

# Acadience Reading K–6 National Norms

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## Introduction

The following report presents national norms for the Acadience® Reading K–6 measures of early literacy skills for kindergarten through sixth grade. The results are presented by grade and time of year for which these measures are used for benchmark assessment (beginning, middle, and end of year). The Acadience Reading national norms presented in this technical report are based on data entered into Acadience Learning’s Acadience Data Management data reporting service from four school years: 2015–16, 2016–17, 2017–18, and 2018–19.

## National and Local Norms

The Acadience Reading national norms presented in this report allow a school or district to compare a student’s performance to other students across the United States. When examined in conjunction with local (school or district) norms, the Acadience Reading national norms can be used as an additional frame of reference for evaluating a student’s early literacy skills. The primary interpretation of Acadience Reading scores, however, should continue to be with respect to the benchmarks. Acadience Reading benchmarks are empirically-derived, criterion-referenced target scores that represent adequate reading progress. If a student achieves a benchmark and is receiving effective, research-based instruction from a core classroom curriculum, the odds are in their favor of achieving later reading outcomes. In order for the odds to be in favor of future reading success, students need to score at or above the benchmark, regardless of where their score falls relative to national or local norms. For more information about the benchmarks, see the *Acadience Reading K–6 Benchmark Goals and Composite Score* document at [www.acadiencelearning.org](http://www.acadiencelearning.org).

In addition, we recommend prioritization of local norms over national norms when interpreting student performance. Local norms allow a school or district to compare an individual student’s performance to other students in the same district. Local norms have the important advantage of being representative of the student’s district, even if they are not necessarily representative of the national population. If the average achievement in a given district is below the national average achievement score, all local percentile ranks would be affected. For instance, a student that earns a score of 70 on Oral Reading Fluency Words Correct (ORF WC) at the middle of third grade would be well below the benchmark goal for the measure. This score would place the student at the 24<sup>th</sup> percentile according to the national norms but may be at the 75<sup>th</sup> percentile on local norms if the average achievement in the district is below the national average. When considering how to utilize limited resources for reading intervention services, this student’s local percentile may indicate lower priority for the limited intervention resources than a student whose scores indicate much lower performance according to local norms. There are times, however, when national norms can provide additional clarification regarding student performance. For example, this same student might appear to have average skills in the local context, but the national normative information clarifies that the student’s skills are below average in a larger context (see Table A). Considering benchmarks, local norms, and Acadience Reading national norms can provide a more complete and nuanced perspective on the student’s skills and needs.

It is also important to consider the characteristics of students in a particular district. For example, a local district may have a very high proportion of English language learners. While the Acadience Reading national norms include English language learners, the proportion may or may not be representative of the local district. A second consideration is the national distribution of demographic characteristics. National norms may be more representative of some states than others. Specific norms for a particular state may be less representative of the nation as a whole, but more representative of students in the state. It is important for district and school leaders to review the demographic information presented in this report in order to assess the relevance of the

Acadience Reading national norms for their student population prior to making decisions about individual students or overall district performance.

For the norm-referenced interpretation of Acadience Reading, performance level descriptors are provided in Table A. The performance descriptors are intended to describe the current skill level for a student in comparison to other students in the Acadience Reading national norm comparison group. They are not intended as statements of achievement and do not reflect what the student is capable of learning with targeted, effective instruction.

**Table A**  
*Levels of Performance*

<b>Percentile Rank Ranges</b>	<b>Performance Descriptors:</b> <i>(Compared to other students in the sample, the student's performance is in the _____ range.)</i>
98 <sup>th</sup> Percentile and Above	Upper Extreme
91 <sup>st</sup> to 97 <sup>th</sup> Percentile	Well-Above Average
76 <sup>th</sup> to 90 <sup>th</sup> Percentile	Above Average
25 <sup>th</sup> to 75 <sup>th</sup> Percentile	Average
9 <sup>th</sup> to 24 <sup>th</sup> Percentile	Below Average
3 <sup>rd</sup> to 8 <sup>th</sup> Percentile	Well-Below Average
2 <sup>nd</sup> Percentile and Below	Lower Extreme

Even when interpreting scores at the percentile level, the purposes of Acadience Reading are still universal screening and progress monitoring to identify students who may need additional instructional supports and monitor their progress toward meaningful goals. A student's future reading ability is unknown and not fixed at the time of initial screening. Instead, reading outcomes are the result of both the student's initial skills and the targeted, differentiated instruction and intervention provided as a direct result of the screening information. If the initial screening indicates a less-than-adequate performance, then the instructional goal is to improve student skills and increase the likelihood of success in the future. For example, if a student's scores reflect Well-Below Average performance relative to national norms on the beginning-of-year kindergarten assessment, then they are likely to need additional instruction support to be successful. The goal is for the student to achieve improved outcomes (i.e., Average or Above Average scores in first grade) as a result of providing targeted, differentiated instruction and early intervention.

### **Description of the Sample**

The percentile ranks for the Acadience Reading national norms are based on a large national sample of school children across the United States. The Acadience Reading data in this sample were collected and entered into Acadience Data Management by school personnel at three benchmark assessment time points (i.e., beginning of year, middle of year, and end of year) during the 2015–16, 2016–17, 2017–18, and 2018–19 school years. The final sample included approximately 1,780,000 students from 4,409 schools within 1,462 school districts, representing every census region in the United States. Demographic information for the final sample was aggregated at the school level from the National Center on Education Statistics website (<http://nces.ed.gov/>) in November of 2018. NCES demographic data were reported for public schools for the 2016–17 school year and for private schools for the 2015–16 school year. Using the demographic data reported at the school level by the NCES, the following percentages by racial/ethnic category were estimated for the sample: 49% White, 26% Hispanic, 15% Black, 5% Asian/Native Hawaiian/Pacific Islander, 1% Native American/Alaska

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Native, and 4% multiracial. The average free and reduced lunch rate was 61%.

### **Weighting the Sample to be Nationally Representative**

To achieve a nationally representative sample, students were weighted by racial/ethnic composition at the school level. The NCES reported the following percentages by racial/ethnic category for the national population of students at both public and private schools: 51% White, 25% Hispanic, 15% Black, 5% Asian/Native Hawaiian/Pacific Islander, 1% Native American/Alaska Native, and 3% multiracial. Given the discrepancy between the NCES reported demographics for the current sample and the nation as a whole, it is necessary to create weights to make the sample.

The weights were calculated using the following steps:

1. NCES demographic data were used to determine the school-level proportion of students in each race/ethnicity category. For example, per NCES, School A reported 25% of its student population as Black. In the sample, there were 300 students in School A. Thus, it was estimated that there were 75 Black students in School A in the sample (25% of 300).
2. Weights were calculated as the proportion of each racial/ethnic group reported by NCES divided by the estimated proportion in the sample. For instance, if NCES reported 3% of students at the national level as Asian/Pacific Islander and 1% of the students in the sample were Asian/Pacific Islander, the weight assigned to that group would be a 3.
3. The student counts estimated in Step 1 were multiplied by the weight calculated in Step 2. The new weighted counts were compared to the national NCES percentages. The resulting weighted percentages largely resembled the proportions reported by NCES.
4. After a weight was assigned to each racial/ethnic group, school weights were calculated by summing the new weighted counts for each group, then dividing by the total number of students reported for the school in the sample. If the weighted count for School A was 400, and School A had 300 students, then each student in School A was counted 1.33 times in the final sample. A school-level weight was applied to each student in a particular school. The final weighted sample differs from the estimated national population of students by less than 0.1% in each category of race/ethnicity.

Unweighted demographics information is provided in Table 1. A summary of the weights that were created, including the final weighted counts for each racial/ethnic group are provided in Table 2. A summary for each measure's percentile score ranking is provided for each grade in Tables 3–9. The exact percentile rank for each possible score on a given measure by time of year is given in Tables 10–19.

### **National Norms Percentile Rank Information**

The percentile rank that corresponds to each score represents the nationally representative system-wide skill level of the Acadience Data Management population and can be used to compare the performance of an individual student to a nation-wide sample.

For example, if a fifth-grade student at the beginning of the year earned a score of 45 on Acadience Reading Retell, according to the summary information provided in Table 8 and the expanded information provided in Table 17, their score falls at the 65<sup>th</sup> percentile. In addition to scoring Above Benchmark on the Retell measure, this indicates that the student scored as well or better than 65% of the students in the combined sample and was in the Average range based on the performance descriptors in Table A. Alternatively, if the student scored a 35 on Retell at the beginning of fifth grade, Tables 8 and 17 show that they have performed

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as well as or better than 45% of the students in the sample. Per the descriptors in Table A, the student’s score would still fall in the Average range of performance.

### **Technical Adequacy of Acadience Reading**

Alternate-form reliability coefficients for the Reading Composite Score are .66 in kindergarten and range from .91 to .97 in grades 1–6. For inter-rater reliability of the Reading Composite Score, the correlations range from .97 to .99. Predictive validity coefficients for the Reading Composite Score range from .48 to .80. Concurrent validity is .40 in kindergarten and ranges from .73 to .80 in grades 1–6.

For more information about the reliability and validity of Acadience Reading, see the *Acadience Reading K–6 Technical Manual*, available for free download from [www.acadiencelearning.org](http://www.acadiencelearning.org).

### **Authors of Acadience Reading K–6**

Ruth A. Kaminski, Ph.D., is the CEO at Acadience Learning and co-author of Acadience Reading K–6 (previously published under the name DIBELS Next<sup>®1</sup>) as well as earlier versions of the DIBELS<sup>®</sup> assessment. Dr. Kaminski’s academic background includes degrees in Speech Pathology, Early Intervention, and School Psychology. She has conducted research on assessment and preventative interventions for preschool and early elementary age children for the past 30 years. Dr. Kaminski has extensive experience providing consultation to Head Start agencies and public schools throughout the United States and abroad. In addition, she has over 10 years’ experience as a classroom teacher and speech/language clinician with preschool-age children. In 2007, Dr. Kaminski was selected as the recipient of Pennsylvania State University’s Excellence in Education Award, the highest honor bestowed on an alumnus of the College of Education.

Roland H. Good, III, Ph.D., is President at Acadience Learning and co-author of Acadience Reading K–6 (previously published under the name DIBELS Next) as well as earlier versions of the DIBELS assessment. Dr. Good completed his undergraduate degree in Elementary and Special Education, and he has two years’ experience as a teacher in elementary general education and special education classrooms. He earned his doctorate from Pennsylvania State University in School Psychology and served two years as a school psychologist. For the past 30 years, Dr. Good has led the program of research and development culminating in the Acadience Reading measure. Dr. Good has provided professional development regarding the use of these measures to educators and administrators throughout the United States. He has also served on the editorial boards for *School Psychology Review*, *School Psychology Quarterly*, and the *Journal of Special Education* and has presented more than 100 papers at national conferences. In 2005, Penn State awarded Dr. Good its Excellence in Education Award in recognition of his contributions to the field of education.

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<sup>1</sup> Acadience<sup>®</sup> Reading K–6 is the new name for the DIBELS Next<sup>®</sup> assessment. Acadience is a registered trademark of Acadience Learning Inc. The DIBELS Next copyrighted content is owned by Acadience Learning Inc. The DIBELS<sup>®</sup> and DIBELS Next registered trademarks were sold by Acadience Learning Inc. to the University of Oregon (UO) and are now owned by the UO.

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**Table 1***Demographic Data for the Acadience Reading Normative Sample*

Locale	Number of Schools	Female	Average Percentage						
			Free/Red. Lunch Eligible	Native American/ Alaska Native	Asian/ Native Hawaiian/ Pacific Islander	Hispanic	Black	White	Multiracial
Large city	616	49%	75%	1%	6%	32%	41%	17%	3%
Midsized city	351	48%	69%	1%	4%	24%	38%	28%	5%
Small city	401	48%	63%	2%	5%	24%	18%	45%	6%
Large suburb	1,071	49%	46%	1%	5%	17%	13%	59%	5%
Midsized suburb	116	48%	62%	1%	3%	16%	11%	64%	6%
Small suburb	95	49%	59%	2%	1%	15%	9%	69%	4%
Fringe town	156	49%	57%	2%	1%	13%	11%	69%	4%
Distant town	232	48%	68%	3%	1%	15%	14%	63%	4%
Remote town	198	49%	58%	7%	1%	26%	5%	57%	3%
Fringe rural	446	48%	55%	3%	2%	13%	10%	69%	4%
Distant rural	431	48%	60%	4%	1%	9%	7%	76%	3%
Remote rural	296	49%	61%	15%	1%	13%	3%	66%	2%
Sample-wide	4,409	48%	61%	2%	5%	21%	18%	50%	4%

*Note.* Data reported from 4,409 schools exported from Acadience Data Management. Demographic data aggregated at the school level by the U.S. Department of Education, Institute of Education Services, National Center for Education Statistics (NCES). Free/Red. Lunch Eligible represents students who were eligible to participate in the Free Lunch and Reduced-Price lunch programs under the National School Lunch Act of 1946 or who were eligible for the National School Lunch Program (NSLP) through direct certification.



**Table 2***Acadience Reading National Norms Race/Ethnicity Weights*

Race/Ethnicity	NCES	Acadience Reading Normative Sample		Weight	Acadience Reading Weighted Combined Sample	
	%	<i>N</i>	%		<i>N</i>	%
White	48.69	883,723	49.66	.98	886,048	48.67
Hispanic	26.08	381,713	21.45	1.22	465,689	26.17
Black	14.58	326,369	18.34	.79	257,831	14.49
Asian/Native Hawaiian/ Pacific Islander	5.47	82,748	4.65	1.18	97,642	5.48
Native American/ Alaska Native	1.04	33,277	1.87	.56	18,635	1.05
Multiracial	4.14	71,718	4.03	1.03	73,870	4.15

*Note.* Based on 4,409 schools. There were 1,779,548 students in the Acadience Reading normative sample. NCES percent is the percentage of students in each racial/ethnic category, as reported for all public schools for 2016–17 and all private schools for 2015–16 by the NCES. The normative sample percent is the percentage of students in each racial/ethnic category in the normative sample estimated using school-level demographics reported by the NCES. The weights were calculated as the ratio of the NCES percentages to the normative sample percentages. The weighted normative sample *N* is the number of students in the normative sample multiplied by the weight.

**Table 3***Acadience Reading Percentile Ranks Summary for All Kindergarten Measures*

Percentile Rank	Beginning of Year			Middle of Year						End of Year				
	FSF	LNF	RCS	FSF	LNF	PSF	NWF CLS	NWF WWR	RCS	LNF	PSF	NWF CLS	NWF WWR	RCS
1	0	0	0	0	1	0	0	0	2	2	0	0	0	8
5	0	0	1	7	7	2	2	0	33	19	12	10	0	56
10	0	1	2	16	14	8	6	0	58	28	28	17	0	81
15	1	2	4	22	20	11	10	0	76	33	36	20	0	96
20	1	3	6	26	24	15	13	0	89	37	41	23	0	106
25	1	4	10	29	27	19	15	0	101	40	44	26	1	114
30	2	6	13	32	30	25	17	0	111	43	46	28	1	121
35	5	8	17	35	32	30	19	1	120	45	49	30	1	127
40	7	11	21	37	35	34	21	1	129	48	51	32	1	133
45	10	14	25	39	38	38	23	1	136	50	52	34	2	138
50	12	16	28	41	39	41	25	1	144	52	54	36	2	143
55	15	19	32	42	41	43	26	1	151	54	56	39	3	149
60	17	21	37	44	43	46	28	1	158	56	58	41	5	154
65	19	24	41	46	46	48	30	1	165	58	60	44	7	160
70	22	26	46	48	48	50	33	1	173	60	62	48	9	166
75	24	29	51	50	51	52	35	2	180	63	64	52	11	173
80	27	32	56	53	53	55	38	3	189	66	66	56	14	181
85	29	36	62	55	57	58	42	6	198	69	69	63	17	191
90	33	41	70	58	61	61	47	9	211	73	72	73	21	205
95	38	48	80	60	68	66	56	14	229	79	76	92	29	228
99	46	60	97	60	78	74	81	25	263	89	80	135	45	271

*Note.*  $N = 546,279$ . Values reported are the lowest score at or above the corresponding percentile rank. FSF = First Sound Fluency. LNF = Letter Naming Fluency. PSF = Phoneme Segmentation Fluency. NWF CLS = Nonsense Word Fluency Correct Letter Sounds. NWF WWR = Nonsense Word Fluency Whole Words Read. RCS = Reading Composite Score.

**Table 4***Acadience Reading Percentile Ranks Summary for All First-Grade Measures*

Percentile Rank	Beginning of Year					Middle of Year						End of Year					
	LNF	PSF	NWF CLS	NWF WWR	RCS	NWF CLS	NWF WWR	ORF WC	ORF ACC	Retell	RCS	NWF CLS	NWF WWR	ORF WC	ORF ACC	Retell	RCS
1	2	0	0	0	5	3	0	0	0	0	5	6	0	1	1	0	1
5	16	8	6	0	44	19	0	5	37	1	29	25	1	8	57	1	13
10	23	20	13	0	66	25	1	8	51	2	48	33	4	14	63	5	35
15	27	28	16	0	79	30	2	11	58	5	66	39	7	20	73	9	65
20	31	32	19	1	88	34	4	13	63	6	83	44	10	26	79	11	94
25	34	35	21	1	95	38	6	16	68	8	98	49	12	31	84	13	117
30	36	38	23	1	102	41	8	18	71	10	112	53	14	36	87	15	135
35	39	40	25	1	107	44	10	20	75	11	124	58	16	42	90	17	152
40	41	42	27	1	113	47	12	23	78	12	137	63	18	48	92	18	166
45	43	44	29	2	118	51	13	25	81	14	149	68	20	54	94	20	180
50	44	46	32	2	123	55	15	28	83	15	162	73	22	59	95	21	193
55	46	47	34	3	128	59	17	32	86	17	175	79	24	64	96	23	205
60	48	49	36	5	133	64	19	36	88	18	190	86	27	69	97	25	217
65	50	51	39	6	138	69	21	42	90	20	207	93	30	74	98	26	229
70	52	53	42	8	145	76	23	48	93	22	226	101	33	80	98	29	241
75	55	54	46	10	151	83	26	56	95	24	248	109	36	86	99	31	254
80	58	57	51	12	159	92	30	65	96	26	272	119	39	92	99	34	267
85	61	59	58	15	170	103	34	75	98	29	300	130	43	98	100	37	281
90	65	62	69	20	184	119	39	87	99	33	333	140	47	108	100	42	296
95	71	67	89	27	206	138	46	105	100	40	373	143	50	125	100	49	317
99	81	75	125	41	248	143	50	133	–	53	414	–	–	150	–	63	349

*Note.*  $N = 556,539$ . Values reported are the lowest score at or above the corresponding percentile rank. LNF = Letter Naming Fluency. PSF = Phoneme Segmentation Fluency. NWF CLS = Nonsense Word Fluency Correct Letter Sounds. NWF WWR = Nonsense Word Fluency Whole Words Read. ORF WC = Oral Reading Fluency Words Correct. ORF ACC = Oral Reading Fluency Accuracy. RCS = Reading Composite Score. Dashes indicate the maximum score possible is below the given percentile rank.

**Table 5***Acadience Reading Percentile Ranks Summary for All Second-Grade Measures*

Percentile Rank	Beginning of Year						Middle of Year				End of Year			
	NWF CLS	NWF WWR	ORF WC	ORF ACC	Retell	RCS	ORF WC	ORF ACC	Retell	RCS	ORF WC	ORF ACC	Retell	RCS
1	2	0	0	14	0	2	3	21	0	4	4	27	0	5
5	19	1	7	51	2	14	17	67	5	23	22	73	9	35
10	26	2	15	69	7	43	28	80	10	49	39	86	15	82
15	32	5	24	78	10	81	38	87	13	80	50	91	19	135
20	37	7	30	83	12	107	46	90	16	120	60	94	22	175
25	41	9	36	87	14	125	54	93	18	153	69	95	24	202
30	46	11	41	89	16	141	62	95	20	178	76	96	26	222
35	51	13	46	91	18	154	69	96	22	198	82	97	29	238
40	56	15	51	93	19	167	73	97	24	213	87	97	31	251
45	61	17	56	94	21	178	78	98	26	227	92	98	33	262
50	67	19	60	95	23	190	83	98	28	239	96	99	35	273
55	72	22	65	96	24	201	88	99	30	250	102	99	37	284
60	79	24	69	96	26	212	93	99	32	260	107	99	40	293
65	85	27	74	97	28	223	98	99	34	271	112	100	42	303
70	93	30	80	98	30	235	104	100	37	281	118	100	45	314
75	102	33	85	98	33	248	109	100	39	292	124	100	48	326
80	112	36	92	99	36	261	115	100	43	304	131	100	51	339
85	124	41	100	99	40	277	122	100	47	319	140	100	56	354
90	136	45	111	100	45	294	132	100	52	338	150	–	61	373
95	142	49	126	100	53	315	146	–	61	366	162	–	70	401
99	143	–	154	–	69	349	168	–	77	415	186	–	87	448

*Note.*  $N = 540,997$ . Values reported are the lowest score at or above the corresponding percentile rank. NWF CLS = Nonsense Word Fluency Correct Letter Sounds. NWF WWR = Nonsense Word Fluency Whole Words Read. ORF WC = Oral Reading Fluency Words Correct. ORF ACC = Oral Reading Fluency Accuracy. RCS = Reading Composite Score. Dashes indicate the maximum score possible is below the given percentile rank.

**Table 6***Acadience Reading Percentile Ranks Summary for All Third-Grade Measures*

Percentile Rank	Beginning of Year					Middle of Year					End of Year				
	ORF WC	ORF ACC	Retell	Maze Adj.	RCS	ORF WC	ORF ACC	Retell	Maze Adj.	RCS	ORF WC	ORF ACC	Retell	Maze Adj.	RCS
1	2	24	0	0	4	5	32	0	0	9	8	43	0	0	14
5	15	65	5	1	31	28	78	9	2	65	33	81	11	5	83
10	29	80	11	1	66	43	88	14	5	126	55	90	17	9	181
15	40	87	14	3	108	54	92	18	6	179	67	93	21	11	237
20	49	90	17	4	148	63	94	21	7	216	75	95	25	13	271
25	55	92	19	5	178	71	95	24	8	242	82	96	28	14	297
30	61	94	21	5	201	78	96	26	9	263	89	97	31	16	317
35	67	95	23	6	219	84	97	28	10	281	95	97	34	17	335
40	73	96	25	7	236	88	97	31	11	296	100	98	36	18	351
45	77	96	27	8	250	92	98	33	12	310	105	98	39	20	366
50	81	97	29	9	264	96	98	35	14	324	110	99	41	21	381
55	85	97	31	10	278	101	99	37	15	337	114	99	44	22	395
60	91	98	34	10	291	105	99	40	16	351	119	99	47	23	409
65	96	98	36	11	304	110	99	42	17	365	124	99	49	24	424
70	101	98	38	12	319	116	99	45	19	380	131	99	53	26	439
75	107	99	41	13	334	122	100	48	20	396	137	100	56	27	456
80	113	99	45	14	351	128	100	52	22	414	144	100	60	29	474
85	121	99	49	16	372	136	100	57	23	436	152	100	65	31	494
90	133	100	54	18	399	147	100	63	25	464	160	100	71	32	520
95	149	100	63	21	437	162	–	72	28	502	174	–	81	36	557
99	172	–	79	25	501	185	–	90	35	564	197	–	94	42	615

*Note.*  $N = 436,428$ . Values reported are the lowest score at or above the corresponding percentile rank. ORF WC = Oral Reading Fluency Words Correct. ORF ACC = Oral Reading Fluency Accuracy. Maze Adj. = Maze Adjusted Score. RCS = Reading Composite Score. Dashes indicate the maximum score possible is below the given percentile rank.

**Table 7***Acadience Reading Percentile Ranks Summary for All Fourth-Grade Measures*

Percentile Rank	Beginning of Year					Middle of Year					End of Year				
	ORF WC	ORF ACC	Retell	Maze Adj.	RCS	ORF WC	ORF ACC	Retell	Maze Adj.	RCS	ORF WC	ORF ACC	Retell	Maze Adj.	RCS
1	6	36	0	1	11	11	51	1	1	20	10	50	1	2	22
5	28	77	8	4	67	41	85	10	6	106	53	9	14	10	174
10	43	86	13	6	125	56	91	15	9	181	73	95	20	15	265
15	53	90	16	8	173	66	94	18	11	227	84	96	24	18	308
20	61	92	19	10	207	76	95	21	12	259	92	97	27	20	336
25	66	94	21	11	233	85	96	24	13	283	100	98	30	22	356
30	72	95	24	13	255	91	97	26	14	302	106	98	33	23	372
35	78	96	26	14	274	97	98	28	15	319	111	99	35	24	387
40	84	96	28	15	291	103	98	31	16	334	115	99	37	25	401
45	89	97	31	16	307	108	98	33	17	348	119	99	40	25	413
50	94	97	33	17	322	113	99	35	19	361	124	99	42	26	426
55	100	98	35	18	337	117	99	37	20	374	130	99	44	28	439
60	105	98	37	19	351	122	99	40	21	388	135	100	47	29	452
65	110	99	40	20	366	126	99	42	22	401	140	100	49	30	466
70	116	99	43	21	381	131	100	45	23	416	145	100	52	32	480
75	121	99	46	22	397	137	100	48	25	431	151	100	55	34	496
80	129	100	50	23	415	143	100	52	26	448	158	100	59	35	513
85	137	100	54	25	437	150	100	56	28	469	165	100	64	38	534
90	147	100	61	27	464	158	100	62	30	494	173	–	70	40	559
95	161	–	70	30	504	171	–	71	34	531	184	–	79	43	595
99	185	–	87	37	569	190	–	88	41	593	206	–	94	49	650

*Note.*  $N = 352,910$ . Values reported are the lowest score at or above the corresponding percentile rank. ORF WC = Oral Reading Fluency Words Correct. ORF ACC = Oral Reading Fluency Accuracy. Maze Adj. = Maze Adjusted Score. RCS = Reading Composite Score. Dashes indicate the maximum score possible is below the given percentile rank.

**Table 8***Acadience Reading Percentile Ranks Summary for All Fifth-Grade Measures*

Percentile Rank	Beginning of Year					Middle of Year					End of Year				
	ORF WC	ORF ACC	Retell	Maze Adj.	RCS	ORF WC	ORF ACC	Retell	Maze Adj.	RCS	ORF WC	ORF ACC	Retell	Maze Adj.	RCS
1	10	50	1	0	19	17	65	1	1	35	22	68	3	1	48
5	47	87	11	4	122	60	91	15	6	187	60	92	17	10	213
10	63	92	17	7	198	77	95	21	9	253	79	95	23	14	284
15	71	94	20	9	237	89	96	25	11	288	90	97	28	17	321
20	78	95	23	11	264	97	97	28	13	310	99	97	31	18	347
25	84	96	26	13	286	102	97	31	14	328	106	98	34	20	368
30	91	97	28	14	305	107	98	34	15	342	112	98	37	21	385
35	96	97	31	16	322	110	98	36	16	356	117	99	40	22	401
40	101	98	33	17	337	114	99	38	17	368	123	99	42	24	416
45	106	98	35	18	352	117	99	41	18	380	128	99	45	25	430
50	111	99	37	19	367	122	99	43	19	392	133	99	47	26	444
55	117	99	40	21	381	127	99	45	20	405	138	99	50	28	458
60	122	99	42	22	396	133	99	48	21	418	144	100	53	29	473
65	128	99	45	23	411	139	99	51	22	432	148	100	56	31	487
70	133	100	48	25	427	144	100	54	24	447	154	100	59	32	503
75	139	100	51	27	445	150	100	57	25	463	159	100	63	34	519
80	146	100	54	29	465	157	100	61	26	482	165	100	67	36	538
85	153	100	59	31	488	163	100	66	28	503	172	100	72	38	560
90	162	100	65	34	516	174	100	72	31	530	182	—	78	41	588
95	174	—	74	38	557	187	—	82	34	567	193	—	87	46	628
99	194	—	92	46	625	206	—	94	40	625	217	—	94	55	691

*Note.*  $N = 315,201$ . Values reported are the lowest score at or above the corresponding percentile rank. ORF WC = Oral Reading Fluency Words Correct. ORF ACC = Oral Reading Fluency Accuracy. Maze Adj. = Maze Adjusted Score. RCS = Reading Composite Score. Dashes indicate the maximum score possible is below the given percentile rank.

**Table 9***Acadience Reading Percentile Ranks Summary for All Sixth-Grade Measures*

Percentile Rank	Beginning of Year					Middle of Year					End of Year				
	ORF WC	ORF ACC	Retell	Maze Adj.	RCS	ORF WC	ORF ACC	Retell	Maze Adj.	RCS	ORF WC	ORF ACC	Retell	Maze Adj.	RCS
1	17	62	1	1	37	19	63	1	1	38	22	68	2	1	45
5	59	91	13	10	198	61	90	14	8	190	65	92	16	9	216
10	82	95	18	14	275	80	94	20	13	268	85	96	22	13	290
15	93	96	22	17	310	90	96	24	16	307	98	97	26	16	328
20	100	97	25	18	334	98	97	27	18	334	108	98	30	18	354
25	106	98	28	19	351	105	98	30	20	355	114	98	33	20	375
30	111	98	30	20	367	110	98	33	21	373	120	98	35	22	393
35	115	98	33	21	381	116	98	36	23	389	126	99	38	23	409
40	120	99	35	23	394	120	99	38	24	405	132	99	41	24	424
45	125	99	37	24	406	125	99	41	26	420	135	99	43	26	438
50	130	99	40	25	418	130	99	43	27	434	140	99	46	27	452
55	134	99	42	27	431	134	99	46	28	449	145	99	48	28	465
60	138	99	44	28	443	139	99	49	30	463	150	100	51	30	479
65	143	100	47	29	455	145	100	52	32	479	155	100	54	31	493
70	147	100	50	31	469	151	100	55	33	495	161	100	58	32	508
75	152	100	53	32	484	156	100	59	35	512	166	100	62	34	524
80	156	100	57	34	500	163	100	63	37	532	171	100	66	36	542
85	161	100	62	35	519	170	100	68	39	554	177	100	71	38	563
90	169	100	68	38	543	179	–	74	41	582	185	–	77	41	589
95	178	–	77	42	579	190	–	84	46	621	195	–	87	44	626
99	197	–	94	49	637	214	–	94	52	684	217	–	94	52	685

*Note.*  $N = 151,989$ . Values reported are the lowest score at or above the corresponding percentile rank. ORF WC = Oral Reading Fluency Words Correct. ORF ACC = Oral Reading Fluency Accuracy. Maze Adj. = Maze Adjusted Score. RCS = Reading Composite Score. Dashes indicate the maximum score possible is below the given percentile rank.



**Table 10***Percentile Ranks for Acadience Reading First Sound Fluency (FSF)*

FSF Score	Beginning of Year	Middle of Year
0	13	1
1	27	3
2	30	3
3	32	3
4	34	4
5	36	4
6	38	4
7	40	5
8	42	5
9	44	6
10	46	6
11	48	7
12	50	7
13	52	8
14	54	8
15	56	9
16	58	10
17	60	10
18	62	11
19	65	12
20	67	13
21	69	14
22	71	15
23	73	16
24	75	17
25	77	19
26	79	20
27	81	22
28	83	23
29	85	25
30	86	26
31	88	28
32	89	30
33	90	32
34	91	34
35	93	37
36	94	39
37	94	41
38	95	44
39	96	47

FSF Score	Beginning of Year	Middle of Year
40	97	49
41	97	52
42	98	55
43	98	58
44	98	60
45	98	63
46	99	66
47	99	68
48	99	71
49	99	73
50	99	75
51	>99	77
52	>99	79
53	>99	81
54	>99	83
55	>99	85
56	>99	87
57	>99	89
58	>99	91
59	>99	93
60	>99	97

*Note.*  $N = 557,432$ . Data exported from Acadience Data Management. FSF = First Sound Fluency.

**Table 11***Percentile Ranks for Acadience Reading Letter Naming Fluency (LNF)*

LNF Score	Kindergarten			First Grade
	Beginning of Year	Middle of Year	End of Year	Beginning of Year
0	5	0	0	0
1	12	1	0	0
2	17	2	1	1
3	21	2	1	1
4	25	3	1	1
5	28	3	1	1
6	30	4	1	1
7	33	5	2	2
8	35	6	2	2
9	37	6	2	2
10	39	7	2	2
11	41	8	2	3
12	43	8	3	3
13	44	9	3	3
14	46	10	3	4
15	48	11	3	4
16	50	12	4	5
17	52	12	4	5
18	54	13	4	6
19	55	14	5	7
20	57	15	5	7
21	60	16	6	8
22	62	18	6	9
23	64	19	7	10
24	66	20	7	11
25	68	22	8	12
26	70	23	9	14
27	72	25	9	15
28	74	27	10	16
29	75	29	11	18
30	77	30	12	19
31	78	32	13	21
32	80	34	14	22
33	81	36	15	24
34	82	38	16	26
35	83	40	17	28
36	85	42	19	30
37	86	44	20	32
38	87	47	22	34
39	88	50	24	37
40	89	53	26	39
41	90	56	28	42
42	91	58	29	44
43	92	60	31	47
44	92	62	33	50

LNF Score	Kindergarten			First Grade
	Beginning of Year	Middle of Year	End of Year	Beginning of Year
45	93	64	35	53
46	94	66	36	55
47	94	68	38	58
48	95	70	41	61
49	95	72	43	63
50	96	74	46	66
51	96	76	49	68
52	97	78	51	70
53	97	80	53	72
54	97	81	56	74
55	98	83	58	75
56	98	84	61	77
57	98	85	63	79
58	98	86	65	80
59	98	88	67	82
60	99	89	70	84
61	99	90	72	85
62	99	91	74	87
63	99	92	76	88
64	99	93	78	89
65	99	93	79	90
66	99	94	81	91
67	99	95	82	92
68	>99	95	84	93
69	>99	96	85	93
70	>99	96	87	94
71	>99	97	88	95
72	>99	97	89	95
73	>99	97	90	96
74	>99	98	91	96
75	>99	98	92	97
76	>99	98	93	97
77	>99	98	94	98
78	>99	99	94	98
79	>99	99	95	98
80	>99	99	96	98
81	>99	99	96	99
82	>99	99	97	99
83	>99	99	97	99
84	>99	99	97	99
85	>99	99	98	99
86	>99	>99	98	99
87	>99	>99	98	99
88	>99	>99	98	99
89	>99	>99	99	>99
90	>99	>99	99	>99
91	>99	>99	99	>99

LNF Score	Kindergarten			First Grade
	Beginning of Year	Middle of Year	End of Year	Beginning of Year
92	>99	>99	99	>99
93	>99	>99	99	>99
94	>99	>99	99	>99
95	>99	>99	99	>99
96	>99	>99	>99	>99
97	>99	>99	>99	>99
98	>99	>99	>99	>99
99	>99	>99	>99	>99
100	>99	>99	>99	>99
101	>99	>99	>99	>99
102	>99	>99	>99	>99
103	>99	>99	>99	>99
104	>99	>99	>99	>99
105	>99	>99	>99	>99
106	>99	>99	>99	>99
107	>99	>99	>99	>99
108	>99	>99	>99	>99
109	>99	>99	>99	>99
110	>99	>99	>99	>99

*Note.* Sample sizes by grade: 605,986 for kindergarten; 604,482 for first grade. Data exported from Acadience Data Management.  
LNF = Letter Naming Fluency.

**Table 12***Percentile Ranks for Acadience Reading Phoneme Segmentation Fluency (PSF)*

PSF Score	Kindergarten		First Grade
	Middle of Year	End of Year	Beginning of Year
0	2	1	1
1	4	1	2
2	5	2	2
3	5	2	3
4	6	2	3
5	7	2	3
6	8	3	4
7	9	3	4
8	11	3	5
9	12	4	5
10	13	4	6
11	15	4	6
12	16	5	6
13	18	5	7
14	19	5	7
15	21	6	8
16	22	6	8
17	23	6	8
18	24	7	9
19	25	7	9
20	26	7	10
21	27	8	10
22	28	8	11
23	28	8	11
24	29	8	12
25	30	9	13
26	31	9	13
27	32	9	14
28	33	10	15
29	34	10	16
30	35	11	17
31	36	11	18
32	37	12	20
33	39	13	21
34	40	13	23
35	41	14	25
36	43	15	27
37	44	16	29
38	46	17	31
39	48	18	33
40	49	19	36
41	51	21	38
42	53	22	40
43	55	24	43
44	57	26	46

PSF Score	Kindergarten		First Grade
	Middle of Year	End of Year	Beginning of Year
45	59	27	49
46	61	30	52
47	64	32	55
48	66	34	58
49	68	37	61
50	71	39	64
51	73	42	66
52	75	45	69
53	77	48	72
54	79	50	75
55	81	53	77
56	83	56	79
57	84	58	81
58	86	61	83
59	87	63	85
60	89	66	86
61	90	69	88
62	91	71	90
63	92	73	91
64	93	76	92
65	94	78	93
66	95	80	94
67	96	82	95
68	96	83	96
69	97	85	96
70	97	87	97
71	98	89	97
72	98	90	98
73	98	92	98
74	99	93	98
75	99	94	99
76	99	95	99
77	99	96	99
78	>99	97	99
79	>99	98	99
80	>99	99	>99
81	>99	>99	>99

*Note.* Sample sizes by grade: 605,986 for kindergarten; 604,482 for first grade. Data exported from Acadience Data Management.  
PSF = Phoneme Segmentation Fluency.

**Table 13***Percentile Ranks Acadience Reading Nonsense Word Fluency Correct Letter Sounds (NWF CLS)*

NWF CLS Score	Kindergarten			First Grade			Second Grade
	MOY	EOY	BOY	MOY	EOY	BOY	
0	2	1	1	0	0	0	
1	4	1	2	0	0	0	
2	5	2	3	0	0	1	
3	6	2	3	1	0	1	
4	7	2	3	1	0	1	
5	8	3	4	1	0	1	
6	10	3	5	1	1	1	
7	11	3	5	1	1	1	
8	12	4	6	1	1	1	
9	14	4	7	1	1	1	
10	15	5	7	2	1	2	
11	17	5	8	2	1	2	
12	19	6	9	2	1	2	
13	21	7	11	2	1	2	
14	23	7	12	3	1	3	
15	25	8	13	3	2	3	
16	27	9	15	4	2	3	
17	30	10	17	4	2	4	
18	32	12	18	4	2	4	
19	35	13	20	5	3	5	
20	37	15	22	6	3	5	
21	40	16	25	6	3	6	
22	43	18	27	7	4	7	
23	46	20	30	8	4	7	
24	49	22	32	9	4	8	
25	52	24	35	10	5	9	
26	55	26	37	11	5	10	
27	57	29	40	12	6	11	
28	60	31	42	13	7	12	
29	62	34	45	14	7	13	
30	65	36	47	15	8	13	
31	67	39	49	16	9	14	
32	69	41	51	18	9	15	
33	71	43	54	19	10	16	
34	73	46	56	20	11	17	
35	75	48	58	22	12	18	
36	76	50	60	23	12	19	
37	78	52	62	24	13	20	
38	80	54	64	26	14	21	
39	81	56	65	27	15	22	
40	82	58	67	29	16	23	
41	84	60	69	31	17	25	
42	85	62	70	32	18	26	
43	86	64	72	34	19	27	
44	88	65	73	36	20	28	



NWF CLS Score	Kindergarten		First Grade			Second Grade
	MOY	EOY	BOY	MOY	EOY	BOY
45	88	67	74	37	21	29
46	89	68	75	39	22	30
47	90	69	76	40	23	31
48	91	71	77	42	24	32
49	91	72	78	43	25	33
50	92	73	79	44	26	34
51	92	74	80	46	27	35
52	93	76	81	47	29	36
53	93	77	81	48	30	37
54	94	78	82	49	31	38
55	94	79	83	51	32	39
56	95	80	83	52	33	40
57	95	81	84	53	34	41
58	95	82	85	54	36	42
59	96	83	85	55	37	43
60	96	83	86	56	38	44
61	96	84	86	57	38	45
62	96	84	87	58	39	46
63	97	85	87	59	40	47
64	97	86	88	60	41	48
65	97	86	88	61	42	48
66	97	87	88	62	43	49
67	97	87	89	63	44	50
68	97	88	89	64	45	51
69	98	88	90	65	46	52
70	98	89	90	66	47	53
71	98	89	90	67	48	54
72	98	89	91	67	49	55
73	98	90	91	68	50	56
74	98	90	91	69	51	56
75	98	90	91	69	52	57
76	98	91	92	70	52	58
77	98	91	92	71	53	59
78	98	91	92	71	54	59
79	98	92	92	72	55	60
80	98	92	93	73	56	61
81	99	92	93	73	56	62
82	99	92	93	74	57	62
83	99	93	93	75	58	63
84	99	93	94	75	59	64
85	99	93	94	76	59	65
86	99	93	94	77	60	65
87	99	94	94	77	61	66
88	99	94	94	78	61	67
89	99	94	95	78	62	68
90	99	94	95	79	63	68
91	99	94	95	79	63	69
92	99	95	95	80	64	69

NWF CLS Score	Kindergarten		First Grade			Second Grade
	MOY	EOY	BOY	MOY	EOY	BOY
93	99	95	95	80	65	70
94	99	95	95	81	65	71
95	99	95	96	81	66	71
96	99	95	96	82	67	72
97	99	95	96	82	67	72
98	99	95	96	83	68	73
99	99	96	96	83	69	73
100	99	96	96	84	69	74
101	99	96	96	84	70	74
102	99	96	97	84	71	75
103	99	96	97	85	71	75
104	99	96	97	85	72	76
105	99	96	97	85	72	76
106	99	96	97	86	73	77
107	99	96	97	86	74	77
108	99	97	97	86	74	78
109	99	97	97	87	75	78
110	99	97	97	87	75	79
111	99	97	97	87	76	79
112	99	97	98	88	76	80
113	99	97	98	88	77	80
114	99	97	98	88	77	81
115	>99	97	98	89	78	81
116	>99	97	98	89	78	82
117	>99	97	98	89	79	82
118	>99	97	98	89	79	83
119	>99	97	98	90	80	83
120	>99	98	98	90	80	83
121	>99	98	98	90	81	84
122	>99	98	98	90	81	84
123	>99	98	98	91	82	84
124	>99	98	98	91	82	85
125	>99	98	99	91	82	85
126	>99	98	99	91	83	86
127	>99	98	99	92	83	86
128	>99	98	99	92	84	86
129	>99	98	99	92	84	87
130	>99	98	99	93	85	87
131	>99	98	99	93	85	88
132	>99	98	99	93	86	88
133	>99	98	99	93	86	89
134	>99	98	99	94	87	89
135	>99	99	99	94	87	89
136	>99	99	99	94	87	90
137	>99	99	99	94	88	90
138	>99	99	99	95	89	91
139	>99	99	99	95	89	92
140	>99	99	99	95	90	93

NWF CLS Score	Kindergarten		First Grade			Second Grade
	MOY	EOY	BOY	MOY	EOY	BOY
141	>99	99	>99	96	92	94
142	>99	99	>99	97	94	96
143	>99	>99	>99	99	97	98

*Note.* Sample sizes by grade: 605,986 for kindergarten; 604,482 for first grade; 572,735 for second grade. Data exported from Acadience Data Management. NWF CLS = Nonsense Word Fluency Correct Letter Sounds. BOY = Beginning of Year. MOY = Middle of Year. EOY = End of Year.

**Table 14.***Percentile Ranks for Acadience Reading Nonsense Word Fluency Whole Words Read (NWF WWR)*

NWF WWR Score	Kindergarten		First Grade			Second Grade
	MOY	EOY	BOY	MOY	EOY	BOY
0	34	20	19	5	3	3
1	72	44	43	12	6	7
2	77	51	50	15	7	10
3	80	55	55	18	9	12
4	82	58	59	20	10	14
5	84	61	63	22	12	16
6	85	64	66	25	13	18
7	87	66	69	27	15	20
8	88	69	72	30	17	23
9	90	71	74	33	19	25
10	91	74	77	36	21	27
11	92	76	79	39	23	30
12	93	78	81	42	25	32
13	94	79	82	45	28	35
14	95	81	84	48	30	37
15	95	83	85	51	33	40
16	96	84	86	54	36	42
17	97	85	87	56	38	45
18	97	87	88	59	41	47
19	97	88	89	61	43	50
20	98	89	90	64	46	52
21	98	90	91	66	48	54
22	98	91	92	68	50	56
23	98	91	92	70	53	58
24	98	92	93	72	55	60
25	99	93	94	73	57	62
26	99	93	94	75	59	64
27	99	94	95	77	61	66
28	99	94	95	78	63	68
29	99	95	95	79	64	69
30	99	95	96	81	66	71
31	99	95	96	82	68	73
32	99	96	96	83	69	74
33	99	96	97	84	71	76
34	99	96	97	85	73	77
35	99	97	97	86	74	78
36	99	97	98	87	76	80
37	>99	97	98	88	77	81
38	>99	97	98	89	79	82
39	>99	97	98	90	80	83
40	>99	98	98	90	81	84
41	>99	98	99	91	83	86
42	>99	98	99	92	84	87
43	>99	98	99	93	85	88

NWF WWR Score	Kindergarten		First Grade			Second Grade
	MOY	EOY	BOY	MOY	EOY	BOY
44	>99	98	99	93	86	89
45	>99	99	99	94	88	90
46	>99	99	99	95	89	91
47	>99	99	99	95	91	93
48	>99	99	>99	96	92	94
49	>99	99	>99	97	94	96
50	>99	>99	>99	99	98	98

*Note.* Sample sizes by grade: 605,986 for kindergarten; 604,482 for first grade; 572,735 for second grade. Data exported from Acadience Data Management. NWF WWR = Nonsense Word Fluency Whole Words Read. BOY = Beginning of Year. MOY = Middle of Year. EOY = End of Year.

**Table 15***Percentile Ranks of Acadience Reading Oral Reading Fluency Words Correct (ORF WC)*

ORF WC	First Grade		Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
0	1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1	2	1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2	3	1	2	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
3	4	2	3	1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4	4	2	3	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
5	5	3	4	1	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
6	7	3	4	1	1	1	1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1
7	8	4	5	1	1	2	1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1
8	10	5	6	2	1	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
9	12	6	6	2	1	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
10	14	7	7	2	1	3	1	1	1	<1	1	1	<1	<1	<1	<1	<1
11	16	8	7	3	2	3	1	1	1	1	1	1	<1	<1	<1	<1	<1
12	18	8	8	3	2	4	2	1	1	1	1	1	<1	<1	<1	<1	<1
13	20	9	8	3	2	4	2	1	1	1	1	1	<1	<1	<1	<1	<1
14	22	10	9	4	2	4	2	1	2	1	1	1	<1	<1	<1	<1	<1
15	24	11	10	4	3	5	2	1	2	1	1	1	<1	<1	<1	<1	<1
16	27	12	10	4	3	5	2	2	2	1	1	1	<1	<1	<1	<1	<1
17	29	13	11	5	3	5	2	2	2	1	1	1	1	<1	1	<1	<1
18	31	14	11	5	4	6	3	2	2	1	1	1	1	<1	1	<1	<1
19	33	14	12	6	4	6	3	2	3	1	1	1	1	<1	1	1	<1
20	35	15	13	6	4	6	3	2	3	1	1	1	1	<1	1	1	<1
21	37	16	13	6	4	7	3	2	3	1	1	1	1	<1	1	1	<1
22	39	17	14	7	5	7	3	3	3	2	1	1	1	1	1	1	1
23	41	18	14	7	5	7	4	3	3	2	1	1	1	1	1	1	1
24	43	19	15	8	5	8	4	3	4	2	1	2	1	1	1	1	1
25	45	19	16	8	5	8	4	3	4	2	1	2	1	1	1	1	1
26	47	20	16	9	6	9	4	3	4	2	2	2	1	1	1	1	1
27	49	21	17	9	6	9	4	3	4	2	2	2	1	1	1	1	1
28	50	22	18	10	6	9	5	4	5	2	2	2	1	1	1	1	1
29	52	23	19	10	6	10	5	4	5	2	2	2	1	1	1	1	1
30	53	24	20	11	7	10	5	4	5	3	2	2	1	1	1	1	1
31	54	25	20	11	7	11	5	4	5	3	2	2	1	1	1	1	1
32	56	26	21	12	7	11	6	4	6	3	2	2	1	1	1	1	1
33	57	27	22	12	8	11	6	5	6	3	2	3	1	1	1	1	1
34	58	28	23	13	8	12	6	5	6	3	2	3	1	1	1	1	1
35	59	29	24	13	8	12	7	5	7	3	2	3	1	1	2	1	1
36	60	30	25	14	9	13	7	5	7	4	2	3	2	1	2	1	1
37	61	31	26	14	9	13	7	5	7	4	2	3	2	1	2	2	1
38	62	32	27	15	9	14	8	6	8	4	2	3	2	1	2	2	1
39	63	33	28	15	10	14	8	6	8	4	3	3	2	1	2	2	1
40	64	34	29	16	10	15	8	6	9	4	3	3	2	2	2	2	2
41	64	34	30	17	10	15	9	6	9	5	3	4	2	2	2	2	2

ORF WC	First Grade		Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
42	65	35	31	17	11	16	9	6	9	5	3	4	2	2	2	2	2
43	66	36	32	18	11	16	10	6	10	5	3	4	2	2	2	2	2
44	67	37	33	18	12	17	10	7	10	5	3	4	2	2	3	2	2
45	68	38	34	19	12	17	11	7	10	6	3	4	2	2	3	2	2
46	69	39	35	20	13	18	11	7	11	6	3	4	3	2	3	2	2
47	69	39	36	20	13	19	12	7	11	6	3	5	3	2	3	3	2
48	70	40	37	21	14	19	12	8	12	7	4	5	3	3	3	3	2
49	71	41	38	22	14	20	13	8	12	7	4	5	3	3	3	3	2
50	71	42	39	22	15	21	13	8	13	7	4	5	3	3	3	3	2
51	72	43	40	23	15	22	14	9	14	8	4	5	3	3	3	3	2
52	73	44	41	23	16	22	14	9	14	8	4	6	3	3	4	3	3
53	73	44	42	24	16	23	14	9	15	9	5	6	3	3	4	3	3
54	74	45	43	25	17	24	15	9	15	9	5	6	4	3	4	3	3
55	74	46	44	25	17	25	15	10	16	9	5	7	4	4	4	4	3
56	75	47	45	26	18	26	16	10	17	10	5	7	4	4	4	4	3
57	76	48	46	27	18	26	16	10	17	10	5	7	4	4	4	4	3
58	76	49	47	27	19	27	17	11	18	11	6	8	4	4	4	4	3
59	77	50	49	28	19	28	17	11	19	11	6	8	4	4	5	4	3
60	77	51	50	29	20	29	18	12	19	12	6	8	5	5	5	4	4
61	78	52	51	29	20	30	19	12	20	12	6	9	5	5	5	5	4
62	78	53	52	30	21	31	19	12	21	13	6	9	5	5	5	5	4
63	79	54	53	31	21	31	20	13	22	13	7	10	5	5	5	5	4
64	79	55	54	32	22	32	20	13	23	14	7	11	5	5	5	5	4
65	80	56	55	32	22	33	21	14	24	14	7	11	6	6	5	5	5
66	80	57	56	33	23	34	22	14	25	15	7	12	6	6	6	6	5
67	81	58	57	34	23	35	22	15	26	15	8	12	6	6	6	6	5
68	81	59	58	34	24	36	23	15	27	16	8	13	6	6	6	6	5
69	82	60	60	35	25	37	24	16	27	16	8	13	6	7	6	6	5
70	82	61	61	36	25	37	24	16	28	17	9	14	7	7	6	7	5
71	83	62	62	37	26	38	25	17	29	17	9	15	7	7	7	7	6
72	83	63	63	38	27	39	26	18	30	18	9	15	7	7	7	7	6
73	83	64	64	40	27	40	26	18	31	18	10	16	8	8	7	7	6
74	84	65	65	41	28	42	27	19	31	19	10	17	8	8	7	8	6
75	85	66	66	42	29	43	28	20	32	19	11	17	9	8	8	8	6
76	85	67	67	43	30	44	29	20	33	20	11	18	9	8	8	8	7
77	85	68	67	44	30	46	29	21	34	20	12	19	10	9	8	9	7
78	86	69	68	45	31	47	30	21	35	21	12	20	10	9	8	9	7
79	86	69	69	46	32	48	31	22	35	21	13	20	11	10	9	9	8
80	87	70	70	47	33	49	32	23	36	22	13	21	11	10	9	10	8
81	87	71	71	48	34	50	33	24	37	23	13	22	11	11	9	10	8
82	87	72	72	49	35	51	33	25	38	23	14	23	12	11	10	11	9
83	88	72	73	50	36	52	34	25	39	24	14	24	12	11	10	11	9
84	88	73	74	52	37	53	35	26	40	24	15	25	13	12	10	11	9
85	89	74	75	53	38	55	36	27	41	25	15	25	13	12	11	12	10

ORF WC	First Grade		Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
86	89	75	76	53	39	56	38	28	42	26	16	26	14	13	11	12	10
87	90	76	76	54	40	57	39	28	43	26	17	27	14	13	12	13	10
88	90	77	77	55	41	57	40	29	44	27	17	28	14	14	12	14	10
89	90	78	78	56	42	58	41	30	45	28	18	29	15	14	13	14	11
90	91	79	78	57	43	59	43	31	46	29	18	29	16	15	13	15	11
91	91	79	79	58	44	60	44	32	47	30	19	30	16	15	14	15	11
92	91	80	80	59	45	61	45	32	48	31	20	31	17	16	14	16	12
93	92	81	81	60	47	62	46	33	49	31	20	32	17	16	15	17	12
94	92	82	81	61	48	63	47	34	50	32	21	33	18	17	16	17	13
95	92	83	82	62	49	64	49	35	50	33	21	34	19	17	16	18	13
96	92	84	83	63	50	65	50	36	51	34	22	35	19	18	17	19	14
97	93	84	83	64	51	66	51	37	52	35	23	36	20	18	18	19	14
98	93	85	84	65	52	67	52	38	53	36	24	37	21	19	19	20	15
99	93	85	84	66	53	68	53	39	54	36	24	38	22	20	19	20	15
100	93	86	85	67	53	69	54	40	55	37	25	39	23	20	20	21	16
101	94	86	85	68	54	70	55	42	56	38	26	40	24	21	21	22	16
102	94	87	86	68	55	71	56	43	57	39	27	41	25	22	22	22	17
103	94	87	86	69	56	72	57	43	58	40	27	42	26	22	23	23	17
104	94	88	86	70	57	73	59	44	59	41	28	43	27	23	24	24	18
105	95	88	87	71	58	74	60	45	60	42	29	44	28	24	24	25	18
106	95	89	87	72	59	74	61	46	61	43	30	45	29	25	25	26	19
107	95	89	88	73	60	75	62	47	62	44	31	46	31	26	26	27	19
108	95	90	88	74	61	76	63	48	63	45	32	47	32	26	27	28	20
109	96	90	89	75	62	77	64	49	64	46	33	48	33	27	28	29	21
110	96	91	89	76	64	77	65	50	65	47	34	49	35	28	29	30	22
111	96	91	90	77	64	78	66	51	66	48	35	50	36	29	31	31	23
112	96	91	90	78	65	79	67	53	67	49	36	51	38	30	32	31	23
113	96	92	91	78	66	80	67	54	68	50	37	52	39	30	33	32	24
114	96	92	91	79	67	81	68	55	69	51	39	52	41	31	34	33	25
115	97	92	92	80	67	81	69	56	69	53	40	53	43	32	35	34	26
116	97	93	92	81	68	82	70	57	70	54	41	54	44	34	36	35	26
117	97	93	92	81	69	82	70	58	71	55	42	55	45	35	37	36	27
118	97	93	93	82	70	83	71	59	72	57	44	56	46	36	38	37	28
119	97	93	93	83	71	84	72	60	73	58	45	57	47	36	39	39	29
120	97	93	93	83	72	84	74	61	74	59	46	58	48	37	40	40	30
121	97	94	93	84	73	85	74	62	75	59	47	59	49	38	41	41	30
122	97	94	94	85	73	85	75	63	75	60	48	60	50	39	42	42	31
123	98	94	94	85	74	86	76	64	76	61	49	60	51	40	43	43	32
124	98	94	94	86	75	86	77	65	77	62	50	61	52	41	44	44	33
125	98	95	94	86	75	87	77	66	77	64	50	62	53	42	45	45	34
126	98	95	95	87	76	87	78	66	78	65	51	63	54	43	46	46	35
127	98	95	95	88	77	88	79	67	78	66	52	64	55	44	47	47	36
128	98	95	95	88	78	88	80	68	79	67	53	65	55	45	48	48	36
129	98	95	95	89	79	88	80	69	80	68	54	66	56	46	49	49	37



ORF WC	First Grade		Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
130	98	96	95	89	79	89	81	69	81	69	55	67	57	47	50	50	38
131	98	96	96	89	80	89	82	70	81	70	56	68	58	48	51	51	39
132	98	96	96	90	81	89	82	71	82	71	57	69	59	49	52	52	40
133	99	96	96	90	81	90	83	72	82	72	58	70	60	50	54	53	42
134	99	96	96	91	82	90	84	73	83	72	59	71	60	50	55	55	43
135	99	96	96	91	82	91	84	73	84	73	60	72	61	52	56	56	45
136	99	97	97	91	83	91	85	74	84	74	61	72	62	53	57	57	46
137	99	97	97	92	83	91	85	75	85	75	62	73	63	54	59	58	47
138	99	97	97	92	84	92	86	75	85	76	63	74	64	55	60	59	48
139	99	97	97	92	84	92	87	76	86	77	64	75	65	56	61	60	49
140	99	97	97	93	85	92	87	77	87	77	65	76	66	56	62	61	50
141	99	97	97	93	85	93	87	78	87	78	66	76	67	57	63	62	51
142	99	98	97	93	86	93	88	79	87	79	67	77	68	58	64	63	52
143	99	98	97	94	87	93	88	79	88	80	68	78	69	59	66	64	53
144	99	98	98	94	87	93	89	80	88	81	69	78	70	60	67	64	54
145	99	98	98	94	88	94	89	81	89	81	70	79	71	61	68	65	55
146	99	98	98	95	88	94	89	82	89	82	71	80	71	62	69	66	56
147	99	98	98	95	89	94	90	82	90	83	72	81	72	63	70	67	57
148	99	98	98	95	89	94	90	83	90	84	73	81	73	65	71	68	58
149	99	98	98	95	89	95	91	84	90	84	73	82	74	65	72	69	59
150	99	99	98	96	90	95	91	84	91	85	74	83	75	66	73	69	60
151	99	99	98	96	90	95	92	85	91	86	75	83	76	67	74	70	61
152	99	99	98	96	91	95	92	85	92	87	75	84	77	68	75	71	62
153	99	99	98	96	91	96	92	86	92	87	76	85	77	69	76	72	63
154	99	99	99	96	91	96	92	87	92	88	77	85	78	70	78	73	64
155	>99	99	99	97	92	96	93	87	93	88	78	86	79	71	79	74	65
156	>99	99	99	97	92	96	93	88	93	89	78	86	79	72	81	75	65
157	>99	99	99	97	93	97	93	88	93	89	79	87	80	73	82	75	66
158	>99	99	99	97	93	97	94	89	94	90	80	87	81	74	83	76	67
159	>99	99	99	97	94	97	94	89	94	90	81	88	82	75	83	77	68
160	>99	99	99	98	94	97	94	90	94	90	82	89	82	76	84	78	69
161	>99	99	99	98	94	97	94	90	95	91	83	89	83	77	85	78	70
162	>99	99	99	98	95	97	95	91	95	91	83	90	84	78	85	79	71
163	>99	99	99	98	95	98	95	91	95	91	84	90	85	79	86	80	72
164	>99	99	99	98	95	98	95	91	95	92	84	91	85	79	87	81	73
165	>99	99	99	98	95	98	95	92	95	93	85	91	86	80	88	81	74
166	>99	>99	99	98	96	98	96	92	96	93	85	92	86	81	88	82	75
167	>99	>99	99	98	96	98	96	93	96	94	86	92	87	82	89	83	76
168	>99	>99	99	99	96	98	96	93	96	94	87	93	87	82	89	84	77
169	>99	>99	99	99	96	98	96	93	96	94	87	93	87	83	90	84	78
170	>99	>99	99	99	96	98	97	94	97	94	88	93	88	84	90	85	79
171	>99	>99	99	99	97	98	97	94	97	95	89	94	88	84	91	86	80
172	>99	>99	99	99	97	99	97	94	97	95	89	94	89	85	91	86	81
173	>99	>99	99	99	97	99	97	94	97	95	90	94	89	85	92	87	82

ORF WC	First Grade		Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
174	>99	>99	>99	99	97	99	97	95	97	96	90	95	90	86	92	87	83
175	>99	>99	>99	99	97	99	97	95	97	96	91	95	90	86	93	88	83
176	>99	>99	>99	99	98	99	97	95	98	96	91	95	91	87	93	88	84
177	>99	>99	>99	99	98	99	98	95	98	96	92	96	91	87	94	89	85
178	>99	>99	>99	99	98	99	98	96	98	97	92	96	91	88	95	89	85
179	>99	>99	>99	99	98	99	98	96	98	97	92	96	92	89	95	90	86
180	>99	>99	>99	99	98	99	98	96	98	97	93	97	92	89	96	90	87
181	>99	>99	>99	99	98	99	98	96	98	97	93	97	92	89	96	91	87
182	>99	>99	>99	99	98	99	98	97	98	97	94	97	93	90	96	91	88
183	>99	>99	>99	99	98	99	98	97	98	98	94	97	93	90	96	92	89
184	>99	>99	>99	99	98	99	98	97	98	98	95	97	94	91	97	92	89
185	>99	>99	>99	99	98	99	99	97	99	98	95	97	94	91	97	93	90
186	>99	>99	>99	>99	99	99	99	97	99	98	95	98	94	91	97	93	91
187	>99	>99	>99	>99	99	99	99	97	99	98	95	98	95	92	97	94	91
188	>99	>99	>99	>99	99	99	99	97	99	98	96	98	95	92	97	94	92
189	>99	>99	>99	>99	99	99	99	98	99	98	96	98	95	93	98	94	92
190	>99	>99	>99	>99	99	>99	99	98	99	99	96	98	96	93	98	95	93
191	>99	>99	>99	>99	99	>99	99	98	99	99	96	98	96	94	98	95	93
192	>99	>99	>99	>99	99	>99	99	98	99	99	96	98	96	94	98	95	93
193	>99	>99	>99	>99	99	>99	99	98	99	99	97	98	96	95	98	95	94
194	>99	>99	>99	>99	99	>99	99	98	99	99	97	99	97	95	98	96	94
195	>99	>99	>99	>99	99	>99	99	98	99	99	97	99	97	95	98	96	95
196	>99	>99	>99	>99	99	>99	99	98	99	99	97	99	97	95	98	96	95
197	>99	>99	>99	>99	99	>99	99	99	99	99	97	99	97	96	99	96	95
198	>99	>99	>99	>99	99	>99	99	99	99	99	98	99	97	96	99	96	95
199	>99	>99	>99	>99	99	>99	>99	99	>99	99	98	99	98	96	99	97	96
200	>99	>99	>99	>99	99	>99	>99	99	>99	99	98	99	98	96	99	97	96
201	>99	>99	>99	>99	99	>99	>99	99	>99	99	98	99	98	96	99	97	96
202	>99	>99	>99	>99	99	>99	>99	99	>99	99	98	99	98	96	99	97	96
203	>99	>99	>99	>99	99	>99	>99	99	>99	99	98	99	98	97	99	97	97
204	>99	>99	>99	>99	>99	>99	>99	99	>99	99	98	99	98	97	99	97	97
205	>99	>99	>99	>99	>99	>99	>99	99	>99	99	98	99	98	97	99	97	97
206	>99	>99	>99	>99	>99	>99	>99	99	>99	>99	99	99	99	97	99	98	97
207	>99	>99	>99	>99	>99	>99	>99	99	>99	>99	99	99	99	97	99	98	97
208	>99	>99	>99	>99	>99	>99	>99	99	>99	>99	99	99	99	97	99	98	98
209	>99	>99	>99	>99	>99	>99	>99	99	>99	>99	99	>99	99	98	99	98	98
210	>99	>99	>99	>99	>99	>99	>99	99	>99	>99	99	>99	99	98	99	98	98
211	>99	>99	>99	>99	>99	>99	>99	99	>99	>99	99	>99	99	98	>99	98	98
212	>99	>99	>99	>99	>99	>99	>99	>99	>99	>99	99	>99	99	98	>99	98	98
213	>99	>99	>99	>99	>99	>99	>99	>99	>99	>99	99	>99	99	98	>99	98	98
214	>99	>99	>99	>99	>99	>99	>99	>99	>99	>99	99	>99	99	98	>99	99	98
215	>99	>99	>99	>99	>99	>99	>99	>99	>99	>99	99	>99	99	98	>99	99	98
216	>99	>99	>99	>99	>99	>99	>99	>99	>99	>99	99	>99	99	98	>99	99	98
217	>99	>99	>99	>99	>99	>99	>99	>99	>99	>99	99	>99	99	99	>99	99	99





ORF WC	First Grade		Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
306	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
307	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
308	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
309	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
310	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
311	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
312	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
313	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
314	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
315	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
316	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
317	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
318	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
319	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
320	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
321	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
322	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
323	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
324	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
325	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
326	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
327	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
328	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
329	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
330	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
331	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
332	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
333	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
334	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
335	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
336	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
337	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
338	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
339	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
340	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
341	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
342	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
343	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
344	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
345	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
346	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
347	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99
348	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99	>99	>99	>99

Note. Sample sizes by grade: 604,482 for first grade; 572,735 for second grade; 463,171 for third grade; 240,839 for fourth grade; 213,944 for fifth grade; 63,930 for sixth grade. Data exported from Acadience Data Management. ORF WC = Oral Reading Fluency Words Correct. BOY = Beginning of Year. MOY = Middle of Year. EOY = End of Year. Dashes indicate the maximum score possible is below the given percentile rank.



ORF ACC	First Grade		Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
45	7	4	4	2	1	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
46	7	4	4	2	1	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
47	8	5	4	2	1	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
48	8	5	4	2	1	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
49	9	5	4	2	1	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
50	9	5	4	2	1	2	1	1	1	<1	1	1	<1	<1	<1	<1	<1
51	10	6	5	2	2	2	1	1	1	1	1	1	<1	<1	<1	<1	<1
52	11	6	5	2	2	3	1	1	1	1	1	1	<1	<1	<1	<1	<1
53	11	6	5	2	2	3	1	1	1	1	1	1	<1	<1	<1	<1	<1
54	12	6	5	3	2	3	1	1	1	1	1	1	<1	<1	<1	<1	<1
55	13	7	5	3	2	3	1	1	1	1	1	1	<1	<1	<1	<1	<1
56	13	7	6	3	2	3	2	1	1	1	1	1	<1	<1	<1	<1	<1
57	14	7	6	3	2	3	2	1	1	1	1	1	<1	<1	<1	<1	<1
58	15	8	6	3	2	3	2	1	2	1	1	1	<1	<1	<1	<1	<1
59	16	8	6	3	2	4	2	1	2	1	1	1	<1	<1	<1	<1	<1
60	17	9	7	3	2	4	2	1	2	1	1	1	<1	<1	<1	<1	<1
61	18	9	7	3	3	4	2	1	2	1	1	1	<1	<1	<1	<1	<1
62	19	9	7	4	3	4	2	2	2	1	1	1	<1	<1	1	<1	<1
63	20	10	7	4	3	4	2	2	2	1	1	1	<1	<1	1	1	<1
64	21	10	8	4	3	4	2	2	2	1	1	1	<1	<1	1	1	<1
65	22	11	8	4	3	5	2	2	2	1	1	1	1	<1	1	1	<1
66	23	11	8	4	3	5	2	2	2	1	1	1	1	<1	1	1	<1
67	24	11	9	5	3	5	3	2	2	1	1	1	1	<1	1	1	<1
68	26	12	9	5	4	5	3	2	3	1	1	1	1	1	1	1	1
69	27	13	10	5	4	6	3	2	3	1	1	1	1	1	1	1	1
70	28	13	10	5	4	6	3	2	3	1	1	1	1	1	1	1	1
71	30	14	11	6	4	6	3	3	3	2	1	1	1	1	1	1	1
72	31	14	11	6	4	6	3	3	3	2	1	2	1	1	1	1	1
73	32	15	11	6	5	7	3	3	4	2	1	2	1	1	1	1	1
74	34	16	12	7	5	7	4	3	4	2	1	2	1	1	1	1	1
75	36	16	13	7	5	7	4	3	4	2	2	2	1	1	1	1	1
76	37	17	13	7	5	8	4	3	4	2	2	2	1	1	1	1	1
77	39	18	14	8	6	8	4	4	5	2	2	2	1	1	1	1	1
78	41	19	15	8	6	9	5	4	5	3	2	2	1	1	1	1	1
79	42	20	16	9	6	9	5	4	5	3	2	2	1	1	1	1	1
80	44	21	16	10	7	10	5	4	6	3	2	3	1	1	2	2	1
81	46	22	17	10	7	10	6	5	6	3	2	3	2	1	2	2	1
82	48	23	18	11	8	11	6	5	7	4	2	3	2	1	2	2	1
83	50	24	20	12	8	11	7	5	7	4	2	3	2	2	2	2	2
84	52	25	21	12	9	12	7	6	8	4	3	4	2	2	2	2	2
85	54	27	22	13	9	13	8	6	9	5	3	4	2	2	2	2	2
86	56	28	24	14	10	14	8	7	10	6	3	4	2	2	3	3	2
87	58	30	26	15	11	15	9	7	11	6	3	5	3	2	3	3	2
88	60	31	28	17	12	16	10	8	12	7	4	6	3	3	3	3	3
89	63	33	30	18	13	18	11	9	13	8	4	6	3	3	4	4	3
90	65	35	33	20	14	20	13	10	15	9	5	8	4	4	4	5	4
91	67	38	36	21	16	22	14	11	17	10	6	9	5	4	5	5	4

ORF ACC	First Grade		Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
92	69	40	39	23	17	25	16	12	20	12	6	11	5	5	6	6	5
93	72	43	43	26	19	29	19	15	23	14	8	13	7	7	7	8	6
94	74	47	48	28	22	33	22	17	28	17	9	16	9	8	9	10	7
95	77	51	53	32	25	39	26	21	33	20	12	21	12	11	12	13	9
96	80	56	60	37	30	47	32	27	40	26	16	27	16	14	16	17	13
97	83	63	68	44	36	57	40	36	50	34	22	35	25	21	23	24	19
98	87	72	77	53	46	70	53	49	62	46	34	48	39	33	36	37	30
99	92	83	87	69	64	85	72	70	79	67	57	69	65	58	62	60	56
100	97	95	97	90	88	96	91	91	94	90	86	91	90	87	90	88	87

*Note.* Sample sizes by grade: 604,482 for first grade; 572,735 for second grade; 463,171 for third grade; 240,839 for fourth grade; 213,944 for fifth grade; 63,930 for sixth grade. Data exported from Acadience Data Management. ORF ACC = Oral Reading Fluency Accuracy. BOY = Beginning of Year. MOY = Middle of Year. EOY = End of Year.



**Table 17***Percentile Ranks for Acadience Reading Retell*

Retell Score	First Grade		Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
0	7	3	2	1	1	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
1	15	6	4	3	2	3	2	1	2	1	1	1	1	<1	1	1	<1
2	16	7	5	3	2	3	2	1	2	1	1	1	1	<1	1	1	1
3	18	8	5	4	2	4	2	2	2	1	1	1	1	1	1	1	1
4	20	9	6	4	2	4	2	2	3	2	1	1	1	1	1	1	1
5	22	10	8	5	3	5	3	2	3	2	1	2	1	1	1	1	1
6	25	11	9	5	3	5	3	2	4	2	1	2	1	1	2	1	1
7	28	12	11	6	4	6	4	3	4	3	2	2	1	1	2	2	1
8	31	14	12	7	4	7	4	3	5	3	2	3	2	1	2	2	2
9	34	16	14	8	5	8	5	4	6	4	2	3	2	1	2	2	2
10	37	18	16	10	5	9	6	4	7	5	3	4	2	2	3	3	2
11	40	20	18	11	6	10	6	5	8	6	3	5	3	2	4	3	2
12	44	23	21	13	7	11	7	6	9	7	3	5	3	2	4	4	3
13	47	25	23	15	8	13	8	6	10	8	4	6	3	3	5	4	3
14	50	28	26	17	9	15	10	7	12	9	5	7	4	3	6	5	4
15	54	31	29	19	10	17	11	8	13	11	5	8	5	4	6	6	4
16	57	34	31	21	11	19	12	9	15	12	6	9	5	4	7	7	5
17	60	38	34	23	13	21	14	10	17	13	7	10	6	5	8	8	6
18	63	41	37	25	14	23	15	11	19	15	8	12	7	5	10	8	7
19	66	44	40	28	16	25	17	12	20	17	9	13	8	6	11	9	7
20	68	47	43	30	17	27	19	13	22	18	10	15	9	7	12	11	8
21	71	50	46	33	19	30	21	15	25	20	11	16	10	8	14	12	9
22	74	53	49	36	21	32	22	16	27	22	12	18	11	9	15	13	10
23	76	56	52	38	23	35	24	17	29	24	13	20	12	10	17	14	12
24	78	59	55	41	25	37	26	19	31	26	15	21	13	11	18	16	13
25	80	62	58	44	27	40	29	20	33	29	16	24	15	12	20	17	14
26	82	65	61	47	30	43	31	22	36	31	18	26	17	13	22	19	16
27	83	67	63	49	32	45	33	23	38	33	20	28	18	14	24	20	17
28	85	69	65	51	34	48	35	25	40	35	21	30	20	16	26	22	18
29	86	72	67	54	36	50	37	26	42	37	23	32	21	17	28	23	19
30	87	74	70	56	38	52	39	28	44	39	25	34	23	18	30	25	21
31	89	76	72	59	41	55	42	30	47	42	27	36	25	20	32	27	23
32	90	78	74	61	43	57	44	32	49	44	29	38	27	22	34	29	24
33	91	79	75	63	46	59	46	34	51	46	31	41	29	23	36	31	26
34	91	81	77	65	48	62	48	36	53	49	33	43	31	25	39	32	28
35	92	83	79	67	50	64	50	38	55	51	35	45	33	27	41	34	30
36	93	84	80	69	53	66	53	40	58	53	37	48	35	29	43	36	32
37	94	85	82	71	55	68	55	42	60	55	40	50	38	30	45	38	34
38	94	86	83	73	57	70	57	44	61	57	42	52	40	32	47	40	35
39	95	88	84	75	59	72	59	46	63	59	44	54	42	34	49	42	37
40	95	89	85	76	61	73	61	48	65	61	46	56	44	36	52	44	39
41	96	90	86	78	63	75	63	50	67	63	48	58	46	38	54	46	41
42	96	90	87	79	65	77	65	52	69	65	51	60	48	40	56	48	43
43	96	91	88	81	67	78	66	54	70	67	53	62	50	42	58	50	45

Retell Score	First Grade		Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
44	97	92	89	82	69	79	68	56	72	69	55	64	53	44	60	52	47
45	97	93	90	83	70	81	70	58	73	71	57	66	55	46	62	54	49
46	97	93	91	84	72	82	72	59	75	72	59	68	57	48	64	55	51
47	98	94	92	85	74	83	73	61	76	74	61	69	58	50	65	57	53
48	98	94	92	86	75	84	75	63	78	75	63	71	61	52	67	59	55
49	98	95	93	87	77	86	76	65	79	77	65	73	63	54	69	61	57
50	98	95	93	88	78	86	77	66	80	78	66	74	64	55	70	62	58
51	98	96	94	89	80	87	79	68	81	79	68	76	66	57	72	64	60
52	99	96	94	90	81	88	80	69	82	81	70	77	67	59	73	65	61
53	99	96	95	90	82	89	81	71	84	82	71	78	69	60	75	67	63
54	99	97	95	91	83	90	82	72	85	83	73	80	71	62	76	68	65
55	99	97	96	92	84	91	83	74	86	84	75	81	72	64	77	70	66
56	99	97	96	92	85	91	84	75	86	85	76	82	74	65	79	71	68
57	99	98	96	93	86	92	85	76	87	86	77	83	75	67	80	73	69
58	99	98	97	93	87	92	86	78	88	87	79	84	76	68	81	74	71
59	99	98	97	94	88	93	87	79	89	88	80	85	78	70	82	75	72
60	99	98	97	94	89	94	88	80	89	88	81	86	79	71	83	77	73
61	99	98	97	95	90	94	89	81	90	89	82	87	80	73	84	78	75
62	99	98	98	95	90	94	89	82	91	90	83	88	81	74	85	79	76
63	99	99	98	96	91	95	90	83	91	91	84	88	82	75	86	80	77
64	>99	99	98	96	92	95	91	84	92	91	85	89	83	77	87	81	78
65	>99	99	98	96	92	96	91	85	93	92	86	90	84	78	88	82	79
66	>99	99	98	96	93	96	92	86	93	92	87	90	85	79	89	83	80
67	>99	99	98	97	93	96	92	87	94	93	88	91	86	80	89	84	81
68	>99	99	98	97	94	96	93	88	94	93	89	92	87	81	90	85	82
69	>99	99	99	97	94	97	93	88	94	94	89	92	87	82	91	86	83
70	>99	99	99	97	95	97	94	89	95	94	90	93	88	83	91	87	84
71	>99	99	99	98	95	97	94	90	95	95	91	93	89	84	92	88	85
72	>99	99	99	98	95	98	95	91	96	95	91	94	90	86	93	88	86
73	>99	99	99	98	96	98	95	91	96	95	92	94	90	86	93	89	87
74	>99	99	99	98	96	98	95	92	96	96	92	95	91	87	93	90	88
75	>99	>99	99	98	96	98	96	92	96	96	93	95	91	88	94	90	88
76	>99	>99	99	98	97	98	96	93	97	96	93	95	92	89	94	91	89
77	>99	>99	99	99	97	98	96	93	97	97	94	96	92	89	95	91	90
78	>99	>99	99	99	97	98	96	94	97	97	94	96	93	90	95	92	90
79	>99	>99	99	99	97	99	97	94	97	97	95	96	93	91	95	92	91
80	>99	>99	99	99	97	99	97	94	98	97	95	96	94	91	96	93	91
81	>99	>99	>99	99	98	99	97	95	98	98	95	97	94	92	96	93	92
82	>99	>99	>99	99	98	99	97	95	98	98	96	97	95	92	96	94	92
83	>99	>99	>99	99	98	99	98	95	98	98	96	97	95	93	97	94	93
84	>99	>99	>99	99	98	99	98	96	98	98	96	97	95	93	97	95	93
85	>99	>99	>99	99	98	99	98	96	98	98	96	97	96	94	97	95	94
86	>99	>99	>99	99	98	99	98	96	98	98	97	98	96	94	97	95	94
87	>99	>99	>99	99	99	99	98	97	99	98	97	98	96	95	97	96	95
88	>99	>99	>99	99	99	99	98	97	99	99	97	98	96	95	98	96	95
89	>99	>99	>99	99	99	99	98	97	99	99	97	98	97	96	98	96	95

Retell Score	First Grade		Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
90	>99	>99	>99	>99	99	99	99	97	99	99	98	98	97	96	98	97	96
91	>99	>99	>99	>99	99	99	99	97	99	99	98	98	97	97	98	97	96
92	>99	>99	>99	>99	99	>99	99	98	99	99	98	99	97	97	98	97	96
93	>99	>99	>99	>99	99	>99	99	98	99	99	98	99	97	97	98	97	97
94	>99	>99	>99	>99	>99	>99	99	99	>99	>99	99	99	99	99	99	99	98

*Note.* Sample sizes by grade: 604,482 for first grade; 572,735 for second grade; 463,171 for third grade; 240,839 for fourth grade; 213,944 for fifth grade; 63,930 for sixth grade. Data exported from Acadience Data Management. BOY = Beginning of Year. MOY = Middle of Year. EOY = End of Year.

**Table 18***Percentile Ranks for Acadience Reading Maze Adjusted Score (Maze Adj. Score)*

Maze Adj. Score	Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
0	4	1	1	<1	<1	<1	1	<1	<1	<1	<1	<1
1	10	3	2	1	1	<1	2	1	1	1	1	1
2	14	5	3	2	1	1	2	2	1	1	1	1
3	19	7	3	4	2	1	4	2	1	1	2	2
4	24	9	4	5	3	2	5	3	1	2	2	2
5	30	12	5	7	4	2	7	4	2	2	3	2
6	35	16	6	10	5	3	8	5	2	2	3	3
7	41	21	7	12	7	3	10	6	3	3	4	3
8	47	26	9	15	9	4	12	8	3	4	5	4
9	54	31	10	18	11	4	15	10	4	4	6	5
10	60	36	12	21	14	5	17	12	5	5	7	6
11	65	41	15	25	17	6	20	15	6	6	8	7
12	71	45	18	29	21	7	23	18	7	7	9	8
13	76	49	21	34	26	8	27	21	8	8	11	10
14	80	53	25	39	31	9	30	26	10	10	12	11
15	83	58	29	43	35	11	34	30	12	12	14	13
16	86	61	32	48	40	12	38	35	14	14	16	15
17	89	65	36	52	45	14	42	40	17	17	19	17
18	91	69	40	57	49	16	45	45	20	21	21	20
19	92	72	44	62	54	18	50	50	24	26	24	22
20	94	76	48	67	58	21	54	55	28	30	27	26
21	96	79	52	71	62	24	58	60	31	35	30	29
22	97	83	57	77	66	29	62	65	35	39	33	33
23	98	85	62	81	70	34	65	69	39	43	37	37
24	98	88	66	84	74	39	68	73	43	47	40	40
25	99	90	69	86	77	45	71	76	47	51	44	44
26	99	92	72	88	81	50	74	80	51	54	48	47
27	99	93	75	90	84	54	77	83	54	58	51	51
28	99	95	78	92	86	58	79	85	58	62	55	55
29	99	96	81	93	88	62	81	87	61	65	58	59
30	>99	96	84	95	90	65	83	89	64	69	61	63
31	>99	97	87	95	91	68	85	91	67	72	64	67
32	>99	98	90	96	93	71	87	93	71	75	67	71
33	>99	98	91	97	94	74	89	94	74	79	71	74
34	>99	98	93	97	95	77	90	95	77	83	74	77
35	>99	99	94	98	96	80	92	96	79	85	76	79
36	>99	99	95	98	96	82	93	97	82	87	79	81
37	>99	99	96	99	97	84	94	97	84	88	82	83
38	>99	99	97	99	97	87	95	98	85	90	84	85
39	>99	99	97	99	98	89	96	98	87	91	86	87
40	>99	>99	98	99	98	91	96	99	88	93	88	89
41	>99	>99	98	99	99	93	97	99	90	94	90	90
42	>99	>99	99	99	99	94	97	99	91	95	91	92
43	>99	>99	99	99	99	95	98	99	92	96	92	94
44	>99	>99	99	>99	99	96	98	99	93	97	93	95

Maze Adj. Score	Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY	BOY	MOY	EOY
45	>99	>99	99	>99	99	97	98	>99	94	97	94	96
46	>99	>99	99	>99	>99	97	99	>99	95	98	95	97
47	>99	>99	>99	>99	>99	98	99	>99	96	98	96	97
48	>99	>99	>99	>99	>99	98	99	>99	96	98	97	97
49	>99	>99	>99	>99	>99	99	99	>99	97	99	97	98
50	>99	>99	>99	>99	>99	>99	99	>99	97	99	98	98
51	>99	>99	>99	>99	>99	>99	99	>99	97	99	98	98
52	-	-	-	>99	>99	>99	99	>99	98	99	99	99
53	-	-	-	>99	>99	>99	>99	>99	98	99	99	99
54	-	-	-	>99	>99	>99	>99	>99	98	99	99	99
55	-	-	-	>99	>99	>99	>99	>99	99	>99	99	99
56	-	-	-	>99	>99	>99	>99	>99	99	>99	99	99
57	-	-	-	>99	>99	>99	>99	>99	>99	>99	99	99
58	-	-	-	-	-	-	>99	>99	>99	>99	>99	99
59	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99
60	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99
61	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99
62	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99
63	-	-	-	-	-	-	>99	>99	>99	>99	>99	>99
64	-	-	-	-	-	-	-	-	-	>99	>99	>99
65	-	-	-	-	-	-	-	-	-	>99	>99	>99
66	-	-	-	-	-	-	-	-	-	>99	>99	>99
67	-	-	-	-	-	-	-	-	-	>99	>99	>99
68	-	-	-	-	-	-	-	-	-	>99	>99	>99
69	-	-	-	-	-	-	-	-	-	>99	>99	>99
70	-	-	-	-	-	-	-	-	-	>99	>99	>99
71	-	-	-	-	-	-	-	-	-	>99	>99	>99
72	-	-	-	-	-	-	-	-	-	>99	>99	>99

*Note.* Sample sizes by grade: 463,171 for third grade; 240,839 for fourth grade; 213,944 for fifth grade; 63,930 for sixth grade. Data exported from Acadience Data Management. Maze Adj. Score = Maze Adjusted Score. BOY = Beginning of Year. MOY = Middle of Year. EOY = End of Year. Dashes indicate the maximum score possible is below the given percentile rank.

**Table 19***Percentile Ranks for the Acadience Reading Composite Score (RCS)*

RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
0	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1	8	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2	11	1	<1	<1	<1	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
3	14	1	<1	<1	<1	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4	16	1	<1	<1	<1	1	1	1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
5	18	1	<1	1	1	2	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
6	20	1	<1	1	1	2	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7	21	1	<1	1	1	3	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
8	23	1	1	1	1	3	3	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
9	24	1	1	1	1	3	3	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
10	25	1	1	1	1	4	3	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
11	27	2	1	1	1	4	4	2	1	2	1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1
12	28	2	1	1	1	4	4	2	1	2	1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1
13	30	2	1	1	1	5	4	3	2	2	1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1
14	31	2	1	1	2	5	5	3	2	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
15	32	2	1	1	2	5	5	3	2	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
16	34	2	1	1	2	5	5	3	2	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
17	35	2	1	1	2	6	5	3	2	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
18	36	2	1	1	2	6	5	4	2	3	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1
19	38	3	1	1	2	6	6	4	3	3	1	1	1	<1	<1	1	<1	<1	<1	<1	<1
20	39	3	1	2	2	6	6	4	3	3	1	1	1	1	<1	1	<1	<1	<1	<1	<1
21	40	3	1	2	3	6	6	4	3	3	1	1	1	1	<1	1	<1	<1	<1	<1	<1
22	42	3	1	2	3	7	6	4	3	3	1	1	1	1	1	1	<1	<1	<1	<1	<1
23	43	3	1	2	3	7	7	5	3	3	1	1	1	1	1	1	<1	<1	<1	<1	<1
24	44	3	1	2	3	7	7	5	3	4	1	1	1	1	1	1	<1	<1	<1	<1	<1
25	46	3	1	2	4	7	7	5	3	4	2	1	1	1	1	1	<1	<1	<1	<1	<1
26	47	3	2	2	4	8	7	5	3	4	2	1	1	1	1	1	<1	<1	<1	<1	<1
27	48	4	2	2	4	8	7	5	4	4	2	1	1	1	1	1	<1	<1	<1	<1	<1
28	50	4	2	2	4	8	7	6	4	4	2	1	2	1	1	1	<1	<1	<1	<1	<1
29	51	4	2	3	5	8	8	6	4	4	2	1	2	1	1	1	<1	<1	<1	<1	<1
30	52	4	2	3	5	9	8	6	4	4	2	1	2	1	1	1	<1	<1	<1	<1	<1
31	53	4	2	3	5	9	8	6	4	5	2	1	2	1	1	1	<1	<1	<1	<1	<1
32	55	4	2	3	5	9	8	7	4	5	2	2	2	1	1	1	<1	<1	<1	<1	<1
33	56	5	2	3	6	9	8	7	4	5	2	2	2	1	1	1	<1	<1	<1	<1	<1
34	57	5	2	3	6	9	8	7	4	5	2	2	2	1	1	1	<1	<1	<1	<1	<1
35	58	5	2	3	6	10	9	7	5	5	2	2	2	1	1	1	1	<1	<1	<1	<1
36	59	5	2	3	6	10	9	7	5	5	2	2	2	1	1	1	1	<1	<1	<1	<1
37	60	5	2	4	7	10	9	7	5	5	2	2	2	1	1	1	1	<1	1	<1	<1
38	62	5	3	4	7	10	9	8	5	6	2	2	2	1	1	1	1	<1	1	1	<1
39	63	6	3	4	7	10	9	8	5	6	3	2	2	1	1	1	1	<1	1	1	<1
40	64	6	3	4	7	11	9	8	5	6	3	2	2	1	1	1	1	<1	1	1	<1
41	65	6	3	4	8	11	9	8	5	6	3	2	2	1	1	1	1	<1	1	1	<1
42	66	6	3	4	8	11	9	8	5	6	3	2	3	1	1	1	1	<1	1	1	<1
43	67	6	3	4	8	11	10	8	5	6	3	2	3	1	1	1	1	<1	1	1	<1
44	68	6	3	5	9	11	10	9	6	6	3	2	3	1	1	1	1	<1	1	1	<1

RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
45	69	7	3	5	9	11	10	9	6	7	3	2	3	2	1	1	1	<1	1	1	1
46	70	7	3	5	9	12	10	9	6	7	3	2	3	2	1	1	1	<1	1	1	1
47	71	7	3	5	9	12	10	9	6	7	3	2	3	2	1	2	1	<1	1	1	1
48	72	7	4	5	10	12	10	9	6	7	3	3	3	2	1	2	1	1	1	1	1
49	73	8	4	6	10	12	10	10	6	7	3	3	3	2	1	2	1	1	1	1	1
50	74	8	4	6	10	12	10	10	6	7	3	3	3	2	1	2	1	1	1	1	1
51	75	8	4	6	11	12	10	10	6	7	3	3	3	2	1	2	1	1	1	1	1
52	76	8	4	6	11	13	11	10	6	8	4	3	3	2	1	2	1	1	1	1	1
53	77	8	4	6	11	13	11	10	7	8	4	3	3	2	1	2	1	1	1	1	1
54	78	9	4	7	11	13	11	10	7	8	4	3	3	2	1	2	1	1	1	1	1
55	79	9	4	7	12	13	11	11	7	8	4	3	4	2	1	2	1	1	1	1	1
56	80	9	5	7	12	13	11	11	7	8	4	3	4	2	1	2	1	1	1	1	1
57	81	9	5	7	12	13	11	11	7	8	4	3	4	2	1	2	1	1	1	1	1
58	82	10	5	7	13	14	11	11	7	8	4	3	4	2	1	2	1	1	1	1	1
59	83	10	5	8	13	14	11	11	7	9	4	3	4	2	1	2	1	1	1	1	1
60	83	10	5	8	13	14	12	11	7	9	4	3	4	2	1	2	1	1	1	1	1
61	84	10	5	8	13	14	12	12	7	9	4	3	4	2	1	2	1	1	1	1	1
62	85	11	6	9	14	14	12	12	7	9	4	3	4	2	2	2	1	1	1	1	1
63	86	11	6	9	14	14	12	12	8	9	4	3	4	2	2	2	1	1	1	1	1
64	86	11	6	9	14	14	12	12	8	9	4	3	4	2	2	2	1	1	1	1	1
65	87	11	6	9	14	15	12	12	8	9	5	4	4	2	2	2	1	1	1	1	1
66	88	12	6	10	15	15	12	12	8	10	5	4	4	2	2	2	1	1	1	1	1
67	88	12	6	10	15	15	12	13	8	10	5	4	5	3	2	2	1	1	1	1	1
68	89	12	7	10	15	15	13	13	8	10	5	4	5	3	2	2	1	1	1	1	1
69	89	13	7	11	16	15	13	13	8	10	5	4	5	3	2	2	1	1	1	1	1
70	90	13	7	11	16	15	13	13	8	10	5	4	5	3	2	2	1	1	1	1	1
71	91	13	7	12	16	16	13	13	8	10	5	4	5	3	2	2	1	1	1	1	1
72	91	14	7	12	16	16	13	13	9	10	5	4	5	3	2	2	1	1	1	1	1
73	92	14	8	12	17	16	13	14	9	10	5	4	5	3	2	3	1	1	1	1	1
74	92	14	8	13	17	16	13	14	9	11	5	4	5	3	2	3	1	1	1	1	1
75	93	14	8	13	17	16	14	14	9	11	5	4	5	3	2	3	1	1	1	1	1
76	93	15	8	14	18	16	14	14	9	11	5	4	5	3	2	3	1	1	1	1	1
77	94	15	9	14	18	17	14	14	9	11	6	4	5	3	2	3	1	1	1	1	1
78	94	15	9	14	18	17	14	14	9	11	6	4	5	3	2	3	1	1	1	1	1
79	94	16	9	15	19	17	14	14	9	11	6	4	6	3	2	3	1	1	1	1	1
80	95	16	9	15	19	17	14	15	9	11	6	4	6	3	2	3	1	1	1	1	1
81	95	17	10	16	19	17	15	15	9	11	6	4	6	3	2	3	2	1	1	1	1
82	95	17	10	16	19	17	15	15	10	12	6	4	6	3	2	3	2	1	1	1	1
83	96	17	10	17	20	18	15	15	10	12	6	5	6	3	2	3	2	1	1	1	1
84	96	18	11	18	20	18	15	15	10	12	6	5	6	3	2	3	2	1	1	1	1
85	96	18	11	18	20	18	15	15	10	12	6	5	6	3	2	3	2	1	1	1	1
86	97	18	11	19	21	18	15	15	10	12	6	5	6	3	2	3	2	1	1	1	1
87	97	19	11	19	21	18	16	15	10	12	6	5	6	4	2	3	2	1	1	1	1
88	97	19	12	20	21	18	16	16	10	12	6	5	6	4	2	3	2	1	1	1	1
89	97	20	12	21	22	19	16	16	10	12	7	5	6	4	2	3	2	1	2	1	1
90	98	20	12	21	22	19	16	16	10	13	7	5	7	4	2	3	2	1	2	1	1
91	98	20	13	22	22	19	16	16	10	13	7	5	7	4	2	3	2	1	2	2	1

RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
92	98	21	13	23	23	19	16	16	10	13	7	5	7	4	2	3	2	1	2	2	1
93	98	21	14	23	23	19	17	16	11	13	7	5	7	4	2	3	2	1	2	2	1
94	98	22	14	24	23	20	17	16	11	13	7	5	7	4	2	3	2	1	2	2	1
95	98	22	14	25	24	20	17	16	11	13	7	5	7	4	2	3	2	1	2	2	1
96	98	23	15	25	24	20	17	17	11	13	7	5	7	4	2	3	2	1	2	2	1
97	99	23	15	26	24	20	17	17	11	13	7	5	7	4	2	3	2	1	2	2	1
98	99	23	16	27	25	20	18	17	11	13	7	5	7	4	2	4	2	1	2	2	1
99	99	24	16	28	25	21	18	17	11	14	7	5	7	4	2	4	2	1	2	2	1
100	99	24	17	29	25	21	18	17	11	14	7	5	7	4	2	4	2	1	2	2	1
101	99	25	17	29	26	21	18	17	11	14	7	5	7	4	2	4	2	1	2	2	1
102	99	25	18	30	26	21	19	17	11	14	8	5	8	4	3	4	2	1	2	2	2
103	99	26	18	31	27	21	19	17	11	14	8	6	8	4	3	4	2	1	2	2	2
104	99	26	19	32	27	22	19	17	12	14	8	6	8	4	3	4	2	1	2	2	2
105	99	27	19	33	27	22	19	18	12	14	8	6	8	4	3	4	2	1	2	2	2
106	99	27	20	34	28	22	19	18	12	14	8	6	8	5	3	4	2	1	2	2	2
107	99	28	20	35	28	22	20	18	12	14	8	6	8	5	3	4	2	1	2	2	2
108	>99	28	21	36	28	23	20	18	12	15	8	6	8	5	3	4	2	2	2	2	2
109	>99	29	21	37	29	23	20	18	12	15	8	6	8	5	3	4	2	2	2	2	2
110	>99	29	22	38	29	23	20	18	12	15	8	6	8	5	3	4	2	2	2	2	2
111	>99	30	23	39	29	23	21	18	12	15	8	6	8	5	3	4	2	2	2	2	2
112	>99	30	23	39	30	23	21	18	12	15	8	6	8	5	3	4	2	2	2	2	2
113	>99	31	24	40	30	24	21	19	12	15	8	6	8	5	3	4	2	2	2	2	2
114	>99	31	25	41	31	24	21	19	12	15	9	6	9	5	3	4	2	2	2	2	2
115	>99	32	25	42	31	24	22	19	13	15	9	6	9	5	3	4	2	2	2	2	2
116	>99	32	26	43	31	24	22	19	13	15	9	6	9	5	3	4	2	2	2	2	2
117	>99	33	27	44	32	25	22	19	13	16	9	6	9	5	3	4	2	2	2	2	2
118	>99	34	27	45	32	25	23	19	13	16	9	6	9	5	3	4	2	2	2	2	2
119	>99	34	28	46	33	25	23	19	13	16	9	6	9	5	3	4	2	2	2	2	2
120	>99	35	29	47	33	25	23	20	13	16	9	6	9	5	3	4	2	2	2	2	2
121	>99	35	30	48	33	26	23	20	13	16	9	6	9	5	3	4	2	2	2	2	2
122	>99	36	31	49	34	26	24	20	13	16	9	6	9	5	3	5	2	2	2	2	2
123	>99	36	31	50	34	26	24	20	13	16	9	6	9	6	3	5	2	2	2	2	2
124	>99	37	32	51	35	27	24	20	13	16	9	7	9	6	3	5	2	2	2	2	2
125	>99	38	33	52	35	27	25	20	13	17	9	7	10	6	3	5	3	2	2	2	2
126	>99	38	34	53	35	27	25	20	14	17	10	7	10	6	3	5	3	2	2	2	2
127	>99	39	35	54	36	27	25	20	14	17	10	7	10	6	3	5	3	2	2	2	2
128	>99	39	36	55	36	28	25	21	14	17	10	7	10	6	3	5	3	2	2	2	2
129	>99	40	37	56	37	28	26	21	14	17	10	7	10	6	3	5	3	2	2	2	2
130	>99	41	38	57	37	28	26	21	14	17	10	7	10	6	3	5	3	2	2	3	2
131	>99	41	38	58	37	28	26	21	14	17	10	7	10	6	3	5	3	2	2	3	2
132	>99	42	39	59	38	29	27	21	14	17	10	7	10	6	3	5	3	2	3	3	2
133	>99	43	40	60	38	29	27	21	14	18	10	7	10	6	3	5	3	2	3	3	2
134	>99	43	41	61	39	29	27	21	14	18	10	7	10	6	3	5	3	2	3	3	2
135	>99	44	42	62	39	30	28	22	15	18	10	7	11	6	3	5	3	2	3	3	2
136	>99	45	43	63	39	30	28	22	15	18	10	7	11	6	3	5	3	2	3	3	2
137	>99	45	44	64	40	30	28	22	15	18	10	7	11	6	3	5	3	2	3	3	2
138	>99	46	45	65	40	30	29	22	15	18	11	7	11	6	3	5	3	2	3	3	2



RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
139	>99	46	46	65	41	31	29	22	15	18	11	7	11	6	3	5	3	2	3	3	2
140	>99	47	47	66	41	31	29	22	15	18	11	7	11	7	3	5	3	2	3	3	2
141	>99	48	48	67	41	31	30	23	15	19	11	7	11	7	4	5	3	2	3	3	2
142	>99	49	49	68	42	32	30	23	15	19	11	7	11	7	4	5	3	2	3	3	2
143	>99	49	50	69	42	32	30	23	15	19	11	7	11	7	4	6	3	2	3	3	2
144	>99	50	51	69	43	32	31	23	15	19	11	7	11	7	4	6	3	2	3	3	2
145	>99	51	52	70	43	33	31	23	16	19	11	8	11	7	4	6	3	2	3	3	2
146	>99	51	53	71	43	33	32	23	16	19	11	8	12	7	4	6	3	2	3	3	2
147	>99	52	53	72	44	33	32	23	16	19	11	8	12	7	4	6	3	2	3	3	2
148	>99	53	54	72	44	33	32	24	16	20	11	8	12	7	4	6	3	2	3	3	2
149	>99	53	55	73	45	34	33	24	16	20	11	8	12	7	4	6	3	2	3	3	2
150	>99	54	56	74	45	34	33	24	16	20	12	8	12	7	4	6	3	2	3	3	2
151	>99	55	57	75	46	34	33	24	16	20	12	8	12	7	4	6	3	2	3	3	2
152	>99	56	58	75	46	35	34	24	16	20	12	8	12	7	4	6	3	2	3	3	3
153	>99	56	59	76	46	35	34	25	17	20	12	8	12	7	4	6	3	3	3	3	3
154	>99	57	60	77	47	35	35	25	17	21	12	8	12	7	4	6	3	3	3	3	3
155	>99	58	61	77	47	36	35	25	17	21	12	8	12	8	4	6	3	3	3	3	3
156	>99	58	62	78	47	36	35	25	17	21	12	8	13	8	4	6	3	3	3	3	3
157	>99	59	63	78	48	36	36	25	17	21	12	8	13	8	4	6	3	3	3	3	3
158	>99	60	63	79	48	37	36	25	17	21	12	8	13	8	4	6	3	3	3	3	3
159	>99	60	64	80	49	37	37	26	17	21	12	8	13	8	4	6	3	3	3	3	3
160	>99	61	65	80	49	37	37	26	18	21	13	8	13	8	4	6	3	3	3	3	3
161	>99	62	66	81	49	38	37	26	18	22	13	8	13	8	4	7	4	3	3	3	3
162	>99	63	67	81	50	38	38	26	18	22	13	8	13	8	4	7	4	3	3	3	3
163	>99	63	68	82	50	39	38	26	18	22	13	8	13	8	4	7	4	3	3	4	3
164	>99	64	68	82	51	39	39	27	18	22	13	9	13	8	4	7	4	3	3	4	3
165	>99	65	69	83	51	39	39	27	18	22	13	9	14	8	4	7	4	3	3	4	3
166	>99	65	70	83	51	40	39	27	18	22	13	9	14	8	4	7	4	3	3	4	3
167	>99	66	71	84	52	40	40	27	18	23	13	9	14	8	4	7	4	3	3	4	3
168	>99	67	71	84	52	40	40	27	19	23	13	9	14	9	4	7	4	3	3	4	3
169	>99	67	72	84	52	41	41	28	19	23	13	9	14	9	4	7	4	3	4	4	3
170	>99	68	73	85	53	41	41	28	19	23	14	9	14	9	4	7	4	3	4	4	3
171	-	69	73	85	53	41	42	28	19	23	14	9	14	9	4	7	4	3	4	4	3
172	-	69	74	86	54	42	42	28	19	23	14	9	14	9	4	7	4	3	4	4	3
173	-	70	75	86	54	42	42	28	19	24	14	9	15	9	4	7	4	3	4	4	3
174	-	71	75	86	54	42	43	29	19	24	14	9	15	9	5	7	4	3	4	4	3
175	-	71	76	87	55	43	43	29	20	24	14	9	15	9	5	8	4	3	4	4	3
176	-	72	77	87	55	43	44	29	20	24	14	9	15	9	5	8	4	3	4	4	3
177	-	73	77	88	55	44	44	29	20	24	14	9	15	9	5	8	4	3	4	4	3
178	-	73	78	88	56	44	45	30	20	25	14	9	15	9	5	8	4	3	4	4	3
179	-	74	79	88	56	44	45	30	20	25	15	9	15	9	5	8	4	3	4	4	3
180	-	75	79	89	56	45	46	30	20	25	15	9	16	9	5	8	4	3	4	4	3
181	-	75	80	89	57	45	46	30	21	25	15	10	16	10	5	8	4	3	4	4	3
182	-	76	80	89	57	46	46	30	21	25	15	10	16	10	5	8	4	3	4	4	3
183	-	76	81	89	57	46	47	31	21	26	15	10	16	10	5	8	4	3	4	4	3
184	-	77	81	90	58	46	47	31	21	26	15	10	16	10	5	8	4	3	4	4	3
185	-	78	82	90	58	47	48	31	21	26	15	10	16	10	5	8	4	3	4	4	3

RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
186	–	78	82	90	58	47	48	31	21	26	15	10	16	10	5	8	4	3	4	4	3
187	–	79	83	91	59	47	49	32	22	27	15	10	16	10	5	8	5	4	4	4	3
188	–	79	83	91	59	48	49	32	22	27	16	10	17	10	5	9	5	4	4	4	3
189	–	80	84	91	59	48	49	32	22	27	16	10	17	10	5	9	5	4	4	4	4
190	–	81	84	91	60	49	50	32	22	27	16	10	17	10	5	9	5	4	4	5	4
191	–	81	85	92	60	49	50	33	22	27	16	10	17	10	5	9	5	4	4	5	4
192	–	82	85	92	60	49	51	33	22	28	16	10	17	11	5	9	5	4	4	5	4
193	–	82	86	92	61	50	51	33	23	28	16	10	17	11	5	9	5	4	4	5	4
194	–	83	86	92	61	50	52	34	23	28	16	10	18	11	5	9	5	4	4	5	4
195	–	83	86	92	61	51	52	34	23	28	17	11	18	11	5	9	5	4	4	5	4
196	–	84	87	93	61	51	53	34	23	29	17	11	18	11	5	9	5	4	4	5	4
197	–	84	87	93	62	51	53	34	23	29	17	11	18	11	5	9	5	4	4	5	4
198	–	85	87	93	62	52	54	35	24	29	17	11	18	11	5	10	5	4	5	5	4
199	–	85	88	93	62	52	54	35	24	29	17	11	18	11	5	10	5	4	5	5	4
200	–	85	88	93	63	53	54	35	24	29	17	11	18	11	6	10	5	4	5	5	4
201	–	86	88	94	63	53	55	36	24	30	17	11	19	12	6	10	5	4	5	5	4
202	–	86	89	94	63	53	55	36	25	30	17	11	19	12	6	10	5	4	5	5	4
203	–	87	89	94	63	54	56	36	25	30	18	11	19	12	6	10	5	4	5	5	4
204	–	87	89	94	64	54	56	37	25	30	18	11	19	12	6	10	5	4	5	5	4
205	–	88	90	94	64	55	57	37	25	31	18	11	19	12	6	10	5	4	5	5	4
206	–	88	90	95	64	55	57	37	25	31	18	11	19	12	6	10	6	4	5	5	4
207	–	88	90	95	65	56	58	37	26	31	18	11	20	12	6	11	6	4	5	5	4
208	–	89	91	95	65	56	58	38	26	32	18	12	20	12	6	11	6	4	5	5	4
209	–	89	91	95	65	56	59	38	26	32	19	12	20	12	6	11	6	4	5	5	4
210	–	89	91	95	65	57	59	38	26	32	19	12	20	12	6	11	6	4	5	5	4
211	–	90	91	95	66	57	59	39	27	32	19	12	20	13	6	11	6	4	5	5	4
212	–	90	92	95	66	58	60	39	27	33	19	12	20	13	6	11	6	4	5	5	4
213	–	90	92	96	66	58	60	40	27	33	19	12	21	13	6	11	6	5	5	6	4
214	–	91	92	96	67	58	61	40	27	33	19	12	21	13	6	11	6	5	5	6	4
215	–	91	92	96	67	59	61	40	28	33	19	12	21	13	6	12	6	5	5	6	4
216	–	91	92	96	67	59	62	41	28	34	20	12	21	13	6	12	6	5	5	6	5
217	–	92	93	96	67	60	62	41	28	34	20	12	21	13	6	12	6	5	5	6	5
218	–	92	93	96	68	60	63	41	28	34	20	12	22	13	6	12	6	5	5	6	5
219	–	92	93	96	68	61	63	42	29	35	20	13	22	14	6	12	6	5	5	6	5
220	–	93	93	96	68	61	63	42	29	35	20	13	22	14	6	12	6	5	5	6	5
221	–	93	93	96	68	61	64	42	29	35	21	13	22	14	7	12	7	5	6	6	5
222	–	93	94	97	69	62	64	43	30	35	21	13	22	14	7	12	7	5	6	6	5
223	–	93	94	97	69	62	65	43	30	36	21	13	23	14	7	13	7	5	6	6	5
224	–	94	94	97	69	63	65	43	30	36	21	13	23	14	7	13	7	5	6	6	5
225	–	94	94	97	69	63	66	44	30	36	21	13	23	14	7	13	7	5	6	6	5
226	–	94	94	97	70	63	66	44	31	37	21	13	23	14	7	13	7	5	6	6	5
227	–	94	94	97	70	64	66	45	31	37	22	13	23	15	7	13	7	5	6	6	5
228	–	94	95	97	70	64	67	45	31	37	22	14	23	15	7	13	7	5	6	6	5
229	–	95	95	97	70	65	67	45	32	38	22	14	24	15	7	13	7	5	6	6	5
230	–	95	95	97	71	65	68	46	32	38	22	14	24	15	7	14	7	5	6	6	5
231	–	95	95	97	71	66	68	46	32	38	22	14	24	15	7	14	7	5	6	7	5
232	–	95	95	97	71	66	68	47	33	39	23	14	24	15	7	14	7	5	6	7	5

RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
233	–	95	95	98	71	66	69	47	33	39	23	14	25	15	7	14	7	6	6	7	5
234	–	96	95	98	72	67	69	48	33	39	23	14	25	16	7	14	8	6	6	7	5
235	–	96	96	98	72	67	70	48	34	39	23	14	25	16	7	14	8	6	6	7	5
236	–	96	96	98	72	68	70	48	34	40	23	14	25	16	7	14	8	6	6	7	5
237	–	96	96	98	72	68	71	49	34	40	24	15	25	16	7	15	8	6	6	7	6
238	–	96	96	98	72	68	71	49	35	40	24	15	26	16	8	15	8	6	6	7	6
239	–	96	96	98	73	69	71	50	35	41	24	15	26	16	8	15	8	6	7	7	6
240	–	96	96	98	73	69	72	50	35	41	24	15	26	16	8	15	8	6	7	7	6
241	–	97	96	98	73	70	72	51	36	41	24	15	26	17	8	15	8	6	7	7	6
242	–	97	96	98	73	70	73	51	36	42	25	15	27	17	8	15	8	6	7	7	6
243	–	97	96	98	74	70	73	51	36	42	25	15	27	17	8	16	8	6	7	7	6
244	–	97	97	98	74	71	73	52	37	42	25	15	27	17	8	16	9	6	7	7	6
245	–	97	97	98	74	71	74	52	37	43	25	16	27	17	8	16	9	6	7	8	6
246	–	97	97	98	74	72	74	53	38	43	25	16	27	17	8	16	9	6	7	8	6
247	–	97	97	98	74	72	74	53	38	44	26	16	28	18	8	16	9	6	7	8	6
248	–	97	97	99	75	72	75	54	38	44	26	16	28	18	8	17	9	6	7	8	6
249	–	97	97	99	75	73	75	54	39	44	26	16	28	18	8	17	9	7	7	8	6
250	–	98	97	99	75	73	76	55	39	45	26	16	28	18	8	17	9	7	7	8	6
251	–	98	97	99	75	74	76	55	40	45	27	16	29	18	8	17	9	7	7	8	6
252	–	98	97	99	76	74	76	56	40	45	27	17	29	18	8	17	9	7	7	8	6
253	–	98	97	99	76	74	77	56	41	46	27	17	29	19	9	17	10	7	8	8	6
254	–	98	97	99	76	75	77	57	41	46	27	17	29	19	9	18	10	7	8	8	7
255	–	98	97	99	76	75	77	57	41	46	28	17	30	19	9	18	10	7	8	8	7
256	–	98	98	99	76	76	78	58	42	47	28	17	30	19	9	18	10	7	8	8	7
257	–	98	98	99	77	76	78	58	42	47	28	17	30	19	9	18	10	7	8	9	7
258	–	98	98	99	77	76	79	59	43	47	28	17	30	19	9	18	10	7	8	9	7
259	–	98	98	99	77	77	79	59	43	48	29	18	31	20	9	19	10	7	8	9	7
260	–	98	98	99	77	77	79	60	44	48	29	18	31	20	9	19	10	7	8	9	7
261	–	98	98	99	77	77	80	60	44	48	29	18	31	20	9	19	10	7	8	9	7
262	–	98	98	99	78	78	80	61	45	49	29	18	31	20	9	19	11	8	8	9	7
263	–	99	98	99	78	78	80	61	45	49	30	18	32	20	9	19	11	8	8	9	7
264	–	99	98	99	78	79	81	61	46	50	30	18	32	21	9	20	11	8	8	9	7
265	–	99	98	99	78	79	81	62	46	50	30	19	32	21	10	20	11	8	9	9	7
266	–	99	98	99	78	79	81	62	47	50	30	19	32	21	10	20	11	8	9	9	7
267	–	99	98	99	79	80	82	63	47	51	31	19	33	21	10	20	11	8	9	9	7
268	–	99	98	99	79	80	82	63	47	51	31	19	33	21	10	20	11	8	9	10	8
269	–	99	98	99	79	80	82	64	48	51	31	19	33	22	10	21	12	8	9	10	8
270	–	99	98	99	79	81	83	64	48	52	32	19	33	22	10	21	12	8	9	10	8
271	–	99	99	99	79	81	83	65	49	52	32	20	34	22	10	21	12	8	9	10	8
272	–	99	99	>99	80	82	83	65	49	53	32	20	34	22	10	21	12	8	9	10	8
273	–	99	99	>99	80	82	84	66	50	53	32	20	34	22	10	21	12	8	9	10	8
274	–	99	99	>99	80	82	84	66	50	53	33	20	35	23	10	22	12	9	9	10	8
275	–	99	99	>99	80	83	84	67	51	54	33	20	35	23	10	22	12	9	10	10	8
276	–	99	99	>99	80	83	84	67	51	54	33	20	35	23	11	22	13	9	10	10	8
277	–	99	99	>99	81	83	85	68	52	54	34	21	35	23	11	22	13	9	10	10	8
278	–	99	99	>99	81	84	85	68	52	55	34	21	36	24	11	23	13	9	10	11	8
279	–	99	99	>99	81	84	85	69	53	55	34	21	36	24	11	23	13	9	10	11	8

RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
280	–	99	99	>99	81	84	86	69	53	56	34	21	36	24	11	23	13	9	10	11	9
281	–	99	99	>99	81	85	86	70	54	56	35	21	37	24	11	23	13	9	10	11	9
282	–	99	99	>99	81	85	86	70	54	56	35	22	37	24	11	24	14	9	10	11	9
283	–	99	99	>99	82	85	87	71	55	57	35	22	37	25	11	24	14	9	10	11	9
284	–	99	99	>99	82	86	87	71	55	57	36	22	37	25	11	24	14	10	11	11	9
285	–	99	99	>99	82	86	87	72	56	57	36	22	38	25	12	24	14	10	11	11	9
286	–	99	99	>99	82	86	88	72	56	58	36	22	38	25	12	25	14	10	11	12	9
287	–	99	99	>99	82	87	88	72	57	58	37	23	38	26	12	25	14	10	11	12	9
288	–	99	99	>99	83	87	88	73	57	59	37	23	39	26	12	25	15	10	11	12	9
289	–	99	99	>99	83	87	88	73	58	59	37	23	39	26	12	25	15	10	11	12	9
290	–	99	99	>99	83	88	89	74	58	59	38	23	39	26	12	26	15	10	11	12	10
291	–	99	99	>99	83	88	89	74	59	60	38	23	40	27	12	26	15	10	11	12	10
292	–	99	99	>99	83	88	89	75	59	60	38	24	40	27	12	26	15	10	12	12	10
293	–	99	>99	>99	83	89	89	75	60	60	39	24	40	27	12	26	16	11	12	12	10
294	–	99	>99	>99	84	89	90	76	60	61	39	24	40	27	13	27	16	11	12	13	10
295	–	>99	>99	>99	84	89	90	76	61	61	39	24	41	28	13	27	16	11	12	13	10
296	–	>99	>99	>99	84	90	90	76	61	62	40	24	41	28	13	27	16	11	12	13	10
297	–	>99	>99	>99	84	90	91	77	62	62	40	25	41	28	13	27	16	11	12	13	10
298	–	>99	>99	>99	84	90	91	77	62	62	40	25	42	29	13	28	17	11	12	13	10
299	–	>99	>99	>99	84	90	91	78	63	63	41	25	42	29	13	28	17	11	13	13	11
300	–	>99	>99	>99	85	91	91	78	63	63	41	25	42	29	13	28	17	11	13	13	11
301	–	>99	>99	>99	85	91	92	78	64	63	41	26	43	29	14	28	17	12	13	14	11
302	–	>99	>99	>99	85	91	92	79	64	64	42	26	43	30	14	29	18	12	13	14	11
303	–	>99	>99	>99	85	92	92	79	65	64	42	26	43	30	14	29	18	12	13	14	11
304	–	>99	>99	>99	85	92	92	80	65	65	42	26	44	30	14	29	18	12	13	14	11
305	–	>99	>99	>99	85	92	92	80	66	65	43	27	44	30	14	30	18	12	14	14	11
306	–	>99	>99	>99	86	92	93	80	66	65	43	27	44	31	14	30	19	12	14	14	11
307	–	>99	>99	>99	86	93	93	81	67	66	44	27	45	31	14	30	19	12	14	15	12
308	–	>99	>99	>99	86	93	93	81	67	66	44	27	45	31	15	30	19	12	14	15	12
309	–	>99	>99	>99	86	93	93	81	67	66	44	28	45	32	15	31	19	13	14	15	12
310	–	>99	>99	>99	86	93	94	82	68	67	45	28	46	32	15	31	20	13	15	15	12
311	–	>99	>99	>99	86	93	94	82	68	67	45	28	46	32	15	31	20	13	15	15	12
312	–	>99	>99	>99	86	94	94	82	69	67	45	28	46	33	15	32	20	13	15	15	12
313	–	>99	>99	>99	87	94	94	83	69	68	46	29	47	33	15	32	20	13	15	16	12
314	–	>99	>99	>99	87	94	94	83	70	68	46	29	47	33	16	32	21	13	15	16	12
315	–	>99	>99	>99	87	94	95	83	70	68	46	29	47	33	16	33	21	14	15	16	13
316	–	>99	>99	>99	87	94	95	84	71	69	47	29	48	34	16	33	21	14	16	16	13
317	–	>99	>99	>99	87	95	95	84	71	69	47	30	48	34	16	33	21	14	16	16	13
318	–	>99	>99	>99	87	95	95	84	71	69	48	30	48	34	16	33	22	14	16	16	13
319	–	>99	>99	>99	88	95	95	85	72	70	48	30	49	35	16	34	22	14	16	17	13
320	–	>99	>99	>99	88	95	95	85	72	70	48	30	49	35	17	34	22	14	16	17	13
321	–	>99	>99	>99	88	95	96	85	73	70	49	31	49	35	17	34	23	15	17	17	13
322	–	>99	>99	>99	88	95	96	86	73	71	49	31	50	36	17	35	23	15	17	17	14
323	–	>99	>99	>99	88	96	96	86	74	71	49	31	50	36	17	35	23	15	17	17	14
324	–	>99	>99	>99	88	96	96	86	74	71	50	31	50	36	17	35	24	15	17	18	14
325	–	>99	>99	>99	88	96	96	86	74	72	50	32	51	37	17	36	24	15	18	18	14
326	–	>99	>99	>99	89	96	96	87	75	72	51	32	51	37	18	36	24	15	18	18	14

RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
327	-	>99	>99	>99	89	96	96	87	75	72	51	32	51	37	18	36	24	16	18	18	14
328	-	>99	>99	>99	89	96	97	87	76	73	51	33	52	38	18	37	25	16	18	18	15
329	-	>99	>99	>99	89	96	97	87	76	73	52	33	52	38	18	37	25	16	18	19	15
330	-	>99	>99	>99	89	97	97	88	76	73	52	33	52	38	18	37	25	16	19	19	15
331	-	>99	>99	>99	89	97	97	88	77	74	52	33	53	39	19	38	26	16	19	19	15
332	-	>99	>99	>99	89	97	97	88	77	74	53	34	53	39	19	38	26	16	19	19	15
333	-	>99	>99	>99	90	97	97	88	78	74	53	34	53	39	19	38	26	17	19	19	15
334	-	>99	>99	>99	90	97	97	89	78	75	54	34	54	40	19	39	27	17	20	20	16
335	-	>99	-	-	90	97	97	89	78	75	54	35	54	40	19	39	27	17	20	20	16
336	-	>99	-	-	90	97	97	89	79	75	54	35	54	40	20	39	27	17	20	20	16
337	-	>99	-	-	90	97	98	89	79	76	55	35	55	41	20	40	28	17	20	20	16
338	-	>99	-	-	90	97	98	90	79	76	55	36	55	41	20	40	28	18	21	21	16
339	-	>99	-	-	90	98	98	90	80	76	55	36	56	42	20	40	29	18	21	21	17
340	-	>99	-	-	90	98	98	90	80	76	56	36	56	42	21	41	29	18	21	21	17
341	-	>99	-	-	91	98	98	90	80	77	56	36	56	42	21	41	29	18	22	21	17
342	-	>99	-	-	91	98	98	91	81	77	56	37	57	43	21	41	30	19	22	22	17
343	-	>99	-	-	91	98	98	91	81	77	57	37	57	43	21	42	30	19	22	22	17
344	-	>99	-	-	91	98	98	91	81	78	57	37	57	43	22	42	30	19	22	22	18
345	-	>99	-	-	91	98	98	91	82	78	58	38	58	44	22	42	31	19	23	22	18
346	-	>99	-	-	91	98	98	91	82	78	58	38	58	44	22	43	31	19	23	22	18
347	-	>99	-	-	91	98	98	92	82	78	58	38	58	44	22	43	31	20	23	23	18
348	-	>99	-	-	91	98	98	92	83	79	59	39	59	45	23	43	32	20	24	23	18
349	-	>99	-	-	92	99	99	92	83	79	59	39	59	45	23	44	32	20	24	23	19
350	-	>99	-	-	92	99	99	92	83	79	59	39	59	46	23	44	33	20	24	23	19
351	-	>99	-	-	92	99	99	92	84	80	60	40	60	46	23	44	33	21	25	24	19
352	-	>99	-	-	92	99	99	92	84	80	60	40	60	46	24	45	33	21	25	24	19
353	-	>99	-	-	92	99	99	93	84	80	61	40	60	47	24	45	34	21	25	24	19
354	-	>99	-	-	92	99	99	93	85	80	61	41	61	47	24	45	34	21	25	24	20
355	-	>99	-	-	92	99	99	93	85	81	61	41	61	47	24	46	34	21	26	25	20
356	-	>99	-	-	93	99	99	93	85	81	62	41	61	48	25	46	35	22	26	25	20
357	-	>99	-	-	93	99	99	93	86	81	62	42	62	48	25	46	35	22	26	25	20
358	-	>99	-	-	93	99	99	93	86	81	62	42	62	49	25	47	36	22	27	25	21
359	-	>99	-	-	93	99	99	94	86	82	63	42	62	49	26	47	36	22	27	26	21
360	-	>99	-	-	93	99	99	94	86	82	63	43	63	49	26	47	36	23	27	26	21
361	-	>99	-	-	93	99	99	94	87	82	63	43	63	50	26	48	37	23	28	26	21
362	-	>99	-	-	93	99	99	94	87	82	64	43	63	50	26	48	37	23	28	27	21
363	-	>99	-	-	93	99	99	94	87	82	64	44	64	50	27	48	38	23	28	27	22
364	-	>99	-	-	94	99	99	94	87	83	64	44	64	51	27	49	38	24	29	27	22
365	-	>99	-	-	94	99	99	94	88	83	65	44	64	51	27	49	38	24	29	27	22
366	-	>99	-	-	94	>99	99	95	88	83	65	45	65	52	28	49	39	24	29	28	22
367	-	>99	-	-	94	>99	99	95	88	83	65	45	65	52	28	50	39	24	30	28	23
368	-	>99	-	-	94	>99	99	95	88	84	66	45	65	52	28	50	40	25	30	28	23
369	-	>99	-	-	94	>99	99	95	89	84	66	46	66	53	29	51	40	25	31	28	23
370	-	>99	-	-	94	>99	99	95	89	84	66	46	66	53	29	51	40	25	31	29	23
371	-	>99	-	-	94	>99	>99	95	89	84	67	46	66	53	29	51	41	26	31	29	24
372	-	>99	-	-	94	>99	>99	95	89	85	67	47	67	54	30	52	41	26	32	29	24
373	-	>99	-	-	95	>99	>99	95	90	85	67	47	67	54	30	52	42	26	32	30	24

RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
374	-	>99	-	-	95	>99	>99	96	90	85	68	47	67	55	30	52	42	26	32	30	24
375	-	>99	-	-	95	>99	>99	96	90	85	68	48	68	55	31	53	42	27	33	30	25
376	-	>99	-	-	95	>99	>99	96	90	85	68	48	68	55	31	53	43	27	33	31	25
377	-	>99	-	-	95	>99	>99	96	90	86	69	48	68	56	31	53	43	27	33	31	25
378	-	>99	-	-	95	>99	>99	96	91	86	69	49	69	56	32	54	44	28	34	31	25
379	-	>99	-	-	95	>99	>99	96	91	86	69	49	69	56	32	54	44	28	34	31	26
380	-	>99	-	-	95	>99	>99	96	91	86	70	49	69	57	32	54	45	28	34	32	26
381	-	>99	-	-	96	>99	>99	96	91	86	70	50	70	57	33	55	45	28	35	32	26
382	-	>99	-	-	96	>99	>99	96	92	87	70	50	70	58	33	55	45	29	35	32	27
383	-	>99	-	-	96	>99	>99	96	92	87	71	51	70	58	33	55	46	29	36	33	27
384	-	>99	-	-	96	>99	>99	97	92	87	71	51	71	58	34	56	46	29	36	33	27
385	-	>99	-	-	96	>99	>99	97	92	87	71	51	71	59	34	56	47	30	36	33	27
386	-	>99	-	-	96	>99	>99	97	92	87	72	52	71	59	34	56	47	30	37	34	28
387	-	>99	-	-	96	>99	>99	97	92	88	72	52	72	59	35	57	47	30	37	34	28
388	-	>99	-	-	96	>99	>99	97	93	88	72	52	72	60	35	57	48	30	37	34	28
389	-	>99	-	-	96	>99	>99	97	93	88	73	53	72	60	35	57	48	31	38	35	29
390	-	>99	-	-	97	>99	>99	97	93	88	73	53	72	61	36	58	49	31	38	35	29
391	-	>99	-	-	97	>99	>99	97	93	88	73	53	73	61	36	58	49	31	39	35	29
392	-	>99	-	-	97	>99	>99	97	93	88	74	54	73	61	37	58	50	32	39	36	29
393	-	>99	-	-	97	>99	>99	97	93	89	74	54	73	62	37	59	50	32	39	36	30
394	-	>99	-	-	97	>99	>99	97	94	89	74	54	74	62	37	59	50	32	40	36	30
395	-	-	-	-	97	>99	>99	97	94	89	74	55	74	62	38	59	51	33	40	37	30
396	-	-	-	-	97	>99	>99	97	94	89	75	55	74	63	38	60	51	33	41	37	31
397	-	-	-	-	97	>99	>99	98	94	89	75	56	75	63	38	60	52	33	41	37	31
398	-	-	-	-	97	>99	>99	98	94	89	75	56	75	63	39	60	52	34	41	37	31
399	-	-	-	-	97	>99	>99	98	94	90	76	56	75	64	39	61	52	34	42	38	32
400	-	-	-	-	98	>99	>99	98	94	90	76	57	75	64	39	61	53	34	42	38	32
401	-	-	-	-	98	>99	>99	98	95	90	76	57	76	65	40	61	53	35	43	38	32
402	-	-	-	-	98	>99	>99	98	95	90	76	57	76	65	40	62	54	35	43	39	32
403	-	-	-	-	98	>99	>99	98	95	90	77	58	76	65	41	62	54	35	43	39	33
404	-	-	-	-	98	>99	>99	98	95	90	77	58	77	66	41	62	54	36	44	39	33
405	-	-	-	-	98	>99	>99	98	95	91	77	58	77	66	41	63	55	36	44	40	33
406	-	-	-	-	98	>99	>99	98	95	91	77	59	77	66	42	63	55	36	45	40	34
407	-	-	-	-	98	>99	>99	98	95	91	78	59	77	67	42	63	55	37	45	40	34
408	-	-	-	-	98	>99	>99	98	95	91	78	59	78	67	43	64	56	37	46	41	34
409	-	-	-	-	98	>99	>99	98	96	91	78	60	78	67	43	64	56	37	46	41	35
410	-	-	-	-	98	>99	>99	98	96	91	79	60	78	68	43	64	57	38	46	41	35
411	-	-	-	-	98	>99	>99	98	96	91	79	60	79	68	44	65	57	38	47	42	35
412	-	-	-	-	98	>99	>99	98	96	92	79	61	79	68	44	65	57	38	47	42	36
413	-	-	-	-	98	>99	>99	98	96	92	79	61	79	69	45	65	58	39	47	42	36
414	-	-	-	-	99	>99	>99	98	96	92	80	61	79	69	45	66	58	39	48	43	36
415	-	-	-	-	99	>99	>99	99	96	92	80	62	80	69	45	66	59	39	48	43	37
416	-	-	-	-	99	>99	>99	99	96	92	80	62	80	70	46	66	59	40	49	43	37
417	-	-	-	-	99	>99	>99	99	96	92	80	62	80	70	46	66	59	40	49	44	37
418	-	-	-	-	99	>99	>99	99	96	92	81	63	80	70	47	67	60	40	50	44	38
419	-	-	-	-	99	>99	>99	99	97	92	81	63	81	71	47	67	60	41	50	44	38
420	-	-	-	-	99	>99	>99	99	97	93	81	63	81	71	47	67	60	41	50	45	38

RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
421	-	-	-	-	99	>99	>99	99	97	93	81	64	81	71	48	68	61	41	51	45	39
422	-	-	-	-	99	>99	>99	99	97	93	81	64	81	72	48	68	61	42	51	45	39
423	-	-	-	-	99	>99	>99	99	97	93	82	64	82	72	49	68	62	42	52	46	39
424	-	-	-	-	99	>99	>99	99	97	93	82	65	82	72	49	69	62	42	52	46	40
425	-	-	-	-	99	>99	>99	99	97	93	82	65	82	73	49	69	62	43	52	47	40
426	-	-	-	-	99	>99	>99	99	97	93	82	65	82	73	50	69	63	43	53	47	40
427	-	-	-	-	99	>99	>99	99	97	93	83	66	82	73	50	70	63	43	53	47	41
428	-	-	-	-	99	>99	>99	99	97	94	83	66	83	74	50	70	63	44	54	48	41
429	-	-	-	-	99	>99	>99	99	97	94	83	66	83	74	51	70	64	44	54	48	41
430	-	-	-	-	99	>99	>99	99	97	94	83	67	83	74	51	70	64	45	54	48	42
431	-	-	-	-	99	>99	>99	99	98	94	83	67	83	75	52	71	64	45	55	49	42
432	-	-	-	-	99	>99	>99	99	98	94	84	67	84	75	52	71	65	45	55	49	42
433	-	-	-	-	99	>99	>99	99	98	94	84	68	84	75	52	71	65	46	56	49	43
434	-	-	-	-	99	>99	>99	99	98	94	84	68	84	76	53	72	65	46	56	50	43
435	-	-	-	-	99	>99	>99	99	98	94	84	68	84	76	53	72	66	46	57	50	44
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441	-	-	-	-	>99	>99	>99	99	98	95	86	70	85	78	56	74	68	48	59	52	46
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445	-	-	-	-	>99	>99	>99	99	98	95	86	71	86	79	57	75	69	50	61	53	47
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465	-	-	-	-	>99	-	>99	>99	99	97	90	77	90	84	64	80	75	57	68	60	55
466	-	-	-	-	>99	-	>99	>99	99	97	90	78	90	84	65	80	75	57	69	61	55
467	-	-	-	-	>99	-	>99	>99	99	97	90	78	90	84	65	80	76	58	69	61	55

RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
468	-	-	-	-	>99	-	>99	>99	99	97	90	78	90	84	66	80	76	58	69	61	56
469	-	-	-	-	>99	-	>99	>99	99	97	90	78	90	85	66	81	76	58	70	62	56
470	-	-	-	-	>99	-	>99	>99	99	97	91	79	90	85	66	81	77	59	70	62	56
471	-	-	-	-	>99	-	>99	>99	99	97	91	79	91	85	67	81	77	59	70	62	57
472	-	-	-	-	>99	-	>99	>99	99	97	91	79	91	85	67	81	77	59	71	63	57
473	-	-	-	-	>99	-	>99	>99	99	97	91	79	91	86	67	81	77	60	71	63	58
474	-	-	-	-	>99	-	>99	>99	99	97	91	80	91	86	68	82	78	60	71	63	58
475	-	-	-	-	>99	-	>99	>99	99	97	91	80	91	86	68	82	78	61	72	64	58
476	-	-	-	-	>99	-	>99	>99	99	97	91	80	91	86	68	82	78	61	72	64	59
477	-	-	-	-	>99	-	>99	>99	99	98	92	81	91	86	69	82	78	61	73	64	59
478	-	-	-	-	>99	-	>99	>99	>99	98	92	81	92	87	69	83	79	62	73	64	59
479	-	-	-	-	>99	-	>99	>99	>99	98	92	81	92	87	69	83	79	62	73	65	60
480	-	-	-	-	>99	-	>99	>99	>99	98	92	81	92	87	70	83	79	62	74	65	60
481	-	-	-	-	>99	-	-	>99	>99	98	92	81	92	87	70	83	79	63	74	65	60
482	-	-	-	-	>99	-	-	>99	>99	98	92	82	92	87	70	83	80	63	74	66	61
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494	-	-	-	-	>99	-	-	>99	>99	98	94	85	94	90	74	86	83	67	78	69	65
495	-	-	-	-	>99	-	-	>99	>99	98	94	85	94	90	74	86	83	67	78	70	65
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497	-	-	-	-	>99	-	-	>99	>99	98	94	85	94	90	75	86	83	68	79	70	66
498	-	-	-	-	>99	-	-	>99	>99	98	94	85	94	90	75	87	83	68	79	71	66
499	-	-	-	-	>99	-	-	>99	>99	98	94	86	94	90	76	87	84	69	79	71	67
500	-	-	-	-	>99	-	-	>99	>99	98	94	86	94	91	76	87	84	69	80	71	67
501	-	-	-	-	>99	-	-	>99	>99	99	94	86	94	91	76	87	84	69	80	71	67
502	-	-	-	-	>99	-	-	>99	>99	99	95	86	94	91	77	87	84	69	80	72	68
503	-	-	-	-	>99	-	-	>99	>99	99	95	86	94	91	77	87	85	70	80	72	68
504	-	-	-	-	>99	-	-	>99	>99	99	95	87	95	91	77	88	85	70	81	72	68
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506	-	-	-	-	>99	-	-	>99	>99	99	95	87	95	91	78	88	85	71	81	73	69
507	-	-	-	-	>99	-	-	>99	>99	99	95	87	95	92	78	88	85	71	82	73	69
508	-	-	-	-	>99	-	-	>99	>99	99	95	87	95	92	78	88	86	71	82	73	70
509	-	-	-	-	>99	-	-	>99	>99	99	95	88	95	92	78	89	86	72	82	74	70
510	-	-	-	-	>99	-	-	>99	>99	99	95	88	95	92	79	89	86	72	82	74	70
511	-	-	-	-	>99	-	-	>99	>99	99	95	88	95	92	79	89	86	72	83	74	71
512	-	-	-	-	>99	-	-	>99	>99	99	95	88	95	92	79	89	86	73	83	75	71
513	-	-	-	-	>99	-	-	>99	>99	99	96	88	95	92	80	89	87	73	83	75	71
514	-	-	-	-	>99	-	-	>99	>99	99	96	89	95	93	80	89	87	73	83	75	72



RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
515	-	-	-	-	>99	-	-	>99	>99	99	96	89	96	93	80	89	87	73	84	75	72
516	-	-	-	-	>99	-	-	>99	>99	99	96	89	96	93	80	90	87	74	84	76	72
517	-	-	-	-	>99	-	-	>99	>99	99	96	89	96	93	81	90	87	74	84	76	72
518	-	-	-	-	>99	-	-	>99	>99	99	96	89	96	93	81	90	87	74	84	76	73
519	-	-	-	-	>99	-	-	>99	>99	99	96	89	96	93	81	90	88	75	85	76	73
520	-	-	-	-	>99	-	-	>99	>99	99	96	90	96	93	81	90	88	75	85	77	73
521	-	-	-	-	>99	-	-	>99	>99	99	96	90	96	93	82	90	88	75	85	77	74
522	-	-	-	-	>99	-	-	>99	>99	99	96	90	96	94	82	91	88	75	85	77	74
523	-	-	-	-	>99	-	-	>99	>99	99	96	90	96	94	82	91	88	76	86	77	74
524	-	-	-	-	>99	-	-	>99	>99	99	96	90	96	94	82	91	89	76	86	78	75
525	-	-	-	-	>99	-	-	>99	>99	99	96	90	96	94	83	91	89	76	86	78	75
526	-	-	-	-	>99	-	-	>99	>99	99	97	91	96	94	83	91	89	76	86	78	75
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542	-	-	-	-	-	-	-	>99	>99	99	98	93	97	96	86	93	91	81	89	82	80
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544	-	-	-	-	-	-	-	>99	>99	>99	98	93	97	96	87	93	92	81	90	82	80
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546	-	-	-	-	-	-	-	>99	>99	>99	98	93	98	96	87	93	92	82	90	83	81
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555	-	-	-	-	-	-	-	>99	>99	>99	98	94	98	97	89	94	93	83	92	85	83
556	-	-	-	-	-	-	-	>99	>99	>99	98	94	98	97	89	94	93	84	92	85	83
557	-	-	-	-	-	-	-	>99	>99	>99	98	95	98	97	89	95	93	84	92	85	83
558	-	-	-	-	-	-	-	>99	>99	>99	98	95	98	97	89	95	94	84	92	85	84
559	-	-	-	-	-	-	-	>99	>99	>99	98	95	98	97	90	95	94	84	92	86	84
560	-	-	-	-	-	-	-	>99	>99	>99	98	95	98	97	90	95	94	85	92	86	84
561	-	-	-	-	-	-	-	>99	>99	>99	98	95	98	97	90	95	94	85	92	86	84

RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
562	-	-	-	-	-	-	-	>99	>99	>99	98	95	98	97	90	95	94	85	93	86	84
563	-	-	-	-	-	-	-	>99	>99	>99	98	95	98	97	90	95	94	85	93	86	85
564	-	-	-	-	-	-	-	>99	>99	>99	99	95	98	97	90	95	94	85	93	86	85
565	-	-	-	-	-	-	-	>99	>99	>99	99	95	98	97	91	95	94	86	93	87	85
566	-	-	-	-	-	-	-	>99	>99	>99	99	95	98	97	91	95	94	86	93	87	85
567	-	-	-	-	-	-	-	>99	>99	>99	99	96	98	97	91	95	95	86	93	87	86
568	-	-	-	-	-	-	-	>99	>99	>99	99	96	98	97	91	96	95	86	93	87	86
569	-	-	-	-	-	-	-	>99	>99	>99	99	96	99	97	91	96	95	86	93	87	86
570	-	-	-	-	-	-	-	>99	>99	>99	99	96	99	98	91	96	95	86	94	88	86
571	-	-	-	-	-	-	-	>99	>99	>99	99	96	99	98	91	96	95	87	94	88	86
572	-	-	-	-	-	-	-	>99	>99	>99	99	96	99	98	92	96	95	87	94	88	87
573	-	-	-	-	-	-	-	>99	>99	>99	99	96	99	98	92	96	95	87	94	88	87
574	-	-	-	-	-	-	-	>99	>99	>99	99	96	99	98	92	96	95	87	94	88	87
575	-	-	-	-	-	-	-	>99	>99	>99	99	96	99	98	92	96	95	87	94	88	87
576	-	-	-	-	-	-	-	>99	>99	>99	99	96	99	98	92	96	95	88	94	89	87
577	-	-	-	-	-	-	-	>99	>99	>99	99	96	99	98	92	96	95	88	94	89	88
578	-	-	-	-	-	-	-	>99	>99	>99	99	96	99	98	92	96	96	88	94	89	88
579	-	-	-	-	-	-	-	>99	>99	>99	99	97	99	98	93	96	96	88	95	89	88
580	-	-	-	-	-	-	-	>99	>99	>99	99	97	99	98	93	96	96	88	95	89	88
581	-	-	-	-	-	-	-	>99	>99	>99	99	97	99	98	93	96	96	88	95	89	88
582	-	-	-	-	-	-	-	>99	>99	>99	99	97	99	98	93	97	96	89	95	90	88
583	-	-	-	-	-	-	-	>99	>99	>99	99	97	99	98	93	97	96	89	95	90	89
584	-	-	-	-	-	-	-	-	-	>99	99	97	99	98	93	97	96	89	95	90	89
585	-	-	-	-	-	-	-	-	-	>99	99	97	99	98	93	97	96	89	95	90	89
586	-	-	-	-	-	-	-	-	-	>99	99	97	99	98	94	97	96	89	95	90	89
587	-	-	-	-	-	-	-	-	-	>99	99	97	99	98	94	97	96	89	95	90	89
588	-	-	-	-	-	-	-	-	-	>99	99	97	99	98	94	97	96	90	96	90	89
589	-	-	-	-	-	-	-	-	-	>99	99	97	99	98	94	97	96	90	96	91	90
590	-	-	-	-	-	-	-	-	-	>99	99	97	99	98	94	97	97	90	96	91	90
591	-	-	-	-	-	-	-	-	-	>99	99	97	99	98	94	97	97	90	96	91	90
592	-	-	-	-	-	-	-	-	-	>99	99	97	99	98	94	97	97	90	96	91	90
593	-	-	-	-	-	-	-	-	-	>99	99	97	99	99	94	97	97	90	96	91	90
594	-	-	-	-	-	-	-	-	-	>99	99	98	99	99	94	97	97	90	96	91	90
595	-	-	-	-	-	-	-	-	-	>99	99	98	99	99	95	97	97	91	96	91	91
596	-	-	-	-	-	-	-	-	-	>99	99	98	99	99	95	97	97	91	96	92	91
597	-	-	-	-	-	-	-	-	-	>99	99	98	99	99	95	97	97	91	96	92	91
598	-	-	-	-	-	-	-	-	-	>99	99	98	99	99	95	97	97	91	96	92	91
599	-	-	-	-	-	-	-	-	-	>99	99	98	99	99	95	97	97	91	96	92	91
600	-	-	-	-	-	-	-	-	-	>99	99	98	99	99	95	98	97	91	96	92	91
601	-	-	-	-	-	-	-	-	-	>99	99	98	99	99	95	98	97	91	97	92	92
602	-	-	-	-	-	-	-	-	-	>99	99	98	99	99	95	98	97	92	97	92	92
603	-	-	-	-	-	-	-	-	-	>99	99	98	99	99	95	98	97	92	97	92	92
604	-	-	-	-	-	-	-	-	-	>99	99	98	99	99	95	98	98	92	97	93	92
605	-	-	-	-	-	-	-	-	-	>99	>99	98	99	99	96	98	98	92	97	93	92
606	-	-	-	-	-	-	-	-	-	>99	>99	98	99	99	96	98	98	92	97	93	92
607	-	-	-	-	-	-	-	-	-	>99	>99	98	99	99	96	98	98	92	97	93	92
608	-	-	-	-	-	-	-	-	-	>99	>99	98	99	99	96	98	98	92	97	93	92

RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
609	-	-	-	-	-	-	-	-	-	>99	>99	98	99	99	96	98	98	92	97	93	93
610	-	-	-	-	-	-	-	-	-	>99	>99	98	99	99	96	98	98	93	97	93	93
611	-	-	-	-	-	-	-	-	-	>99	>99	98	99	99	96	98	98	93	97	93	93
612	-	-	-	-	-	-	-	-	-	>99	>99	98	99	99	96	98	98	93	97	94	93
613	-	-	-	-	-	-	-	-	-	>99	>99	98	99	99	96	98	98	93	97	94	93
614	-	-	-	-	-	-	-	-	-	>99	>99	98	>99	99	96	98	98	93	97	94	93
615	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	96	98	98	93	97	94	93
616	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	96	98	98	93	98	94	93
617	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	98	98	93	98	94	94
618	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	98	98	93	98	94	94
619	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	98	98	94	98	94	94
620	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	98	98	94	98	94	94
621	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	98	98	94	98	95	94
622	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	98	98	94	98	95	94
623	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	98	98	94	98	95	94
624	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	98	98	94	98	95	94
625	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	99	99	94	98	95	94
626	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	99	99	94	98	95	95
627	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	99	99	94	98	95	95
628	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	99	99	95	98	95	95
629	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	99	99	95	98	95	95
630	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	97	99	99	95	98	95	95
631	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	98	99	99	95	98	95	95
632	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	98	99	99	95	98	96	95
633	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	98	99	99	95	98	96	95
634	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	98	99	99	95	98	96	95
635	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	99	98	99	99	95	98	96	95
636	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	95	98	96	96
637	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	95	99	96	96
638	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	95	99	96	96
639	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	96	99	96	96
640	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	96	99	96	96
641	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	96	99	96	96
642	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	96	99	96	96
643	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	96	99	96	96
644	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	96	99	96	96
645	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	96	99	96	96
646	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	96	99	97	96
647	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	96	99	97	96
648	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	96	99	97	97
649	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	98	99	99	96	99	97	97
650	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	99	99	99	96	99	97	97
651	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	99	99	99	96	99	97	97
652	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	99	99	99	97	99	97	97
653	-	-	-	-	-	-	-	-	-	>99	>99	99	>99	>99	99	99	99	97	99	97	97
654	-	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	99	99	99	97	99	97	97
655	-	-	-	-	-	-	-	-	-	>99	>99	>99	>99	>99	99	99	99	97	99	97	97















RCS	Kindergarten			First Grade			Second Grade			Third Grade			Fourth Grade			Fifth Grade			Sixth Grade		
	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
938	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>99	>99	>99
939	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>99	>99	>99
940	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>99	>99	>99
941	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>99	>99	>99
942	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>99	>99	>99
943	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>99	>99	>99
944	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>99	>99	>99

*Note.* Sample sizes by grade: 605,986 for kindergarten; 604,482 for first grade; 572,735 for second grade; 463,171 for third grade; 240,839 for fourth grade; 213,944 for fifth grade; 63,930 for sixth grade. Data exported from Acadience Data Management. RCS = Reading Composite Score. B = Beginning of Year. M = Middle of Year. E = End of Year. Dashes indicate the maximum score possible is below the given percentile rank.