	353927
22	NA		40	RD G2 B2	353929
24	NA		41	RD G2 B2	353931
26	NA		42	RD G2 B2	353933
28	NA		43	RD G2 B2	353935
22	NA		44	RD G2 B3	353937
24	NA		45	RD G2 B3	353939
26	NA		46	RD G2 B3	353941
28	NA		47	RD G2 B3	353943
22	NA		48	RD G2 B4	353945
24	NA		49	RD G2 B4	353947
26	NA		50	RD G2 B4	353949
28	NA		51	RD G2 B4	353951

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Form B Item Map, Reading

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B RWO Item Number	Form B Module Name	Item ID
Grade Span 2					
1	1		1	RD G3-5 B[1-6]	00241053
2	2		2	RD G3-5 B[1-6]	00241055
3	3		3	RD G3-5 B[1-6]	00241057
4	4		4	RD G3-5 B[1-6]	00241063
5	5		5	RD G3-5 B[1-6]	00241154
6	6		6	RD G3-5 B[1-6]	00241158
7	7		7	RD G3-5 B[1-6]	00241162
8	8		8	RD G3-5 B[1-6]	00241075
9	9		9	RD G3-5 B[1-6]	00241071
10	10		10	RD G3-5 B[1-6]	00241073
11	11		11	RD G3-5 B[1-6]	00241067
12	12		12	RD G3-5 B[1-6]	00241069
13	13		13	RD G3-5 B[1-6]	00241077
NA	14		36	RD G3-5 B[5-6]	354140
NA	15		37	RD G3-5 B[5-6]	354142
14	16		14	RD G3-5 B[1-6]	00241081
NA	17		38	RD G3-5 B[5-6]	354144
NA	18		39	RD G3-5 B[5-6]	354146
15	19		15	RD G3-5 B[1-6]	00241083
NA	20		40	RD G3-5 B[5-6]	354148
NA	21		41	RD G3-5 B[5-6]	354150
16	22		16	RD G3-5 B[1-6]	00241087
NA	23		42	RD G3-5 B[5-6]	354152
NA	24		43	RD G3-5 B[5-6]	354154
17	25		17	RD G3-5 B[1-6]	00241089
NA	26		44	RD G3-5 B[5-6]	354156
NA	27		45	RD G3-5 B[5-6]	354158
18	28		18	RD G3-5 B[1-6]	00241178
NA	29		46	RD G3-5 B[5-6]	354160
19	30		19	RD G3-5 B[1-6]	00241184
20	31		20	RD G3-5 B[1-6]	00241192
NA	32		47	RD G3-5 B[5-6]	354162
NA	33		48	RD G3-5 B[5-6]	354164
21	34		21	RD G3-5 B[1-6]	00241194
NA	35		49	RD G3-5 B[5-6]	354166
NA	36		50	RD G3-5 B[5-6]	354168
NA	37		51	RD G3-5 B[5-6]	354170
22	38		22	RD G3-5 B[1-6]	00241097
23	39		23	RD G3-5 B[1-6]	00241099
24	40		24	RD G3-5 B[1-6]	00241101
25	41		25	RD G3-5 B[1-6]	00241103
26	42		26	RD G3-5 B[1-6]	00241109
27	43		27	RD G3-5 B[1-6]	00241111
28	44		28	RD G3-5 B[1-6]	00241113
29	45		29	RD G3-5 B[1-6]	00241115
30	46		30	RD G3-5 B[1-6]	00241204
31	47		31	RD G3-5 B[1-6]	00241206
32	48		32	RD G3-5 B[1-6]	00241210
33	49		33	RD G3-5 B[1-6]	00241214
34	50		34	RD G3-5 B[1-6]	00241216
35	51		35	RD G3-5 B[1-6]	00241218

Shading indicates Field Test items; see table next page for more detail.

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Form B Field Test Items, Reading

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B RWO Item Number	Form B Module Name	Item ID
Grade Span 2					
NA	14		36	RD G3-5 B[5-6]	354140
NA	15		37	RD G3-5 B[5-6]	354142
NA	17		38	RD G3-5 B[5-6]	354144
NA	18		39	RD G3-5 B[5-6]	354146
NA	20		40	RD G3-5 B[5-6]	354148
NA	21		41	RD G3-5 B[5-6]	354150
NA	23		42	RD G3-5 B[5-6]	354152
NA	24		43	RD G3-5 B[5-6]	354154
NA	26		44	RD G3-5 B[5-6]	354156
NA	27		45	RD G3-5 B[5-6]	354158
NA	29		46	RD G3-5 B[5-6]	354160
NA	32		47	RD G3-5 B[5-6]	354162
NA	33		48	RD G3-5 B[5-6]	354164
NA	35		49	RD G3-5 B[5-6]	354166
NA	36		50	RD G3-5 B[5-6]	354168
NA	37		51	RD G3-5 B[5-6]	354170

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Form B Item Map, Reading

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B5 RWO Item Number	Form B6 Book Item Number	Form B6 RWO Item Number	Form B Module Name	Item ID
Grade Span 3						
1	1	1	1	1	RD G6-8 B[1-6]	00241403
2	2	2	2	2	RD G6-8 B[1-6]	00241405
3	3	3	3	3	RD G6-8 B[1-6]	00241407
4	4	4	4	4	RD G6-8 B[1-6]	00241504
5	5	5	5	5	RD G6-8 B[1-6]	00241506
6	6	6	6	6	RD G6-8 B[1-6]	00241514
7	7	7	34	18	RD G6-8 B[1-6]	00241415
8	8	8	35	19	RD G6-8 B[1-6]	00241528
9	9	9	36	20	RD G6-8 B[1-6]	00241534
10	10	10	37	21	RD G6-8 B[1-6]	00241536
11	11	11	38	22	RD G6-8 B[1-6]	00241538
12	12	12	39	23	RD G6-8 B[1-6]	00241447
13	13	13	33	17	RD G6-8 B[1-6]	00241510
14	14	14	7	7	RD G6-8 B[1-6]	00241417
NA	15	36	8	36	RD G6-8 B[5-6]	354592
NA	16	37	9	37	RD G6-8 B[5-6]	354594
15	17	15	10	8	RD G6-8 B[1-6]	00241419
NA	18	38	11	38	RD G6-8 B[5-6]	354596
NA	19	39	12	39	RD G6-8 B[5-6]	354598
16	20	16	13	9	RD G6-8 B[1-6]	00241421
NA	21	40	14	40	RD G6-8 B[5-6]	354600
NA	22	41	15	41	RD G6-8 B[5-6]	354602
17	23	17	16	10	RD G6-8 B[1-6]	00241423
NA	24	42	17	42	RD G6-8 B[5-6]	354604
NA	25	43	18	43	RD G6-8 B[5-6]	354606
18	26	18	19	11	RD G6-8 B[1-6]	00241516
19	27	19	20	12	RD G6-8 B[1-6]	00241425
NA	28	44	21	44	RD G6-8 B[5-6]	354608
NA	29	45	22	45	RD G6-8 B[5-6]	354610
20	30	20	23	13	RD G6-8 B[1-6]	00241427
NA	31	46	24	46	RD G6-8 B[5-6]	354612
NA	32	47	25	47	RD G6-8 B[5-6]	354614
21	33	21	26	14	RD G6-8 B[1-6]	00241429
NA	34	48	27	48	RD G6-8 B[5-6]	354616
NA	35	49	28	49	RD G6-8 B[5-6]	354618
22	36	22	29	15	RD G6-8 B[1-6]	00241431
NA	37	50	30	50	RD G6-8 B[5-6]	354620
NA	38	51	31	51	RD G6-8 B[5-6]	354622
23	39	23	32	16	RD G6-8 B[1-6]	00241522
24	40	24	40	24	RD G6-8 B[1-6]	00241540
25	41	25	41	25	RD G6-8 B[1-6]	00241542
26	42	26	42	26	RD G6-8 B[1-6]	00241544
27	43	27	43	27	RD G6-8 B[1-6]	00241455
28	44	28	44	28	RD G6-8 B[1-6]	00241457
29	45	29	45	29	RD G6-8 B[1-6]	00241459
30	46	30	46	30	RD G6-8 B[1-6]	00241461
31	47	31	47	31	RD G6-8 B[1-6]	00241463
32	48	32	48	32	RD G6-8 B[1-6]	00241465
33	49	33	49	33	RD G6-8 B[1-6]	00241556
34	50	34	50	34	RD G6-8 B[1-6]	00241558
35	51	35	51	35	RD G6-8 B[1-6]	00241560

Shading indicates Field Test items; see table next page for more detail.

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Form B Field Test Items, Reading

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B5 RWO Item Number	Form B6 Book Item Number	Form B6 RWO Item Number	Form B Module Name	Item ID
Grade Span 3						
NA	15	36	8	36	RD G6-8 B[5-6]	354592
NA	16	37	9	37	RD G6-8 B[5-6]	354594
NA	18	38	11	38	RD G6-8 B[5-6]	354596
NA	19	39	12	39	RD G6-8 B[5-6]	354598
NA	21	40	14	40	RD G6-8 B[5-6]	354600
NA	22	41	15	41	RD G6-8 B[5-6]	354602
NA	24	42	17	42	RD G6-8 B[5-6]	354604
NA	25	43	18	43	RD G6-8 B[5-6]	354606
NA	28	44	21	44	RD G6-8 B[5-6]	354608
NA	29	45	22	45	RD G6-8 B[5-6]	354610
NA	31	46	24	46	RD G6-8 B[5-6]	354612
NA	32	47	25	47	RD G6-8 B[5-6]	354614
NA	34	48	27	48	RD G6-8 B[5-6]	354616
NA	35	49	28	49	RD G6-8 B[5-6]	354618
NA	37	50	30	50	RD G6-8 B[5-6]	354620
NA	38	51	31	51	RD G6-8 B[5-6]	354622

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Form B Item Map, Reading

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B5 RWO Item Number	Form B6 Book Item Number	Form B6 RWO Item Number	Form B Module Name	Item ID
Grade Span 4						
1	1	1	1	1	RD G9-12 B[1-6]	00241745
2	2	2	2	2	RD G9-12 B[1-6]	00241747
3	3	3	3	3	RD G9-12 B[1-6]	00241753
4	4	4	4	4	RD G9-12 B[1-6]	00241856
5	5	5	5	5	RD G9-12 B[1-6]	00241759
NA	6	36	6	36	RD G9-12 B[5-6]	354264
NA	7	37	7	37	RD G9-12 B[5-6]	354266
6	8	6	8	6	RD G9-12 B[1-6]	00241761
NA	9	38	9	38	RD G9-12 B[5-6]	354268
NA	10	39	10	39	RD G9-12 B[5-6]	354270
7	11	7	11	7	RD G9-12 B[1-6]	00241872
NA	12	40	12	40	RD G9-12 B[5-6]	354272
NA	13	41	13	41	RD G9-12 B[5-6]	354274
8	14	8	14	8	RD G9-12 B[1-6]	00241874
NA	15	42	15	42	RD G9-12 B[5-6]	354276
NA	16	43	16	43	RD G9-12 B[5-6]	354278
9	17	9	17	9	RD G9-12 B[1-6]	00241767
NA	18	44	18	44	RD G9-12 B[5-6]	354280
NA	19	45	19	45	RD G9-12 B[5-6]	354282
10	20	10	20	10	RD G9-12 B[1-6]	00241769
NA	21	46	21	46	RD G9-12 B[5-6]	354284
NA	22	47	22	47	RD G9-12 B[5-6]	354286
11	23	11	23	11	RD G9-12 B[1-6]	00241876
NA	24	48	24	48	RD G9-12 B[5-6]	354288
NA	25	49	25	49	RD G9-12 B[5-6]	354290
12	26	12	26	12	RD G9-12 B[1-6]	00241880
NA	27	50	27	50	RD G9-12 B[5-6]	354292
NA	28	51	28	51	RD G9-12 B[5-6]	354294
13	29	13	29	13	RD G9-12 B[1-6]	00241775
14	30	14	30	14	RD G9-12 B[1-6]	00241890
15	31	15	31	15	RD G9-12 B[1-6]	00241892
16	32	16	32	16	RD G9-12 B[1-6]	00241884
17	33	17	33	17	RD G9-12 B[1-6]	00241886
18	34	18	34	18	RD G9-12 B[1-6]	00241888
19	35	19	35	19	RD G9-12 B[1-6]	00241783
20	39	23	36	20	RD G9-12 B[1-6]	00241898
21	40	24	37	21	RD G9-12 B[1-6]	00241900
22	41	25	38	22	RD G9-12 B[1-6]	00241902
23	42	26	39	23	RD G9-12 B[1-6]	00241906
24	36	20	40	24	RD G9-12 B[1-6]	00241785
25	37	21	41	25	RD G9-12 B[1-6]	00241787
26	38	22	42	26	RD G9-12 B[1-6]	00241789
27	43	27	43	27	RD G9-12 B[1-6]	00241795
28	44	28	44	28	RD G9-12 B[1-6]	00241799
29	45	29	45	29	RD G9-12 B[1-6]	00241801
30	46	30	46	30	RD G9-12 B[1-6]	00241916
31	47	31	47	31	RD G9-12 B[1-6]	00241918
32	48	32	48	32	RD G9-12 B[1-6]	00241920
33	49	33	49	33	RD G9-12 B[1-6]	00241815
34	50	34	50	34	RD G9-12 B[1-6]	00241817
35	51	35	51	35	RD G9-12 B[1-6]	00241819

Shading indicates Field Test items; see table next page for more detail.

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Form B Field Test Items, Reading

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B5 RWO Item Number	Form B6 Book Item Number	Form B6 RWO Item Number	Form B Module Name	Item ID
Grade Span 4						
NA	6	36	6	36	RD G6-8 B[5-6]	354264
NA	7	37	7	37	RD G6-8 B[5-6]	354266
NA	9	38	9	38	RD G6-8 B[5-6]	354268
NA	10	39	10	39	RD G6-8 B[5-6]	354270
NA	12	40	12	40	RD G6-8 B[5-6]	354272
NA	13	41	13	41	RD G6-8 B[5-6]	354274
NA	15	42	15	42	RD G6-8 B[5-6]	354276
NA	16	43	16	43	RD G6-8 B[5-6]	354278
NA	18	44	18	44	RD G6-8 B[5-6]	354280
NA	19	45	19	45	RD G6-8 B[5-6]	354282
NA	21	46	21	46	RD G6-8 B[5-6]	354284
NA	22	47	22	47	RD G6-8 B[5-6]	354286
NA	24	48	24	48	RD G6-8 B[5-6]	354288
NA	25	49	25	49	RD G6-8 B[5-6]	354290
NA	27	50	27	50	RD G6-8 B[5-6]	354292
NA	28	51	28	51	RD G6-8 B[5-6]	354294

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Form B Item Map, Writing

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B RWO Item Number	Form B Module Name	Item ID
Grade Span 1					
1	NA		1	WT G2 B[1-4]	00240776
2	NA		2	WT G2 B[1-4]	00240778
3	NA		3	WT G2 B[1-4]	00240780
4	NA		4	WT G2 B[1-4]	00240782
5	NA		5	WT G2 B[1-4]	00240784
6	NA		Field Test Item-See Table Next Page		
7	NA		Field Test Item-See Table Next Page		
8	NA		6	WT G2 B[1-4]	00240786
9	NA		7	WT G2 B[1-4]	00240788
10	NA		8	WT G2 B[1-4]	00240790
11	NA		9	WT G2 B[1-4]	00240794
12	NA		10	WT G2 B[1-4]	00240870
13	NA		Field Test Item-See Table Next Page		
14	NA		Field Test Item-See Table Next Page		
15	NA		11	WT G2 B[1-4]	00240872
16	NA		12	WT G2 B[1-4]	00240874
17	NA		13	WT G2 B[1-4]	00240876
18	NA		14	WT G2 B[1-4]	00240880
19	NA		15	WT G2 B[1-4]	00240882
20	NA		Field Test Item-See Table Next Page		
21	NA		Field Test Item-See Table Next Page		
22	NA		16	WT G2 B[1-4]	00240884
23	NA		17	WT G2 B[1-4]	00240886
24	NA		18	WT G2 B[1-4]	00240888
25	NA		Field Test Item-See Table Next Page		
26	NA		19	WT G2 B[1-4]	00240796
27	NA		20	WT G2 B[1-4]	00240798
28	NA		Field Test Item-See Table Next Page		
29	NA		21	WT G2 B[1-4]	00240800
30	NA		Field Test Item-See Table Next Page		
31	NA		22	WT G2 B[1-4]	00240896
32	NA		23	WT G2 B[1-4]	00240802
33	NA		Field Test Item-See Table Next Page		

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Form B Field Test Items, Writing

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B RWO Item Number	Form B Module Name	Item ID
Grade Span 1					
6	NA		24	WT G2 B1	353957
7	NA		25	WT G2 B1	353959
13	NA		26	WT G2 B1	353961
14	NA		27	WT G2 B1	353963
20	NA		28	WT G2 B1	353965
21	NA		29	WT G2 B1	353967
25	NA		30	WT G2 B1	353969
28	NA		31	WT G2 B1	353971
30	NA		32	WT G2 B1	353973
33*	NA		33	WT G2 B1	353975
6	NA		34	WT G2 B2	353978
7	NA		35	WT G2 B2	353980
13	NA		36	WT G2 B2	353982
14	NA		37	WT G2 B2	353984
20	NA		38	WT G2 B2	353986
21	NA		39	WT G2 B2	353988
25	NA		40	WT G2 B2	353990
28	NA		41	WT G2 B2	353992
30	NA		42	WT G2 B2	353994
33*	NA		33	WT G2 B2	353975
6	NA		43	WT G2 B3	353996
7	NA		44	WT G2 B3	353998
13	NA		45	WT G2 B3	354000
14	NA		46	WT G2 B3	354002
20	NA		47	WT G2 B3	354004
21	NA		48	WT G2 B3	354006
25	NA		49	WT G2 B3	354008
28	NA		50	WT G2 B3	354010
30	NA		51	WT G2 B3	354012
33*	NA		52	WT G2 B3	354014
6	NA		53	WT G2 B4	354017
7	NA		54	WT G2 B4	354019
13	NA		55	WT G2 B4	354021
14	NA		56	WT G2 B4	354023
20	NA		57	WT G2 B4	354025
21	NA		58	WT G2 B4	354027
25	NA		59	WT G2 B4	354029
28	NA		60	WT G2 B4	354031
30	NA		61	WT G2 B4	354033
33*	NA		52	WT G2 B4	354014

*Note that B1 Item 33 = B2 Item 33, and that B3 Item 33 = B4 Item 33

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Form B Item Map, Writing

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B RWO Item Number	Form B Module Name	Item ID
Grade Span 2					
1	1		1	WT G3-5 B[1-6]	00241124
2	2		2	WT G3-5 B[1-6]	00241126
3	3		3	WT G3-5 B[1-6]	00241128
4	4		4	WT G3-5 B[1-6]	00241130
5	5		5	WT G3-5 B[1-6]	00241132
6	NA		Field Test Item-See Table Next Page		
7	NA		Field Test Item-See Table Next Page		
8	6		6	WT G3-5 B[1-6]	00241134
9	7		7	WT G3-5 B[1-6]	00241136
10	8		8	WT G3-5 B[1-6]	00241138
11	9		9	WT G3-5 B[1-6]	00241140
12	10		10	WT G3-5 B[1-6]	00241142
13	NA		Field Test Item-See Table Next Page		
14	NA		Field Test Item-See Table Next Page		
15	11		11	WT G3-5 B[1-6]	00241224
16	12		12	WT G3-5 B[1-6]	00241226
17	13		13	WT G3-5 B[1-6]	00241228
18	14		14	WT G3-5 B[1-6]	00241230
19	15		15	WT G3-5 B[1-6]	00241232
20	NA		Field Test Item-See Table Next Page		
21	NA		Field Test Item-See Table Next Page		
22	16		16	WT G3-5 B[1-6]	00241234
23	17		17	WT G3-5 B[1-6]	00241236
24	18		18	WT G3-5 B[1-6]	00241240
25	NA		Field Test Item-See Table Next Page		
26	19		19	WT G3-5 B[1-6]	00241144
27	20		20	WT G3-5 B[1-6]	00241146
28	NA		Field Test Item-See Table Next Page		
29	21		21	WT G3-5 B[1-6]	00241242
30	22		22	WT G3-5 B[1-6]	00241244
31	NA		Field Test Item-See Table Next Page		
32	23		23	WT G3-5 B[1-6]	00241248
33	NA		Field Test Item-See Table Next Page		

Shading indicates Field Test items; see table next page for more detail.

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Form B Field Test Items, Writing

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B RWO Item Number	Form B Module Name	Item ID
Grade Span 2					
6	NA		24	WT G3-5 B1	354179
7	NA		25	WT G3-5 B1	354181
13	NA		26	WT G3-5 B1	354183
14	NA		27	WT G3-5 B1	354185
20	NA		28	WT G3-5 B1	354187
21	NA		29	WT G3-5 B1	354189
25	NA		30	WT G3-5 B1	354191
28	NA		31	WT G3-5 B1	354193
31	NA		32	WT G3-5 B1	354195
33*	NA		33	WT G3-5 B1	354197
6	NA		34	WT G3-5 B2	354200
7	NA		35	WT G3-5 B2	354202
13	NA		36	WT G3-5 B2	354204
14	NA		37	WT G3-5 B2	354206
20	NA		38	WT G3-5 B2	354208
21	NA		39	WT G3-5 B2	354210
25	NA		40	WT G3-5 B2	354212
28	NA		41	WT G3-5 B2	354214
31	NA		42	WT G3-5 B2	354216
33*	NA		33	WT G3-5 B2	354197
6	NA		43	WT G3-5 B3	354218
7	NA		44	WT G3-5 B3	354220
13	NA		45	WT G3-5 B3	354222
14	NA		46	WT G3-5 B3	354224
20	NA		47	WT G3-5 B3	354226
21	NA		48	WT G3-5 B3	354228
25	NA		49	WT G3-5 B3	354230
28	NA		50	WT G3-5 B3	354232
31	NA		51	WT G3-5 B3	354234
33*	NA		52	WT G3-5 B3	354236
6	NA		53	WT G3-5 B4	354239
7	NA		54	WT G3-5 B4	354241
13	NA		55	WT G3-5 B4	354243
14	NA		56	WT G3-5 B4	354245
20	NA		57	WT G3-5 B4	354247
21	NA		58	WT G3-5 B4	354249
25	NA		59	WT G3-5 B4	354251
28	NA		60	WT G3-5 B4	354253
31	NA		61	WT G3-5 B4	354255
33*	NA		52	WT G3-5 B4	354236

*Note that B1 Item 33 = B2 Item 33, and that B3 Item 33 = B4 Item 33

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Form B Item Map, Writing

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B RWO Item Number	Form B Module Name	Item ID
Grade Span 3					
1	1		1	WT G6-8 B[1-6]	00241473
2	2		2	WT G6-8 B[1-6]	00241475
3	3		3	WT G6-8 B[1-6]	00241477
4	4		4	WT G6-8 B[1-6]	00241479
5	5		5	WT G6-8 B[1-6]	00241481
6	NA		Field Test Item-See Table Next Page		
7	NA		Field Test Item-See Table Next Page		
8	6		6	WT G6-8 B[1-6]	00241483
9	7		7	WT G6-8 B[1-6]	00241485
10	8		8	WT G6-8 B[1-6]	00241487
11	9		9	WT G6-8 B[1-6]	00241489
12	10		10	WT G6-8 B[1-6]	00241491
13	NA		Field Test Item-See Table Next Page		
14	NA		Field Test Item-See Table Next Page		
15	11		11	WT G6-8 B[1-6]	00241564
16	12		12	WT G6-8 B[1-6]	00241566
17	13		13	WT G6-8 B[1-6]	00241568
18	14		14	WT G6-8 B[1-6]	00241570
19	15		15	WT G6-8 B[1-6]	00241572
20	NA		Field Test Item-See Table Next Page		
21	NA		Field Test Item-See Table Next Page		
22	16		16	WT G6-8 B[1-6]	00241574
23	17		17	WT G6-8 B[1-6]	00241578
24	18		18	WT G6-8 B[1-6]	00241582
25	NA		Field Test Item-See Table Next Page		
26	19		19	WT G6-8 B[1-6]	00241497
27	20		20	WT G6-8 B[1-6]	00241584
28	NA		Field Test Item-See Table Next Page		
29	21		21	WT G6-8 B[1-6]	00241499
30	22		22	WT G6-8 B[1-6]	00241586
31	NA		Field Test Item-See Table Next Page		
32	23		23	WT G6-8 B[1-6]	354647
33	NA		Field Test Item-See Table Next Page		

Shading indicates Field Test items; see table next page for more detail.

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Form B Field Test Items, Writing

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B RWO Item Number	Form B Module Name	Item ID
Grade Span 3					
6	NA		24	WT G6-8 B1	354629
7	NA		25	WT G6-8 B1	354631
13	NA		26	WT G6-8 B1	354633
14	NA		27	WT G6-8 B1	354635
20	NA		28	WT G6-8 B1	354637
21	NA		29	WT G6-8 B1	354639
25	NA		30	WT G6-8 B1	354641
28	NA		31	WT G6-8 B1	354643
31	NA		32	WT G6-8 B1	354645
33**	NA		33	WT G6-8 B1	354649
6	NA		34	WT G6-8 B2	354651
7	NA		35	WT G6-8 B2	354653
13	NA		36	WT G6-8 B2	354655
14	NA		37	WT G6-8 B2	354657
20	NA		38	WT G6-8 B2	354659
21	NA		39	WT G6-8 B2	354661
25	NA		40	WT G6-8 B2	354663
28	NA		41	WT G6-8 B2	354665
31	NA		42	WT G6-8 B2	354667
33**	NA		33	WT G6-8 B2	354649
6	NA		43	WT G6-8 B3	354673
7	NA		44	WT G6-8 B3	354675
13	NA		45	WT G6-8 B3	354677
14	NA		46	WT G6-8 B3	354679
20	NA		47	WT G6-8 B3	354681
21	NA		48	WT G6-8 B3	354683
25	NA		49	WT G6-8 B3	354685
28	NA		50	WT G6-8 B3	354687
31	NA		51	WT G6-8 B3	354689
33**	NA		52	WT G6-8 B3	354693
6	NA		53	WT G6-8 B4	354695
7	NA		54	WT G6-8 B4	354697
13	NA		55	WT G6-8 B4	354699
14	NA		56	WT G6-8 B4	354701
20	NA		57	WT G6-8 B4	354703
21	NA		58	WT G6-8 B4	354705
25	NA		59	WT G6-8 B4	354707
28	NA		60	WT G6-8 B4	354709
31	NA		61	WT G6-8 B4	354711
33**	NA		52	WT G6-8 B4	354693

**Note that B1 Item 33 = B2 Item 33, and that B3 Item 33 = B4 Item 33

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Form B Item Map, Writing

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B RWO Item Number	Form B Module Name	Item ID
Grade Span 4					
1	1		1	WT G9-12 B[1-6]	00241822
2	2		2	WT G9-12 B[1-6]	00241826
3	3		3	WT G9-12 B[1-6]	00241828
4	4		4	WT G9-12 B[1-6]	00241830
5	5		5	WT G9-12 B[1-6]	00241832
6	NA		Field Test Item-See Table Next Page		
7	NA		Field Test Item-See Table Next Page		
8	6		6	WT G9-12 B[1-6]	00241834
9	7		7	WT G9-12 B[1-6]	00241836
10	8		8	WT G9-12 B[1-6]	00241838
11	9		9	WT G9-12 B[1-6]	00241840
12	10		10	WT G9-12 B[1-6]	00241842
13	NA		Field Test Item-See Table Next Page		
14	NA		Field Test Item-See Table Next Page		
15	11		11	WT G9-12 B[1-6]	00241922
16	12		12	WT G9-12 B[1-6]	354051
17	13		13	WT G9-12 B[1-6]	00241926
18	14		14	WT G9-12 B[1-6]	00241928
19	15		15	WT G9-12 B[1-6]	00241932
20	NA		Field Test Item-See Table Next Page		
21	NA		Field Test Item-See Table Next Page		
22	16		16	WT G9-12 B[1-6]	00241936
23	17		17	WT G9-12 B[1-6]	00241938
24	18		18	WT G9-12 B[1-6]	00241942
25	NA		Field Test Item-See Table Next Page		
26	19		19	WT G9-12 B[1-6]	00241844
27	20		20	WT G9-12 B[1-6]	00241850
28	NA		Field Test Item-See Table Next Page		
29	21		21	WT G9-12 B[1-6]	00241944
30	22		22	WT G9-12 B[1-6]	00241948
31	NA		Field Test Item-See Table Next Page		
32	23		23	WT G9-12 B[1-6]	354063
33	NA		Field Test Item-See Table Next Page		

Shading indicates Field Test items; see table next page for more detail.

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Form B Field Test Items, Writing

Forms B1-B4 Book Item Number	Form B5 Book Item Number	Form B6 Book Item Number	Form B RWO Item Number	Form B Module Name	Item ID
Grade Span 4					
6	NA		24	WT G9-12 B1	354043
7	NA		25	WT G9-12 B1	354045
13	NA		26	WT G9-12 B1	354047
14	NA		27	WT G9-12 B1	354049
20	NA		28	WT G9-12 B1	354053
21	NA		29	WT G9-12 B1	354055
25	NA		30	WT G9-12 B1	354057
28	NA		31	WT G9-12 B1	354059
31	NA		32	WT G9-12 B1	354061
33**	NA		33	WT G9-12 B1	354065
6	NA		34	WT G9-12 B2	354068
7	NA		35	WT G9-12 B2	354070
13	NA		36	WT G9-12 B2	354072
14	NA		37	WT G9-12 B2	354074
20	NA		38	WT G9-12 B2	354078
21	NA		39	WT G9-12 B2	354080
25	NA		40	WT G9-12 B2	354082
28	NA		41	WT G9-12 B2	354084
31	NA		42	WT G9-12 B2	354086
33**	NA		33	WT G9-12 B2	354065
6	NA		43	WT G9-12 B3	354091
7	NA		44	WT G9-12 B3	354093
13	NA		45	WT G9-12 B3	354095
14	NA		46	WT G9-12 B3	354097
20	NA		47	WT G9-12 B3	354101
21	NA		48	WT G9-12 B3	354103
25	NA		49	WT G9-12 B3	354105
28	NA		50	WT G9-12 B3	354107
31	NA		51	WT G9-12 B3	354109
33**	NA		52	WT G9-12 B3	354113
6	NA		53	WT G9-12 B4	354117
7	NA		54	WT G9-12 B4	354119
13	NA		55	WT G9-12 B4	354121
14	NA		56	WT G9-12 B4	354123
20	NA		57	WT G9-12 B4	354127
21	NA		58	WT G9-12 B4	354129
25	NA		59	WT G9-12 B4	354131
28	NA		60	WT G9-12 B4	354133
31	NA		61	WT G9-12 B4	354135
33**	NA		52	WT G9-12 B4	354113

**Note that B1 Item 33 = B2 Item 33, and that B3 Item 33 = B4 Item 33

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Appendix I Item Selection Specifications for the 2002 CELDT Operational Test

Specifications for Construction of CELDT Operational Form B

This document applies specifically to the Listening & Speaking sub-skill area; the Reading and Writing sub-skill areas will have some new item selections for the CELDT 2003-2004 test. The construction of one operational form, Form B, for the California Assessment of English Language Development requires fulfillment of content (sub-skill) category quotas, as well as statistical/psychometric requirements specified below. Test validity requires that content coverage adhere to test blueprints, therefore, your content coverage must be approved prior to submission.

Selecting items from the Fall 2001 Field Test Pool:

Item Statistics	**Criterion**
Information	Avoid low Info items
Location	Should span the scale, but need a little bit more items with location between 400 and 500.
Proportion of Maximum Score (p-max)	Between .30 and .90
Item-Total Correlations or Point Biserial correlations	>.15
Fit	Minimize the number of poor-fitting items
DIF (Bias)	Avoid items with Bias flag (e.g., “against” or “for” Female)

Form Selection Considerations

The basic method is to view the TCC curves and the SE curves of Operational Form B using ITEM2PC (or ItemWin) and to compare the curves with Operational Form A. It is recommended that Form A items (i.e., Item 1 through Item 45, if Story Retelling will not be included in Form B) used as the Reference Set. The SE curves should bottomed out between 400 and 500, if possible. NC to SS tables, using FINAL2PC (or WinSum?), should be examined and submitted to Research.

Material Submission to Research

Please provide the following material to the Research Monitor, along with the completed submission

1. **A cover sheet** including the following information: 1) your name, 2) date of the selection, 3) L&S Level, 4) CELDT L&S Test Map, 5) tables of Strand (or Objective) and item type representation for your Form B selection, and 6) a signature of approval from a Content Lead.

2. Identification of any **items with misfit, Bias flags**

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3. A listing of the items in the forms, sorted in order of **Item**.
4. A listing of the items in the forms, sorted in order of **ascending Location**.
5. A listing of the items in the forms, sorted in order of **Information**.
6. A listing of the items in the forms, sorted in order of **Objectives**.
7. **Plots of TCC and SE curves.**
8. **Summary report** from FINAL2PC (or WinSum).
9. Electronic copy of the item selections on floppy disk or through e-mail, and name of .SEL, .WRK, and .SUM files. **PLEASE IDENTIFY WHICH CATEGORY CORRESPONDS TO YOUR FORM B**

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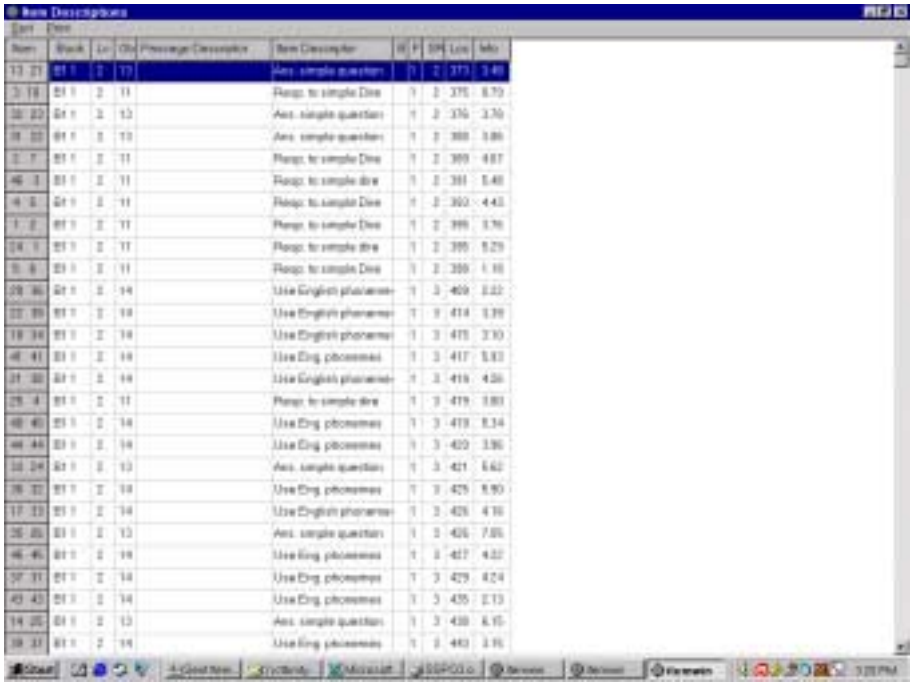
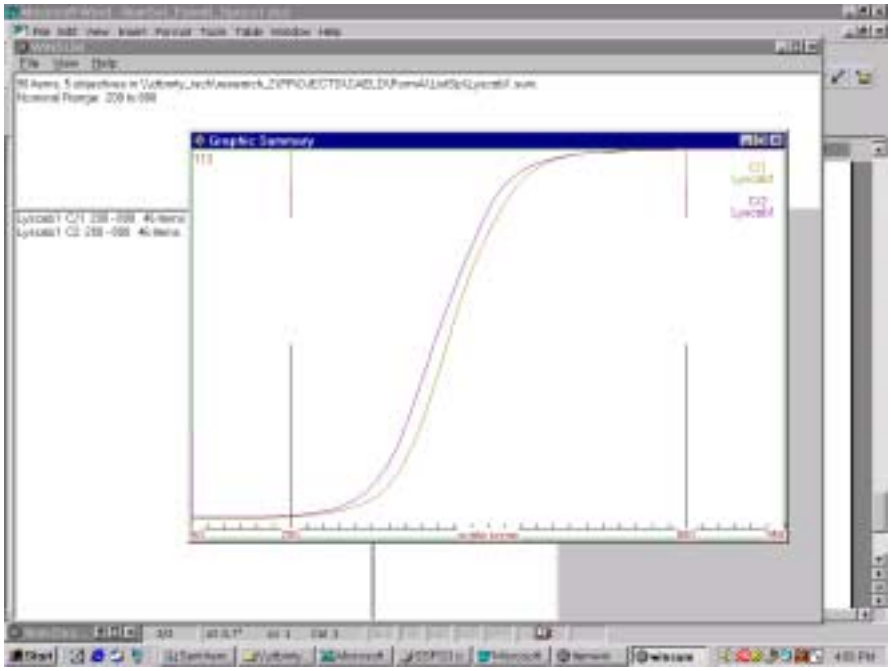
Sample Outputs

1) List of Items



2) TCC



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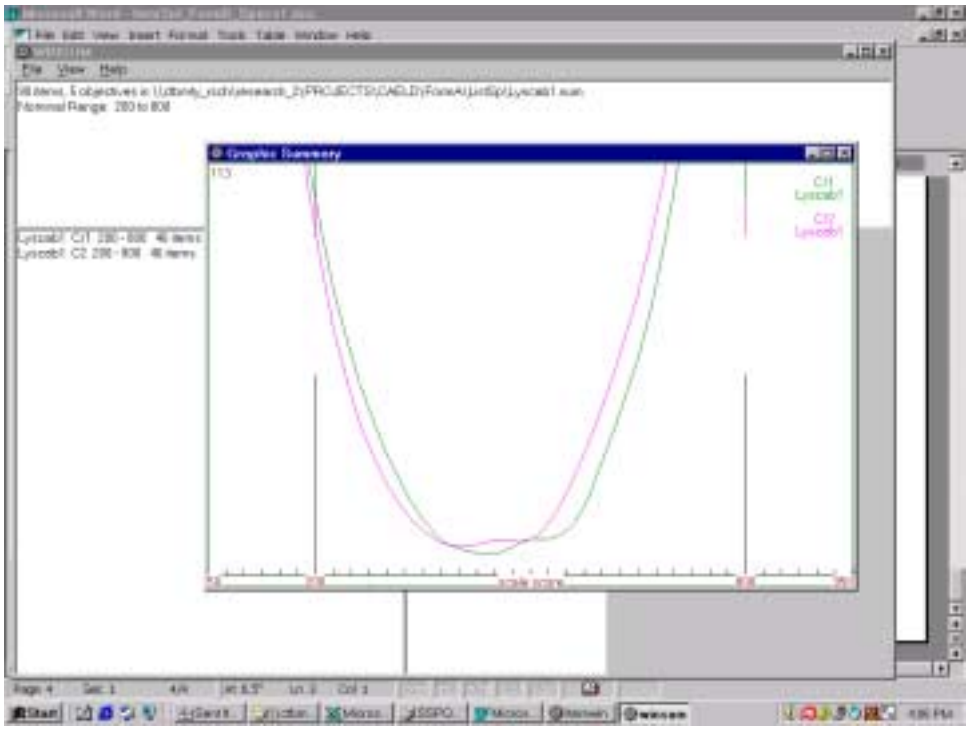
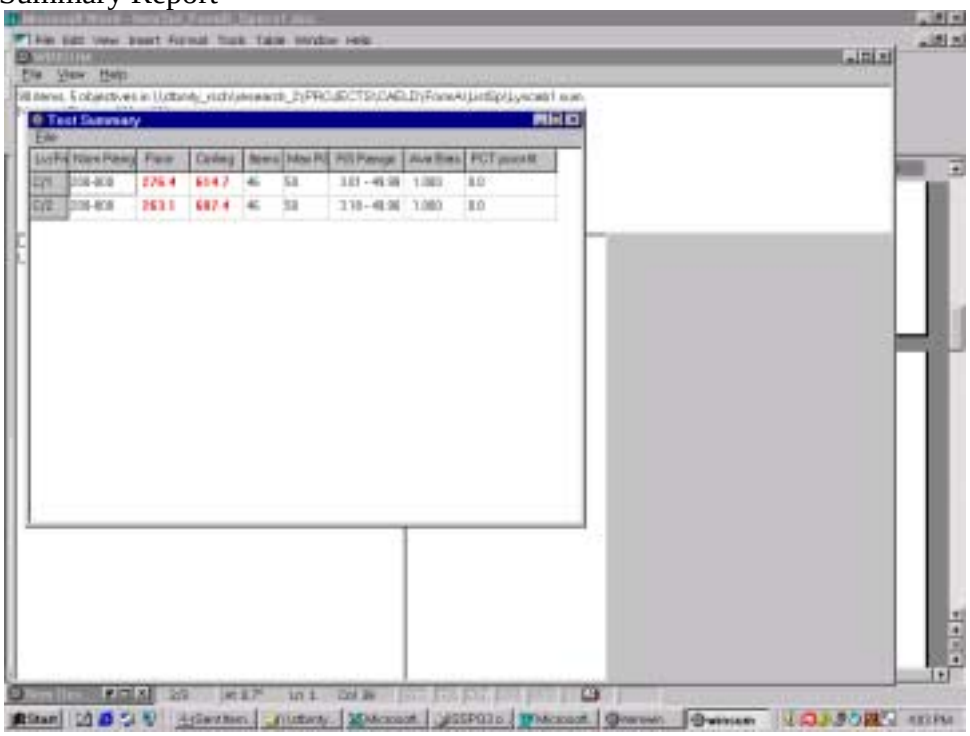
3) SE



4) Summary Report



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Form B Test Blueprints

California English Language Development Test (CELDT)
Form B Test Map Grade K – 1

SUBJECT	STRAND	Item N°	Number of Items	Total Score Points			Total Test Points	Total Test Percent
				Selected-Response	Dichotomous Open Ended	Extended-Response		
LISTENING AND SPEAKING	Following Oral Directions	1–10	10		10		10	14
	Phonemic Control	11–25	15		15		15	21
	Oral Vocabulary	26–35	10		10		10	14
	Phonemic Awareness	36–45	10	10			10	14
	Story Retelling	46	1			25	25	36
	TOTALS		**46**	**10**	**35**	**25**	**70**	**100**

Form B Test Map Grade 2 (Forms B1 – B4)

SUBJECT	STRAND	Item N°	Number of Items	Total Score Points			Total Test Points	Total Test Percent
				Selected-Response	Dichotomous Open Ended	Extended-Response		
LISTENING AND SPEAKING	Following Oral Directions	1–10	10		10		10	14
	Phonemic Control	11–25	15		15		15	21
	Oral Vocabulary	26–35	10		10		10	14
	Phonemic Awareness	36–45	10	10			10	14
	Story Retelling	46	1			25	25	36
	TOTALS		**46**	**10**	**35**	**25**	**70**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
READING	Word Analysis	1–4, 6–13	12	12	34	0	0	12	12	24
	Fluency and Vocabulary	5, 14–21, 23, 25, 27	12	12	34	16	16	28	28	55
	Reading Comprehension and Literary Analysis	29–39	11	11	31	0	0	11	11	22
	TOTALS		**35**	**35**	**100**	**16**	**16**	**51**	**51**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
WRITING	Grammar and Structure	1–5, 8–12, 15–19, 22–24	18	18	51	28	28	46	46	48
	Writing Sentences	26–27, 29, 31	4	12	34	8	24	12	36	38
	Write Short Composition	32	1	5	14	2	8	3	13	14
	TOTALS		**23**	**35**	**100**	**38**	**60**	**61**	**95**	**100**

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California English Language Development Test (CELDT)

Form B Test Map Grades 3–5 (Forms B1 - B4)

SUBJECT	STRAND	Item N°	Number of Items	Total Score Points			Total Test Points	Total Test Percent
				Selected-Response	Dichotomous Open Ended	Extended-Response		
LISTENING AND SPEAKING	Following Oral Directions	1–10	10		10		10	14
	Phonemic Control	11–25	15		15		15	21
	Oral Vocabulary	26–35	10	10			10	14
	Phonemic Awareness	36–45	10		10		10	14
	Story Retelling	46	1			25	25	36
	TOTALS		**46**	**10**	**35**	**25**	**70**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
READING	Word Analysis	1–7	7	7	20	0	0	7	7	14
	Fluency and Vocabulary	8–21	14	14	40	16	16	30	30	59
	Reading Comprehension and Literary Analysis	22–35	14	14	40	0	0	14	14	27
	TOTALS		**35**	**35**	**100**	**16**	**16**	**51**	**51**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
WRITING	Grammar and Structure	1–5, 8–12, 15–19, 22–24	18	18	51	28	28	46	46	48
	Writing Sentences	26–27, 29–30	4	12	34	8	24	12	36	38
	Write Short Composition	32	1	5	14	2	8	3	13	14
	TOTALS		**23**	**35**	**100**	**38**	**60**	**61**	**95**	**100**

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California English Language Development Test (CELDT)

Form B Test Map Grades 3–5 (Forms B5 – B6)

SUBJECT	STRAND	Item N°	Number of Items	Total Score Points			Total Test Points	Total Test Percent
				Selected-Response	Dichotomous Open Ended	Extended-Response		
LISTENING AND SPEAKING	Following Oral Directions	1–10	10		10		10	14
	Phonemic Control	11–25	15		15		15	21
	Oral Vocabulary	26–35	10	10			10	14
	Phonemic Awareness	36–45	10		10		10	14
	Story Retelling	46	1			25	25	36
	TOTALS		**46**	**10**	**35**	**25**	**70**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
READING	Word Analysis	1–7	7	7	20	0	0	7	7	14
	Fluency and Vocabulary	8–13, 16, 19, 22, 25, 28, 30–31, 34	14	14	40	16	16	30	30	59
	Reading Comprehension and Literary Analysis	38–51	14	14	40	0	0	14	14	27
	TOTALS		**35**	**35**	**100**	**16**	**16**	**51**	**51**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
WRITING	Grammar and Structure	1–18	18	18	51	28	28	46	46	48
	Writing Sentences	19–22	4	12	34	8	24	12	36	38
	Write Short Composition	23	1	5	14	2	8	3	13	14
	TOTALS		**23**	**35**	**100**	**38**	**60**	**61**	**95**	**100**

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California English Language Development Test (CELDT)

Form B Test Map / Grades 6–8 (Forms B1 – B4)

SUBJECT	STRAND	Item N°	Number of Items	Total Score Points			Total Test Points	Total Test Percent
				Selected-Response	Dichotomous Open Ended	Extended-Response		
LISTENING AND SPEAKING	Following Oral Directions	1–10	10		10		10	14
	Phonemic Control	11–25	15		15		15	21
	Oral Vocabulary	26–35	10		10		10	14
	Phonemic Awareness	36–45	10	10			10	14
	Story Retelling	46	1			25	25	36
	TOTALS		**46**	**10**	**35**	**25**	**70**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
READING	Word Analysis	1–6	6	6	17	0	0	6	6	12
	Fluency and Vocabulary	7–23	17	17	49	16	16	33	33	65
	Reading Comprehension and Literary Analysis	24–35	12	12	34	0	0	12	12	24
	TOTALS		**35**	**35**	**100**	**16**	**16**	**51**	**51**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
WRITING	Grammar and Structure	1–5, 8–12, 15–19, 22–24	18	18	51	28	28	46	46	48
	Writing Sentences	26–27, 29–30	4	12	34	8	24	12	36	38
	Write Short Composition	32	1	5	14	2	8	3	13	14
	TOTALS		**23**	**35**	**100**	**38**	**60**	**61**	**95**	**100**

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California English Language Development Test (CELDT)

Form B Test Map Grades 6–8 (Forms B5 – B6)

SUBJECT	STRAND	Item N°	Number of Items	Total Score Points			Total Test Points	Total Test Percent
				Selected-Response	Dichotomous Open Ended	Extended-Response		
LISTENING AND SPEAKING	Following Oral Directions	1–10	10		10		10	14
	Phonemic Control	11–25	15		15		15	21
	Oral Vocabulary	26–35	10		10		10	14
	Phonemic Awareness	36–45	10	10			10	14
	Story Retelling	46	1			25	25	36
	TOTALS		**46**	**10**	**35**	**25**	**70**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
READING	Word Analysis	1 - 6	6	6	17	0	0	6	6	12
	Fluency and Vocabulary B5	7–14, 17, 20, 23, 26–27, 30, 33, 36, 39	17	17	49	16	16	33	33	65
	Fluency and Vocabulary B6	7, 10, 13, 16, 19–20, 23, 26, 29, 32–39								
	Reading Comprehension and Literary Analysis	40–51	12	12	34	0	0	12	12	24
	TOTALS		**35**	**35**	**100**	**16**	**16**	**51**	**51**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
WRITING	Grammar and Structure	1–18	18	18	51	28	28	46	46	48
	Writing Sentences	19–22	4	12	34	8	24	12	36	38
	Write Short Composition	23	1	5	14	2	8	3	13	14
	TOTALS		**23**	**35**	**100**	**38**	**60**	**61**	**95**	**100**

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Form B Test Map Grades 9–12 (Forms B1 – B4)

SUBJECT	STRAND	Item N°	Number of Items	Total Score Points			Total Test Points	Total Test Percent
				Selected-Response	Dichotomous Open Ended	Extended-Response		
LISTENING AND SPEAKING	Following Oral Directions	1 – 10	10		10		10	14
	Phonemic Control	11–25	15		15		15	21
	Oral Vocabulary	26–35	10		10		10	14
	Phonemic Awareness	36–45	10	10			10	14
	Story Retelling	46	1			25	25	36
	TOTALS		**46**	**10**	**35**	**25**	**70**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
READING	Word Analysis	1–4	4	4	11	0	0	4	4	8
	Fluency and Vocabulary	5–19	15	15	43	16	16	31	31	61
	Reading Comprehension and Literary Analysis	20–35	16	16	46	0	0	16	16	31
	TOTALS		**35**	**35**	**100**	**16**	**16**	**51**	**51**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
WRITING	Grammar and Structure	1–5, 8–12, 15–19, 22–24	18	18	51	28	28	46	46	48
	Writing Sentences	26–27, 29–30	4	12	34	8	24	12	36	38
	Write Short Composition	32	1	5	14	2	8	3	13	14
	TOTALS		**23**	**35**	**100**	**38**	**60**	**61**	**95**	**100**

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Form B Test Map Grades 9–12 (Forms B5 – B6)

SUBJECT	STRAND	Item N°	Number of Items	Total Score Points			Total Test Points	Total Test Percent
				Selected-Response	Dichotomous Open Ended	Extended-Response		
LISTENING AND SPEAKING	Following Oral Directions	1–10	10		10		10	14
	Phonemic Control	11–25	15		15		15	21
	Oral Vocabulary	26–35	10		10		10	14
	Phonemic Awareness	36–45	10	10			10	14
	Story Retelling	46	1			25	25	36
	TOTALS		**46**	**10**	**35**	**25**	**70**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
READING	Word Analysis	1–4	4	4	11	0	0	4	4	8
	Fluency and Vocabulary	5, 8, 11, 14, 17, 20, 23, 26, 29–35	15	15	43	16	16	31	31	61
	Reading Comprehension and Literary Analysis	36–51	16	16	46	0	0	16	16	31
	TOTALS		**35**	**35**	**100**	**16**	**16**	**51**	**51**	**100**

SUBJECT	STRAND	Operational				Field Test		Total Form B		
		Item N°	Number of Items	Number Score Points	Percent	Number of Items	Number Score Points	Number of Items	Number Score Points	Percent
WRITING	Grammar and Structure	1–18	18	18	51	28	28	46	46	48
	Writing Sentences	19–22	4	12	34	8	24	12	36	38
	Write Short Composition	23	1	5	14	2	8	3	13	14
	TOTALS		**23**	**35**	**100**	**38**	**60**	**61**	**95**	**100**

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