

**Technical Report # 0918**

**Local Normative Data on easyCBM<sup>®</sup> Reading and Mathematics:**

**Fall 2009**

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behavioral research & teaching

Published by

Behavioral Research and Teaching  
University of Oregon • 175 Education  
5262 University of Oregon • Eugene, OR 97403-5262  
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<http://brt.uoregon.edu>

Note: Funds for the data set used to generate this report come from a federal grant awarded to the UO from the  
• Institute of Education Sciences, U.S. Department of Education: *Assessment for Accountability* (PR/Award #  
R324A070188 funded from June 2008 – May 2011).

• Office of Special Education Programs, U.S. Department of Education: *Model Demonstration Centers on Progress  
Monitoring* (PR/Award # H326M050003 funded from January 2006 – December 2008).

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## Abstract

We developed equivalent, alternate forms of easyCBM<sup>®</sup> in reading (n=20 forms) and mathematics (n=13 forms) with different skills reflective of the National Reading Panel (NRP) and the National Council of Teachers of Mathematics (NCTM), respectively. We then took three forms to use as screening measures in the fall, winter, and spring so educators could identify students at risk of failure and establish benchmarks. In this report, we present normative data for fall 2009 on all measures in grades 1 through 8. These data reflect the results from several districts and are reported for all districts and disaggregated for each district.

**Local Normative Data on easyCBM® Reading and Mathematics: Fall 2009**

In the early research on curriculum-based measurement, the focus was on alternate forms for use in progress monitoring. Very quickly, however, a normative use was developed in which the measures were administered to a large-group of students at each grade level and used to identify students at risk of failure. One of the earliest normative applications of CBM was described in the following technical report: Tindal, Germann, & Deno, (1983). *Descriptive research on the Pine County norms: A compilation of findings (Technical Report 132)*.

Minneapolis, MN: University of Minnesota Institute for Research on Learning Disabilities.

In the past 30 years, a considerable body of research has developed on CBM norms. Usually, an entire grade level is sampled in the fall, again in the winter, and finally in the spring. Most often, the data are used to flag students below the lowest 10<sup>th</sup>, 20<sup>th</sup>, or 25<sup>th</sup> percentile rank using the fall data. Sometimes, the data are used as a quasi-formal program evaluation of normative growth (to establish benchmarks or long range goals within grades). When used in this latter manner, the results often reflect a non-linear growth pattern, in which the most gain occurs from the fall to the winter with less from the winter to the spring. Whether this phenomenon is due to a summer regression, fall review, or truly non-linear growth is open to question.

Of all the various CBM systems available, DIBELS and AIMSWEB are likely to have the most prominent normative samples, having been on the market for many years. The outcomes described in this technical report reflect the first time that easyCBM® has been administered as a screener, as the system was originally designed only for progress monitoring. As the 2009-2010 year is finished, the same data collection is planned for the winter and the spring, providing districts more typical information on end-of-year benchmarks for use in a quasi-formal evaluation of normative growth.

## Methods

### Setting and Subjects

All districts were from the Pacific Northwest in reading and from a stratified national sample in mathematics. No demographic information was collected on any of the students; as districts become research participants, this information will be released.

### Measurement/Instrument Development

We describe the development of the instruments in several technical reports.

#### *Reading technical reports on measurement development.*

Alonzo, J., & Tindal, G. (2007). *Examining the technical adequacy of early literacy measures in a progress monitoring assessment system: Letter names, letter sounds, and phoneme segmenting* (Technical Report No. 39). Eugene, OR: Behavioral Research and Teaching: University of Oregon.

Alonzo, J., & Tindal, G. (2007). *Examining the technical adequacy of word and passage reading fluency measures in a progress monitoring assessment system* (Technical Report No. 40). Eugene, OR: Behavioral Research and Teaching: University of Oregon.

Alonzo, J., Liu, K., & Tindal, G. (2007). *Examining the technical adequacy of reading comprehension measures in a progress monitoring assessment system* (Technical Report No. 41). Eugene, OR: Behavioral Research and Teaching: University of Oregon.

Alonzo, J., & Tindal, G. (2008). *The development of fifth grade passage reading fluency measures for use in a progress monitoring assessment system* (Technical Report No. 43). Eugene, OR: Behavioral Research and Teaching: University of Oregon.

Alonzo, J., Park, B. J., & Tindal, G. (2008). *The development of middle school passage reading fluency measures for use in a progress monitoring assessment system* (Technical Report

No. 46). Eugene, OR: Behavioral Research and Teaching: University of Oregon.

Alonzo, J., & Tindal, G. (2008). *Examining the technical adequacy of fifth-grade reading comprehension measures in a progress monitoring assessment system* (Technical Report No. 0807). Eugene, OR: Behavioral Research and Teaching: University of Oregon

Alonzo, J., Liu, K., & Tindal, G. (2008). *Examining the technical adequacy of second-grade reading comprehension measures in a progress monitoring assessment system* (Technical Report No. 0808). Eugene, OR: Behavioral Research and Teaching: University of Oregon.

***Mathematics technical reports on measurement development.***

Alonzo, J., Lai, C.F., Tindal, G. (2009). *The development of K-8 progress monitoring measures in mathematics for use with the 2% and general education populations: Grade 1* (Technical Report No. 0919). Eugene, OR: Behavioral Research and Teaching: University of Oregon.

Alonzo, J., Lai, C.F., Tindal, G. (2009). *The development of K-8 progress monitoring measures in mathematics for use with the 2% and general education populations: Grade 2* (Technical Report No. 0920). Eugene, OR: Behavioral Research and Teaching: University of Oregon.

Alonzo, J., Lai, C.F., Tindal, G. (2009). *The development of K-8 progress monitoring measures in mathematics for use with the 2% and general education populations: Grade 3* (Technical Report No. 0902). Eugene, OR: Behavioral Research and Teaching: University of Oregon.

Alonzo, J., Lai, C.F., Tindal, G. (2009). *The development of K-8 progress monitoring measures in mathematics for use with the 2% and general education populations: Grade 4*

(Technical Report No. 0903). Eugene, OR: Behavioral Research and Teaching:  
University of Oregon.

Lai, C.F., Alonzo, J., Tindal, G. (2009). *The development of K-8 progress monitoring measures in mathematics for use with the 2% and general education populations: Grade 5*

(Technical Report No. 0901). Eugene, OR: Behavioral Research and Teaching:  
University of Oregon.

Lai, C.F., Alonzo, J., Tindal, G. (2009). *The development of K-8 progress monitoring measures in mathematics for use with the 2% and general education populations: Grade 8*

(Technical Report No. 0904). Eugene, OR: Behavioral Research and Teaching:  
University of Oregon.

### **Design and Operational Procedures**

Districts opted to test in the fall (from early-September to mid-October) on a voluntary basis. For the individually administered measures, training was provided from the easyCBM<sup>®</sup> website (<http://easycbm.com>); all group administered measures were computer-based.

### **Data Preparation and Analysis**

The data files from fall 2009 were pulled from the district easyCBM<sup>®</sup> site and combined into a common data file with common fields. Simple descriptive statistics (count, minimum, maximum, means, and standard deviations) were calculated for each measure and grade for the total sample and each district.

## **Results**

### **Reading**

Approximately 3,000 students segmented an average of 34 phonemes, with some districts more than a standard deviation lower than this.

Approximately 3,000 students named an average of 40 letters per minute, with most districts close to this level.

Over 3,000 students sounded an average of 25 letters, with most districts close to this level.

Over 3,000 students read an average of 15, 38, and 47 words per minute (from a list) in grades 1, 2, and 3, respectively; considerable district variation (from .25 to .50 standard deviation) was found within grade levels.

Over 3,000 students read passages at the following words correct per minute: grade 1 = 15, grade 2 = 58, grade 3 = 82, grade 4 = 106, grade 5 = 143, grade 6 = 138, grade 7 = 153, and grade 8 = 168. The standard deviation within grade levels was consistently close to 40 words correct per minute with districts varying in levels.

Approximately 3,000 students selected synonyms to grade level (3-8) vocabulary words with performance averaging 14-18 words (from a possible 25). Districts varied by .50 standard deviations, although the count was very different.

Over 3,000 students took the computer-based comprehension test and averaged approximately half correct or slightly better (6 of 12 in grade 2, and 10-13 correct in grades 3-8 from a total of 20 questions); district variation was approximately .25 to .50 standard deviations. Again, considerable fluctuation occurred between districts in participation; so these results need to be interpreted cautiously.



**Mathematics**

Nearly 6,000 students took the mathematics test, and the average performance was approximately 25-30 items correct out of the total 48 items across all grades. Considerable variation occurred across the districts. Again, with fairly drastic differences in district count (reflecting differential participation), district comparisons need to be made cautiously.

For the three subtests, the average performance was proportionately the same as with the total test: Approximately 9-10 items of the 16 total items (representing just over half) were answered correctly. Variation among districts was fairly minimal (less than .25 standard deviations).

**Discussion**

Normative interpretation of the results needs to be made cautiously until more districts participate, demographic information becomes concurrently collected, and more time intervals are included. Table 1 presents the means and standard deviations of Oral Reading Fluency normative data from the present study along with the results of a previous study in 2005 (Hasbrouck & Tindal, 2005). When examining the means, it is evident that the pattern is similar (i.e. each shows an increasing number of correct words per minute), however the results from the current study are consistently higher than those obtained in 2005. This is likely due to sample variability, as the 2005 study collected data across several states and had a considerably larger sample size.

Table 1  
*Oral Reading Fluency Means and Standard Deviation Norms from Current Study and 2005*

Grade	Means		Standard Deviations	
	2005	2009	2005	2009
1	.	15.17	.	23.94
2	55.49	58.99	37.00	39.43
3	73.50	82.39	40.22	39.69
4	94.66	106.38	39.55	36.76
5	113.37	142.94	45.36	43.01
6	124.7	138.07	42.72	39.84
7	128.63	153.07	40.81	38.42
8	133.23	167.93	42.60	43.31

*Note.* Data from 2005 study not available for fall in 2005.

**Descriptive Statistics**

GR		N	Minimum	Maximum	Mean	Std. Deviation
1	Segmentation	2907	0	83	33.77	15.245
	Valid N (listwise)	2907				

**Descriptive Statistics**

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
1	DISTRICT 1	Segmentation	1251	0	70	35.72	14.412
		Valid N (listwise)	1251				
	DISTRICT 3	Segmentation	130	0	58	28.31	16.403
		Valid N (listwise)	130				
	DISTRICT 6	Segmentation	262	0	70	36.64	15.740
		Valid N (listwise)	262				
	DISTRICT 8	Segmentation	249	0	83	24.94	17.523
		Valid N (listwise)	249				
	DISTRICT 10	Segmentation	189	0	70	37.63	13.209
		Valid N (listwise)	189				
	DISTRICT 11	Segmentation	826	0	70	32.56	14.487
		Valid N (listwise)	826				

**Descriptive Statistics**

GR		N	Minimum	Maximum	Mean	Std. Deviation
1	Letter Names	2911	0	100	39.82	15.473
	Valid N (listwise)	2911				

**Descriptive Statistics**

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
1	DISTRICT 1	Letter Names	1252	0	100	41.90	15.592
		Valid N (listwise)	1252				
	DISTRICT 3	Letter Names	130	0	87	39.20	17.146
		Valid N (listwise)	130				
	DISTRICT 6	Letter Names	263	1	89	42.22	13.688
		Valid N (listwise)	263				
	DISTRICT 8	Letter Names	250	0	88	34.26	16.190
		Valid N (listwise)	250				
	DISTRICT 10	Letter Names	189	5	93	39.34	14.444
		Valid N (listwise)	189				
	DISTRICT 11	Letter Names	827	0	93	37.80	14.883
		Valid N (listwise)	827				

**Descriptive Statistics**

GR		N	Minimum	Maximum	Mean	Std. Deviation
1	Letter Sounds	3138	0	75	24.98	12.110
	Valid N (listwise)	3138				

**Descriptive Statistics**

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
1	DISTRICT 1	Letter Sounds	1252	0	70	26.16	12.015
		Valid N (listwise)	1252				
	DISTRICT 3	Letter Sounds	130	1	42	23.18	11.190
		Valid N (listwise)	130				
	DISTRICT 5	Letter Sounds	229	0	67	29.86	12.318
		Valid N (listwise)	229				
	DISTRICT 6	Letter Sounds	261	0	63	26.74	10.499
		Valid N (listwise)	261				
	DISTRICT 8	Letter Sounds	250	0	60	21.18	12.311
		Valid N (listwise)	250				
	DISTRICT 10	Letter Sounds	189	0	56	21.91	10.280
		Valid N (listwise)	189				
	DISTRICT 11	Letter Sounds	827	0	75	23.40	12.377
		Valid N (listwise)	827				

**Descriptive Statistics**

GR		N	Minimum	Maximum	Mean	Std. Deviation
1	Word Reading Fluency	3123	0	913	15.27	25.093
	Valid N (listwise)	3123				
2	Word Reading Fluency	3100	0	230	38.09	24.168
	Valid N (listwise)	3100				
3	Word Reading Fluency	1799	0	193	46.55	26.066
	Valid N (listwise)	1799				

**Descriptive Statistics**

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
1	DISTRICT 1	Word Reading Fluency	1252	0	101	18.05	21.776
		Valid N (listwise)	1252				
	DISTRICT 3	Word Reading Fluency	130	0	85	11.18	16.032
		Valid N (listwise)	130				
	DISTRICT 5	Word Reading Fluency	229	0	913	21.00	62.230
		Valid N (listwise)	229				
	DISTRICT 6	Word Reading Fluency	262	0	82	15.44	16.985
		Valid N (listwise)	262				
	DISTRICT 8	Word Reading Fluency	250	0	97	11.31	15.697
		Valid N (listwise)	250				
	DISTRICT 10	Word Reading Fluency	175	0	71	11.48	14.939
		Valid N (listwise)	175				
	DISTRICT 11	Word Reading Fluency	825	0	96	12.07	17.309
		Valid N (listwise)	825				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
2	DISTRICT 1	Word Reading Fluency	1228	0	230	41.25	25.796
		Valid N (listwise)	1228				
	DISTRICT 3	Word Reading Fluency	118	1	91	31.98	23.277
		Valid N (listwise)	118				
	DISTRICT 5	Word Reading Fluency	260	1	221	43.72	26.148
		Valid N (listwise)	260				
	DISTRICT 6	Word Reading Fluency	296	0	92	38.36	21.659
		Valid N (listwise)	296				
	DISTRICT 8	Word Reading Fluency	177	1	105	34.50	22.147
		Valid N (listwise)	177				
	DISTRICT 10	Word Reading Fluency	196	2	96	37.33	20.676
		Valid N (listwise)	196				
	DISTRICT 11	Word Reading Fluency	825	0	102	33.36	22.011
		Valid N (listwise)	825				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
3	DISTRICT 1 Word Reading Fluency	7	12	63	31.14	18.801
	Valid N (listwise)	7				
	DISTRICT 3 Word Reading Fluency	114	3	83	41.61	24.422
	Valid N (listwise)	114				
	DISTRICT 5 Word Reading Fluency	68	11	193	103.03	40.767
	Valid N (listwise)	68				
	DISTRICT 6 Word Reading Fluency	258	2	102	43.12	22.480
	Valid N (listwise)	258				
	DISTRICT 7 Word Reading Fluency	46	3	73	34.30	17.877
	Valid N (listwise)	46				
	DISTRICT 8 Word Reading Fluency	267	2	96	45.19	19.849
	Valid N (listwise)	267				
	DISTRICT 10 Word Reading Fluency	179	0	162	54.06	29.225
	Valid N (listwise)	179				
	DISTRICT 11 Word Reading Fluency	860	1	112	43.40	21.287
	Valid N (listwise)	860				



## Descriptive Statistics

GR		N	Minimum	Maximum	Mean	Std. Deviation
1	Passage Reading Fluency	1357	0	181	15.17	23.938
	Valid N (listwise)	1357				
2	Passage Reading Fluency	3100	0	254	58.99	39.428
	Valid N (listwise)	3100				
3	Passage Reading Fluency	3206	0	244	82.39	39.688
	Valid N (listwise)	3206				
4	Passage Reading Fluency	3243	0	263	106.38	36.762
	Valid N (listwise)	3243				
5	Passage Reading Fluency	3411	0	301	142.94	43.010
	Valid N (listwise)	3411				
6	Passage Reading Fluency	2190	0	305	138.07	39.838
	Valid N (listwise)	2190				
7	Passage Reading Fluency	3166	18	290	153.07	38.424
	Valid N (listwise)	3166				
8	Passage Reading Fluency	2870	0	397	167.93	43.309
	Valid N (listwise)	2870				

**Descriptive Statistics**

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
1	DISTRICT 1 Passage Reading Fluency	11	0	129	29.27	49.133
	Valid N (listwise)	11				
	DISTRICT 3 Passage Reading Fluency	130	0	118	12.77	18.870
	Valid N (listwise)	130				
	DISTRICT 5 Passage Reading Fluency	227	0	171	18.84	25.076
	Valid N (listwise)	227				
	DISTRICT 6 Passage Reading Fluency	260	0	127	15.94	20.495
	Valid N (listwise)	260				
	DISTRICT 8 Passage Reading Fluency	250	0	146	10.32	21.459
	Valid N (listwise)	250				
	DISTRICT 10 Passage Reading Fluency	43	0	73	21.09	23.461
	Valid N (listwise)	43				
	DISTRICT 11 Passage Reading Fluency	436	0	181	15.35	26.468
	Valid N (listwise)	436				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
2	DISTRICT 1	Passage Reading Fluency	1228	0	254	65.35	43.859
		Valid N (listwise)	1228				
	DISTRICT 3	Passage Reading Fluency	118	0	164	50.24	36.194
		Valid N (listwise)	118				
	DISTRICT 5	Passage Reading Fluency	260	0	184	66.02	38.164
		Valid N (listwise)	260				
	DISTRICT 6	Passage Reading Fluency	296	0	166	58.24	34.520
		Valid N (listwise)	296				
	DISTRICT 8	Passage Reading Fluency	177	0	179	50.71	33.255
		Valid N (listwise)	177				
	DISTRICT 10	Passage Reading Fluency	196	0	194	55.48	34.932
		Valid N (listwise)	196				
	DISTRICT 11	Passage Reading Fluency	825	0	232	51.44	35.000
		Valid N (listwise)	825				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
3	DISTRICT 1	Passage Reading Fluency	1283	0	219	91.05	40.862
		Valid N (listwise)	1283				
	DISTRICT 3	Passage Reading Fluency	114	8	169	71.47	41.738
		Valid N (listwise)	114				
	DISTRICT 5	Passage Reading Fluency	151	14	183	90.70	37.412
		Valid N (listwise)	151				
	DISTRICT 6	Passage Reading Fluency	258	6	197	75.41	39.724
		Valid N (listwise)	258				
	DISTRICT 7	Passage Reading Fluency	94	12	167	69.23	34.016
		Valid N (listwise)	94				
	DISTRICT 8	Passage Reading Fluency	267	4	199	78.42	36.620
		Valid N (listwise)	267				
	DISTRICT 10	Passage Reading Fluency	179	0	184	77.73	36.357
		Valid N (listwise)	179				
	DISTRICT 11	Passage Reading Fluency	860	0	244	75.19	37.284
		Valid N (listwise)	860				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
4	DISTRICT 1	Passage Reading Fluency	1279	6	263	113.92	38.381
		Valid N (listwise)	1279				
	DISTRICT 3	Passage Reading Fluency	144	11	179	95.58	36.243
		Valid N (listwise)	144				
	DISTRICT 5	Passage Reading Fluency	291	11	247	115.26	36.527
		Valid N (listwise)	291				
	DISTRICT 6	Passage Reading Fluency	300	5	217	99.11	32.564
		Valid N (listwise)	300				
	DISTRICT 7	Passage Reading Fluency	36	25	145	79.33	30.221
		Valid N (listwise)	36				
	DISTRICT 8	Passage Reading Fluency	148	24	187	97.76	31.554
		Valid N (listwise)	148				
	DISTRICT 10	Passage Reading Fluency	219	11	209	103.73	32.344
		Valid N (listwise)	219				
	DISTRICT 11	Passage Reading Fluency	826	0	218	99.53	34.723
		Valid N (listwise)	826				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
5	DISTRICT 1	Passage Reading Fluency	1330	0	301	151.22	42.844
		Valid N (listwise)	1330				
	DISTRICT 3	Passage Reading Fluency	150	32	212	131.09	35.967
		Valid N (listwise)	150				
	DISTRICT 5	Passage Reading Fluency	297	23	295	151.76	43.190
		Valid N (listwise)	297				
	DISTRICT 6	Passage Reading Fluency	347	10	251	132.09	40.176
		Valid N (listwise)	347				
	DISTRICT 7	Passage Reading Fluency	60	21	225	128.30	37.542
		Valid N (listwise)	60				
	DISTRICT 8	Passage Reading Fluency	156	0	240	130.37	46.092
		Valid N (listwise)	156				
	DISTRICT 10	Passage Reading Fluency	200	36	260	144.16	42.346
		Valid N (listwise)	200				
	DISTRICT 11	Passage Reading Fluency	871	5	269	136.64	42.171
		Valid N (listwise)	871				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
6	DISTRICT 1	Passage Reading Fluency	118	37	261	138.53	39.902
		Valid N (listwise)	118				
	DISTRICT 2	Passage Reading Fluency	438	0	257	138.83	39.898
		Valid N (listwise)	438				
	DISTRICT 3	Passage Reading Fluency	114	44	295	127.39	41.793
		Valid N (listwise)	114				
	DISTRICT 5	Passage Reading Fluency	279	16	305	147.16	41.091
		Valid N (listwise)	279				
	DISTRICT 7	Passage Reading Fluency	116	0	206	116.66	35.546
		Valid N (listwise)	116				
	DISTRICT 8	Passage Reading Fluency	254	24	247	143.82	33.674
		Valid N (listwise)	254				
	DISTRICT 10	Passage Reading Fluency	22	5	206	129.36	43.594
		Valid N (listwise)	22				
	DISTRICT 11	Passage Reading Fluency	849	9	275	137.49	39.950
		Valid N (listwise)	849				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
7	DISTRICT 1	Passage Reading Fluency	127	41	228	144.46	36.496
		Valid N (listwise)	127				
	DISTRICT 2	Passage Reading Fluency	488	18	279	162.37	40.722
		Valid N (listwise)	488				
	DISTRICT 5	Passage Reading Fluency	1547	18	290	155.70	38.449
		Valid N (listwise)	1547				
	DISTRICT 7	Passage Reading Fluency	97	35	226	133.02	33.193
		Valid N (listwise)	97				
	DISTRICT 8	Passage Reading Fluency	148	73	257	146.23	30.689
		Valid N (listwise)	148				
	DISTRICT 10	Passage Reading Fluency	15	85	203	152.07	32.673
		Valid N (listwise)	15				
	DISTRICT 11	Passage Reading Fluency	744	21	252	146.98	36.996
		Valid N (listwise)	744				



GR	District		N	Minimum	Maximum	Mean	Std. Deviation
8	DISTRICT 1	Passage Reading Fluency	100	49	283	174.86	46.187
		Valid N (listwise)	100				
	DISTRICT 2	Passage Reading Fluency	329	50	286	172.00	38.965
		Valid N (listwise)	329				
	DISTRICT 5	Passage Reading Fluency	1520	8	397	170.34	43.895
		Valid N (listwise)	1520				
	DISTRICT 7	Passage Reading Fluency	71	0	220	132.68	40.384
		Valid N (listwise)	71				
	DISTRICT 8	Passage Reading Fluency	16	23	152	101.25	32.281
		Valid N (listwise)	16				
	DISTRICT 10	Passage Reading Fluency	11	63	248	171.00	56.528
		Valid N (listwise)	11				
	DISTRICT 11	Passage Reading Fluency	823	27	272	165.29	41.258
		Valid N (listwise)	823				

## Descriptive Statistics

GR		N	Minimum	Maximum	Mean	Std. Deviation
3	Vocabulary	2931	0	25	16.55	5.227
	Valid N (listwise)	2931				
4	Vocabulary	2926	0	25	15.65	4.639
	Valid N (listwise)	2926				
5	Vocabulary	3252	0	25	17.90	5.078
	Valid N (listwise)	3252				
6	Vocabulary	3518	0	25	14.85	4.587
	Valid N (listwise)	3518				
7	Vocabulary	3131	0	25	14.18	4.555
	Valid N (listwise)	3131				
8	Vocabulary	2930	0	25	14.48	4.193
	Valid N (listwise)	2930				

**Descriptive Statistics**

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
3	DISTRICT 1 Vocabulary	1266	2	25	17.71	4.950
	Valid N (listwise)	1266				
	DISTRICT 3 Vocabulary	112	2	25	14.70	5.442
	Valid N (listwise)	112				
	DISTRICT 4 Vocabulary	89	0	25	17.04	5.968
	Valid N (listwise)	89				
	DISTRICT 5 Vocabulary	42	0	23	10.90	7.966
	Valid N (listwise)	42				
	DISTRICT 6 Vocabulary	199	1	25	16.82	4.819
	Valid N (listwise)	199				
	DISTRICT 8 Vocabulary	269	5	25	15.54	4.750
	Valid N (listwise)	269				
	DISTRICT 9 Vocabulary	4	0	24	11.50	9.849
	Valid N (listwise)	4				
	DISTRICT 10 Vocabulary	101	6	25	17.22	4.194
	Valid N (listwise)	101				
	DISTRICT 11 Vocabulary	849	0	25	15.48	5.146
	Valid N (listwise)	849				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
4	DISTRICT 1	Vocabulary	1275	0	25	16.51	4.576
		Valid N (listwise)	1275				
	DISTRICT 3	Vocabulary	142	5	23	14.63	4.720
		Valid N (listwise)	142				
	DISTRICT 4	Vocabulary	83	0	25	16.01	5.297
		Valid N (listwise)	83				
	DISTRICT 5	Vocabulary	16	0	21	10.56	6.377
		Valid N (listwise)	16				
	DISTRICT 6	Vocabulary	280	0	25	14.88	4.572
		Valid N (listwise)	280				
	DISTRICT 7	Vocabulary	32	0	22	13.16	4.274
		Valid N (listwise)	32				
	DISTRICT 8	Vocabulary	147	0	24	14.05	4.243
		Valid N (listwise)	147				
	DISTRICT 9	Vocabulary	36	0	24	16.50	5.950
		Valid N (listwise)	36				
	DISTRICT 10	Vocabulary	103	4	24	14.86	4.327
		Valid N (listwise)	103				
	DISTRICT 11	Vocabulary	812	3	25	15.25	4.383
		Valid N (listwise)	812				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
5	DISTRICT 1	Vocabulary	1321	0	24	19.24	4.439
		Valid N (listwise)	1321				
	DISTRICT 2	Vocabulary	23	13	23	18.61	2.950
		Valid N (listwise)	23				
	DISTRICT 3	Vocabulary	150	3	24	17.19	5.015
		Valid N (listwise)	150				
	DISTRICT 4	Vocabulary	98	0	24	16.37	6.592
		Valid N (listwise)	98				
	DISTRICT 5	Vocabulary	78	0	25	14.37	7.753
		Valid N (listwise)	78				
	DISTRICT 6	Vocabulary	330	3	24	17.19	5.058
		Valid N (listwise)	330				
	DISTRICT 7	Vocabulary	59	0	24	16.86	5.121
		Valid N (listwise)	59				
	DISTRICT 8	Vocabulary	156	5	24	15.42	4.946
		Valid N (listwise)	156				
	DISTRICT 9	Vocabulary	83	0	25	18.16	6.787
		Valid N (listwise)	83				
	DISTRICT 10	Vocabulary	93	3	24	16.65	5.126
		Valid N (listwise)	93				
	DISTRICT 11	Vocabulary	861	0	25	17.36	4.808
		Valid N (listwise)	861				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
6	DISTRICT 1	Vocabulary	1240	0	25	15.95	4.519
		Valid N (listwise)	1240				
	DISTRICT 2	Vocabulary	811	2	25	15.20	4.446
		Valid N (listwise)	811				
	DISTRICT 3	Vocabulary	114	5	23	13.91	4.674
		Valid N (listwise)	114				
	DISTRICT 4	Vocabulary	45	0	24	13.44	6.604
		Valid N (listwise)	45				
	DISTRICT 5	Vocabulary	72	0	22	12.62	4.957
		Valid N (listwise)	72				
	DISTRICT 7	Vocabulary	113	0	21	11.21	3.678
		Valid N (listwise)	113				
	DISTRICT 8	Vocabulary	268	2	23	14.05	4.189
		Valid N (listwise)	268				
	DISTRICT 9	Vocabulary	2	1	6	3.50	3.536
		Valid N (listwise)	2				
	DISTRICT 11	Vocabulary	853	0	25	14.06	4.299
		Valid N (listwise)	853				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
7	DISTRICT 1	Vocabulary	1268	0	25	15.29	4.403
		Valid N (listwise)	1268				
	DISTRICT 2	Vocabulary	744	0	24	14.22	4.302
		Valid N (listwise)	744				
	DISTRICT 4	Vocabulary	3	0	8	2.67	4.619
		Valid N (listwise)	3				
	DISTRICT 5	Vocabulary	17	0	19	5.53	7.090
		Valid N (listwise)	17				
	DISTRICT 7	Vocabulary	100	0	22	11.43	4.135
		Valid N (listwise)	100				
	DISTRICT 8	Vocabulary	247	3	24	12.87	4.358
		Valid N (listwise)	247				
	DISTRICT 9	Vocabulary	17	0	21	6.94	6.149
		Valid N (listwise)	17				
	DISTRICT 11	Vocabulary	735	4	25	13.45	4.230
		Valid N (listwise)	735				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
8	DISTRICT 1	Vocabulary	1271	0	25	15.38	4.074
		Valid N (listwise)	1271				
	DISTRICT 2	Vocabulary	711	0	25	14.46	3.891
		Valid N (listwise)	711				
	DISTRICT 4	Vocabulary	5	1	24	7.40	9.397
		Valid N (listwise)	5				
	DISTRICT 5	Vocabulary	18	0	17	4.61	5.575
		Valid N (listwise)	18				
	DISTRICT 7	Vocabulary	63	2	22	10.78	4.195
		Valid N (listwise)	63				
	DISTRICT 9	Vocabulary	16	0	13	8.31	4.347
		Valid N (listwise)	16				
	DISTRICT 11	Vocabulary	846	0	25	13.78	3.847
		Valid N (listwise)	846				



## Descriptive Statistics

GR		N	Minimum	Maximum	Mean	Std. Deviation
2	Comprehension	3277	0	12	6.30	3.034
	Valid N (listwise)	3277				
3	Comprehension	3380	0	20	9.99	4.318
	Valid N (listwise)	3380				
4	Comprehension	3345	0	20	11.29	4.739
	Valid N (listwise)	3345				
5	Comprehension	3674	0	20	12.96	4.203
	Valid N (listwise)	3674				
6	Comprehension	3944	0	24	13.68	4.052
	Valid N (listwise)	3944				
7	Comprehension	4649	0	20	13.47	3.650
	Valid N (listwise)	4649				
8	Comprehension	4378	0	20	13.88	3.531
	Valid N (listwise)	4378				

**Descriptive Statistics**

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
2	DISTRICT 1	Comprehension	1208	0	12	6.87	2.938
		Valid N (listwise)	1208				
	DISTRICT 2	Comprehension	2	0	7	3.50	4.950
		Valid N (listwise)	2				
	DISTRICT 3	Comprehension	116	1	11	5.67	2.546
		Valid N (listwise)	116				
	DISTRICT 4	Comprehension	277	0	12	5.18	3.569
		Valid N (listwise)	277				
	DISTRICT 5	Comprehension	225	0	12	6.51	3.105
		Valid N (listwise)	225				
	DISTRICT 6	Comprehension	274	0	12	6.52	2.935
		Valid N (listwise)	274				
	DISTRICT 8	Comprehension	176	0	12	5.74	2.786
		Valid N (listwise)	176				
	DISTRICT 9	Comprehension	73	0	12	5.58	4.343
		Valid N (listwise)	73				
	DISTRICT 10	Comprehension	115	0	12	5.92	2.941
		Valid N (listwise)	115				
	DISTRICT 11	Comprehension	811	0	12	6.04	2.779
		Valid N (listwise)	811				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
3	DISTRICT 1	Comprehension	1272	0	19	11.10	3.761
		Valid N (listwise)	1272				
	DISTRICT 3	Comprehension	114	0	18	9.51	3.852
		Valid N (listwise)	114				
	DISTRICT 4	Comprehension	153	0	17	6.10	5.874
		Valid N (listwise)	153				
	DISTRICT 5	Comprehension	290	0	20	8.54	5.524
		Valid N (listwise)	290				
	DISTRICT 6	Comprehension	234	0	17	9.03	4.426
		Valid N (listwise)	234				
	DISTRICT 7	Comprehension	51	0	17	9.39	4.587
		Valid N (listwise)	51				
	DISTRICT 8	Comprehension	268	0	17	9.75	3.366
		Valid N (listwise)	268				
	DISTRICT 9	Comprehension	39	0	18	8.62	7.136
		Valid N (listwise)	39				
	DISTRICT 10	Comprehension	105	3	17	10.22	3.597
		Valid N (listwise)	105				
	DISTRICT 11	Comprehension	854	0	18	9.99	3.828
		Valid N (listwise)	854				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
4	DISTRICT 1	Comprehension	1273	0	20	12.47	4.322
		Valid N (listwise)	1273				
	DISTRICT 3	Comprehension	142	5	20	11.52	3.978
		Valid N (listwise)	142				
	DISTRICT 4	Comprehension	157	0	19	6.71	5.993
		Valid N (listwise)	157				
	DISTRICT 5	Comprehension	313	0	20	10.16	5.339
		Valid N (listwise)	313				
	DISTRICT 6	Comprehension	291	0	20	10.65	4.491
		Valid N (listwise)	291				
	DISTRICT 7	Comprehension	44	0	16	9.18	4.211
		Valid N (listwise)	44				
	DISTRICT 8	Comprehension	148	0	19	10.34	4.062
		Valid N (listwise)	148				
	DISTRICT 9	Comprehension	38	0	20	1.84	4.818
		Valid N (listwise)	38				
	DISTRICT 10	Comprehension	121	0	19	10.85	4.100
		Valid N (listwise)	121				
	DISTRICT 11	Comprehension	818	1	20	11.74	4.017
		Valid N (listwise)	818				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
5	DISTRICT 1	Comprehension	1319	0	20	14.03	3.205
		Valid N (listwise)	1319				
	DISTRICT 2	Comprehension	23	0	18	12.17	5.391
		Valid N (listwise)	23				
	DISTRICT 3	Comprehension	150	5	19	13.80	2.737
		Valid N (listwise)	150				
	DISTRICT 4	Comprehension	162	0	20	8.36	6.095
		Valid N (listwise)	162				
	DISTRICT 5	Comprehension	361	0	20	11.65	5.273
		Valid N (listwise)	361				
	DISTRICT 6	Comprehension	328	0	20	12.70	3.926
		Valid N (listwise)	328				
	DISTRICT 7	Comprehension	71	0	19	13.11	3.868
		Valid N (listwise)	71				
	DISTRICT 8	Comprehension	155	0	20	13.15	3.307
		Valid N (listwise)	155				
	DISTRICT 9	Comprehension	100	0	19	9.38	6.764
		Valid N (listwise)	100				
	DISTRICT 10	Comprehension	141	0	19	11.42	5.151
		Valid N (listwise)	141				
	DISTRICT 11	Comprehension	864	0	20	13.31	3.429
		Valid N (listwise)	864				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
6	DISTRICT 1	Comprehension	1252	0	20	14.65	3.147
		Valid N (listwise)	1252				
	DISTRICT 2	Comprehension	835	0	20	14.21	3.505
		Valid N (listwise)	835				
	DISTRICT 3	Comprehension	114	3	19	14.18	3.356
		Valid N (listwise)	114				
	DISTRICT 4	Comprehension	102	0	20	7.23	7.131
		Valid N (listwise)	102				
	DISTRICT 5	Comprehension	344	0	20	12.41	5.027
		Valid N (listwise)	344				
	DISTRICT 7	Comprehension	155	0	19	10.08	4.821
		Valid N (listwise)	155				
	DISTRICT 8	Comprehension	271	1	19	13.63	3.263
		Valid N (listwise)	271				
	DISTRICT 9	Comprehension	15	0	10	2.33	4.065
		Valid N (listwise)	15				
	DISTRICT 11	Comprehension	856	0	24	13.82	3.446
		Valid N (listwise)	856				

GR	District		N	Minimum	Maximum	Mean	Std. Deviation
7	DISTRICT 1	Comprehension	1271	0	20	14.26	3.216
		Valid N (listwise)	1271				
	DISTRICT 2	Comprehension	753	0	20	13.59	3.510
		Valid N (listwise)	753				
	DISTRICT 4	Comprehension	9	0	7	1.44	2.877
		Valid N (listwise)	9				
	DISTRICT 5	Comprehension	1408	0	20	13.64	3.430
		Valid N (listwise)	1408				
	DISTRICT 7	Comprehension	205	0	19	10.16	4.254
		Valid N (listwise)	205				
	DISTRICT 8	Comprehension	247	0	20	13.00	3.532
		Valid N (listwise)	247				
	DISTRICT 9	Comprehension	22	0	14	5.05	4.933
		Valid N (listwise)	22				
	DISTRICT 11	Comprehension	734	0	20	13.15	3.608
		Valid N (listwise)	734				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
8	DISTRICT 1 Comprehension	1284	0	20	14.23	3.212
	Valid N (listwise)	1284				
	DISTRICT 2 Comprehension	733	0	20	14.35	3.274
	Valid N (listwise)	733				
	DISTRICT 4 Comprehension	9	0	5	.78	1.641
	Valid N (listwise)	9				
	DISTRICT 5 Comprehension	1421	0	20	13.84	3.338
	Valid N (listwise)	1421				
	DISTRICT 7 Comprehension	65	0	18	7.71	4.238
	Valid N (listwise)	65				
	DISTRICT 9 Comprehension	25	0	12	4.72	4.505
	Valid N (listwise)	25				
	DISTRICT 11 Comprehension	841	0	20	13.89	3.378
	Valid N (listwise)	841				



**Descriptive Statistics**

GR		N	Minimum	Maximum	Mean	Std. Deviation
1	Math Total Test	5913	.00	48.00	25.5855	7.36552
	Valid N (listwise)	5913				
2	Math Total Test	4060	.00	48.00	26.6355	8.64849
	Valid N (listwise)	4060				
3	Math Total Test	7041	.00	48.00	29.9766	7.06718
	Valid N (listwise)	7041				
4	Math Total Test	6989	.00	48.00	31.9319	7.90761
	Valid N (listwise)	6989				
5	Math Total Test	7249	.00	48.00	30.9078	8.53900
	Valid N (listwise)	7249				
6	Math Total Test	6343	.00	48.00	30.8409	7.92465
	Valid N (listwise)	6343				
7	Math Total Test	5097	.00	48.00	29.6025	9.41035
	Valid N (listwise)	5097				
8	Math Total Test	5043	.00	48.00	29.7827	9.16281
	Valid N (listwise)	5043				

**Descriptive Statistics**

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
1	DISTRICT1 Math Total Test	1206	.00	47.00	26.9237	7.51690
	Valid N (listwise)	1206				
	DISTRICT2 Math Total Test	52	2.00	14.00	9.4231	2.21710
	Valid N (listwise)	52				
	DISTRICT3 Math Total Test	84	7.00	44.00	25.5952	7.55401
	Valid N (listwise)	84				
	DISTRICT4 Math Total Test	2247	.00	45.00	26.0694	6.63544
	Valid N (listwise)	2247				
	DISTRICT5 Math Total Test	768	.00	48.00	24.7656	7.40747
	Valid N (listwise)	768				
	DISTRICT7 Math Total Test	7	4.00	11.00	7.4286	2.63674
	Valid N (listwise)	7				
	DISTRICT8 Math Total Test	156	2.00	36.00	17.5641	8.61445
	Valid N (listwise)	156				
	DISTRICT9 Math Total Test	524	7.00	46.00	28.2366	6.98546
	Valid N (listwise)	524				
	DISTRICT10 Math Total Test	65	12.00	36.00	23.6462	5.08192
	Valid N (listwise)	65				
	DISTRICT11 Math Total Test	804	.00	47.00	24.1965	6.44499
	Valid N (listwise)	804				

GR		N	Minimum	Maximum	Mean	Std. Deviation
2	DISTRICT1 Math Total Test	41	.00	41.00	18.4146	10.82815
	Valid N (listwise)	41				
	DISTRICT2 Math Total Test	49	.00	39.00	16.6735	10.17429
	Valid N (listwise)	49				
	DISTRICT3 Math Total Test	8	20.00	28.00	23.0000	3.29502
	Valid N (listwise)	8				
	DISTRICT4 Math Total Test	2411	.00	46.00	28.3550	6.97798
	Valid N (listwise)	2411				
	DISTRICT5 Math Total Test	366	.00	46.00	25.8224	8.64418
	Valid N (listwise)	366				
	DISTRICT6 Math Total Test	7	.00	1.00	.2857	.48795
	Valid N (listwise)	7				
	DISTRICT7 Math Total Test	33	5.00	31.00	14.2121	7.21438
	Valid N (listwise)	33				
	DISTRICT8 Math Total Test	174	.00	45.00	19.4310	9.91253
	Valid N (listwise)	174				
	DISTRICT9 Math Total Test	561	10.00	48.00	30.6310	7.17045
	Valid N (listwise)	561				
	DISTRICT10 Math Total Test	95	.00	44.00	18.8526	11.53899
	Valid N (listwise)	95				
	DISTRICT11 Math Total Test	315	.00	38.00	18.2286	7.61317
	Valid N (listwise)	315				

GR		N	Minimum	Maximum	Mean	Std. Deviation
3	DISTRICT1 Math Total Test	1280	.00	47.00	31.3055	6.43701
	Valid N (listwise)	1280				
	DISTRICT2 Math Total Test	4	14.00	22.00	18.2500	3.50000
	Valid N (listwise)	4				
	DISTRICT4 Math Total Test	2455	.00	48.00	30.6257	6.36473
	Valid N (listwise)	2455				
	DISTRICT5 Math Total Test	1536	.00	48.00	29.5729	6.97300
	Valid N (listwise)	1536				
	DISTRICT6 Math Total Test	21	.00	40.00	23.8095	13.05611
	Valid N (listwise)	21				
	DISTRICT7 Math Total Test	36	6.00	39.00	17.5278	8.10815
	Valid N (listwise)	36				
	DISTRICT8 Math Total Test	155	4.00	43.00	17.7871	9.19979
	Valid N (listwise)	155				
	DISTRICT9 Math Total Test	608	.00	47.00	32.4293	7.01692
	Valid N (listwise)	608				
	DISTRICT10 Math Total Test	97	18.00	40.00	29.7629	5.78751
	Valid N (listwise)	97				
	DISTRICT11 Math Total Test	849	.00	48.00	28.0554	6.18012
	Valid N (listwise)	849				

GR		N	Minimum	Maximum	Mean	Std. Deviation
4	DISTRICT1 Math Total Test	1273	7.00	48.00	33.7793	7.31001
	Valid N (listwise)	1273				
	DISTRICT3 Math Total Test	138	9.00	45.00	29.4493	8.74545
	Valid N (listwise)	138				
	DISTRICT4 Math Total Test	2276	.00	47.00	32.0009	7.33284
	Valid N (listwise)	2276				
	DISTRICT5 Math Total Test	1458	.00	48.00	30.9774	7.74996
	Valid N (listwise)	1458				
	DISTRICT6 Math Total Test	89	.00	45.00	30.4494	8.11566
	Valid N (listwise)	89				
	DISTRICT7 Math Total Test	37	.00	41.00	26.2973	9.73500
	Valid N (listwise)	37				
	DISTRICT8 Math Total Test	147	.00	46.00	18.9184	11.09394
	Valid N (listwise)	147				
	DISTRICT9 Math Total Test	646	10.00	48.00	35.3127	7.24166
	Valid N (listwise)	646				
	DISTRICT10 Math Total Test	130	12.00	45.00	30.9692	7.44691
	Valid N (listwise)	130				
	DISTRICT11 Math Total Test	795	6.00	46.00	31.2025	7.07929
	Valid N (listwise)	795				

GR		N	Minimum	Maximum	Mean	Std. Deviation
5	DISTRICT1 Math Total Test	1323	12.00	48.00	34.0333	7.06874
	Valid N (listwise)	1323				
	DISTRICT2 Math Total Test	78	4.00	46.00	30.8333	7.04054
	Valid N (listwise)	78				
	DISTRICT3 Math Total Test	88	6.00	47.00	22.3864	11.63470
	Valid N (listwise)	88				
	DISTRICT4 Math Total Test	2374	1.00	48.00	29.8159	8.40701
	Valid N (listwise)	2374				
	DISTRICT5 Math Total Test	1466	.00	48.00	30.8356	7.44790
	Valid N (listwise)	1466				
	DISTRICT6 Math Total Test	158	.00	47.00	28.8734	8.76351
	Valid N (listwise)	158				
	DISTRICT7 Math Total Test	54	.00	45.00	19.0556	12.69440
	Valid N (listwise)	54				
	DISTRICT8 Math Total Test	150	3.00	46.00	15.1000	9.97968
	Valid N (listwise)	150				
	DISTRICT9 Math Total Test	602	4.00	48.00	35.8239	7.53995
	Valid N (listwise)	602				
	DISTRICT10 Math Total Test	110	10.00	44.00	29.6000	6.86729
	Valid N (listwise)	110				
	DISTRICT11 Math Total Test	846	4.00	47.00	30.7139	6.91972
	Valid N (listwise)	846				

GR		N	Minimum	Maximum	Mean	Std. Deviation
6	DISTRICT1 Math Total Test	1253	.00	48.00	33.0886	7.53136
	Valid N (listwise)	1253				
	DISTRICT2 Math Total Test	234	1.00	48.00	28.6325	8.13312
	Valid N (listwise)	234				
	DISTRICT3 Math Total Test	108	9.00	45.00	30.0926	7.57336
	Valid N (listwise)	108				
	DISTRICT4 Math Total Test	1347	2.00	48.00	31.6823	7.78968
	Valid N (listwise)	1347				
	DISTRICT5 Math Total Test	1473	.00	48.00	30.2532	7.72315
	Valid N (listwise)	1473				
	DISTRICT7 Math Total Test	193	.00	41.00	21.4767	7.31442
	Valid N (listwise)	193				
	DISTRICT8 Math Total Test	271	14.00	45.00	28.2546	6.17505
	Valid N (listwise)	271				
	DISTRICT9 Math Total Test	629	.00	48.00	34.3593	7.67998
	Valid N (listwise)	629				
	DISTRICT11 Math Total Test	835	.00	48.00	28.2168	6.69333
	Valid N (listwise)	835				

GR		N	Minimum	Maximum	Mean	Std. Deviation
7	DISTRICT1 Math Total Test	1272	7.00	48.00	32.5000	8.72898
	Valid N (listwise)	1272				
	DISTRICT2 Math Total Test	224	.00	47.00	28.4955	8.03747
	Valid N (listwise)	224				
	DISTRICT4 Math Total Test	507	8.00	48.00	31.7278	8.57177
	Valid N (listwise)	507				
	DISTRICT5 Math Total Test	1370	.00	48.00	27.5051	10.03058
	Valid N (listwise)	1370				
	DISTRICT7 Math Total Test	160	.00	37.00	21.1500	8.70639
	Valid N (listwise)	160				
	DISTRICT8 Math Total Test	246	10.00	48.00	27.4065	7.88109
	Valid N (listwise)	246				
	DISTRICT9 Math Total Test	599	.00	48.00	32.3973	9.24992
	Valid N (listwise)	599				
	DISTRICT11 Math Total Test	719	4.00	48.00	27.6231	8.11554
	Valid N (listwise)	719				



GR			N	Minimum	Maximum	Mean	Std. Deviation
8	DISTRICT1	Math Total Test	1276	6.00	48.00	31.9585	8.42111
		Valid N (listwise)	1276				
	DISTRICT2	Math Total Test	256	.00	47.00	26.0078	8.93725
		Valid N (listwise)	256				
	DISTRICT4	Math Total Test	541	3.00	48.00	30.6747	8.97246
		Valid N (listwise)	541				
	DISTRICT5	Math Total Test	1473	.00	48.00	28.3829	9.48905
		Valid N (listwise)	1473				
	DISTRICT7	Math Total Test	135	1.00	48.00	26.1926	10.53388
		Valid N (listwise)	135				
	DISTRICT9	Math Total Test	569	4.00	48.00	34.0158	9.14446
		Valid N (listwise)	569				
	DISTRICT11	Math Total Test	793	5.00	46.00	27.0656	7.39835
		Valid N (listwise)	793				

a. No statistics are computed for one or more split files because there are no valid cases.

**Descriptive Statistics**

GR		N	Minimum	Maximum	Mean	Std. Deviation
1	Math Subtest 1	5766	0	16	9.00	3.203
	Valid N (listwise)	5766				
2	Math Subtest 1	3839	0	16	9.35	2.713
	Valid N (listwise)	3839				
3	Math Subtest 1	7008	0	16	9.20	2.589
	Valid N (listwise)	7008				
4	Math Subtest 1	6907	0	16	10.05	3.086
	Valid N (listwise)	6907				
5	Math Subtest 1	7021	0	16	10.37	2.762
	Valid N (listwise)	7021				
6	m Math Subtest 1	6288	0	16	8.50	2.984
	Valid N (listwise)	6288				
7	Math Subtest 1	5000	0	16	11.79	3.454
	Valid N (listwise)	5000				
8	Math Subtest 1	5003	0	16	8.75	3.215
	Valid N (listwise)	5003				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
1	DISTRICT1 Math Subtest 1	1196	0	16	9.00	3.387
	Valid N (listwise)	1196				
	DISTRICT2 Math Subtest 1	24	2	12	8.38	2.318
	Valid N (listwise)	24				
	DISTRICT3 Math Subtest 1	84	0	16	9.17	3.393
	Valid N (listwise)	84				
	DISTRICT4 Math Subtest 1	2211	0	16	9.26	3.059
	Valid N (listwise)	2211				
	DISTRICT5 Math Subtest 1	725	0	16	8.82	3.211
	Valid N (listwise)	725				
	DISTRICT7 Math Subtest 1	7	4	9	6.57	1.512
	Valid N (listwise)	7				
	DISTRICT8 Math Subtest 1	149	0	15	7.60	3.238
	Valid N (listwise)	149				
	DISTRICT9 Math Subtest 1	521	0	16	10.21	3.076
	Valid N (listwise)	521				
	DISTRICT10 Math Subtest 1	65	1	14	7.43	2.646
	Valid N (listwise)	65				
	DISTRICT11 Math Subtest 1	784	0	16	8.01	3.001
	Valid N (listwise)	784				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
2	DISTRICT1 Math Subtest 1	32	0	16	8.16	4.833
	Valid N (listwise)	32				
	DISTRICT2 Math Subtest 1	20	0	13	8.00	3.228
	Valid N (listwise)	20				
	DISTRICT3 Math Subtest 1	8	4	14	8.00	4.000
	Valid N (listwise)	8				
	DISTRICT4 Math Subtest 1	2390	1	16	9.47	2.612
	Valid N (listwise)	2390				
	DISTRICT5 Math Subtest 1	342	1	16	9.09	2.652
	Valid N (listwise)	342				
	DISTRICT6 Math Subtest 1	1	1	1	1.00	.
	Valid N (listwise)	1				
	DISTRICT7 Math Subtest 1	29	2	14	8.41	2.680
	Valid N (listwise)	29				
	DISTRICT8 Math Subtest 1	170	3	15	9.36	2.468
	Valid N (listwise)	170				
	DISTRICT9 Math Subtest 1	559	3	16	9.76	2.649
	Valid N (listwise)	559				
	DISTRICT10 Math Subtest 1	49	0	16	10.41	3.640
	Valid N (listwise)	49				
	DISTRICT11 Math Subtest 1	239	0	15	7.82	2.730
	Valid N (listwise)	239				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
3	DISTRICT1 Math Subtest 1	1278	0	16	9.41	2.614
	Valid N (listwise)	1278				
	DISTRICT2 Math Subtest 1	4	8	11	10.00	1.414
	Valid N (listwise)	4				
	DISTRICT4 Math Subtest 1	2449	1	16	9.43	2.508
	Valid N (listwise)	2449				
	DISTRICT5 Math Subtest 1	1522	0	16	9.02	2.593
	Valid N (listwise)	1522				
	DISTRICT6 Math Subtest 1	17	3	12	9.18	2.531
	Valid N (listwise)	17				
	DISTRICT7 Math Subtest 1	35	2	13	7.89	2.285
Valid N (listwise)	35					
DISTRICT8 Math Subtest 1	154	3	15	8.49	2.455	
Valid N (listwise)	154					
DISTRICT9 Math Subtest 1	606	0	16	9.83	2.706	
Valid N (listwise)	606					
DISTRICT10 Math Subtest 1	97	3	14	9.28	2.418	
Valid N (listwise)	97					
DISTRICT11 Math Subtest 1	846	0	16	8.24	2.438	
Valid N (listwise)	846					

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
4	DISTRICT1 Math Subtest 1	1271	1	16	10.58	3.126
	Valid N (listwise)	1271				
	DISTRICT3 Math Subtest 1	136	2	16	9.19	2.922
	Valid N (listwise)	136				
	DISTRICT4 Math Subtest 1	2239	0	16	10.07	2.964
	Valid N (listwise)	2239				
	DISTRICT5 Math Subtest 1	1425	0	16	9.57	3.035
	Valid N (listwise)	1425				
	DISTRICT6 Math Subtest 1	87	0	16	9.53	3.042
	Valid N (listwise)	87				
	DISTRICT7 Math Subtest 1	36	4	16	8.83	2.833
	Valid N (listwise)	36				
	DISTRICT8 Math Subtest 1	144	0	16	9.51	3.075
	Valid N (listwise)	144				
	DISTRICT9 Math Subtest 1	645	2	16	11.37	3.180
	Valid N (listwise)	645				
	DISTRICT10 Math Subtest 1	130	3	16	9.48	3.103
	Valid N (listwise)	130				
	DISTRICT11 Math Subtest 1	794	1	16	9.42	2.943
	Valid N (listwise)	794				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
5	DISTRICT1 Math Subtest 1	1320	0	16	10.93	2.860
	Valid N (listwise)	1320				
	DISTRICT2 Math Subtest 1	78	1	16	9.99	2.616
	Valid N (listwise)	78				
	DISTRICT3 Math Subtest 1	88	6	16	10.34	2.416
	Valid N (listwise)	88				
	DISTRICT4 Math Subtest 1	2215	1	16	10.18	2.554
	Valid N (listwise)	2215				
	DISTRICT5 Math Subtest 1	1458	0	16	10.14	2.695
	Valid N (listwise)	1458				
	DISTRICT6 Math Subtest 1	150	0	16	9.61	3.008
	Valid N (listwise)	150				
	DISTRICT7 Math Subtest 1	49	1	14	8.88	3.025
	Valid N (listwise)	49				
	DISTRICT8 Math Subtest 1	111	3	16	10.47	2.635
	Valid N (listwise)	111				
	DISTRICT9 Math Subtest 1	599	0	16	11.69	2.967
	Valid N (listwise)	599				
	DISTRICT10 Math Subtest 1	110	3	15	9.66	2.800
	Valid N (listwise)	110				
	DISTRICT11 Math Subtest 1	843	2	16	9.82	2.645
	Valid N (listwise)	843				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
6	DISTRICT1 Math Subtest 1	1249	2	16	9.28	3.081
	Valid N (listwise)	1249				
	DISTRICT2 Math Subtest 1	227	2	16	8.34	2.658
	Valid N (listwise)	227				
	DISTRICT3 Math Subtest 1	106	2	15	8.09	2.440
	Valid N (listwise)	106				
	DISTRICT4 Math Subtest 1	1332	0	16	8.64	2.864
	Valid N (listwise)	1332				
	DISTRICT5 Math Subtest 1	1456	0	16	8.03	2.783
	Valid N (listwise)	1456				
	DISTRICT7 Math Subtest 1	184	0	14	7.01	2.477
	Valid N (listwise)	184				
	DISTRICT8 Math Subtest 1	271	3	15	7.50	2.590
	Valid N (listwise)	271				
	DISTRICT9 Math Subtest 1	628	0	16	10.11	3.240
	Valid N (listwise)	628				
	DISTRICT11 Math Subtest 1	835	0	16	7.49	2.670
	Valid N (listwise)	835				



GR	District	N	Minimum	Maximum	Mean	Std. Deviation
7	DISTRICT1 Math Subtest 1	1264	2	16	12.36	3.193
	Valid N (listwise)	1264				
	DISTRICT2 Math Subtest 1	218	0	16	11.94	3.315
	Valid N (listwise)	218				
	DISTRICT4 Math Subtest 1	505	3	16	12.13	3.237
	Valid N (listwise)	505				
	DISTRICT5 Math Subtest 1	1307	0	16	11.44	3.551
	Valid N (listwise)	1307				
	DISTRICT7 Math Subtest 1	157	0	16	9.75	4.051
	Valid N (listwise)	157				
DISTRICT8 Math Subtest 1	245	1	16	10.87	3.568	
Valid N (listwise)	245					
DISTRICT9 Math Subtest 1	590	0	16	12.44	3.189	
Valid N (listwise)	590					
DISTRICT11 Math Subtest 1	714	1	16	11.35	3.568	
Valid N (listwise)	714					

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
8	DISTRICT1 Math Subtest 1	1274	1	16	8.92	3.249
	Valid N (listwise)	1274				
	DISTRICT2 Math Subtest 1	254	0	16	8.02	2.802
	Valid N (listwise)	254				
	DISTRICT4 Math Subtest 1	541	1	16	8.89	3.014
	Valid N (listwise)	541				
	DISTRICT5 Math Subtest 1	1445	0	16	8.65	3.098
	Valid N (listwise)	1445				
	DISTRICT7 Math Subtest 1	132	1	16	8.45	3.593
	Valid N (listwise)	132				
	DISTRICT9 Math Subtest 1	568	1	16	10.46	3.572
	Valid N (listwise)	568				
	DISTRICT11 Math Subtest 1	789	1	16	7.61	2.694
	Valid N (listwise)	789				

a. No statistics are computed for one or more split files because there are no valid cases.

**Descriptive Statistics**

GR		N	Minimum	Maximum	Mean	Std. Deviation
1	Math Subtest 2	5810	0	16	10.92	2.675
	Valid N (listwise)	5810				
2	Math Subtest 2	3781	0	16	10.10	2.710
	Valid N (listwise)	3781				
3	Math Subtest 2	6921	0	16	12.15	2.131
	Valid N (listwise)	6921				
4	Math Subtest 2	6886	0	16	12.00	2.182
	Valid N (listwise)	6886				
5	Math Subtest 2	7078	0	16	11.37	2.443
	Valid N (listwise)	7078				
6	Math Subtest 2	6292	0	16	11.43	2.872
	Valid N (listwise)	6292				
7	Math Subtest 2	5051	0	16	8.54	3.263
	Valid N (listwise)	5051				
8	Math Subtest 2	4824	0	16	10.17	3.372
	Valid N (listwise)	4824				

**Descriptive Statistics**

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
1	DISTRICT1 Math Subtest 2	1201	0	16	11.45	2.636
	Valid N (listwise)	1201				
	DISTRICT2 Math Subtest 2	28	6	14	9.93	2.124
	Valid N (listwise)	28				
	DISTRICT3 Math Subtest 2	84	3	16	10.57	2.938
	Valid N (listwise)	84				
	DISTRICT4 Math Subtest 2	2242	0	16	10.84	2.578
	Valid N (listwise)	2242				
	DISTRICT5 Math Subtest 2	764	0	16	10.74	2.828
	Valid N (listwise)	764				
	DISTRICT8 Math Subtest 2	106	3	15	9.75	2.808
Valid N (listwise)	106					
DISTRICT9 Math Subtest 2	524	0	16	11.32	2.648	
Valid N (listwise)	524					
DISTRICT10 Math Subtest 2	65	1	14	10.52	2.587	
Valid N (listwise)	65					
DISTRICT11 Math Subtest 2	796	0	16	10.52	2.676	
Valid N (listwise)	796					

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
2	DISTRICT1 Math Subtest 2	35	0	15	9.00	4.109
	Valid N (listwise)	35				
	DISTRICT2 Math Subtest 2	45	0	15	10.56	2.865
	Valid N (listwise)	45				
	DISTRICT3 Math Subtest 2	8	9	11	9.50	.926
	Valid N (listwise)	8				
	DISTRICT4 Math Subtest 2	2408	0	16	10.05	2.614
	Valid N (listwise)	2408				
	DISTRICT5 Math Subtest 2	360	0	16	10.38	2.765
	Valid N (listwise)	360				
	DISTRICT6 Math Subtest 2	1	1	1	1.00	.
	Valid N (listwise)	1				
	DISTRICT7 Math Subtest 2	6	1	10	6.83	3.125
	Valid N (listwise)	6				
	DISTRICT8 Math Subtest 2	102	0	16	9.11	3.108
	Valid N (listwise)	102				
	DISTRICT9 Math Subtest 2	561	4	16	10.94	2.496
	Valid N (listwise)	561				
	DISTRICT10 Math Subtest 2	93	0	16	9.17	2.632
	Valid N (listwise)	93				
	DISTRICT11 Math Subtest 2	162	0	15	8.80	2.943
	Valid N (listwise)	162				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
3	DISTRICT1 Math Subtest 2	1279	0	16	12.40	2.020
	Valid N (listwise)	1279				
	DISTRICT4 Math Subtest 2	2454	0	16	12.12	2.051
	Valid N (listwise)	2454				
	DISTRICT5 Math Subtest 2	1529	0	16	11.98	2.264
	Valid N (listwise)	1529				
	DISTRICT6 Math Subtest 2	17	9	15	12.35	1.455
	Valid N (listwise)	17				
	DISTRICT7 Math Subtest 2	17	0	16	9.76	3.800
	Valid N (listwise)	17				
	DISTRICT8 Math Subtest 2	76	8	15	11.55	1.692
Valid N (listwise)	76					
DISTRICT9 Math Subtest 2	605	4	16	12.90	2.029	
Valid N (listwise)	605					
DISTRICT10 Math Subtest 2	97	5	16	12.03	1.987	
Valid N (listwise)	97					
DISTRICT11 Math Subtest 2	847	0	16	11.77	2.174	
Valid N (listwise)	847					

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
4	DISTRICT1 Math Subtest 2	1272	1	16	12.38	2.160
	Valid N (listwise)	1272				
	DISTRICT3 Math Subtest 2	138	2	15	11.23	2.631
	Valid N (listwise)	138				
	DISTRICT4 Math Subtest 2	2268	3	16	11.98	2.077
	Valid N (listwise)	2268				
	DISTRICT5 Math Subtest 2	1456	0	16	11.75	2.092
	Valid N (listwise)	1456				
	DISTRICT6 Math Subtest 2	88	1	15	11.73	2.472
	Valid N (listwise)	88				
	DISTRICT7 Math Subtest 2	30	6	15	11.93	2.149
Valid N (listwise)	30					
DISTRICT8 Math Subtest 2	69	0	16	10.94	2.695	
Valid N (listwise)	69					
DISTRICT9 Math Subtest 2	644	4	16	12.60	2.108	
Valid N (listwise)	644					
DISTRICT10 Math Subtest 2	129	4	16	11.69	2.394	
Valid N (listwise)	129					
DISTRICT11 Math Subtest 2	792	2	16	11.72	2.325	
Valid N (listwise)	792					

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
5	DISTRICT1 Math Subtest 2	1320	5	16	11.74	2.333
	Valid N (listwise)	1320				
	DISTRICT2 Math Subtest 2	77	0	15	11.16	2.487
	Valid N (listwise)	77				
	DISTRICT3 Math Subtest 2	52	3	15	10.69	2.867
	Valid N (listwise)	52				
	DISTRICT4 Math Subtest 2	2353	0	16	11.17	2.369
	Valid N (listwise)	2353				
	DISTRICT5 Math Subtest 2	1458	3	16	11.11	2.433
	Valid N (listwise)	1458				
	DISTRICT6 Math Subtest 2	154	3	16	11.10	2.404
	Valid N (listwise)	154				
	DISTRICT7 Math Subtest 2	31	1	15	9.90	2.959
	Valid N (listwise)	31				
	DISTRICT8 Math Subtest 2	75	3	15	10.03	2.620
	Valid N (listwise)	75				
	DISTRICT9 Math Subtest 2	602	4	16	12.55	2.349
	Valid N (listwise)	602				
	DISTRICT10 Math Subtest 2	110	0	16	10.55	3.067
	Valid N (listwise)	110				
	DISTRICT11 Math Subtest 2	846	3	16	11.31	2.387
	Valid N (listwise)	846				



GR	District	N	Minimum	Maximum	Mean	Std. Deviation
6	DISTRICT1 Math Subtest 2	1253	0	16	11.82	2.833
	Valid N (listwise)	1253				
	DISTRICT2 Math Subtest 2	228	1	16	10.52	2.592
	Valid N (listwise)	228				
	DISTRICT3 Math Subtest 2	108	4	16	11.44	2.725
	Valid N (listwise)	108				
	DISTRICT4 Math Subtest 2	1319	0	16	11.95	2.707
	Valid N (listwise)	1319				
	DISTRICT5 Math Subtest 2	1470	0	16	11.97	2.886
	Valid N (listwise)	1470				
	DISTRICT7 Math Subtest 2	179	0	15	8.81	3.020
	Valid N (listwise)	179				
	DISTRICT8 Math Subtest 2	271	3	16	10.20	2.367
	Valid N (listwise)	271				
	DISTRICT9 Math Subtest 2	629	0	16	11.72	2.617
	Valid N (listwise)	629				
	DISTRICT11 Math Subtest 2	835	0	16	10.04	2.618
	Valid N (listwise)	835				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
7	DISTRICT1 Math Subtest 2	1271	0	16	9.26	3.408
	Valid N (listwise)	1271				
	DISTRICT2 Math Subtest 2	218	0	15	7.19	2.794
	Valid N (listwise)	218				
	DISTRICT4 Math Subtest 2	507	1	16	9.04	3.031
	Valid N (listwise)	507				
	DISTRICT5 Math Subtest 2	1367	0	16	8.39	3.272
	Valid N (listwise)	1367				
	DISTRICT7 Math Subtest 2	125	0	12	6.75	2.520
	Valid N (listwise)	125				
	DISTRICT8 Math Subtest 2	246	1	16	7.57	2.687
	Valid N (listwise)	246				
	DISTRICT9 Math Subtest 2	599	0	16	9.57	3.453
	Valid N (listwise)	599				
	DISTRICT11 Math Subtest 2	718	1	16	7.42	2.632
	Valid N (listwise)	718				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
8	DISTRICT1 Math Subtest 2	1271	0	16	10.81	3.352
	Valid N (listwise)	1271				
	DISTRICT2 Math Subtest 2	208	0	16	10.00	2.887
	Valid N (listwise)	208				
	DISTRICT4 Math Subtest 2	510	0	16	10.47	3.530
	Valid N (listwise)	510				
	DISTRICT5 Math Subtest 2	1371	1	16	9.78	3.375
	Valid N (listwise)	1371				
	DISTRICT7 Math Subtest 2	124	0	16	8.99	3.500
	Valid N (listwise)	124				
	DISTRICT9 Math Subtest 2	554	0	16	11.43	3.173
	Valid N (listwise)	554				
	DISTRICT11 Math Subtest 2	786	1	16	8.95	2.950
	Valid N (listwise)	786				

a. No statistics are computed for one or more split files because there are no valid cases.

**Descriptive Statistics**

GR		N	Minimum	Maximum	Mean	Std. Deviation
1	Math Subtest 3	5640	0	16	6.38	2.634
	Valid N (listwise)	5640				
2	Math Subtest 3	3753	0	16	9.07	3.120
	Valid N (listwise)	3753				
3	Math Subtest 3	6889	0	16	9.07	3.152
	Valid N (listwise)	6889				
4	Math Subtest 3	6775	0	16	10.50	2.985
	Valid N (listwise)	6775				
5	Math Subtest 3	6796	0	16	10.41	3.387
	Valid N (listwise)	6796				
6	Math Subtest 3	6141	0	16	11.44	2.899
	Valid N (listwise)	6141				
7	Math Subtest 3	4855	0	16	10.05	3.390
	Valid N (listwise)	4855				
8	Math Subtest 3	4945	0	16	11.60	3.309
	Valid N (listwise)	4945				

**Descriptive Statistics**

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
1	DISTRICT1 Math Subtest 3	1193	0	16	6.67	3.024
	Valid N (listwise)	1193				
	DISTRICT2 Math Subtest 3	2	5	6	5.50	.707
	Valid N (listwise)	2				
	DISTRICT3 Math Subtest 3	82	0	13	6.00	2.828
	Valid N (listwise)	82				
	DISTRICT4 Math Subtest 3	2191	0	16	6.30	2.427
	Valid N (listwise)	2191				
	DISTRICT5 Math Subtest 3	703	0	16	6.29	2.519
	Valid N (listwise)	703				
	DISTRICT7 Math Subtest 3	3	0	4	2.00	2.000
	Valid N (listwise)	3				
	DISTRICT8 Math Subtest 3	104	1	10	5.53	2.260
	Valid N (listwise)	104				
	DISTRICT9 Math Subtest 3	516	0	16	6.87	2.886
	Valid N (listwise)	516				
	DISTRICT10 Math Subtest 3	63	0	12	5.87	2.297
	Valid N (listwise)	63				
	DISTRICT11 Math Subtest 3	783	0	16	6.14	2.426
	Valid N (listwise)	783				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
2	DISTRICT1 Math Subtest 3	26	0	15	6.88	4.752
	Valid N (listwise)	26				
	DISTRICT2 Math Subtest 3	18	6	16	10.11	3.085
	Valid N (listwise)	18				
	DISTRICT3 Math Subtest 3	8	3	8	5.50	2.673
	Valid N (listwise)	8				
	DISTRICT4 Math Subtest 3	2383	0	16	9.03	3.011
	Valid N (listwise)	2383				
	DISTRICT5 Math Subtest 3	280	0	16	9.30	3.094
	Valid N (listwise)	280				
	DISTRICT6 Math Subtest 3	5	0	0	.00	.000
	Valid N (listwise)	5				
	DISTRICT7 Math Subtest 3	26	2	12	7.08	2.827
	Valid N (listwise)	26				
	DISTRICT8 Math Subtest 3	99	2	16	8.69	2.809
	Valid N (listwise)	99				
	DISTRICT9 Math Subtest 3	554	0	16	10.09	3.216
	Valid N (listwise)	554				
	DISTRICT10 Math Subtest 3	47	4	15	9.11	3.198
	Valid N (listwise)	47				
	DISTRICT11 Math Subtest 3	307	2	16	7.98	2.893
	Valid N (listwise)	307				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
3	DISTRICT1 Math Subtest 3	1273	1	16	9.57	3.119
	Valid N (listwise)	1273				
	DISTRICT2 Math Subtest 3	4	6	12	8.25	2.872
	Valid N (listwise)	4				
	DISTRICT4 Math Subtest 3	2445	1	16	9.14	3.056
	Valid N (listwise)	2445				
	DISTRICT5 Math Subtest 3	1506	1	16	8.89	3.301
	Valid N (listwise)	1506				
	DISTRICT6 Math Subtest 3	21	0	15	6.38	4.801
	Valid N (listwise)	21				
	DISTRICT7 Math Subtest 3	26	2	15	7.27	3.639
	Valid N (listwise)	26				
	DISTRICT8 Math Subtest 3	75	4	14	7.61	2.253
	Valid N (listwise)	75				
	DISTRICT9 Math Subtest 3	599	1	16	9.94	3.129
	Valid N (listwise)	599				
	DISTRICT10 Math Subtest 3	97	2	15	8.45	2.689
	Valid N (listwise)	97				
	DISTRICT11 Math Subtest 3	843	0	16	8.17	2.910
	Valid N (listwise)	843				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
4	DISTRICT1 Math Subtest 3	1268	0	16	10.89	3.002
	Valid N (listwise)	1268				
	DISTRICT3 Math Subtest 3	124	2	16	10.19	3.154
	Valid N (listwise)	124				
	DISTRICT4 Math Subtest 3	2229	1	16	10.37	2.897
	Valid N (listwise)	2229				
	DISTRICT5 Math Subtest 3	1409	0	16	10.23	3.066
	Valid N (listwise)	1409				
	DISTRICT6 Math Subtest 3	84	0	16	10.11	3.124
	Valid N (listwise)	84				
	DISTRICT7 Math Subtest 3	31	0	15	9.58	3.443
Valid N (listwise)	31					
DISTRICT8 Math Subtest 3	70	3	15	9.39	2.845	
Valid N (listwise)	70					
DISTRICT9 Math Subtest 3	642	3	16	11.47	2.744	
Valid N (listwise)	642					
DISTRICT10 Math Subtest 3	129	2	16	9.96	3.035	
Valid N (listwise)	129					
DISTRICT11 Math Subtest 3	789	2	16	10.20	2.949	
Valid N (listwise)	789					



GR	District	N	Minimum	Maximum	Mean	Std. Deviation
5	DISTRICT1 Math Subtest 3	1321	1	16	11.42	3.257
	Valid N (listwise)	1321				
	DISTRICT2 Math Subtest 3	77	2	16	9.96	3.294
	Valid N (listwise)	77				
	DISTRICT3 Math Subtest 3	52	4	16	9.69	3.190
	Valid N (listwise)	52				
	DISTRICT4 Math Subtest 3	2163	0	16	10.15	3.343
	Valid N (listwise)	2163				
	DISTRICT5 Math Subtest 3	1433	0	16	9.93	3.382
	Valid N (listwise)	1433				
	DISTRICT6 Math Subtest 3	145	0	16	9.73	3.575
	Valid N (listwise)	145				
	DISTRICT7 Math Subtest 3	31	0	16	9.26	4.123
	Valid N (listwise)	31				
	DISTRICT8 Math Subtest 3	35	4	16	10.03	3.443
	Valid N (listwise)	35				
	DISTRICT9 Math Subtest 3	596	1	16	11.77	3.216
	Valid N (listwise)	596				
	DISTRICT10 Math Subtest 3	109	3	16	9.47	2.784
	Valid N (listwise)	109				
	DISTRICT11 Math Subtest 3	834	0	16	9.76	3.248
	Valid N (listwise)	834				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
6	DISTRICT1 Math Subtest 3	1244	1	16	12.11	2.691
	Valid N (listwise)	1244				
	DISTRICT2 Math Subtest 3	211	4	16	11.41	2.718
	Valid N (listwise)	211				
	DISTRICT3 Math Subtest 3	106	4	16	10.91	2.981
	Valid N (listwise)	106				
	DISTRICT4 Math Subtest 3	1319	0	16	11.67	2.809
	Valid N (listwise)	1319				
	DISTRICT5 Math Subtest 3	1396	1	16	10.94	2.946
	Valid N (listwise)	1396				
	DISTRICT7 Math Subtest 3	141	0	15	9.07	3.070
	Valid N (listwise)	141				
	DISTRICT8 Math Subtest 3	271	0	16	10.56	2.689
	Valid N (listwise)	271				
	DISTRICT9 Math Subtest 3	622	3	16	12.69	2.717
	Valid N (listwise)	622				
	DISTRICT11 Math Subtest 3	831	0	16	10.73	2.766
	Valid N (listwise)	831				

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
7	DISTRICT1 Math Subtest 3	1266	0	16	11.01	3.202
	Valid N (listwise)	1266				
	DISTRICT2 Math Subtest 3	217	2	16	10.19	2.917
	Valid N (listwise)	217				
	DISTRICT4 Math Subtest 3	496	0	16	10.84	3.256
	Valid N (listwise)	496				
	DISTRICT5 Math Subtest 3	1213	0	16	9.29	3.484
	Valid N (listwise)	1213				
	DISTRICT7 Math Subtest 3	126	0	14	8.02	3.152
	Valid N (listwise)	126				
DISTRICT8 Math Subtest 3	245	2	16	9.05	3.006	
Valid N (listwise)	245					
DISTRICT9 Math Subtest 3	584	2	16	10.85	3.313	
Valid N (listwise)	584					
DISTRICT11 Math Subtest 3	708	1	16	9.08	3.187	
Valid N (listwise)	708					

GR	District	N	Minimum	Maximum	Mean	Std. Deviation
8	DISTRICT1 Math Subtest 3	1275	0	16	12.29	3.130
	Valid N (listwise)	1275				
	DISTRICT2 Math Subtest 3	241	0	16	10.54	2.908
	Valid N (listwise)	241				
	DISTRICT4 Math Subtest 3	536	0	16	12.02	3.287
	Valid N (listwise)	536				
	DISTRICT5 Math Subtest 3	1417	0	16	11.21	3.403
	Valid N (listwise)	1417				
	DISTRICT7 Math Subtest 3	130	3	16	10.04	3.648
	Valid N (listwise)	130				
	DISTRICT9 Math Subtest 3	558	0	16	12.70	3.037
	Valid N (listwise)	558				
	DISTRICT11 Math Subtest 3	788	2	16	10.69	3.137
	Valid N (listwise)	788				