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**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.





# 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<sup>1</sup>). 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

<sup>1</sup> Writing B1 Item 33 is the same item as B2 Item 33, and B3 Item 33 is the same as B4 Item 33.

- 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 Sentences* 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 ( $45 \times 1 + 1 \times 5 \times 5$ ) 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 ( $35 \times 1$ ) 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 ( $18 \times 1 + 4 \times 3 + 1 \times 5$ ) 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.

**Table 1** CELDT Form B Test Structure

Operational Form B <b>without</b> 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
<b>K-1</b> <b>1 form</b>	1scannable test book	Listening/Speaking	35	DCR	0
			10	MC	
			1	CR	
Operational Form B with Embedded <b>Reading</b> and <b>Writing</b> 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
<b>Grade 2</b> <b>4 forms</b> <b>(B1-B4)</b>	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 <b>Writing</b> 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
<b>3-5</b> <b>4 forms</b> <b>(B1-B4)</b>	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	
<b>6-8</b> <b>4 forms</b> <b>(B1-B4)</b>	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	
<b>9-12</b> <b>4 forms</b> <b>(B1-B4)</b>	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  
 (table continued, next page)

SA-CR = Short Answer – Constructed Response  
 EW-CR = Extended Writing – Constructed Response

**Table 1** CELDT Form B Test Structure (continued)

Operational Form B with Embedded <b>Reading</b> 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
<b>3-5</b> <b>2 forms</b> <b>(B5-B6)</b>	2 nonscannable test books	Listening/Speaking	35	DCR	0
			10	MC	
			1	CR	
		Reading	35	MC	16
<b>6-8</b> <b>2 forms</b> <b>(B5-B6)</b>	2 nonscannable test books	Listening/Speaking	35	DCR	0
			10	MC	
			1	CR	
		Reading	35	MC	16
<b>9-12</b> <b>2 forms</b> <b>(B5-B6)</b>	2 nonscannable test books	Listening/Speaking	35	DCR	0
			10	MC	
			1	CR	
		Reading	35	MC	16
		Writing	18	MC	0
			4	SA-CR	
			1	EW-CR	

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.

**Table 3** CELDT Cutscores

Listening & Speaking

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

Reading

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

Writing

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

Overall

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

## 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.<sup>2</sup> 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 1<sup>st</sup>, 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.

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<sup>2</sup> 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.

**Table 5** 2002 Summary Statistics by Grade, Annual Data

Grade	N	Listening/Speaking		Reading		Writing		Overall	
		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

Grade Span	N	Listening/Speaking		Reading		Writing		Overall	
		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

**Table 7** 2002 Summary Statistics by Grade, Initial Data

Grade	N	Listening/Speaking		Reading		Writing		Overall	
		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

Grade Span	N	Listening/Speaking		Reading		Writing		Overall	
		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.



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  $\alpha$  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.

## 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  $\theta$  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  $\theta$  having a score at the  $k$ -th level of the  $j$ -th item is

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

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

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

where  $\alpha_j$  and  $\gamma_{ji}$  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  $\gamma_{ji}$  parameters and one  $\alpha_j$  parameter.

## 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  $(N/1500 \times 4)$  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 ( $Q_1$ ) 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.

## 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.

## **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.

## 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.



**Table 11** CELDT Cohort Scale Score Differences, 2002 – 2001

<b>Grade</b>	<b>L/S</b>	<b>Reading</b>	<b>Writing</b>	<b>Total</b>
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.

<b>Grade</b>	<b>L/S</b>	<b>Reading</b>	<b>Writing</b>	<b>Total</b>
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.



**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.

**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.

**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

Grade	2001		2002		2001		2002	
	L/S		Reading	Writing	Reading	Writing	Total	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.

**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

Grade	L/S		Reading		Writing		Total	
	2002	2001	2002	2001	2002	2001	2002	2001
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	Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	6249	1.90	6249	1.90	502	13472	4.10	148960	45.28
283	273	0.08	6522	1.98	506	14411	4.38	163371	49.66
321	295	0.09	6817	2.07	510	15564	4.73	178935	54.39
340	287	0.09	7104	2.16	515	16619	5.05	195554	59.44
352	305	0.09	7409	2.25	520	18962	5.76	214516	65.21
361	400	0.12	7809	2.37	522	1	0.00	214517	65.21
369	306	0.09	8115	2.47	523	1	0.00	214518	65.21
375	341	0.10	8456	2.57	525	1729	0.53	216247	65.73
380	370	0.11	8826	2.68	526	17862	5.43	234109	71.16
385	413	0.13	9239	2.81	529	2	0.00	234111	71.16
389	451	0.14	9690	2.95	530	1484	0.45	235595	71.62
393	561	0.17	10251	3.12	533	16449	5.00	252044	76.62
397	610	0.19	10861	3.30	534	1	0.00	252045	76.62
400	614	0.19	11475	3.49	535	1215	0.37	253260	76.99
403	728	0.22	12203	3.71	538	1	0.00	253261	76.99
406	755	0.23	12958	3.94	539	3	0.00	253264	76.99
409	809	0.25	13767	4.18	540	14524	4.41	267788	81.40
412	963	0.29	14730	4.48	541	1076	0.33	268864	81.73
414	1001	0.30	15731	4.78	543	1	0.00	268865	81.73
417	1033	0.31	16764	5.10	548	12297	3.74	281162	85.47
419	1128	0.34	17892	5.44	555	626	0.19	281788	85.66
422	1177	0.36	19069	5.80	557	9237	2.81	291025	88.47
424	1293	0.39	20362	6.19	562	557	0.17	291582	88.63
427	1293	0.39	21655	6.58	565	1	0.00	291583	88.63
429	1418	0.43	23073	7.01	567	7660	2.33	299243	90.96
432	1584	0.48	24657	7.50	570	1	0.00	299244	90.96
434	1766	0.54	26423	8.03	571	476	0.14	299720	91.11
436	1890	0.57	28313	8.61	578	6750	2.05	306470	93.16
439	2035	0.62	30348	9.23	581	324	0.10	306794	93.26
441	2140	0.65	32488	9.88	590	6580	2.00	313374	95.26
444	2396	0.73	34884	10.60	593	141	0.04	313515	95.30
446	2620	0.80	37504	11.40	599	1	0.00	313516	95.30
449	2905	0.88	40409	12.28	604	5517	1.68	319033	96.98
452	3145	0.96	43554	13.24	607	58	0.02	319091	97.00
455	3421	1.04	46975	14.28	619	3703	1.13	322794	98.12
458	4058	1.23	51033	15.51	624	64	0.02	322858	98.14
461	4293	1.30	55326	16.82	637	2160	0.66	325018	98.80
464	4890	1.49	60216	18.30	647	54	0.02	325072	98.81
467	5346	1.63	65562	19.93	650	1	0.00	325073	98.82
470	5905	1.79	71467	21.72	656	846	0.26	325919	99.07
474	6598	2.01	78065	23.73	677	1	0.00	325920	99.07
477	7256	2.21	85321	25.94	680	939	0.29	326859	99.36
481	8010	2.43	93331	28.37	681	55	0.02	326914	99.37
485	8885	2.70	102216	31.07	686	1	0.00	326915	99.38
489	9828	2.99	112044	34.06	697	1	0.00	326916	99.38
493	11191	3.40	123235	37.46	710	2055	0.62	328971	100.00
497	12253	3.72	135488	41.19					

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

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



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

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

(Continues...)

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

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

(Continues...)

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

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

(Continues...)

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

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

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

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

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

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

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

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

(Continues...)



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

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

(Continues...)

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

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

(Continues...)

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

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

(Continues...)

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

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

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

(Continues...)

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

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

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

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

(Continues...)



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

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

(Continues...)

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

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

(Continues...)

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

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

(Continues...)

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

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

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

(Continues...)

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

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

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

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

(Continues...)



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

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

(Continues...)

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

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

(Continues...)

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

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

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

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	37059	12.89	37059	12.89	506	6913	2.40	220150	76.56
283	1421	0.49	38480	13.38	510	6656	2.31	226806	78.87
321	1847	0.64	40327	14.02	515	6648	2.31	233454	81.18
340	1372	0.48	41699	14.50	520	6853	2.38	240307	83.57
352	1653	0.57	43352	15.08	526	6450	2.24	246757	85.81
361	1874	0.65	45226	15.73	533	5914	2.06	252671	87.87
369	1655	0.58	46881	16.30	540	5331	1.85	258002	89.72
375	1687	0.59	48568	16.89	548	4658	1.62	262660	91.34
380	1783	0.62	50351	17.51	557	4076	1.42	266736	92.76
385	2014	0.70	52365	18.21	567	3704	1.29	270440	94.05
389	2190	0.76	54555	18.97	578	3448	1.20	273888	95.25
393	2373	0.83	56928	19.80	590	3416	1.19	277304	96.43
397	2605	0.91	59533	20.70	604	3026	1.05	280330	97.49
400	2654	0.92	62187	21.63	619	2323	0.81	282653	98.29
403	2890	1.01	65077	22.63	637	1489	0.52	284142	98.81
406	3002	1.04	68079	23.67	656	607	0.21	284749	99.02
409	3144	1.09	71223	24.77	680	705	0.25	285454	99.27
412	3127	1.09	74350	25.86	710	2107	0.73	287561	100.00
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					

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

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

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

(Continues...)

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

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

(Continues...)

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

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

(Continues...)



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

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

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

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	12495	18.23	12495	18.23	477	1185	1.73	30090	43.90
265	66	0.10	12561	18.33	482	1334	1.95	31424	45.84
296	160	0.23	12721	18.56	487	1568	2.29	32992	48.13
313	148	0.22	12869	18.77	492	1857	2.71	34849	50.84
324	170	0.25	13039	19.02	498	2153	3.14	37002	53.98
333	197	0.29	13236	19.31	504	2402	3.50	39404	57.49
340	242	0.35	13478	19.66	511	2768	4.04	42172	61.52
346	276	0.40	13754	20.07	519	2978	4.34	45150	65.87
351	311	0.45	14065	20.52	528	2968	4.33	48118	70.20
356	350	0.51	14415	21.03	538	2446	3.57	50564	73.77
360	341	0.50	14756	21.53	549	1612	2.35	52176	76.12
364	367	0.54	15123	22.06	562	2337	3.41	54513	79.53
368	373	0.54	15496	22.61	577	3060	4.46	57573	83.99
372	264	0.39	15760	22.99	594	3643	5.31	61216	89.31
375	275	0.40	16035	23.39	613	3298	4.81	64514	94.12
378	257	0.37	16292	23.77	636	258	0.38	64772	94.50
381	275	0.40	16567	24.17	663	409	0.60	65181	95.09
384	279	0.41	16846	24.58	698	741	1.08	65922	96.17
387	269	0.39	17115	24.97	710	2623	3.83	68545	100.00
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					

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

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

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

(Continues...)

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

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

(Continues...)

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

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

(Continues...)

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

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

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

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	10600	17.76	10600	17.76	496	1221	2.05	29011	48.61
266	157	0.26	10757	18.02	500	1350	2.26	30361	50.87
314	146	0.24	10903	18.27	505	1491	2.50	31852	53.37
334	122	0.20	11025	18.47	510	1562	2.62	33414	55.99
347	177	0.30	11202	18.77	516	1848	3.10	35262	59.09
356	183	0.31	11385	19.08	522	1959	3.28	37221	62.37
363	206	0.35	11591	19.42	528	2131	3.57	39352	65.94
369	229	0.38	11820	19.81	536	2006	3.36	41358	69.30
375	265	0.44	12085	20.25	544	2120	3.55	43478	72.85
379	239	0.40	12324	20.65	554	1565	2.62	45043	75.48
384	242	0.41	12566	21.06	565	2008	3.36	47051	78.84
388	305	0.51	12871	21.57	578	2538	4.25	49589	83.09
391	193	0.32	13064	21.89	595	2861	4.79	52450	87.89
395	204	0.34	13268	22.23	616	2874	4.82	55324	92.70
398	214	0.36	13482	22.59	642	291	0.49	55615	93.19
401	225	0.38	13707	22.97	675	458	0.77	56073	93.96
404	254	0.43	13961	23.39	710	3606	6.04	59679	100.00
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					



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

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

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

(Continues...)

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

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

(Continues...)

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

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

(Continues...)

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

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

(Continues...)

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

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

Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Scale Score	Frequency	Percent	Cumulative Frequency	Cumulative Percent
220	10796	15.95	10796	15.95	493	1145	1.69	30499	45.05
294	61	0.09	10857	16.04	496	1222	1.80	31721	46.85
328	38	0.06	10895	16.09	500	1390	2.05	33111	48.90
345	122	0.18	11017	16.27	504	1599	2.36	34710	51.27
356	88	0.13	11105	16.40	508	1766	2.61	36476	53.87
365	71	0.10	11176	16.51	512	1859	2.75	38335	56.62
372	118	0.17	11294	16.68	516	2090	3.09	40425	59.71
378	123	0.18	11417	16.86	521	2192	3.24	42617	62.94
383	166	0.25	11583	17.11	527	2438	3.60	45055	66.54
387	178	0.26	11761	17.37	533	2253	3.33	47308	69.87
391	215	0.32	11976	17.69	540	2054	3.03	49362	72.91
395	199	0.29	12175	17.98	547	2351	3.47	51713	76.38
398	246	0.36	12421	18.35	555	2891	4.27	54604	80.65
401	269	0.40	12690	18.74	565	3239	4.78	57843	85.43
404	210	0.31	12900	19.05	575	3094	4.57	60937	90.00
407	211	0.31	13111	19.36	588	1299	1.92	62236	91.92
410	272	0.40	13383	19.77	602	611	0.90	62847	92.82
413	297	0.44	13680	20.20	620	964	1.42	63811	94.25
415	327	0.48	14007	20.69	644	1330	1.96	65141	96.21
418	348	0.51	14355	21.20	682	1624	2.40	66765	98.61
420	360	0.53	14715	21.73	710	942	1.39	67707	100.00
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					

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



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

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

(Continues...)

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

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

(Continues...)

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

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

(Continues...)

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

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

**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

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

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

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



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.

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

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

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

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

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

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

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.



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

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

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

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

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.

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

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

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



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

**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

**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

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.

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

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

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.

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.



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.

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.

**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
<b>Sum</b>	<b>8.38</b>	<b>6.30</b>	<b>4.71</b>	<b>-0.16</b>
<b>Avg</b>	<b>0.19</b>	<b>0.14</b>	<b>0.10</b>	<b>0.00</b>

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

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

Operational Item Number	Reading			
	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
<b>Sum</b>	<b>3.44</b>	<b>4.81</b>	<b>3.23</b>	<b>3.93</b>
<b>Avg</b>	<b>0.10</b>	<b>0.14</b>	<b>0.09</b>	<b>0.11</b>

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
<b>Sum</b>	<b>1.70</b>	<b>2.91</b>	<b>2.74</b>	<b>2.34</b>
<b>Avg</b>	<b>0.09</b>	<b>0.16</b>	<b>0.15</b>	<b>0.13</b>



**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

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Listening/Speaking, Annual Data, Grade Span 2

Operational		Parameters					
Item Number*	Model**	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.



Listening/Speaking, Annual Data, Grade Span 3

Operational		Parameters					
Item Number*	Model**	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		Parameters					
Item Number*	Model**	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

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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

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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

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\*\*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.

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.

\*\*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.

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

\*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.

Writing, Annual Data, Grade Span 1

Operational		Parameters					
Item Number*	Model**	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.

\*\*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.

Writing, Annual Data, Grade Span 2

Operational		Parameters					
Item Number*	Model**	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.

\*\*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.



Writing, Annual Data, Grade Span 3

Operational		Parameters					
Item Number*	Model**	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.

\*\*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.

Writing, Annual Data, Grade Span 4

Operational		Parameters					
Item Number*	Model**	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.

\*\*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.

Appendix E Reading Stop Study Item Parameter Differences

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

Operational Item Number*	Model**	Parameters		
		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

\*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.

Appendix E: Reading Stop Study Item Parameter Differences

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

\*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.

Appendix E: Reading Stop Study Item Parameter Differences

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.

\*\*The A, B, and C parameters are also known as the difficulty, discrimination, and guessing parameters, respectively.

Reading, Form B5 Item Parameters  
Annual Data, Grade Span 3

Operational Item Numbers*	Model**	Parameters		
		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

\*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.

Appendix E: Reading Stop Study Item Parameter Differences

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

Operational Item Numbers*	Model**	Parameters		
		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.

Appendix E: Reading Stop Study Item Parameter Differences

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.

\*\*The A, B, and C parameters are also known as the difficulty, discrimination, and guessing parameters, respectively.



Appendix E: Reading Stop Study Item Parameter Differences

Reading, Form B5 Item Parameters  
Annual Data, Grade Span 4

Operational Item Number*	Model**	Parameters		
		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.

\*\*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.

Reading, Form B6 Item Parameters  
Annual Data, Grade Span 4

Operational Item Number*	Model**	Parameters		
		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.

\*\*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.

Appendix E: Reading Stop Study Item Parameter Differences

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.

\*\*The A, B, and C parameters are also known as the difficulty, discrimination, and guessing parameters, respectively.



Appendix F Form B Raw Score to Scale Score Tables

Listening/Speaking, Grade Span 1: Kindergarten

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

Listening/Speaking, Grade Span 1: Grade 1

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

Listening/Speaking, Grade Span 1: Grade 2

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

Reading, Grade Span 1: Grade 2

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

Writing, Grade Span 1: Grade 2

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



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

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

Reading, Grade Span 2: Grades 3-5

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

Writing, Grade Span 2: Grades 3-5

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

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

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

Reading, Grade Span 3: Grades 6-8

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

Writing, Grade Span 3: Grades 6-8

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

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

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

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.

Raw Score	Scale Score	Standard Error	Prof. Level
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	Advanced
30	565	14	
31	573	15	Advanced
32	582	18	
33	596	22	
34	618	31	
35	650	53	

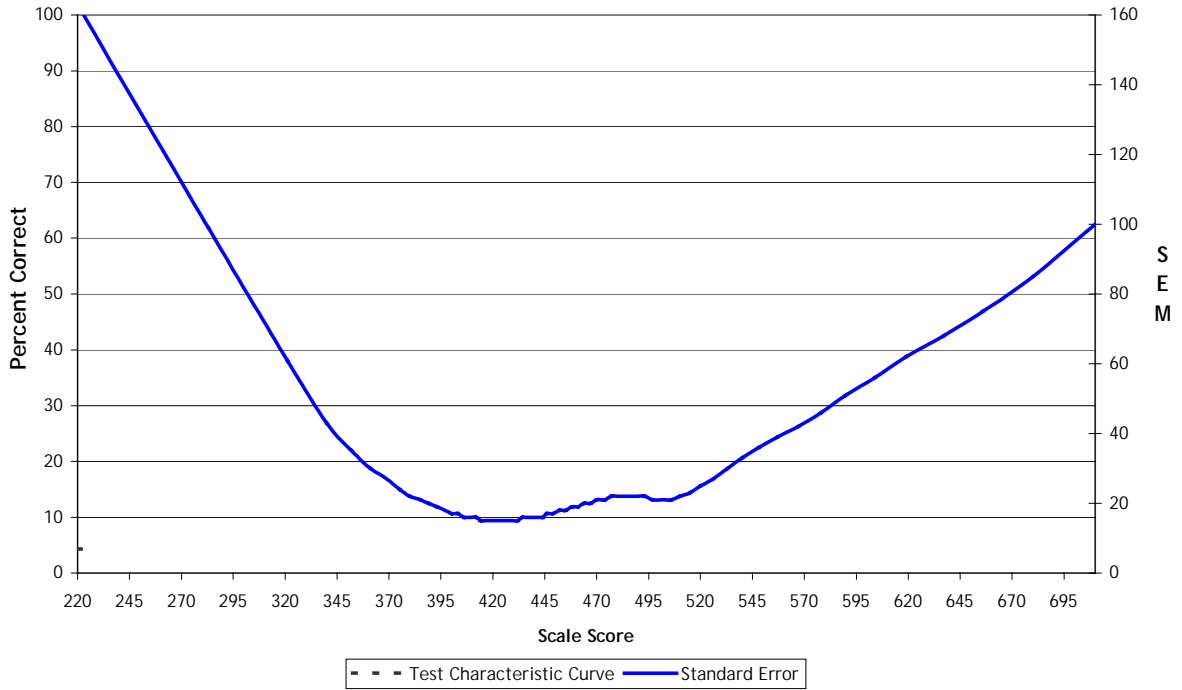
Writing, Grade Span 4: Grades 9-12

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.

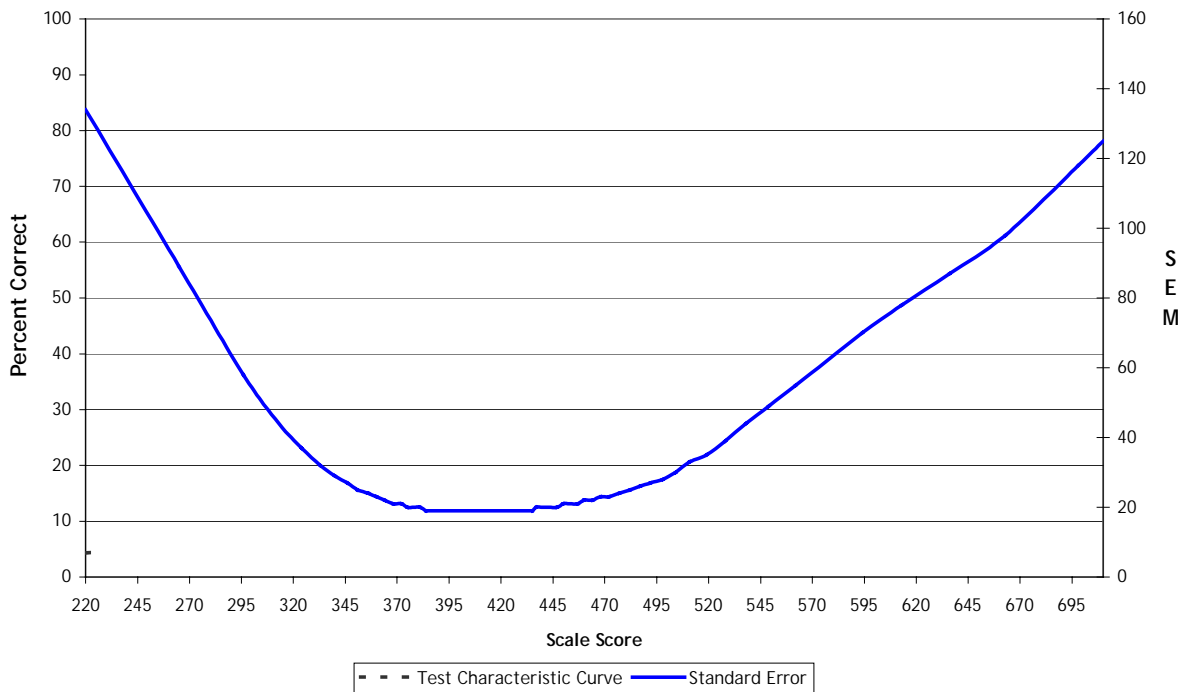
Raw Score	Scale Score	Standard Error	Prof. Level
18	454	15	Early Intermediate
19	460	15	
20	467	15	
21	474	15	
22	480	14	
23	487	14	
24	495	14	Inter.
25	502	15	
26	511	16	
27	521	17	
28	533	19	Early Adv.
29	547	20	
30	561	20	
31	576	20	Advanced
32	593	22	
33	615	27	
34	650	37	
35	700	60	

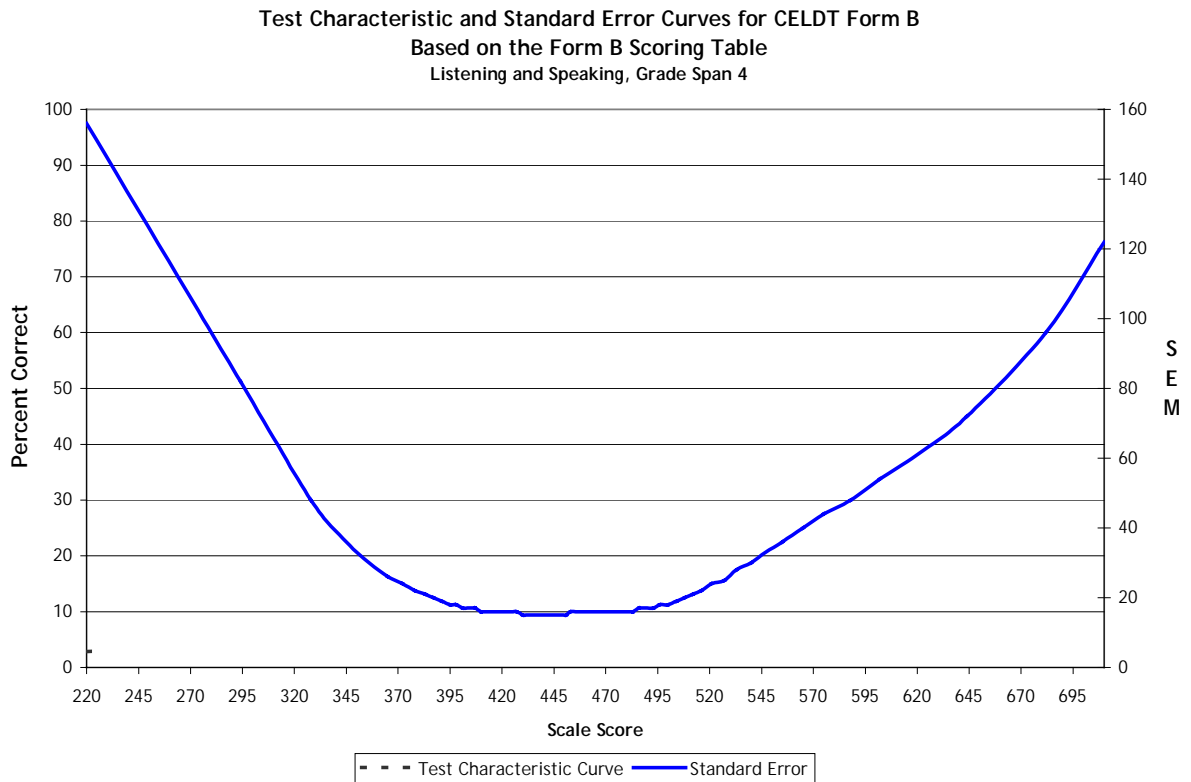
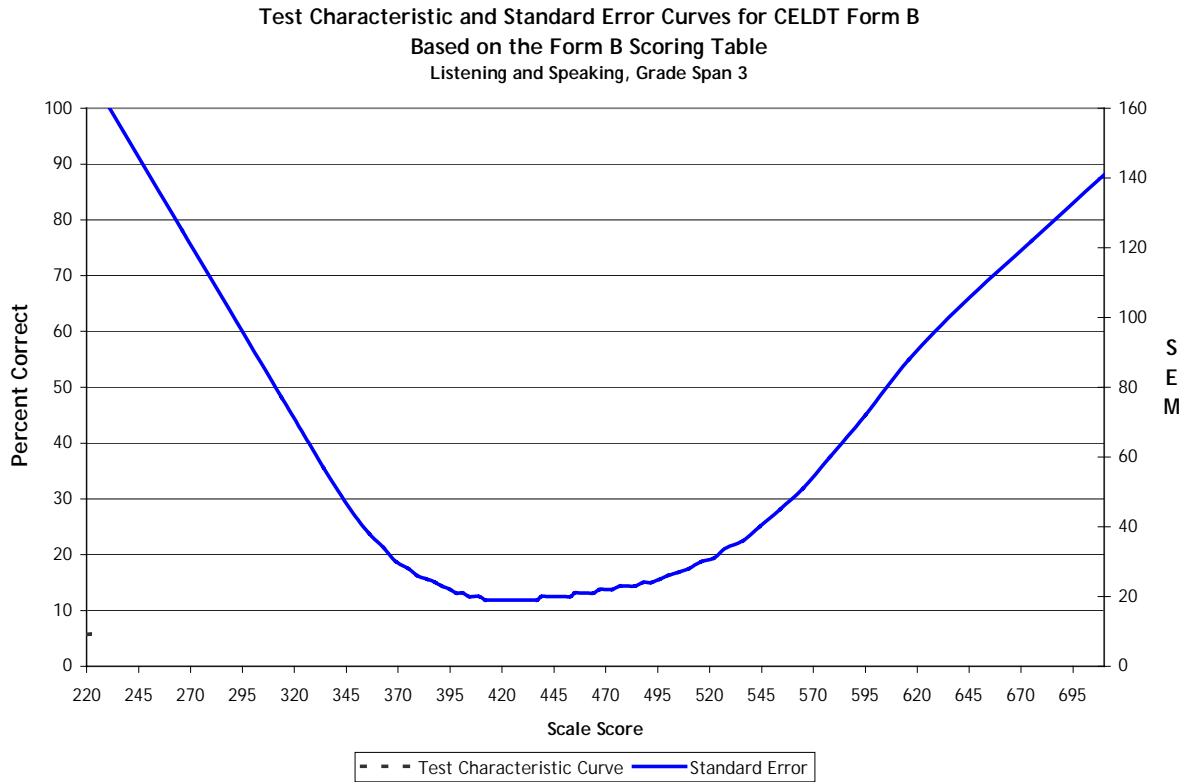
Appendix G Form B Test Characteristic and Standard Error Curves

Test Characteristic and Standard Error Curves for CELDT Form B  
Based on the Form B Scoring Table  
Listening and Speaking, Grade Span 1



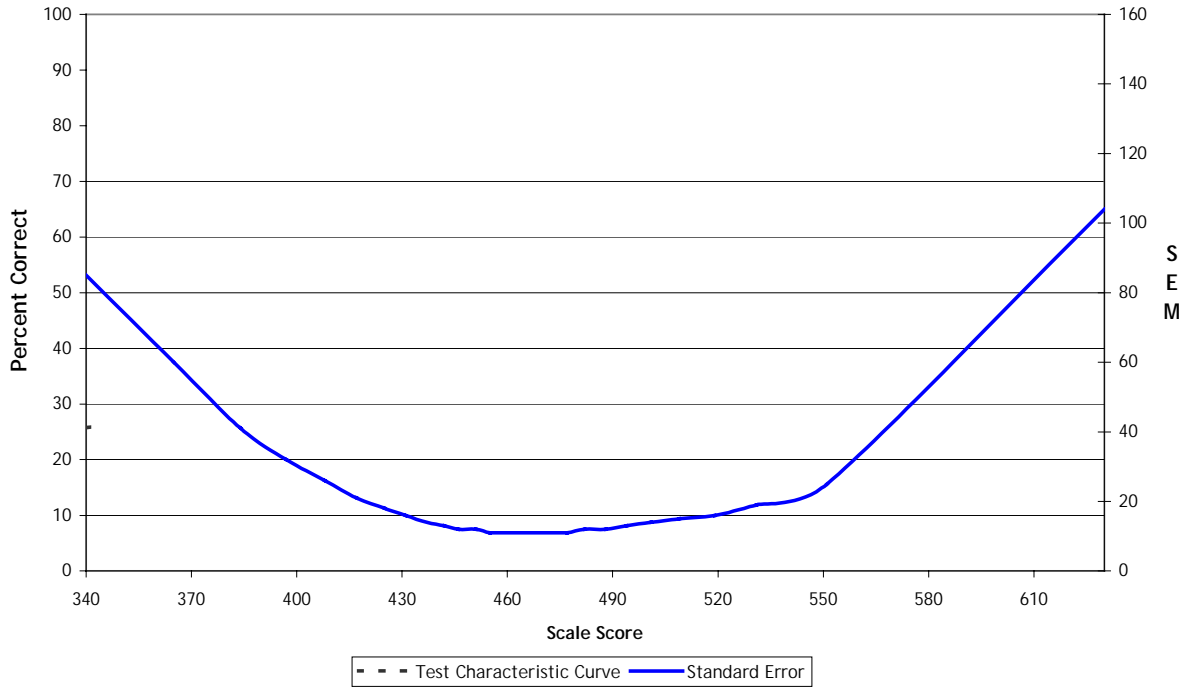
Test Characteristic and Standard Error Curves for CELDT Form B  
Based on the Form B Scoring Table  
Listening and Speaking, Grade Span 2



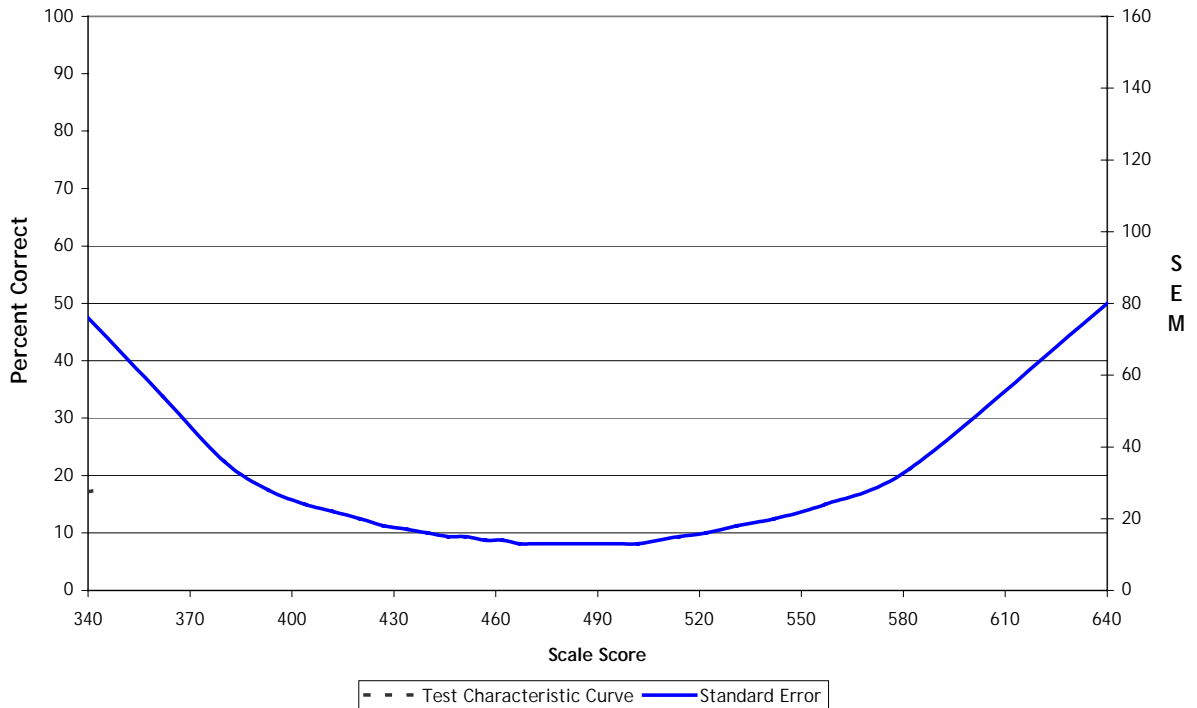




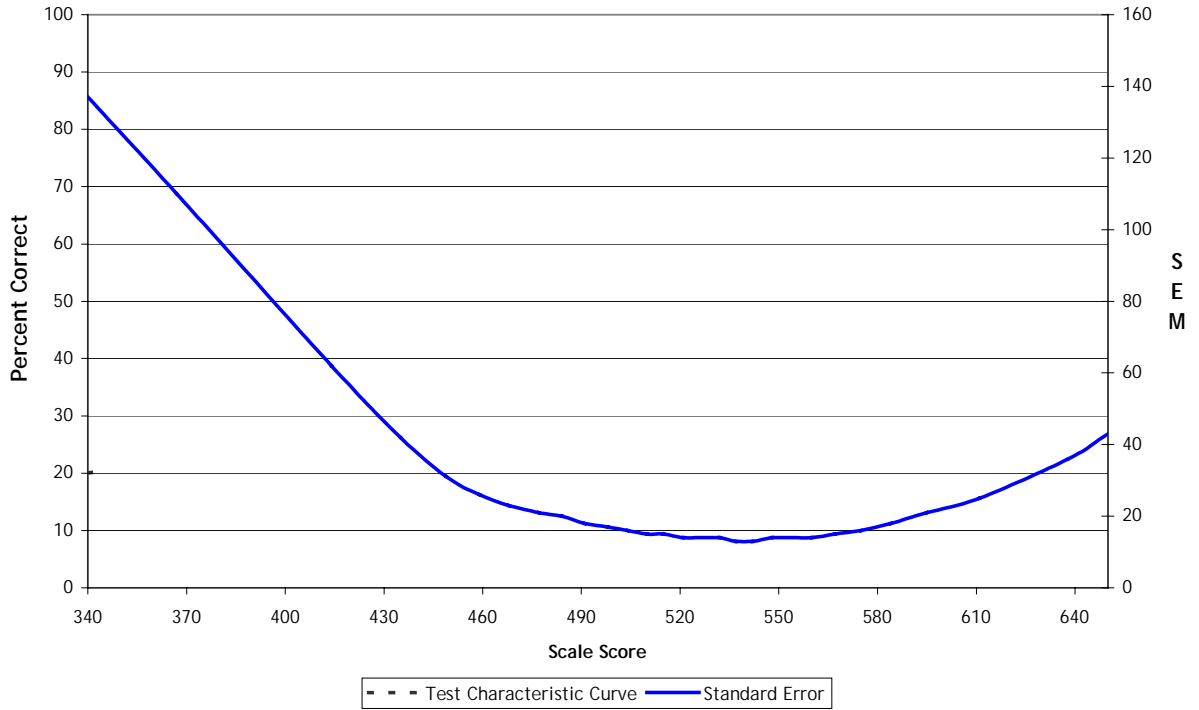
Test Characteristic and Standard Error Curves for CELDT Form B  
Based on the Form B Scoring Table  
Reading, Grade Span 1 (Grade Two)



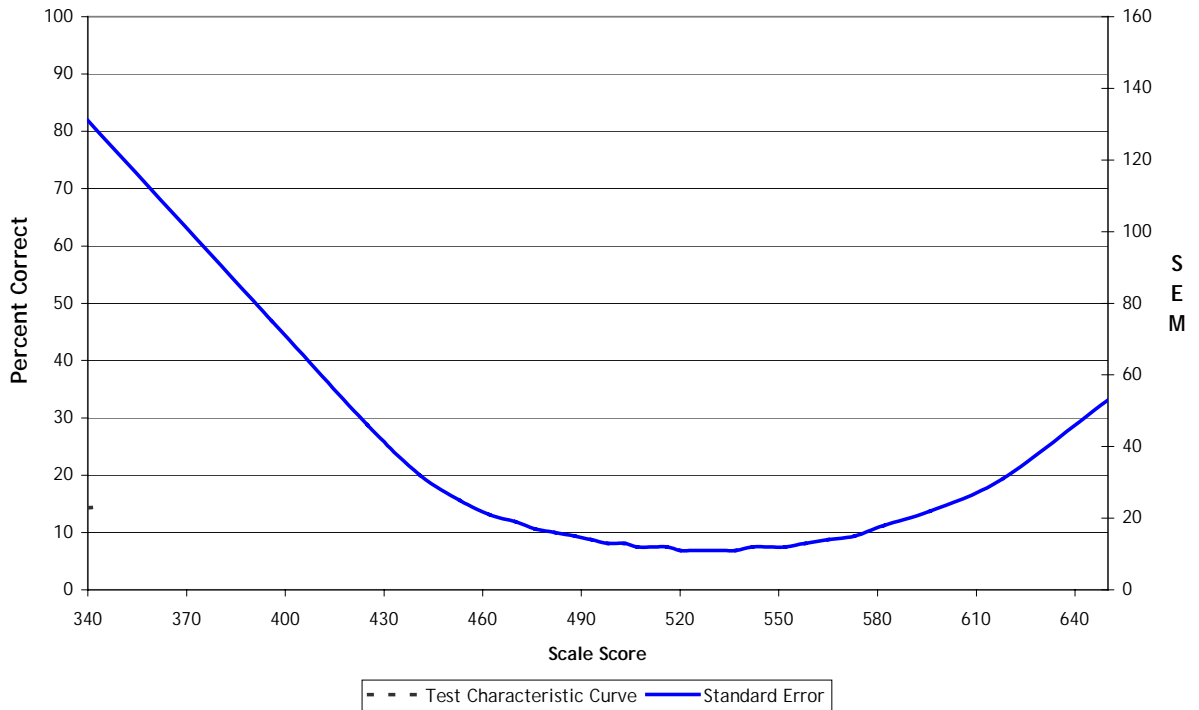
Test Characteristic and Standard Error Curves for CELDT Form B  
Based on the Form B Scoring Table  
Reading, Grade Span 2



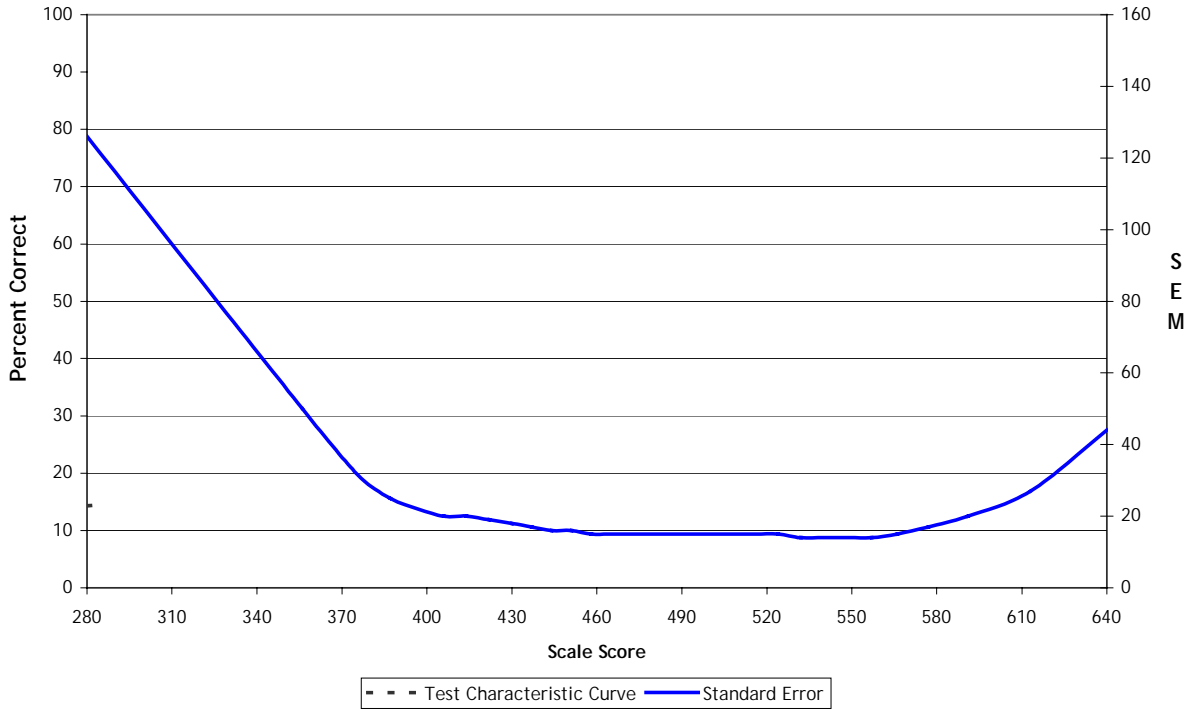
Test Characteristic and Standard Error Curves for CELDT Form B  
Based on the Form B Scoring Table  
Reading, Grade Span 3



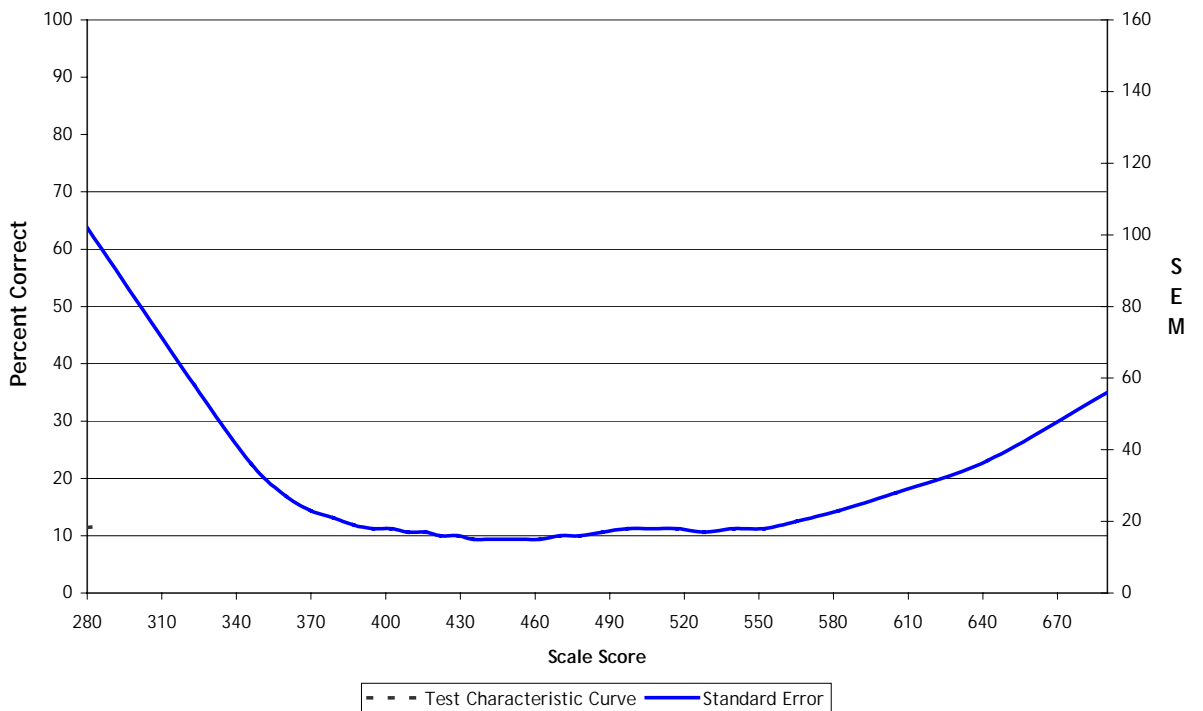
Test Characteristic and Standard Error Curves for CELDT Form B  
Based on the Form B Scoring Table  
Reading, Grade Span 4



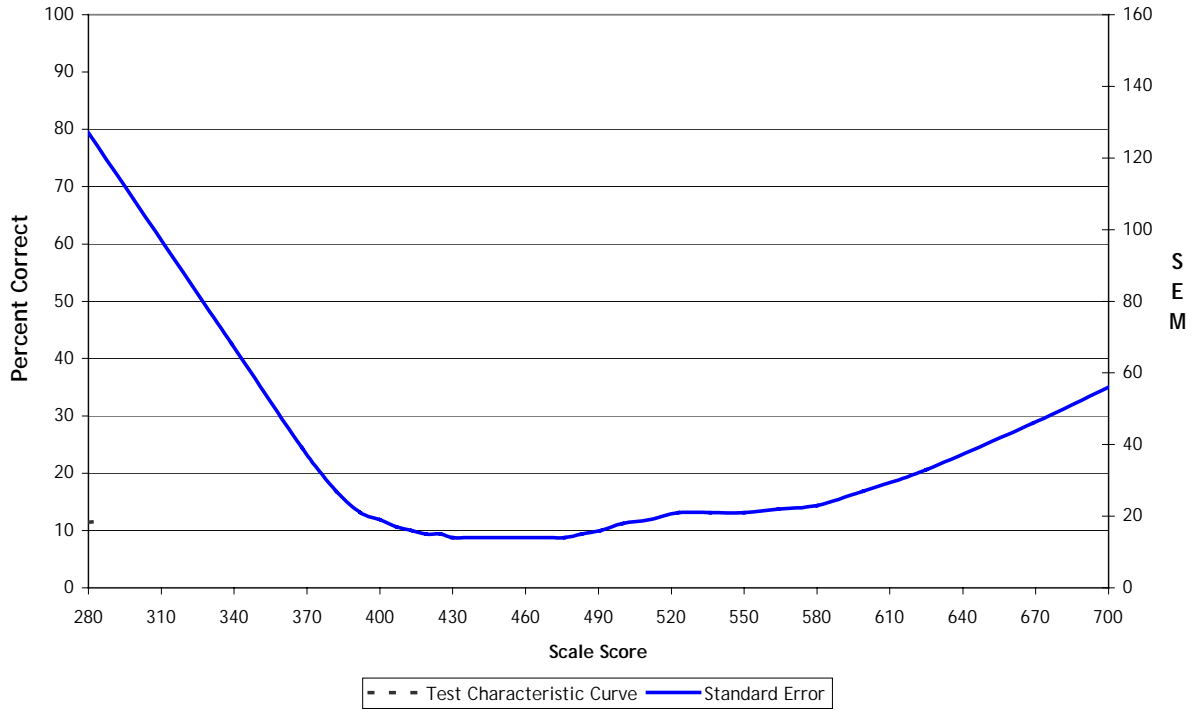
Test Characteristic and Standard Error Curves for CELDT Form B  
Based on the Form B Scoring Table  
Writing, Grade Span 1 (Grade Two)



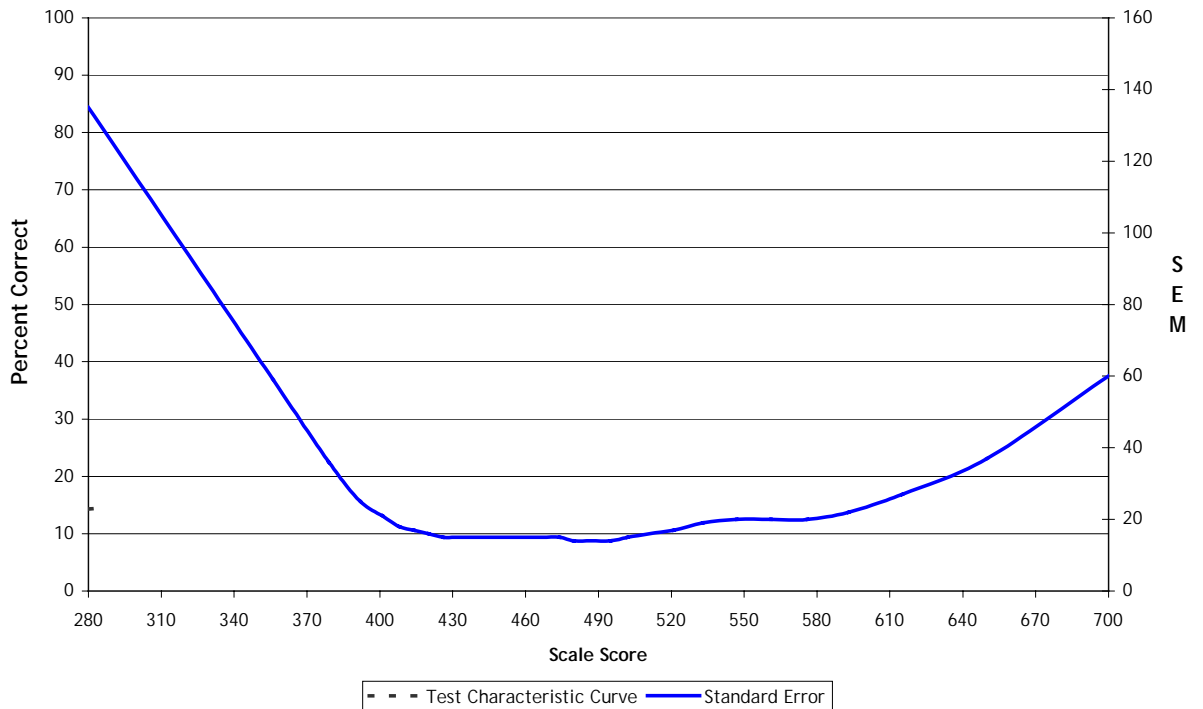
Test Characteristic and Standard Error Curves for CELDT Form B  
Based on the Form B Scoring Table  
Writing, Grade Span 2



Test Characteristic and Standard Error Curves for CELDT Form B  
Based on the Form B Scoring Table  
Writing, Grade Span 3



Test Characteristic and Standard Error Curves for CELDT Form B  
Based on the Form B Scoring Table  
Writing, Grade Span 4



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
<b>Grade Span 1</b>				
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.

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

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

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

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

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

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



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.

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

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.

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

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
<b>Grade Span 3</b>						
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.

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



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.

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
<b>Grade Span 4</b>						
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



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
<b>Grade Span 1</b>					
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		

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

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
<b>Grade Span 1</b>					
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

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.

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
<b>Grade Span 2</b>					
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

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
<b>Grade Span 3</b>					
1	1	1	1	WT G6-8 B[1-6]	00241473
2	2	2	2	WT G6-8 B[1-6]	00241475
3	3	3	3	WT G6-8 B[1-6]	00241477
4	4	4	4	WT G6-8 B[1-6]	00241479
5	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	6	WT G6-8 B[1-6]	00241483
9	7	7	7	WT G6-8 B[1-6]	00241485
10	8	8	8	WT G6-8 B[1-6]	00241487
11	9	9	9	WT G6-8 B[1-6]	00241489
12	10	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	11	WT G6-8 B[1-6]	00241564
16	12	12	12	WT G6-8 B[1-6]	00241566
17	13	13	13	WT G6-8 B[1-6]	00241568
18	14	14	14	WT G6-8 B[1-6]	00241570
19	15	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	16	WT G6-8 B[1-6]	00241574
23	17	17	17	WT G6-8 B[1-6]	00241578
24	18	18	18	WT G6-8 B[1-6]	00241582
25	NA	Field Test Item-See Table Next Page			
26	19	19	19	WT G6-8 B[1-6]	00241497
27	20	20	20	WT G6-8 B[1-6]	00241584
28	NA	Field Test Item-See Table Next Page			
29	21	21	21	WT G6-8 B[1-6]	00241499
30	22	22	22	WT G6-8 B[1-6]	00241586
31	NA	Field Test Item-See Table Next Page			
32	23	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.

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
<b>Grade Span 3</b>					
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



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.

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
<b>Grade Span 4</b>					
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



**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**

*Appendix I: Item Selection Specifications for the 2002 CELDT Operational Test*

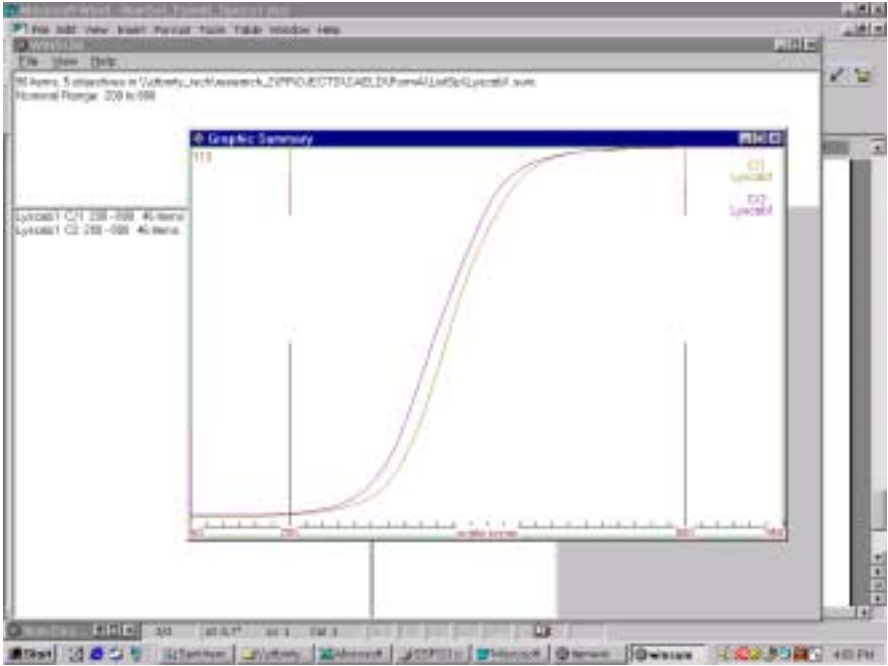
3. A listing of the items in the forms, sorted in order of **Item**.
4. A listing of the items in the forms, sorted in order of **ascending Location**.
5. A listing of the items in the forms, sorted in order of **Information**.
6. A listing of the items in the forms, sorted in order of **Objectives**.
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**

Sample Outputs

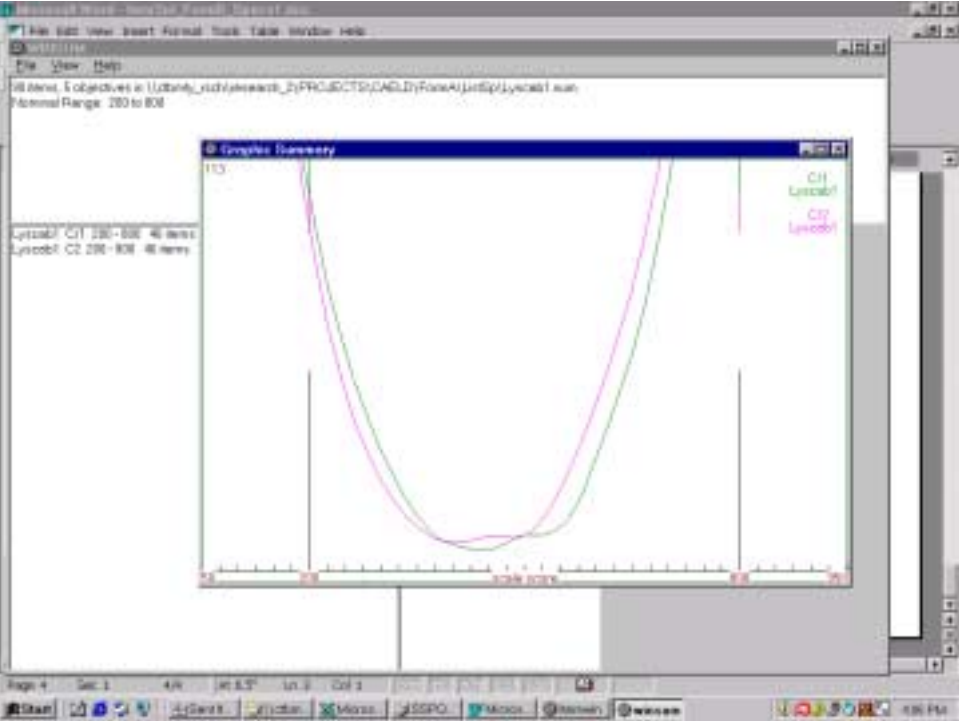
1) List of Items

Item	Book	Lit	Civ	Percentage	Description	Item Descriptor	ID	SD	Lit	Mo
13-21	01-1	2	10			Ans. simple questions	1	2	373	3-40
3-18	01-1	2	11			Resp. to simple Disc	1	2	375	8-70
10-20	01-1	2	12			Ans. simple questions	1	2	376	2-70
18-22	01-1	2	13			Ans. simple questions	1	2	380	1-80
2-7	01-1	2	11			Resp. to simple Disc	1	2	389	4-87
46-1	01-1	2	11			Resp. to simple disc	1	2	391	5-40
4-8	01-1	2	11			Resp. to simple Disc	1	2	392	4-43
1-2	01-1	2	11			Resp. to simple Disc	1	2	395	5-70
14-1	01-1	2	11			Resp. to simple disc	1	2	399	5-29
5-9	01-1	2	11			Resp. to simple Disc	1	2	399	1-10
10-16	01-1	2	14			Use English phonemes	1	3	409	2-22
11-19	01-1	2	14			Use English phonemes	1	3	414	3-29
18-14	01-1	2	14			Use English phonemes	1	3	415	2-10
46-41	01-1	2	14			Use Eng. phonemes	1	3	417	5-13
01-30	01-1	2	14			Use English phonemes	1	3	419	4-20
25-4	01-1	2	11			Resp. to simple disc	1	3	419	5-83
48-40	01-1	2	14			Use Eng. phonemes	1	3	419	8-14
44-44	01-1	2	14			Use Eng. phonemes	1	3	420	1-30
10-24	01-1	2	12			Ans. simple questions	1	3	421	5-42
16-31	01-1	2	14			Use Eng. phonemes	1	3	425	8-30
17-13	01-1	2	14			Use English phonemes	1	3	425	4-10
25-20	01-1	2	12			Ans. simple questions	1	3	425	7-20
46-46	01-1	2	14			Use Eng. phonemes	1	3	427	4-22
07-31	01-1	2	14			Use Eng. phonemes	1	3	429	4-24
40-43	01-1	2	14			Use Eng. phonemes	1	3	435	2-13
14-25	01-1	2	12			Ans. simple questions	1	3	438	6-15
18-31	01-1	2	14			Use Eng. phonemes	1	3	440	3-16

2) TCC



3) SE



4) Summary Report

The screenshot shows a software window titled 'Test Summary' displaying a table with the following data:

Item	Pass	Fail	Correct	Items	Max P	PS Range	Ave Pass	PCT correct
C1	276.4	504.7	45	53	3.01 - 41.99	1.983	8.0	
C2	253.1	687.4	45	58	1.18 - 41.98	1.980	8.0	

The window title bar includes 'File Edit View Insert Format Tools Table Window Help'. The status bar at the bottom shows 'Page 4 Sec 1 4th 4th 8.5" In 1 Col 1' and a taskbar with various application icons.

**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
	<b>TOTALS</b>			<b>46</b>	<b>10</b>	<b>35</b>	<b>25</b>	<b>70</b>

**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
	<b>TOTALS</b>			<b>46</b>	<b>10</b>	<b>35</b>	<b>25</b>	<b>70</b>

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
	<b>TOTALS</b>		<b>35</b>	<b>35</b>	<b>100</b>	<b>16</b>	<b>16</b>	<b>51</b>	<b>51</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>23</b>	<b>35</b>	<b>100</b>	<b>38</b>	<b>60</b>	<b>61</b>	<b>95</b>	<b>100</b>

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
	<b>TOTALS</b>			<b>46</b>	<b>10</b>	<b>35</b>	<b>25</b>	<b>70</b>

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
	<b>TOTALS</b>		<b>35</b>	<b>35</b>	<b>100</b>	<b>16</b>	<b>16</b>	<b>51</b>	<b>51</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>23</b>	<b>35</b>	<b>100</b>	<b>38</b>	<b>60</b>	<b>61</b>	<b>95</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>46</b>	<b>10</b>	<b>35</b>	<b>25</b>	<b>70</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>35</b>	<b>35</b>	<b>100</b>	<b>16</b>	<b>16</b>	<b>51</b>	<b>51</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>23</b>	<b>35</b>	<b>100</b>	<b>38</b>	<b>60</b>	<b>61</b>	<b>95</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>46</b>	<b>10</b>	<b>35</b>	<b>25</b>	<b>70</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>35</b>	<b>35</b>	<b>100</b>	<b>16</b>	<b>16</b>	<b>51</b>	<b>51</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>23</b>	<b>35</b>	<b>100</b>	<b>38</b>	<b>60</b>	<b>61</b>	<b>95</b>	<b>100</b>



**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
	<b>TOTALS</b>		<b>46</b>	<b>10</b>	<b>35</b>	<b>25</b>	<b>70</b>	<b>100</b>

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
<b>TOTALS</b>			<b>35</b>	<b>35</b>	<b>100</b>	<b>16</b>	<b>16</b>	<b>51</b>	<b>51</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>23</b>	<b>35</b>	<b>100</b>	<b>38</b>	<b>60</b>	<b>61</b>	<b>95</b>	<b>100</b>

Appendix I: Item Selection Specifications for the 2002 CELDT Operational Test

California English Language Development Test (CELDT)

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
<b>TOTALS</b>			<b>46</b>	<b>10</b>	<b>35</b>	<b>25</b>	<b>70</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>35</b>	<b>35</b>	<b>100</b>	<b>16</b>	<b>16</b>	<b>51</b>	<b>51</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>23</b>	<b>35</b>	<b>100</b>	<b>38</b>	<b>60</b>	<b>61</b>	<b>95</b>	<b>100</b>

Appendix I: Item Selection Specifications for the 2002 CELDT Operational Test

California English Language Development Test (CELDT)

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
<b>TOTALS</b>			<b>46</b>	<b>10</b>	<b>35</b>	<b>25</b>	<b>70</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>35</b>	<b>35</b>	<b>100</b>	<b>16</b>	<b>16</b>	<b>51</b>	<b>51</b>	<b>100</b>

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
	<b>TOTALS</b>		<b>23</b>	<b>35</b>	<b>100</b>	<b>38</b>	<b>60</b>	<b>61</b>	<b>95</b>	<b>100</b>