

Overview of 2022 user norms for MAP Reading Fluency Foundational Skills domains

In 2018, NWEA® released MAP® Reading Fluency™. The purpose of MAP Reading Fluency assessments is to help districts, schools, and teachers better understand how students are performing in early reading development.

To provide additional context and better support interpretation of student scores, NWEA accumulated test data that helped develop user norms for the foundational skills domains within the MAP Reading Fluency assessment.

Although these are user norms and not national norms, they provide basic contextual information about student performance in the fall, winter, and spring, and growth between various term pairs including fall to winter, fall to spring, and winter to spring on the MAP Reading Fluency Foundational Skills assessments.

Differences between user norms and national norms

The major difference is that user norms are drawn from a limited pool of test events. They are not nationally representative norms. Nationally representative norms can be calculated when:

- The number of test events is very large.
- The data set includes responses from all or most US states.
- The data set includes a distribution across urban, rural, and suburban districts and schools.
- The data set includes large and small districts and schools.
- The data set includes diverse demographic groups such as socioeconomic, ethnicity, and gender.

Such nationally representative norms permit comparisons of individual or group performance to students across the nation.

In the case of MAP Reading Fluency Foundational Skills domains, student performance is compared to other students in the same grade who took the assessments. The volumes and representation across the previously mentioned types of districts, schools, and test takers are not robust enough to support nationally representative norms.

The table below shows the highlights of the MAP Reading Fluency Foundational Skills domain user norms.

MAP Reading Fluency Foundational Skills domain user norms	
Within-year growth norms	Fall to winter Winter to spring Fall to spring
Between-year growth norms	N/A
Achievement norms	Fall, winter, and spring norms that are specific to a student's grade for K-3
Instructional weeks	Not adjusted for instructional weeks as configured by each partner
School norms	N/A

For the 2022-23 school year, only achievement status user norms will be included in the MAP Reading Fluency Screener Outcomes report and in the data export file.

Growth user norms data, in addition to the achievement status user norms, are available for partners to reference in the following tables.

How to read the Achievement and Growth tables

To find the achievement percentile for a student for a specific term:

1. Find the appropriate foundational skills domain and grade table.
2. Find the appropriate Term column in the table (Fall, Winter, or Spring).
3. Find the student’s scaled domain score in that column.
4. Look at the leftmost column in that row, which shows the percentile.

To find the growth projection for a given term pair for a student:

1. Find the appropriate foundational skills domain and grade table.
2. Find the student’s beginning scaled domain score in the appropriate Term column.
3. Find the number in the column labeled Mean for the term pair selected. This is the mean growth for that term pair for students in the user base whose beginning score was the same as your student’s. The beginning scaled domain score plus the value in the Mean column is the student’s growth projection for that term pairing. It shows the average amount of growth attained for a student who had a particular beginning scaled domain score.
4. Note the standard deviation for the gain provided in the rightmost column of the term pair; it helps you understand the degree to which the gains of the user base were spread out around the mean. To compute growth that is one standard deviation above the growth projection (i.e., average), add the beginning scaled domain score, Mean gain score, and SD value. To compute growth that is one standard deviation below average, add the beginning scaled domain score to the Mean gain score, but subtract the SD value.

EXAMPLE

If a fall score for your first-grade student is 489 (10th percentile), the fall-spring growth projection is 8.8, which would be added to the 489 for the projected score (therefore, 498). With a standard deviation of 5.5, the range of projected scores would be 492 to 504.

Phonological Awareness Domain Achievement and Growth—Grade 1

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	482	485	487	11.1	5.5	8.2	5.0	5.8	4.6
2	484	487	489	10.4	5.5	7.6	5.0	5.3	4.6
3	485	489	490	10.1	5.5	7.4	5.0	4.9	4.6
4	486	490	491	9.8	5.5	7.1	5.0	4.7	4.6
5	487	490	492	9.5	5.5	6.9	5.0	4.7	4.6
6	487	491	493	9.5	5.5	6.9	5.0	4.4	4.6
7	488	492	493	9.1	5.5	6.6	5.0	4.2	4.6
8	488	492	494	9.1	5.5	6.6	5.0	4.2	4.6
9	489	493	494	8.8	5.5	6.3	5.0	4.0	4.6
10	489	493	495	8.8	5.5	6.3	5.0	4.0	4.6
11	490	493	495	8.5	5.5	6.1	5.0	4.0	4.6
12	490	494	496	8.5	5.5	6.1	5.0	3.8	4.6

Fall score

Mean growth from fall to spring for first-grade students who score 489 in the fall

See the complete achievement and growth tables on pages 3 to 38.

Phonological Awareness Domain Achievement and Growth—Grade K

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	473	476	479	14.9	6.7	9.8	6.0	8.0	5.3
2	474	478	482	14.6	6.7	9.5	6.0	7.5	5.3
3	476	480	483	13.9	6.7	9.0	6.0	7.1	5.3
4	477	481	484	13.6	6.7	8.7	6.0	6.9	5.3
5	477	481	485	13.6	6.7	8.7	6.0	6.9	5.3
6	478	482	486	13.3	6.7	8.5	6.0	6.7	5.3
7	478	483	486	13.3	6.7	8.5	6.0	6.5	5.3
8	479	483	487	13.0	6.7	8.2	6.0	6.5	5.3
9	479	484	487	13.0	6.7	8.2	6.0	6.3	5.3
10	480	484	488	12.7	6.7	8.0	6.0	6.3	5.3
11	480	485	488	12.7	6.7	8.0	6.0	6.1	5.3
12	480	485	489	12.7	6.7	8.0	6.0	6.1	5.3
13	481	485	489	12.3	6.7	7.7	6.0	6.1	5.3
14	481	486	490	12.3	6.7	7.7	6.0	5.9	5.3
15	481	486	490	12.3	6.7	7.7	6.0	5.9	5.3
16	482	486	490	12.0	6.7	7.5	6.0	5.9	5.3
17	482	487	491	12.0	6.7	7.5	6.0	5.7	5.3
18	482	487	491	12.0	6.7	7.5	6.0	5.7	5.3
19	482	487	491	12.0	6.7	7.5	6.0	5.7	5.3
20	483	488	492	11.7	6.7	7.2	6.0	5.5	5.3
21	483	488	492	11.7	6.7	7.2	6.0	5.5	5.3
22	483	488	492	11.7	6.7	7.2	6.0	5.5	5.3
23	483	488	492	11.7	6.7	7.2	6.0	5.5	5.3
24	484	489	493	11.4	6.7	7.0	6.0	5.3	5.3
25	484	489	493	11.4	6.7	7.0	6.0	5.3	5.3
26	484	489	493	11.4	6.7	7.0	6.0	5.3	5.3
27	484	489	493	11.4	6.7	7.0	6.0	5.3	5.3
28	484	490	494	11.4	6.7	7.0	6.0	5.0	5.3
29	485	490	494	11.1	6.7	6.7	6.0	5.0	5.3
30	485	490	494	11.1	6.7	6.7	6.0	5.0	5.3
31	485	490	494	11.1	6.7	6.7	6.0	5.0	5.3
32	485	491	495	11.1	6.7	6.7	6.0	4.8	5.3
33	485	491	495	11.1	6.7	6.7	6.0	4.8	5.3
34	486	491	495	10.7	6.7	6.4	6.0	4.8	5.3
35	486	491	495	10.7	6.7	6.4	6.0	4.8	5.3
36	486	491	495	10.7	6.7	6.4	6.0	4.8	5.3
37	486	492	496	10.7	6.7	6.4	6.0	4.6	5.3
38	486	492	496	10.7	6.7	6.4	6.0	4.6	5.3
39	486	492	496	10.7	6.7	6.4	6.0	4.6	5.3
40	487	492	496	10.4	6.7	6.2	6.0	4.6	5.3
41	487	492	497	10.4	6.7	6.2	6.0	4.6	5.3
42	487	493	497	10.4	6.7	6.2	6.0	4.4	5.3
43	487	493	497	10.4	6.7	6.2	6.0	4.4	5.3

Phonological Awareness Domain Achievement and Growth—Grade K

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
44	487	493	497	10.4	6.7	6.2	6.0	4.4	5.3
45	488	493	497	10.1	6.7	5.9	6.0	4.4	5.3
46	488	493	498	10.1	6.7	5.9	6.0	4.4	5.3
47	488	494	498	10.1	6.7	5.9	6.0	4.2	5.3
48	488	494	498	10.1	6.7	5.9	6.0	4.2	5.3
49	488	494	498	10.1	6.7	5.9	6.0	4.2	5.3
50	488	494	498	10.1	6.7	5.9	6.0	4.2	5.3
51	489	494	499	9.8	6.7	5.7	6.0	4.2	5.3
52	489	495	499	9.8	6.7	5.7	6.0	4.0	5.3
53	489	495	499	9.8	6.7	5.7	6.0	4.0	5.3
54	489	495	499	9.8	6.7	5.7	6.0	4.0	5.3
55	489	495	499	9.8	6.7	5.7	6.0	4.0	5.3
56	489	495	500	9.8	6.7	5.7	6.0	4.0	5.3
57	490	496	500	9.5	6.7	5.4	6.0	3.8	5.3
58	490	496	500	9.5	6.7	5.4	6.0	3.8	5.3
59	490	496	500	9.5	6.7	5.4	6.0	3.8	5.3
60	490	496	500	9.5	6.7	5.4	6.0	3.8	5.3
61	490	496	501	9.5	6.7	5.4	6.0	3.8	5.3
62	490	497	501	9.5	6.7	5.4	6.0	3.6	5.3
63	491	497	501	9.2	6.7	5.2	6.0	3.6	5.3
64	491	497	501	9.2	6.7	5.2	6.0	3.6	5.3
65	491	497	502	9.2	6.7	5.2	6.0	3.6	5.3
66	491	497	502	9.2	6.7	5.2	6.0	3.6	5.3
67	491	498	502	9.2	6.7	5.2	6.0	3.4	5.3
68	492	498	502	8.8	6.7	4.9	6.0	3.4	5.3
69	492	498	502	8.8	6.7	4.9	6.0	3.4	5.3
70	492	498	503	8.8	6.7	4.9	6.0	3.4	5.3
71	492	499	503	8.8	6.7	4.9	6.0	3.2	5.3
72	492	499	503	8.8	6.7	4.9	6.0	3.2	5.3
73	493	499	503	8.5	6.7	4.6	6.0	3.2	5.3
74	493	499	504	8.5	6.7	4.6	6.0	3.2	5.3
75	493	499	504	8.5	6.7	4.6	6.0	3.2	5.3
76	493	500	504	8.5	6.7	4.6	6.0	3.0	5.3
77	493	500	504	8.5	6.7	4.6	6.0	3.0	5.3
78	494	500	505	8.2	6.7	4.4	6.0	3.0	5.3
79	494	501	505	8.2	6.7	4.4	6.0	2.7	5.3
80	494	501	505	8.2	6.7	4.4	6.0	2.7	5.3
81	494	501	506	8.2	6.7	4.4	6.0	2.7	5.3
82	495	501	506	7.9	6.7	4.1	6.0	2.7	5.3
83	495	502	506	7.9	6.7	4.1	6.0	2.5	5.3
84	495	502	507	7.9	6.7	4.1	6.0	2.5	5.3
85	495	502	507	7.9	6.7	4.1	6.0	2.5	5.3
86	496	503	507	7.6	6.7	3.9	6.0	2.3	5.3

Phonological Awareness Domain Achievement and Growth—Grade K

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
87	496	503	508	7.6	6.7	3.9	6.0	2.3	5.3
88	496	503	508	7.6	6.7	3.9	6.0	2.3	5.3
89	497	504	508	7.3	6.7	3.6	6.0	2.1	5.3
90	497	504	509	7.3	6.7	3.6	6.0	2.1	5.3
91	497	505	509	7.3	6.7	3.6	6.0	1.9	5.3
92	498	505	510	6.9	6.7	3.4	6.0	1.9	5.3
93	498	506	510	6.9	6.7	3.4	6.0	1.7	5.3
94	499	506	511	6.6	6.7	3.1	6.0	1.7	5.3
95	500	507	512	6.3	6.7	2.9	6.0	1.5	5.3
96	500	508	513	6.3	6.7	2.9	6.0	1.3	5.3
97	501	509	514	6.0	6.7	2.6	6.0	1.1	5.3
98	502	510	515	5.7	6.7	2.3	6.0	1.0	5.3
99	504	512	517	5.0	6.7	1.8	6.0	1.0	5.3

Phonological Awareness Domain Achievement and Growth—Grade 1

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	482	485	487	11.1	5.5	8.2	5.0	5.8	4.6
2	484	487	489	10.4	5.5	7.6	5.0	5.3	4.6
3	485	489	490	10.1	5.5	7.4	5.0	4.9	4.6
4	486	490	491	9.8	5.5	7.1	5.0	4.7	4.6
5	487	490	492	9.5	5.5	6.9	5.0	4.7	4.6
6	487	491	493	9.5	5.5	6.9	5.0	4.4	4.6
7	488	492	493	9.1	5.5	6.6	5.0	4.2	4.6
8	488	492	494	9.1	5.5	6.6	5.0	4.2	4.6
9	489	493	494	8.8	5.5	6.3	5.0	4.0	4.6
10	489	493	495	8.8	5.5	6.3	5.0	4.0	4.6
11	490	493	495	8.5	5.5	6.1	5.0	4.0	4.6
12	490	494	496	8.5	5.5	6.1	5.0	3.8	4.6
13	490	494	496	8.5	5.5	6.1	5.0	3.8	4.6
14	491	495	496	8.2	5.5	5.8	5.0	3.6	4.6
15	491	495	497	8.2	5.5	5.8	5.0	3.6	4.6
16	491	495	497	8.2	5.5	5.8	5.0	3.6	4.6
17	492	495	497	7.9	5.5	5.5	5.0	3.6	4.6
18	492	496	498	7.9	5.5	5.5	5.0	3.3	4.6
19	492	496	498	7.9	5.5	5.5	5.0	3.3	4.6
20	493	496	498	7.5	5.5	5.3	5.0	3.3	4.6
21	493	497	498	7.5	5.5	5.3	5.0	3.1	4.6
22	493	497	499	7.5	5.5	5.3	5.0	3.1	4.6
23	493	497	499	7.5	5.5	5.3	5.0	3.1	4.6
24	494	497	499	7.2	5.5	5.0	5.0	3.1	4.6
25	494	498	499	7.2	5.5	5.0	5.0	2.9	4.6
26	494	498	500	7.2	5.5	5.0	5.0	2.9	4.6
27	494	498	500	7.2	5.5	5.0	5.0	2.9	4.6
28	494	498	500	7.2	5.5	5.0	5.0	2.9	4.6
29	495	498	500	6.9	5.5	4.8	5.0	2.9	4.6
30	495	499	501	6.9	5.5	4.8	5.0	2.7	4.6
31	495	499	501	6.9	5.5	4.8	5.0	2.7	4.6
32	495	499	501	6.9	5.5	4.8	5.0	2.7	4.6
33	495	499	501	6.9	5.5	4.8	5.0	2.7	4.6
34	496	499	501	6.6	5.5	4.5	5.0	2.7	4.6
35	496	500	502	6.6	5.5	4.5	5.0	2.5	4.6
36	496	500	502	6.6	5.5	4.5	5.0	2.5	4.6
37	496	500	502	6.6	5.5	4.5	5.0	2.5	4.6
38	496	500	502	6.6	5.5	4.5	5.0	2.5	4.6
39	497	500	502	6.2	5.5	4.2	5.0	2.5	4.6
40	497	501	503	6.2	5.5	4.2	5.0	2.2	4.6
41	497	501	503	6.2	5.5	4.2	5.0	2.2	4.6
42	497	501	503	6.2	5.5	4.2	5.0	2.2	4.6
43	497	501	503	6.2	5.5	4.2	5.0	2.2	4.6

Phonological Awareness Domain Achievement and Growth—Grade 1

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
44	498	501	503	5.9	5.5	4.0	5.0	2.2	4.6
45	498	502	503	5.9	5.5	4.0	5.0	2.0	4.6
46	498	502	504	5.9	5.5	4.0	5.0	2.0	4.6
47	498	502	504	5.9	5.5	4.0	5.0	2.0	4.6
48	498	502	504	5.9	5.5	4.0	5.0	2.0	4.6
49	499	502	504	5.6	5.5	3.7	5.0	2.0	4.6
50	499	503	504	5.6	5.5	3.7	5.0	1.8	4.6
51	499	503	505	5.6	5.5	3.7	5.0	1.8	4.6
52	499	503	505	5.6	5.5	3.7	5.0	1.8	4.6
53	499	503	505	5.6	5.5	3.7	5.0	1.8	4.6
54	499	503	505	5.6	5.5	3.7	5.0	1.8	4.6
55	500	503	505	5.3	5.5	3.4	5.0	1.8	4.6
56	500	504	506	5.3	5.5	3.4	5.0	1.6	4.6
57	500	504	506	5.3	5.5	3.4	5.0	1.6	4.6
58	500	504	506	5.3	5.5	3.4	5.0	1.6	4.6
59	500	504	506	5.3	5.5	3.4	5.0	1.6	4.6
60	501	504	506	4.9	5.5	3.2	5.0	1.6	4.6
61	501	505	506	4.9	5.5	3.2	5.0	1.4	4.6
62	501	505	507	4.9	5.5	3.2	5.0	1.4	4.6
63	501	505	507	4.9	5.5	3.2	5.0	1.4	4.6
64	501	505	507	4.9	5.5	3.2	5.0	1.4	4.6
65	502	505	507	4.6	5.5	2.9	5.0	1.4	4.6
66	502	506	507	4.6	5.5	2.9	5.0	1.1	4.6
67	502	506	508	4.6	5.5	2.9	5.0	1.1	4.6
68	502	506	508	4.6	5.5	2.9	5.0	1.1	4.6
69	502	506	508	4.6	5.5	2.9	5.0	1.1	4.6
70	503	506	508	4.3	5.5	2.6	5.0	1.1	4.6
71	503	507	509	4.3	5.5	2.6	5.0	1.0	4.6
72	503	507	509	4.3	5.5	2.6	5.0	1.0	4.6
73	503	507	509	4.3	5.5	2.6	5.0	1.0	4.6
74	503	507	509	4.3	5.5	2.6	5.0	1.0	4.6
75	504	507	509	4.0	5.5	2.4	5.0	1.0	4.6
76	504	508	510	4.0	5.5	2.4	5.0	1.0	4.6
77	504	508	510	4.0	5.5	2.4	5.0	1.0	4.6
78	504	508	510	4.0	5.5	2.4	5.0	1.0	4.6
79	505	508	510	3.6	5.5	2.1	5.0	1.0	4.6
80	505	509	511	3.6	5.5	2.1	5.0	1.0	4.6
81	505	509	511	3.6	5.5	2.1	5.0	1.0	4.6
82	505	509	511	3.6	5.5	2.1	5.0	1.0	4.6
83	506	510	511	3.3	5.5	1.9	5.0	1.0	4.6
84	506	510	512	3.3	5.5	1.9	5.0	1.0	4.6
85	506	510	512	3.3	5.5	1.9	5.0	1.0	4.6
86	507	510	512	3.0	5.5	1.6	5.0	1.0	4.6

Phonological Awareness Domain Achievement and Growth—Grade 1

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
87	507	511	513	3.0	5.5	1.6	5.0	1.0	4.6
88	507	511	513	3.0	5.5	1.6	5.0	1.0	4.6
89	508	512	513	2.7	5.5	1.3	5.0	1.0	4.6
90	508	512	514	2.7	5.5	1.3	5.0	1.0	4.6
91	509	512	514	2.4	5.5	1.1	5.0	1.0	4.6
92	509	513	515	2.4	5.5	1.1	5.0	1.0	4.6
93	510	513	515	2.0	5.5	1.0	5.0	1.0	4.6
94	510	514	516	2.0	5.5	1.0	5.0	1.0	4.6
95	511	515	517	2.0	5.5	1.0	5.0	1.0	4.6
96	512	515	517	2.0	5.5	1.0	5.0	1.0	4.6
97	513	516	518	2.0	5.5	1.0	5.0	1.0	4.6
98	514	518	520	2.0	5.5	1.0	5.0	1.0	4.6
99	516	520	522	2.0	5.5	1.0	5.0	1.0	4.6

Phonological Awareness Domain Achievement and Growth—Grade 2

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	487	488	488	7.1	5.5	5.2	4.8	4.5	4.8
2	489	490	490	6.6	5.5	4.8	4.8	4.1	4.8
3	490	491	492	6.4	5.5	4.6	4.8	3.9	4.8
4	491	492	493	6.1	5.5	4.4	4.8	3.7	4.8
5	491	493	493	6.1	5.5	4.4	4.8	3.5	4.8
6	492	493	494	5.9	5.5	4.2	4.8	3.5	4.8
7	492	494	495	5.9	5.5	4.2	4.8	3.3	4.8
8	493	494	495	5.7	5.5	4.0	4.8	3.3	4.8
9	493	495	496	5.7	5.5	4.0	4.8	3.1	4.8
10	494	495	496	5.4	5.5	3.8	4.8	3.1	4.8
11	494	496	497	5.4	5.5	3.8	4.8	2.9	4.8
12	495	496	497	5.2	5.5	3.6	4.8	2.9	4.8
13	495	496	497	5.2	5.5	3.6	4.8	2.9	4.8
14	495	497	498	5.2	5.5	3.6	4.8	2.8	4.8
15	495	497	498	5.2	5.5	3.6	4.8	2.8	4.8
16	496	497	498	5.0	5.5	3.4	4.8	2.8	4.8
17	496	498	499	5.0	5.5	3.4	4.8	2.6	4.8
18	496	498	499	5.0	5.5	3.4	4.8	2.6	4.8
19	496	498	499	5.0	5.5	3.4	4.8	2.6	4.8
20	497	498	499	4.7	5.5	3.2	4.8	2.6	4.8
21	497	499	500	4.7	5.5	3.2	4.8	2.4	4.8
22	497	499	500	4.7	5.5	3.2	4.8	2.4	4.8
23	497	499	500	4.7	5.5	3.2	4.8	2.4	4.8
24	498	499	500	4.5	5.5	3.0	4.8	2.4	4.8
25	498	500	501	4.5	5.5	3.0	4.8	2.2	4.8
26	498	500	501	4.5	5.5	3.0	4.8	2.2	4.8
27	498	500	501	4.5	5.5	3.0	4.8	2.2	4.8
28	498	500	501	4.5	5.5	3.0	4.8	2.2	4.8
29	499	500	502	4.2	5.5	2.8	4.8	2.2	4.8
30	499	501	502	4.2	5.5	2.8	4.8	2.0	4.8
31	499	501	502	4.2	5.5	2.8	4.8	2.0	4.8
32	499	501	502	4.2	5.5	2.8	4.8	2.0	4.8
33	499	501	503	4.2	5.5	2.8	4.8	2.0	4.8
34	500	502	503	4.0	5.5	2.6	4.8	1.8	4.8
35	500	502	503	4.0	5.5	2.6	4.8	1.8	4.8
36	500	502	503	4.0	5.5	2.6	4.8	1.8	4.8
37	500	502	503	4.0	5.5	2.6	4.8	1.8	4.8
38	500	502	504	4.0	5.5	2.6	4.8	1.8	4.8
39	501	502	504	3.8	5.5	2.4	4.8	1.8	4.8
40	501	503	504	3.8	5.5	2.4	4.8	1.6	4.8
41	501	503	504	3.8	5.5	2.4	4.8	1.6	4.8
42	501	503	504	3.8	5.5	2.4	4.8	1.6	4.8
43	501	503	504	3.8	5.5	2.4	4.8	1.6	4.8

Phonological Awareness Domain Achievement and Growth—Grade 2

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
44	501	503	505	3.8	5.5	2.4	4.8	1.6	4.8
45	502	504	505	3.5	5.5	2.2	4.8	1.4	4.8
46	502	504	505	3.5	5.5	2.2	4.8	1.4	4.8
47	502	504	505	3.5	5.5	2.2	4.8	1.4	4.8
48	502	504	505	3.5	5.5	2.2	4.8	1.4	4.8
49	502	504	506	3.5	5.5	2.2	4.8	1.4	4.8
50	502	504	506	3.5	5.5	2.2	4.8	1.4	4.8
51	503	505	506	3.3	5.5	2.0	4.8	1.2	4.8
52	503	505	506	3.3	5.5	2.0	4.8	1.2	4.8
53	503	505	506	3.3	5.5	2.0	4.8	1.2	4.8
54	503	505	507	3.3	5.5	2.0	4.8	1.2	4.8
55	503	505	507	3.3	5.5	2.0	4.8	1.2	4.8
56	503	506	507	3.3	5.5	2.0	4.8	1.0	4.8
57	504	506	507	3.1	5.5	1.8	4.8	1.0	4.8
58	504	506	507	3.1	5.5	1.8	4.8	1.0	4.8
59	504	506	508	3.1	5.5	1.8	4.8	1.0	4.8
60	504	506	508	3.1	5.5	1.8	4.8	1.0	4.8
61	504	507	508	3.1	5.5	1.8	4.8	1.0	4.8
62	504	507	508	3.1	5.5	1.8	4.8	1.0	4.8
63	505	507	508	2.8	5.5	1.6	4.8	1.0	4.8
64	505	507	509	2.8	5.5	1.6	4.8	1.0	4.8
65	505	507	509	2.8	5.5	1.6	4.8	1.0	4.8
66	505	507	509	2.8	5.5	1.6	4.8	1.0	4.8
67	505	508	509	2.8	5.5	1.6	4.8	1.0	4.8
68	506	508	509	2.6	5.5	1.4	4.8	1.0	4.8
69	506	508	510	2.6	5.5	1.4	4.8	1.0	4.8
70	506	508	510	2.6	5.5	1.4	4.8	1.0	4.8
71	506	508	510	2.6	5.5	1.4	4.8	1.0	4.8
72	506	509	510	2.6	5.5	1.4	4.8	1.0	4.8
73	506	509	510	2.6	5.5	1.4	4.8	1.0	4.8
74	507	509	511	2.4	5.5	1.2	4.8	1.0	4.8
75	507	509	511	2.4	5.5	1.2	4.8	1.0	4.8
76	507	510	511	2.4	5.5	1.2	4.8	1.0	4.8
77	507	510	511	2.4	5.5	1.2	4.8	1.0	4.8
78	508	510	512	2.1	5.5	1.0	4.8	1.0	4.8
79	508	510	512	2.1	5.5	1.0	4.8	1.0	4.8
80	508	511	512	2.1	5.5	1.0	4.8	1.0	4.8
81	508	511	512	2.1	5.5	1.0	4.8	1.0	4.8
82	508	511	513	2.1	5.5	1.0	4.8	1.0	4.8
83	509	511	513	2.0	5.5	1.0	4.8	1.0	4.8
84	509	512	513	2.0	5.5	1.0	4.8	1.0	4.8
85	509	512	514	2.0	5.5	1.0	4.8	1.0	4.8
86	510	512	514	2.0	5.5	1.0	4.8	1.0	4.8

Phonological Awareness Domain Achievement and Growth—Grade 2

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
87	510	513	514	2.0	5.5	1.0	4.8	1.0	4.8
88	510	513	515	2.0	5.5	1.0	4.8	1.0	4.8
89	511	513	515	2.0	5.5	1.0	4.8	1.0	4.8
90	511	514	515	2.0	5.5	1.0	4.8	1.0	4.8
91	511	514	516	2.0	5.5	1.0	4.8	1.0	4.8
92	512	515	516	2.0	5.5	1.0	4.8	1.0	4.8
93	512	515	517	2.0	5.5	1.0	4.8	1.0	4.8
94	513	516	518	2.0	5.5	1.0	4.8	1.0	4.8
95	513	516	518	2.0	5.5	1.0	4.8	1.0	4.8
96	514	517	519	2.0	5.5	1.0	4.8	1.0	4.8
97	515	518	520	2.0	5.5	1.0	4.8	1.0	4.8
98	516	519	521	2.0	5.5	1.0	4.8	1.0	4.8
99	518	521	523	2.0	5.5	1.0	4.8	1.0	4.8

Phonological Awareness Domain Achievement and Growth—Grade 3

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	487	489	488	6.5	5.6	5.4	4.6	2.9	4.6
2	489	491	490	6.0	5.6	5.0	4.6	2.6	4.6
3	490	492	492	5.8	5.6	4.8	4.6	2.5	4.6
4	491	493	493	5.6	5.6	4.6	4.6	2.3	4.6
5	492	494	493	5.4	5.6	4.4	4.6	2.2	4.6
6	493	494	494	5.1	5.6	4.2	4.6	2.2	4.6
7	493	495	495	5.1	5.6	4.2	4.6	2.1	4.6
8	494	495	495	4.9	5.6	4.0	4.6	2.1	4.6
9	494	496	496	4.9	5.6	4.0	4.6	1.9	4.6
10	495	496	496	4.7	5.6	3.8	4.6	1.9	4.6
11	495	497	497	4.7	5.6	3.8	4.6	1.8	4.6
12	495	497	497	4.7	5.6	3.8	4.6	1.8	4.6
13	496	497	497	4.4	5.6	3.6	4.6	1.8	4.6
14	496	498	498	4.4	5.6	3.6	4.6	1.6	4.6
15	496	498	498	4.4	5.6	3.6	4.6	1.6	4.6
16	497	498	498	4.2	5.6	3.4	4.6	1.6	4.6
17	497	499	499	4.2	5.6	3.4	4.6	1.5	4.6
18	497	499	499	4.2	5.6	3.4	4.6	1.5	4.6
19	497	499	499	4.2	5.6	3.4	4.6	1.5	4.6
20	498	499	500	4.0	5.6	3.2	4.6	1.5	4.6
21	498	500	500	4.0	5.6	3.2	4.6	1.4	4.6
22	498	500	500	4.0	5.6	3.2	4.6	1.4	4.6
23	498	500	500	4.0	5.6	3.2	4.6	1.4	4.6
24	498	500	501	4.0	5.6	3.2	4.6	1.4	4.6
25	499	501	501	3.8	5.6	3.0	4.6	1.2	4.6
26	499	501	501	3.8	5.6	3.0	4.6	1.2	4.6
27	499	501	501	3.8	5.6	3.0	4.6	1.2	4.6
28	499	501	502	3.8	5.6	3.0	4.6	1.2	4.6
29	500	502	502	3.5	5.6	2.8	4.6	1.1	4.6
30	500	502	502	3.5	5.6	2.8	4.6	1.1	4.6
31	500	502	502	3.5	5.6	2.8	4.6	1.1	4.6
32	500	502	503	3.5	5.6	2.8	4.6	1.1	4.6
33	500	502	503	3.5	5.6	2.8	4.6	1.1	4.6
34	501	503	503	3.3	5.6	2.6	4.6	1.0	4.6
35	501	503	503	3.3	5.6	2.6	4.6	1.0	4.6
36	501	503	503	3.3	5.6	2.6	4.6	1.0	4.6
37	501	503	504	3.3	5.6	2.6	4.6	1.0	4.6
38	501	503	504	3.3	5.6	2.6	4.6	1.0	4.6
39	501	503	504	3.3	5.6	2.6	4.6	1.0	4.6
40	502	504	504	3.1	5.6	2.4	4.6	1.0	4.6
41	502	504	504	3.1	5.6	2.4	4.6	1.0	4.6
42	502	504	505	3.1	5.6	2.4	4.6	1.0	4.6
43	502	504	505	3.1	5.6	2.4	4.6	1.0	4.6

Phonological Awareness Domain Achievement and Growth—Grade 3

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
44	502	504	505	3.1	5.6	2.4	4.6	1.0	4.6
45	503	505	505	2.8	5.6	2.2	4.6	1.0	4.6
46	503	505	505	2.8	5.6	2.2	4.6	1.0	4.6
47	503	505	506	2.8	5.6	2.2	4.6	1.0	4.6
48	503	505	506	2.8	5.6	2.2	4.6	1.0	4.6
49	503	505	506	2.8	5.6	2.2	4.6	1.0	4.6
50	503	505	506	2.8	5.6	2.2	4.6	1.0	4.6
51	504	506	506	2.6	5.6	2.0	4.6	1.0	4.6
52	504	506	507	2.6	5.6	2.0	4.6	1.0	4.6
53	504	506	507	2.6	5.6	2.0	4.6	1.0	4.6
54	504	506	507	2.6	5.6	2.0	4.6	1.0	4.6
55	504	506	507	2.6	5.6	2.0	4.6	1.0	4.6
56	504	507	507	2.6	5.6	2.0	4.6	1.0	4.6
57	505	507	507	2.4	5.6	1.8	4.6	1.0	4.6
58	505	507	508	2.4	5.6	1.8	4.6	1.0	4.6
59	505	507	508	2.4	5.6	1.8	4.6	1.0	4.6
60	505	507	508	2.4	5.6	1.8	4.6	1.0	4.6
61	505	507	508	2.4	5.6	1.8	4.6	1.0	4.6
62	505	508	508	2.4	5.6	1.8	4.6	1.0	4.6
63	506	508	509	2.2	5.6	1.6	4.6	1.0	4.6
64	506	508	509	2.2	5.6	1.6	4.6	1.0	4.6
65	506	508	509	2.2	5.6	1.6	4.6	1.0	4.6
66	506	508	509	2.2	5.6	1.6	4.6	1.0	4.6
67	506	509	510	2.2	5.6	1.6	4.6	1.0	4.6
68	507	509	510	2.0	5.6	1.4	4.6	1.0	4.6
69	507	509	510	2.0	5.6	1.4	4.6	1.0	4.6
70	507	509	510	2.0	5.6	1.4	4.6	1.0	4.6
71	507	509	510	2.0	5.6	1.4	4.6	1.0	4.6
72	507	510	511	2.0	5.6	1.4	4.6	1.0	4.6
73	508	510	511	2.0	5.6	1.2	4.6	1.0	4.6
74	508	510	511	2.0	5.6	1.2	4.6	1.0	4.6
75	508	510	511	2.0	5.6	1.2	4.6	1.0	4.6
76	508	511	512	2.0	5.6	1.2	4.6	1.0	4.6
77	508	511	512	2.0	5.6	1.2	4.6	1.0	4.6
78	509	511	512	2.0	5.6	1.0	4.6	1.0	4.6
79	509	511	512	2.0	5.6	1.0	4.6	1.0	4.6
80	509	512	513	2.0	5.6	1.0	4.6	1.0	4.6
81	509	512	513	2.0	5.6	1.0	4.6	1.0	4.6
82	510	512	513	2.0	5.6	1.0	4.6	1.0	4.6
83	510	512	513	2.0	5.6	1.0	4.6	1.0	4.6
84	510	513	514	2.0	5.6	1.0	4.6	1.0	4.6
85	511	513	514	2.0	5.6	1.0	4.6	1.0	4.6
86	511	513	514	2.0	5.6	1.0	4.6	1.0	4.6

Phonological Awareness Domain Achievement and Growth—Grade 3

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
87	511	514	515	2.0	5.6	1.0	4.6	1.0	4.6
88	511	514	515	2.0	5.6	1.0	4.6	1.0	4.6
89	512	514	516	2.0	5.6	1.0	4.6	1.0	4.6
90	512	515	516	2.0	5.6	1.0	4.6	1.0	4.6
91	513	515	516	2.0	5.6	1.0	4.6	1.0	4.6
92	513	516	517	2.0	5.6	1.0	4.6	1.0	4.6
93	514	516	518	2.0	5.6	1.0	4.6	1.0	4.6
94	514	517	518	2.0	5.6	1.0	4.6	1.0	4.6
95	515	517	519	2.0	5.6	1.0	4.6	1.0	4.6
96	515	518	520	2.0	5.6	1.0	4.6	1.0	4.6
97	516	519	521	2.0	5.6	1.0	4.6	1.0	4.6
98	518	520	522	2.0	5.6	1.0	4.6	1.0	4.6
99	519	522	524	2.0	5.6	1.0	4.6	1.0	4.6

Phonics & Word Recognition Domain Achievement and Growth— Grade K

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	471	476	480	15.5	6.1	9.6	5.2	6.8	4.3
2	473	478	482	15.0	6.1	9.2	5.2	6.6	4.3
3	474	479	483	14.8	6.1	9.1	5.2	6.5	4.3
4	475	480	484	14.5	6.1	8.9	5.2	6.4	4.3
5	475	481	485	14.5	6.1	8.9	5.2	6.3	4.3
6	476	482	486	14.3	6.1	8.7	5.2	6.1	4.3
7	477	482	487	14.1	6.1	8.6	5.2	6.1	4.3
8	477	483	487	14.1	6.1	8.6	5.2	6.0	4.3
9	478	483	488	13.8	6.1	8.4	5.2	6.0	4.3
10	478	484	488	13.8	6.1	8.4	5.2	5.9	4.3
11	478	484	489	13.8	6.1	8.4	5.2	5.9	4.3
12	479	485	489	13.6	6.1	8.2	5.2	5.8	4.3
13	479	485	490	13.6	6.1	8.2	5.2	5.8	4.3
14	479	485	490	13.6	6.1	8.2	5.2	5.8	4.3
15	480	486	490	13.4	6.1	8.0	5.2	5.7	4.3
16	480	486	491	13.4	6.1	8.0	5.2	5.7	4.3
17	480	486	491	13.4	6.1	8.0	5.2	5.7	4.3
18	481	487	491	13.1	6.1	7.9	5.2	5.6	4.3
19	481	487	492	13.1	6.1	7.9	5.2	5.6	4.3
20	481	487	492	13.1	6.1	7.9	5.2	5.6	4.3
21	481	488	492	13.1	6.1	7.9	5.2	5.5	4.3
22	482	488	492	12.9	6.1	7.7	5.2	5.5	4.3
23	482	488	493	12.9	6.1	7.7	5.2	5.5	4.3
24	482	488	493	12.9	6.1	7.7	5.2	5.5	4.3
25	482	489	493	12.9	6.1	7.7	5.2	5.4	4.3
26	482	489	493	12.9	6.1	7.7	5.2	5.4	4.3
27	483	489	494	12.7	6.1	7.5	5.2	5.4	4.3
28	483	489	494	12.7	6.1	7.5	5.2	5.4	4.3
29	483	490	494	12.7	6.1	7.5	5.2	5.3	4.3
30	483	490	494	12.7	6.1	7.5	5.2	5.3	4.3
31	483	490	495	12.7	6.1	7.5	5.2	5.3	4.3
32	484	490	495	12.4	6.1	7.4	5.2	5.3	4.3
33	484	490	495	12.4	6.1	7.4	5.2	5.3	4.3
34	484	491	495	12.4	6.1	7.4	5.2	5.2	4.3
35	484	491	496	12.4	6.1	7.4	5.2	5.2	4.3
36	484	491	496	12.4	6.1	7.4	5.2	5.2	4.3
37	485	491	496	12.2	6.1	7.2	5.2	5.2	4.3
38	485	491	496	12.2	6.1	7.2	5.2	5.2	4.3
39	485	492	496	12.2	6.1	7.2	5.2	5.1	4.3
40	485	492	497	12.2	6.1	7.2	5.2	5.1	4.3
41	485	492	497	12.2	6.1	7.2	5.2	5.1	4.3
42	486	492	497	12.0	6.1	7.0	5.2	5.1	4.3
43	486	492	497	12.0	6.1	7.0	5.2	5.1	4.3

Phonics & Word Recognition Domain Achievement and Growth— Grade K

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
44	486	493	497	12.0	6.1	7.0	5.2	5.0	4.3
45	486	493	498	12.0	6.1	7.0	5.2	5.0	4.3
46	486	493	498	12.0	6.1	7.0	5.2	5.0	4.3
47	486	493	498	12.0	6.1	7.0	5.2	5.0	4.3
48	487	493	498	11.7	6.1	6.9	5.2	5.0	4.3
49	487	494	498	11.7	6.1	6.9	5.2	4.9	4.3
50	487	494	499	11.7	6.1	6.9	5.2	4.9	4.3
51	487	494	499	11.7	6.1	6.9	5.2	4.9	4.3
52	487	494	499	11.7	6.1	6.9	5.2	4.9	4.3
53	487	494	499	11.7	6.1	6.9	5.2	4.9	4.3
54	488	495	499	11.5	6.1	6.7	5.2	4.7	4.3
55	488	495	500	11.5	6.1	6.7	5.2	4.7	4.3
56	488	495	500	11.5	6.1	6.7	5.2	4.7	4.3
57	488	495	500	11.5	6.1	6.7	5.2	4.7	4.3
58	488	495	500	11.5	6.1	6.7	5.2	4.7	4.3
59	489	496	501	11.3	6.1	6.5	5.2	4.6	4.3
60	489	496	501	11.3	6.1	6.5	5.2	4.6	4.3
61	489	496	501	11.3	6.1	6.5	5.2	4.6	4.3
62	489	496	501	11.3	6.1	6.5	5.2	4.6	4.3
63	489	496	501	11.3	6.1	6.5	5.2	4.6	4.3
64	489	497	502	11.3	6.1	6.5	5.2	4.5	4.3
65	490	497	502	11.0	6.1	6.3	5.2	4.5	4.3
66	490	497	502	11.0	6.1	6.3	5.2	4.5	4.3
67	490	497	502	11.0	6.1	6.3	5.2	4.5	4.3
68	490	497	502	11.0	6.1	6.3	5.2	4.5	4.3
69	490	498	503	11.0	6.1	6.3	5.2	4.4	4.3
70	491	498	503	10.8	6.1	6.2	5.2	4.4	4.3
71	491	498	503	10.8	6.1	6.2	5.2	4.4	4.3
72	491	498	503	10.8	6.1	6.2	5.2	4.4	4.3
73	491	499	504	10.8	6.1	6.2	5.2	4.3	4.3
74	491	499	504	10.8	6.1	6.2	5.2	4.3	4.3
75	492	499	504	10.6	6.1	6.0	5.2	4.3	4.3
76	492	499	504	10.6	6.1	6.0	5.2	4.3	4.3
77	492	500	505	10.6	6.1	6.0	5.2	4.2	4.3
78	492	500	505	10.6	6.1	6.0	5.2	4.2	4.3
79	493	500	505	10.3	6.1	5.8	5.2	4.2	4.3
80	493	500	506	10.3	6.1	5.8	5.2	4.2	4.3
81	493	501	506	10.3	6.1	5.8	5.2	4.1	4.3
82	493	501	506	10.3	6.1	5.8	5.2	4.1	4.3
83	494	501	506	10.1	6.1	5.7	5.2	4.1	4.3
84	494	502	507	10.1	6.1	5.7	5.2	4.0	4.3
85	494	502	507	10.1	6.1	5.7	5.2	4.0	4.3
86	494	502	507	10.1	6.1	5.7	5.2	4.0	4.3

Phonics & Word Recognition Domain Achievement and Growth— Grade K

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
87	495	503	508	9.9	6.1	5.5	5.2	3.9	4.3
88	495	503	508	9.9	6.1	5.5	5.2	3.9	4.3
89	495	503	509	9.9	6.1	5.5	5.2	3.9	4.3
90	496	504	509	9.6	6.1	5.3	5.2	3.8	4.3
91	496	504	510	9.6	6.1	5.3	5.2	3.8	4.3
92	497	505	510	9.4	6.1	5.2	5.2	3.7	4.3
93	497	505	511	9.4	6.1	5.2	5.2	3.7	4.3
94	498	506	511	9.2	6.1	5.0	5.2	3.6	4.3
95	498	507	512	9.2	6.1	5.0	5.2	3.4	4.3
96	499	507	513	8.9	6.1	4.8	5.2	3.4	4.3
97	500	508	514	8.7	6.1	4.6	5.2	3.3	4.3
98	501	510	515	8.5	6.1	4.5	5.2	3.1	4.3
99	503	512	518	8.0	6.1	4.1	5.2	2.9	4.3

Phonics & Word Recognition Domain Achievement and Growth— Grade 1

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	482	486	488	10.4	4.8	6.9	4.0	4.4	3.6
2	484	488	490	9.9	4.8	6.5	4.0	4.2	3.6
3	485	489	492	9.7	4.8	6.4	4.0	4.1	3.6
4	486	490	493	9.5	4.8	6.2	4.0	4.0	3.6
5	487	491	493	9.3	4.8	6.1	4.0	3.9	3.6
6	487	492	494	9.3	4.8	6.1	4.0	3.8	3.6
7	488	492	495	9.1	4.8	5.9	4.0	3.8	3.6
8	489	493	495	8.9	4.8	5.8	4.0	3.7	3.6
9	489	493	496	8.9	4.8	5.8	4.0	3.7	3.6
10	490	494	496	8.7	4.8	5.6	4.0	3.6	3.6
11	490	494	497	8.7	4.8	5.6	4.0	3.6	3.6
12	490	494	497	8.7	4.8	5.6	4.0	3.6	3.6
13	491	495	497	8.5	4.8	5.4	4.0	3.5	3.6
14	491	495	498	8.5	4.8	5.4	4.0	3.5	3.6
15	491	496	498	8.5	4.8	5.4	4.0	3.4	3.6
16	492	496	498	8.3	4.8	5.3	4.0	3.4	3.6
17	492	496	499	8.3	4.8	5.3	4.0	3.4	3.6
18	492	496	499	8.3	4.8	5.3	4.0	3.4	3.6
19	493	497	499	8.1	4.8	5.1	4.0	3.3	3.6
20	493	497	500	8.1	4.8	5.1	4.0	3.3	3.6
21	493	497	500	8.1	4.8	5.1	4.0	3.3	3.6
22	493	498	500	8.1	4.8	5.1	4.0	3.2	3.6
23	494	498	500	7.9	4.8	5.0	4.0	3.2	3.6
24	494	498	501	7.9	4.8	5.0	4.0	3.2	3.6
25	494	498	501	7.9	4.8	5.0	4.0	3.2	3.6
26	494	499	501	7.9	4.8	5.0	4.0	3.1	3.6
27	495	499	501	7.6	4.8	4.8	4.0	3.1	3.6
28	495	499	502	7.6	4.8	4.8	4.0	3.1	3.6
29	495	499	502	7.6	4.8	4.8	4.0	3.1	3.6
30	495	499	502	7.6	4.8	4.8	4.0	3.1	3.6
31	495	500	502	7.6	4.8	4.8	4.0	3.0	3.6
32	496	500	502	7.4	4.8	4.7	4.0	3.0	3.6
33	496	500	503	7.4	4.8	4.7	4.0	3.0	3.6
34	496	500	503	7.4	4.8	4.7	4.0	3.0	3.6
35	496	500	503	7.4	4.8	4.7	4.0	3.0	3.6
36	496	501	503	7.4	4.8	4.7	4.0	2.8	3.6
37	497	501	503	7.2	4.8	4.5	4.0	2.8	3.6
38	497	501	504	7.2	4.8	4.5	4.0	2.8	3.6
39	497	501	504	7.2	4.8	4.5	4.0	2.8	3.6
40	497	501	504	7.2	4.8	4.5	4.0	2.8	3.6
41	497	502	504	7.2	4.8	4.5	4.0	2.7	3.6
42	498	502	504	7.0	4.8	4.4	4.0	2.7	3.6
43	498	502	505	7.0	4.8	4.4	4.0	2.7	3.6

Phonics & Word Recognition Domain Achievement and Growth— Grade 1

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
44	498	502	505	7.0	4.8	4.4	4.0	2.7	3.6
45	498	502	505	7.0	4.8	4.4	4.0	2.7	3.6
46	498	503	505	7.0	4.8	4.4	4.0	2.6	3.6
47	499	503	505	6.8	4.8	4.2	4.0	2.6	3.6
48	499	503	506	6.8	4.8	4.2	4.0	2.6	3.6
49	499	503	506	6.8	4.8	4.2	4.0	2.6	3.6
50	499	503	506	6.8	4.8	4.2	4.0	2.6	3.6
51	499	504	506	6.8	4.8	4.2	4.0	2.5	3.6
52	500	504	506	6.6	4.8	4.0	4.0	2.5	3.6
53	500	504	507	6.6	4.8	4.0	4.0	2.5	3.6
54	500	504	507	6.6	4.8	4.0	4.0	2.5	3.6
55	500	504	507	6.6	4.8	4.0	4.0	2.5	3.6
56	500	504	507	6.6	4.8	4.0	4.0	2.5	3.6
57	501	505	507	6.4	4.8	3.9	4.0	2.4	3.6
58	501	505	507	6.4	4.8	3.9	4.0	2.4	3.6
59	501	505	508	6.4	4.8	3.9	4.0	2.4	3.6
60	501	505	508	6.4	4.8	3.9	4.0	2.4	3.6
61	501	505	508	6.4	4.8	3.9	4.0	2.4	3.6
62	501	506	508	6.4	4.8	3.9	4.0	2.3	3.6
63	502	506	508	6.2	4.8	3.7	4.0	2.3	3.6
64	502	506	509	6.2	4.8	3.7	4.0	2.3	3.6
65	502	506	509	6.2	4.8	3.7	4.0	2.3	3.6
66	502	506	509	6.2	4.8	3.7	4.0	2.3	3.6
67	502	507	509	6.2	4.8	3.7	4.0	2.2	3.6
68	503	507	510	6.0	4.8	3.6	4.0	2.2	3.6
69	503	507	510	6.0	4.8	3.6	4.0	2.2	3.6
70	503	507	510	6.0	4.8	3.6	4.0	2.2	3.6
71	503	508	510	6.0	4.8	3.6	4.0	2.1	3.6
72	504	508	510	5.8	4.8	3.4	4.0	2.1	3.6
73	504	508	511	5.8	4.8	3.4	4.0	2.1	3.6
74	504	508	511	5.8	4.8	3.4	4.0	2.1	3.6
75	504	508	511	5.8	4.8	3.4	4.0	2.1	3.6
76	505	509	511	5.6	4.8	3.3	4.0	2.0	3.6
77	505	509	512	5.6	4.8	3.3	4.0	2.0	3.6
78	505	509	512	5.6	4.8	3.3	4.0	2.0	3.6
79	505	509	512	5.6	4.8	3.3	4.0	2.0	3.6
80	506	510	512	5.4	4.8	3.1	4.0	1.9	3.6
81	506	510	513	5.4	4.8	3.1	4.0	1.9	3.6
82	506	510	513	5.4	4.8	3.1	4.0	1.9	3.6
83	506	511	513	5.4	4.8	3.1	4.0	1.8	3.6
84	507	511	514	5.1	4.8	3.0	4.0	1.8	3.6
85	507	511	514	5.1	4.8	3.0	4.0	1.8	3.6
86	507	511	514	5.1	4.8	3.0	4.0	1.8	3.6

Phonics & Word Recognition Domain Achievement and Growth— Grade 1

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
87	508	512	515	4.9	4.8	2.8	4.0	1.7	3.6
88	508	512	515	4.9	4.8	2.8	4.0	1.7	3.6
89	508	513	515	4.9	4.8	2.8	4.0	1.6	3.6
90	509	513	516	4.7	4.8	2.6	4.0	1.6	3.6
91	509	513	516	4.7	4.8	2.6	4.0	1.6	3.6
92	510	514	517	4.5	4.8	2.5	4.0	1.5	3.6
93	510	514	517	4.5	4.8	2.5	4.0	1.5	3.6
94	511	515	518	4.3	4.8	2.3	4.0	1.4	3.6
95	512	516	519	4.1	4.8	2.2	4.0	1.3	3.6
96	512	517	519	4.1	4.8	2.2	4.0	1.2	3.6
97	513	518	520	3.9	4.8	2.0	4.0	1.1	3.6
98	515	519	522	3.5	4.8	1.7	4.0	1.0	3.6
99	517	521	524	3.1	4.8	1.4	4.0	1.0	3.6

Phonics & Word Recognition Domain Achievement and Growth— Grade 2

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	487	489	491	6.4	4.2	4.1	3.5	3.4	3.6
2	489	491	493	6.1	4.2	3.9	3.5	3.2	3.6
3	491	493	494	5.8	4.2	3.7	3.5	3.0	3.6
4	491	494	495	5.8	4.2	3.7	3.5	2.9	3.6
5	492	494	496	5.7	4.2	3.6	3.5	2.9	3.6
6	493	495	496	5.6	4.2	3.5	3.5	2.8	3.6
7	493	496	497	5.6	4.2	3.5	3.5	2.7	3.6
8	494	496	498	5.4	4.2	3.5	3.5	2.7	3.6
9	494	497	498	5.4	4.2	3.5	3.5	2.6	3.6
10	495	497	499	5.3	4.2	3.4	3.5	2.6	3.6
11	495	498	499	5.3	4.2	3.4	3.5	2.5	3.6
12	496	498	499	5.2	4.2	3.3	3.5	2.5	3.6
13	496	498	500	5.2	4.2	3.3	3.5	2.5	3.6
14	496	499	500	5.2	4.2	3.3	3.5	2.4	3.6
15	497	499	500	5.0	4.2	3.2	3.5	2.4	3.6
16	497	499	501	5.0	4.2	3.2	3.5	2.4	3.6
17	497	500	501	5.0	4.2	3.2	3.5	2.3	3.6
18	498	500	501	4.9	4.2	3.1	3.5	2.3	3.6
19	498	500	502	4.9	4.2	3.1	3.5	2.3	3.6
20	498	500	502	4.9	4.2	3.1	3.5	2.3	3.6
21	498	501	502	4.9	4.2	3.1	3.5	2.2	3.6
22	499	501	502	4.8	4.2	3.0	3.5	2.2	3.6
23	499	501	503	4.8	4.2	3.0	3.5	2.2	3.6
24	499	501	503	4.8	4.2	3.0	3.5	2.2	3.6
25	499	502	503	4.8	4.2	3.0	3.5	2.1	3.6
26	499	502	503	4.8	4.2	3.0	3.5	2.1	3.6
27	500	502	504	4.6	4.2	2.9	3.5	2.1	3.6
28	500	502	504	4.6	4.2	2.9	3.5	2.1	3.6
29	500	503	504	4.6	4.2	2.9	3.5	1.9	3.6
30	500	503	504	4.6	4.2	2.9	3.5	1.9	3.6
31	501	503	504	4.5	4.2	2.8	3.5	1.9	3.6
32	501	503	505	4.5	4.2	2.8	3.5	1.9	3.6
33	501	503	505	4.5	4.2	2.8	3.5	1.9	3.6
34	501	504	505	4.5	4.2	2.8	3.5	1.8	3.6
35	501	504	505	4.5	4.2	2.8	3.5	1.8	3.6
36	502	504	506	4.4	4.2	2.7	3.5	1.8	3.6
37	502	504	506	4.4	4.2	2.7	3.5	1.8	3.6
38	502	504	506	4.4	4.2	2.7	3.5	1.8	3.6
39	502	505	506	4.4	4.2	2.7	3.5	1.7	3.6
40	502	505	506	4.4	4.2	2.7	3.5	1.7	3.6
41	502	505	507	4.4	4.2	2.7	3.5	1.7	3.6
42	503	505	507	4.2	4.2	2.6	3.5	1.7	3.6
43	503	505	507	4.2	4.2	2.6	3.5	1.7	3.6

Phonics & Word Recognition Domain Achievement and Growth— Grade 2

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
44	503	506	507	4.2	4.2	2.6	3.5	1.6	3.6
45	503	506	507	4.2	4.2	2.6	3.5	1.6	3.6
46	503	506	507	4.2	4.2	2.6	3.5	1.6	3.6
47	504	506	508	4.1	4.2	2.5	3.5	1.6	3.6
48	504	506	508	4.1	4.2	2.5	3.5	1.6	3.6
49	504	506	508	4.1	4.2	2.5	3.5	1.6	3.6
50	504	507	508	4.1	4.2	2.5	3.5	1.5	3.6
51	504	507	508	4.1	4.2	2.5	3.5	1.5	3.6
52	504	507	509	4.1	4.2	2.5	3.5	1.5	3.6
53	505	507	509	4.0	4.2	2.4	3.5	1.5	3.6
54	505	507	509	4.0	4.2	2.4	3.5	1.5	3.6
55	505	508	509	4.0	4.2	2.4	3.5	1.4	3.6
56	505	508	509	4.0	4.2	2.4	3.5	1.4	3.6
57	505	508	510	4.0	4.2	2.4	3.5	1.4	3.6
58	506	508	510	3.9	4.2	2.4	3.5	1.4	3.6
59	506	508	510	3.9	4.2	2.4	3.5	1.4	3.6
60	506	509	510	3.9	4.2	2.4	3.5	1.3	3.6
61	506	509	510	3.9	4.2	2.4	3.5	1.3	3.6
62	506	509	511	3.9	4.2	2.4	3.5	1.3	3.6
63	507	509	511	3.7	4.2	2.3	3.5	1.3	3.6
64	507	509	511	3.7	4.2	2.3	3.5	1.3	3.6
65	507	510	511	3.7	4.2	2.3	3.5	1.2	3.6
66	507	510	511	3.7	4.2	2.3	3.5	1.2	3.6
67	507	510	512	3.7	4.2	2.3	3.5	1.2	3.6
68	507	510	512	3.7	4.2	2.3	3.5	1.2	3.6
69	508	510	512	3.6	4.2	2.2	3.5	1.2	3.6
70	508	511	512	3.6	4.2	2.2	3.5	1.1	3.6
71	508	511	512	3.6	4.2	2.2	3.5	1.1	3.6
72	508	511	513	3.6	4.2	2.2	3.5	1.1	3.6
73	509	511	513	3.5	4.2	2.1	3.5	1.1	3.6
74	509	511	513	3.5	4.2	2.1	3.5	1.1	3.6
75	509	512	513	3.5	4.2	2.1	3.5	1.0	3.6
76	509	512	514	3.5	4.2	2.1	3.5	1.0	3.6
77	509	512	514	3.5	4.2	2.1	3.5	1.0	3.6
78	510	512	514	3.3	4.2	2.0	3.5	1.0	3.6
79	510	513	514	3.3	4.2	2.0	3.5	1.0	3.6
80	510	513	515	3.3	4.2	2.0	3.5	1.0	3.6
81	510	513	515	3.3	4.2	2.0	3.5	1.0	3.6
82	511	513	515	3.2	4.2	1.9	3.5	1.0	3.6
83	511	514	515	3.2	4.2	1.9	3.5	1.0	3.6
84	511	514	516	3.2	4.2	1.9	3.5	1.0	3.6
85	512	514	516	3.1	4.2	1.8	3.5	1.0	3.6
86	512	515	516	3.1	4.2	1.8	3.5	1.0	3.6

Phonics & Word Recognition Domain Achievement and Growth— Grade 2

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
87	512	515	517	3.1	4.2	1.8	3.5	1.0	3.6
88	513	515	517	2.9	4.2	1.7	3.5	1.0	3.6
89	513	516	517	2.9	4.2	1.7	3.5	1.0	3.6
90	513	516	518	2.9	4.2	1.7	3.5	1.0	3.6
91	514	517	518	2.8	4.2	1.6	3.5	1.0	3.6
92	514	517	519	2.8	4.2	1.6	3.5	1.0	3.6
93	515	518	519	2.7	4.2	1.5	3.5	1.0	3.6
94	515	518	520	2.7	4.2	1.5	3.5	1.0	3.6
95	516	519	521	2.5	4.2	1.4	3.5	1.0	3.6
96	517	520	521	2.4	4.2	1.4	3.5	1.0	3.6
97	518	521	522	2.3	4.2	1.3	3.5	1.0	3.6
98	519	522	524	2.1	4.2	1.2	3.5	1.0	3.6
99	521	524	526	2.0	4.2	1.0	3.5	1.0	3.6

Phonics & Word Recognition Domain Achievement and Growth— Grade 3

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	489	490	491	4.6	4.1	3.1	3.4	2.7	3.6
2	491	492	493	4.4	4.1	3.0	3.4	2.5	3.6
3	492	493	494	4.3	4.1	2.9	3.4	2.4	3.6
4	493	494	495	4.2	4.1	2.8	3.4	2.3	3.6
5	494	495	496	4.1	4.1	2.7	3.4	2.2	3.6
6	494	496	497	4.1	4.1	2.7	3.4	2.1	3.6
7	495	496	497	4.0	4.1	2.7	3.4	2.1	3.6
8	495	497	498	4.0	4.1	2.7	3.4	2.0	3.6
9	496	497	498	3.9	4.1	2.6	3.4	2.0	3.6
10	496	498	499	3.9	4.1	2.6	3.4	1.9	3.6
11	497	498	499	3.8	4.1	2.5	3.4	1.9	3.6
12	497	499	500	3.8	4.1	2.5	3.4	1.8	3.6
13	498	499	500	3.7	4.1	2.4	3.4	1.8	3.6
14	498	499	500	3.7	4.1	2.4	3.4	1.8	3.6
15	498	500	501	3.7	4.1	2.4	3.4	1.7	3.6
16	498	500	501	3.7	4.1	2.4	3.4	1.7	3.6
17	499	500	501	3.6	4.1	2.4	3.4	1.7	3.6
18	499	501	502	3.6	4.1	2.4	3.4	1.6	3.6
19	499	501	502	3.6	4.1	2.4	3.4	1.6	3.6
20	500	501	502	3.5	4.1	2.3	3.4	1.6	3.6
21	500	502	502	3.5	4.1	2.3	3.4	1.6	3.6
22	500	502	503	3.5	4.1	2.3	3.4	1.6	3.6
23	500	502	503	3.5	4.1	2.3	3.4	1.6	3.6
24	501	502	503	3.4	4.1	2.2	3.4	1.6	3.6
25	501	503	503	3.4	4.1	2.2	3.4	1.5	3.6
26	501	503	504	3.4	4.1	2.2	3.4	1.5	3.6
27	501	503	504	3.4	4.1	2.2	3.4	1.5	3.6
28	502	503	504	3.3	4.1	2.1	3.4	1.5	3.6
29	502	503	504	3.3	4.1	2.1	3.4	1.5	3.6
30	502	504	505	3.3	4.1	2.1	3.4	1.4	3.6
31	502	504	505	3.3	4.1	2.1	3.4	1.4	3.6
32	502	504	505	3.3	4.1	2.1	3.4	1.4	3.6
33	503	504	505	3.2	4.1	2.1	3.4	1.4	3.6
34	503	505	505	3.2	4.1	2.1	3.4	1.3	3.6
35	503	505	506	3.2	4.1	2.1	3.4	1.3	3.6
36	503	505	506	3.2	4.1	2.1	3.4	1.3	3.6
37	503	505	506	3.2	4.1	2.1	3.4	1.3	3.6
38	504	505	506	3.1	4.1	2.0	3.4	1.3	3.6
39	504	506	506	3.1	4.1	2.0	3.4	1.2	3.6
40	504	506	507	3.1	4.1	2.0	3.4	1.2	3.6
41	504	506	507	3.1	4.1	2.0	3.4	1.2	3.6
42	504	506	507	3.1	4.1	2.0	3.4	1.2	3.6
43	504	506	507	3.1	4.1	2.0	3.4	1.2	3.6

Phonics & Word Recognition Domain Achievement and Growth— Grade 3

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
44	505	506	507	3.0	4.1	1.9	3.4	1.2	3.6
45	505	507	508	3.0	4.1	1.9	3.4	1.1	3.6
46	505	507	508	3.0	4.1	1.9	3.4	1.1	3.6
47	505	507	508	3.0	4.1	1.9	3.4	1.1	3.6
48	505	507	508	3.0	4.1	1.9	3.4	1.1	3.6
49	506	507	508	2.9	4.1	1.9	3.4	1.1	3.6
50	506	508	509	2.9	4.1	1.9	3.4	1.0	3.6
51	506	508	509	2.9	4.1	1.9	3.4	1.0	3.6
52	506	508	509	2.9	4.1	1.9	3.4	1.0	3.6
53	506	508	509	2.9	4.1	1.9	3.4	1.0	3.6
54	507	508	509	2.7	4.1	1.8	3.4	1.0	3.6
55	507	509	510	2.7	4.1	1.8	3.4	1.0	3.6
56	507	509	510	2.7	4.1	1.8	3.4	1.0	3.6
57	507	509	510	2.7	4.1	1.8	3.4	1.0	3.6
58	507	509	510	2.7	4.1	1.8	3.4	1.0	3.6
59	507	509	510	2.7	4.1	1.8	3.4	1.0	3.6
60	508	510	511	2.6	4.1	1.7	3.4	1.0	3.6
61	508	510	511	2.6	4.1	1.7	3.4	1.0	3.6
62	508	510	511	2.6	4.1	1.7	3.4	1.0	3.6
63	508	510	511	2.6	4.1	1.7	3.4	1.0	3.6
64	508	510	511	2.6	4.1	1.7	3.4	1.0	3.6
65	509	511	512	2.5	4.1	1.6	3.4	1.0	3.6
66	509	511	512	2.5	4.1	1.6	3.4	1.0	3.6
67	509	511	512	2.5	4.1	1.6	3.4	1.0	3.6
68	509	511	512	2.5	4.1	1.6	3.4	1.0	3.6
69	509	511	512	2.5	4.1	1.6	3.4	1.0	3.6
70	510	512	513	2.4	4.1	1.6	3.4	1.0	3.6
71	510	512	513	2.4	4.1	1.6	3.4	1.0	3.6
72	510	512	513	2.4	4.1	1.6	3.4	1.0	3.6
73	510	512	513	2.4	4.1	1.6	3.4	1.0	3.6
74	510	513	514	2.4	4.1	1.6	3.4	1.0	3.6
75	511	513	514	2.3	4.1	1.5	3.4	1.0	3.6
76	511	513	514	2.3	4.1	1.5	3.4	1.0	3.6
77	511	513	514	2.3	4.1	1.5	3.4	1.0	3.6
78	511	513	515	2.3	4.1	1.5	3.4	1.0	3.6
79	512	514	515	2.2	4.1	1.4	3.4	1.0	3.6
80	512	514	515	2.2	4.1	1.4	3.4	1.0	3.6
81	512	514	515	2.2	4.1	1.4	3.4	1.0	3.6
82	512	515	516	2.2	4.1	1.4	3.4	1.0	3.6
83	513	515	516	2.1	4.1	1.3	3.4	1.0	3.6
84	513	515	516	2.1	4.1	1.3	3.4	1.0	3.6
85	513	515	517	2.1	4.1	1.3	3.4	1.0	3.6
86	514	516	517	2.0	4.1	1.3	3.4	1.0	3.6

Phonics & Word Recognition Domain Achievement and Growth— Grade 3

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
87	514	516	517	2.0	4.1	1.3	3.4	1.0	3.6
88	514	517	518	2.0	4.1	1.3	3.4	1.0	3.6
89	515	517	518	2.0	4.1	1.2	3.4	1.0	3.6
90	515	517	519	2.0	4.1	1.2	3.4	1.0	3.6
91	516	518	519	2.0	4.1	1.1	3.4	1.0	3.6
92	516	518	520	2.0	4.1	1.1	3.4	1.0	3.6
93	517	519	520	2.0	4.1	1.0	3.4	1.0	3.6
94	517	519	521	2.0	4.1	1.0	3.4	1.0	3.6
95	518	520	521	2.0	4.1	1.0	3.4	1.0	3.6
96	519	521	522	2.0	4.1	1.0	3.4	1.0	3.6
97	520	522	523	2.0	4.1	1.0	3.4	1.0	3.6
98	521	523	525	2.0	4.1	1.0	3.4	1.0	3.6
99	523	525	527	2.0	4.1	1.0	3.4	1.0	3.6

Language Comprehension Domain Achievement and Growth—Grade K

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	476	477	480	9.6	5.2	6.5	5.2	6.8	4.5
2	477	479	482	9.4	5.2	6.3	5.2	6.4	4.5
3	479	480	484	9.0	5.2	5.8	5.2	6.2	4.5
4	479	481	485	9.0	5.2	5.8	5.2	6.0	4.5
5	480	482	485	8.7	5.2	5.6	5.2	5.7	4.5
6	481	483	486	8.5	5.2	5.4	5.2	5.5	4.5
7	481	483	487	8.5	5.2	5.4	5.2	5.5	4.5
8	482	484	487	8.3	5.2	5.2	5.2	5.3	4.5
9	482	484	488	8.3	5.2	5.2	5.2	5.3	4.5
10	483	485	488	8.1	5.2	4.9	5.2	5.1	4.5
11	483	485	488	8.1	5.2	4.9	5.2	5.1	4.5
12	483	486	489	8.1	5.2	4.9	5.2	4.9	4.5
13	484	486	489	7.9	5.2	4.7	5.2	4.9	4.5
14	484	486	489	7.9	5.2	4.7	5.2	4.9	4.5
15	484	487	490	7.9	5.2	4.7	5.2	4.7	4.5
16	484	487	490	7.9	5.2	4.7	5.2	4.7	4.5
17	485	487	490	7.6	5.2	4.5	5.2	4.7	4.5
18	485	487	491	7.6	5.2	4.5	5.2	4.7	4.5
19	485	488	491	7.6	5.2	4.5	5.2	4.5	4.5
20	485	488	491	7.6	5.2	4.5	5.2	4.5	4.5
21	486	488	491	7.4	5.2	4.3	5.2	4.5	4.5
22	486	489	492	7.4	5.2	4.3	5.2	4.3	4.5
23	486	489	492	7.4	5.2	4.3	5.2	4.3	4.5
24	486	489	492	7.4	5.2	4.3	5.2	4.3	4.5
25	487	489	492	7.2	5.2	4.0	5.2	4.3	4.5
26	487	489	493	7.2	5.2	4.0	5.2	4.3	4.5
27	487	490	493	7.2	5.2	4.0	5.2	4.1	4.5
28	487	490	493	7.2	5.2	4.0	5.2	4.1	4.5
29	487	490	493	7.2	5.2	4.0	5.2	4.1	4.5
30	488	490	494	7.0	5.2	3.8	5.2	4.1	4.5
31	488	491	494	7.0	5.2	3.8	5.2	3.9	4.5
32	488	491	494	7.0	5.2	3.8	5.2	3.9	4.5
33	488	491	494	7.0	5.2	3.8	5.2	3.9	4.5
34	488	491	494	7.0	5.2	3.8	5.2	3.9	4.5
35	488	491	495	7.0	5.2	3.8	5.2	3.9	4.5
36	489	492	495	6.8	5.2	3.6	5.2	3.6	4.5
37	489	492	495	6.8	5.2	3.6	5.2	3.6	4.5
38	489	492	495	6.8	5.2	3.6	5.2	3.6	4.5
39	489	492	495	6.8	5.2	3.6	5.2	3.6	4.5
40	489	492	495	6.8	5.2	3.6	5.2	3.6	4.5
41	490	492	496	6.5	5.2	3.3	5.2	3.6	4.5
42	490	493	496	6.5	5.2	3.3	5.2	3.4	4.5
43	490	493	496	6.5	5.2	3.3	5.2	3.4	4.5

Language Comprehension Domain Achievement and Growth—Grade K

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
44	490	493	496	6.5	5.2	3.3	5.2	3.4	4.5
45	490	493	496	6.5	5.2	3.3	5.2	3.4	4.5
46	490	493	497	6.5	5.2	3.3	5.2	3.4	4.5
47	491	494	497	6.3	5.2	3.1	5.2	3.2	4.5
48	491	494	497	6.3	5.2	3.1	5.2	3.2	4.5
49	491	494	497	6.3	5.2	3.1	5.2	3.2	4.5
50	491	494	497	6.3	5.2	3.1	5.2	3.2	4.5
51	491	494	498	6.3	5.2	3.1	5.2	3.2	4.5
52	491	494	498	6.3	5.2	3.1	5.2	3.2	4.5
53	492	495	498	6.1	5.2	2.9	5.2	3.0	4.5
54	492	495	498	6.1	5.2	2.9	5.2	3.0	4.5
55	492	495	498	6.1	5.2	2.9	5.2	3.0	4.5
56	492	495	498	6.1	5.2	2.9	5.2	3.0	4.5
57	492	495	499	6.1	5.2	2.9	5.2	3.0	4.5
58	492	496	499	6.1	5.2	2.9	5.2	2.8	4.5
59	493	496	499	5.9	5.2	2.7	5.2	2.8	4.5
60	493	496	499	5.9	5.2	2.7	5.2	2.8	4.5
61	493	496	499	5.9	5.2	2.7	5.2	2.8	4.5
62	493	496	500	5.9	5.2	2.7	5.2	2.8	4.5
63	493	497	500	5.9	5.2	2.7	5.2	2.6	4.5
64	493	497	500	5.9	5.2	2.7	5.2	2.6	4.5
65	494	497	500	5.6	5.2	2.4	5.2	2.6	4.5
66	494	497	500	5.6	5.2	2.4	5.2	2.6	4.5
67	494	497	501	5.6	5.2	2.4	5.2	2.6	4.5
68	494	498	501	5.6	5.2	2.4	5.2	2.4	4.5
69	494	498	501	5.6	5.2	2.4	5.2	2.4	4.5
70	494	498	501	5.6	5.2	2.4	5.2	2.4	4.5
71	495	498	501	5.4	5.2	2.2	5.2	2.4	4.5
72	495	498	502	5.4	5.2	2.2	5.2	2.4	4.5
73	495	499	502	5.4	5.2	2.2	5.2	2.2	4.5
74	495	499	502	5.4	5.2	2.2	5.2	2.2	4.5
75	495	499	502	5.4	5.2	2.2	5.2	2.2	4.5
76	496	499	502	5.2	5.2	2.0	5.2	2.2	4.5
77	496	499	503	5.2	5.2	2.0	5.2	2.2	4.5
78	496	500	503	5.2	5.2	2.0	5.2	2.0	4.5
79	496	500	503	5.2	5.2	2.0	5.2	2.0	4.5
80	497	500	503	5.0	5.2	1.7	5.2	2.0	4.5
81	497	501	504	5.0	5.2	1.7	5.2	1.8	4.5
82	497	501	504	5.0	5.2	1.7	5.2	1.8	4.5
83	497	501	504	5.0	5.2	1.7	5.2	1.8	4.5
84	498	501	505	4.8	5.2	1.5	5.2	1.8	4.5
85	498	502	505	4.8	5.2	1.5	5.2	1.5	4.5
86	498	502	505	4.8	5.2	1.5	5.2	1.5	4.5

Language Comprehension Domain Achievement and Growth—Grade K

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
87	498	502	506	4.8	5.2	1.5	5.2	1.5	4.5
88	499	503	506	4.5	5.2	1.3	5.2	1.3	4.5
89	499	503	506	4.5	5.2	1.3	5.2	1.3	4.5
90	499	503	507	4.5	5.2	1.3	5.2	1.3	4.5
91	500	504	507	4.3	5.2	1.1	5.2	1.1	4.5
92	500	504	508	4.3	5.2	1.1	5.2	1.1	4.5
93	501	505	508	4.1	5.2	1.0	5.2	1.0	4.5
94	501	505	509	4.1	5.2	1.0	5.2	1.0	4.5
95	502	506	509	3.9	5.2	1.0	5.2	1.0	4.5
96	503	507	510	3.7	5.2	1.0	5.2	1.0	4.5
97	503	508	511	3.7	5.2	1.0	5.2	1.0	4.5
98	505	509	512	3.2	5.2	1.0	5.2	1.0	4.5
99	506	511	514	3.0	5.2	1.0	5.2	1.0	4.5

Language Comprehension Domain Achievement and Growth—Grade 1

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	480	483	485	9.3	4.9	6.7	4.7	4.9	3.9
2	482	485	487	8.8	4.9	6.3	4.7	4.5	3.9
3	483	486	488	8.5	4.9	6.0	4.7	4.4	3.9
4	484	487	489	8.2	4.9	5.8	4.7	4.2	3.9
5	485	488	490	8.0	4.9	5.5	4.7	4.0	3.9
6	486	489	491	7.7	4.9	5.3	4.7	3.8	3.9
7	486	489	491	7.7	4.9	5.3	4.7	3.8	3.9
8	487	490	492	7.4	4.9	5.1	4.7	3.7	3.9
9	487	490	492	7.4	4.9	5.1	4.7	3.7	3.9
10	488	491	493	7.1	4.9	4.8	4.7	3.5	3.9
11	488	491	493	7.1	4.9	4.8	4.7	3.5	3.9
12	489	491	493	6.9	4.9	4.6	4.7	3.5	3.9
13	489	492	494	6.9	4.9	4.6	4.7	3.3	3.9
14	489	492	494	6.9	4.9	4.6	4.7	3.3	3.9
15	490	492	494	6.6	4.9	4.3	4.7	3.3	3.9
16	490	493	495	6.6	4.9	4.3	4.7	3.2	3.9
17	490	493	495	6.6	4.9	4.3	4.7	3.2	3.9
18	491	493	495	6.3	4.9	4.1	4.7	3.2	3.9
19	491	493	496	6.3	4.9	4.1	4.7	3.2	3.9
20	491	494	496	6.3	4.9	4.1	4.7	3.0	3.9
21	491	494	496	6.3	4.9	4.1	4.7	3.0	3.9
22	492	494	496	6.0	4.9	3.9	4.7	3.0	3.9
23	492	495	497	6.0	4.9	3.9	4.7	2.8	3.9
24	492	495	497	6.0	4.9	3.9	4.7	2.8	3.9
25	492	495	497	6.0	4.9	3.9	4.7	2.8	3.9
26	493	495	497	5.8	4.9	3.6	4.7	2.8	3.9
27	493	495	497	5.8	4.9	3.6	4.7	2.8	3.9
28	493	496	498	5.8	4.9	3.6	4.7	2.7	3.9
29	493	496	498	5.8	4.9	3.6	4.7	2.7	3.9
30	493	496	498	5.8	4.9	3.6	4.7	2.7	3.9
31	494	496	498	5.5	4.9	3.4	4.7	2.7	3.9
32	494	497	499	5.5	4.9	3.4	4.7	2.5	3.9
33	494	497	499	5.5	4.9	3.4	4.7	2.5	3.9
34	494	497	499	5.5	4.9	3.4	4.7	2.5	3.9
35	495	497	499	5.2	4.9	3.1	4.7	2.5	3.9
36	495	497	499	5.2	4.9	3.1	4.7	2.5	3.9
37	495	498	500	5.2	4.9	3.1	4.7	2.3	3.9
38	495	498	500	5.2	4.9	3.1	4.7	2.3	3.9
39	495	498	500	5.2	4.9	3.1	4.7	2.3	3.9
40	495	498	500	5.2	4.9	3.1	4.7	2.3	3.9
41	496	498	500	4.9	4.9	2.9	4.7	2.3	3.9
42	496	498	500	4.9	4.9	2.9	4.7	2.3	3.9
43	496	499	501	4.9	4.9	2.9	4.7	2.1	3.9

Language Comprehension Domain Achievement and Growth—Grade 1

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
44	496	499	501	4.9	4.9	2.9	4.7	2.1	3.9
45	496	499	501	4.9	4.9	2.9	4.7	2.1	3.9
46	497	499	501	4.7	4.9	2.7	4.7	2.1	3.9
47	497	499	501	4.7	4.9	2.7	4.7	2.1	3.9
48	497	500	502	4.7	4.9	2.7	4.7	2.0	3.9
49	497	500	502	4.7	4.9	2.7	4.7	2.0	3.9
50	497	500	502	4.7	4.9	2.7	4.7	2.0	3.9
51	498	500	502	4.4	4.9	2.4	4.7	2.0	3.9
52	498	500	502	4.4	4.9	2.4	4.7	2.0	3.9
53	498	500	502	4.4	4.9	2.4	4.7	2.0	3.9
54	498	501	503	4.4	4.9	2.4	4.7	1.8	3.9
55	498	501	503	4.4	4.9	2.4	4.7	1.8	3.9
56	498	501	503	4.4	4.9	2.4	4.7	1.8	3.9
57	499	501	503	4.1	4.9	2.2	4.7	1.8	3.9
58	499	501	503	4.1	4.9	2.2	4.7	1.8	3.9
59	499	502	504	4.1	4.9	2.2	4.7	1.6	3.9
60	499	502	504	4.1	4.9	2.2	4.7	1.6	3.9
61	499	502	504	4.1	4.9	2.2	4.7	1.6	3.9
62	500	502	504	3.8	4.9	2.0	4.7	1.6	3.9
63	500	502	504	3.8	4.9	2.0	4.7	1.6	3.9
64	500	503	505	3.8	4.9	2.0	4.7	1.5	3.9
65	500	503	505	3.8	4.9	2.0	4.7	1.5	3.9
66	500	503	505	3.8	4.9	2.0	4.7	1.5	3.9
67	501	503	505	3.6	4.9	1.7	4.7	1.5	3.9
68	501	503	505	3.6	4.9	1.7	4.7	1.5	3.9
69	501	504	506	3.6	4.9	1.7	4.7	1.3	3.9
70	501	504	506	3.6	4.9	1.7	4.7	1.3	3.9
71	501	504	506	3.6	4.9	1.7	4.7	1.3	3.9
72	502	504	506	3.3	4.9	1.5	4.7	1.3	3.9
73	502	504	506	3.3	4.9	1.5	4.7	1.3	3.9
74	502	505	507	3.3	4.9	1.5	4.7	1.1	3.9
75	502	505	507	3.3	4.9	1.5	4.7	1.1	3.9
76	503	505	507	3.0	4.9	1.2	4.7	1.1	3.9
77	503	505	507	3.0	4.9	1.2	4.7	1.1	3.9
78	503	506	507	3.0	4.9	1.2	4.7	1.0	3.9
79	503	506	508	3.0	4.9	1.2	4.7	1.0	3.9
80	504	506	508	2.7	4.9	1.0	4.7	1.0	3.9
81	504	506	508	2.7	4.9	1.0	4.7	1.0	3.9
82	504	507	509	2.7	4.9	1.0	4.7	1.0	3.9
83	504	507	509	2.7	4.9	1.0	4.7	1.0	3.9
84	505	507	509	2.5	4.9	1.0	4.7	1.0	3.9
85	505	508	509	2.5	4.9	1.0	4.7	1.0	3.9
86	505	508	510	2.5	4.9	1.0	4.7	1.0	3.9

Language Comprehension Domain Achievement and Growth—Grade 1

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
87	506	508	510	2.2	4.9	1.0	4.7	1.0	3.9
88	506	509	510	2.2	4.9	1.0	4.7	1.0	3.9
89	506	509	511	2.2	4.9	1.0	4.7	1.0	3.9
90	507	509	511	2.0	4.9	1.0	4.7	1.0	3.9
91	507	510	512	2.0	4.9	1.0	4.7	1.0	3.9
92	508	510	512	2.0	4.9	1.0	4.7	1.0	3.9
93	508	511	513	2.0	4.9	1.0	4.7	1.0	3.9
94	509	511	513	2.0	4.9	1.0	4.7	1.0	3.9
95	509	512	514	2.0	4.9	1.0	4.7	1.0	3.9
96	510	513	515	2.0	4.9	1.0	4.7	1.0	3.9
97	511	514	516	2.0	4.9	1.0	4.7	1.0	3.9
98	512	515	517	2.0	4.9	1.0	4.7	1.0	3.9
99	515	517	519	2.0	4.9	1.0	4.7	1.0	3.9

Language Comprehension Domain Achievement and Growth—Grade 2

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	484	485	486	5.8	4.7	4.3	4.6	3.8	3.9
2	486	487	488	5.4	4.7	4.0	4.6	3.5	3.9
3	487	488	489	5.3	4.7	3.8	4.6	3.4	3.9
4	488	489	490	5.1	4.7	3.6	4.6	3.2	3.9
5	489	490	491	4.9	4.7	3.5	4.6	3.1	3.9
6	490	491	492	4.7	4.7	3.3	4.6	3.0	3.9
7	490	491	492	4.7	4.7	3.3	4.6	3.0	3.9
8	491	492	493	4.5	4.7	3.1	4.6	2.8	3.9
9	491	492	493	4.5	4.7	3.1	4.6	2.8	3.9
10	492	493	494	4.4	4.7	2.9	4.6	2.7	3.9
11	492	493	494	4.4	4.7	2.9	4.6	2.7	3.9
12	492	493	495	4.4	4.7	2.9	4.6	2.7	3.9
13	493	494	495	4.2	4.7	2.8	4.6	2.5	3.9
14	493	494	495	4.2	4.7	2.8	4.6	2.5	3.9
15	493	494	496	4.2	4.7	2.8	4.6	2.5	3.9
16	494	495	496	4.0	4.7	2.6	4.6	2.4	3.9
17	494	495	496	4.0	4.7	2.6	4.6	2.4	3.9
18	494	495	497	4.0	4.7	2.6	4.6	2.4	3.9
19	494	496	497	4.0	4.7	2.6	4.6	2.2	3.9
20	495	496	497	3.8	4.7	2.4	4.6	2.2	3.9
21	495	496	497	3.8	4.7	2.4	4.6	2.2	3.9
22	495	496	498	3.8	4.7	2.4	4.6	2.2	3.9
23	495	497	498	3.8	4.7	2.4	4.6	2.1	3.9
24	496	497	498	3.7	4.7	2.2	4.6	2.1	3.9
25	496	497	498	3.7	4.7	2.2	4.6	2.1	3.9
26	496	497	499	3.7	4.7	2.2	4.6	2.1	3.9
27	496	498	499	3.7	4.7	2.2	4.6	2.0	3.9
28	497	498	499	3.5	4.7	2.1	4.6	2.0	3.9
29	497	498	499	3.5	4.7	2.1	4.6	2.0	3.9
30	497	498	500	3.5	4.7	2.1	4.6	2.0	3.9
31	497	498	500	3.5	4.7	2.1	4.6	2.0	3.9
32	497	499	500	3.5	4.7	2.1	4.6	1.8	3.9
33	498	499	500	3.3	4.7	1.9	4.6	1.8	3.9
34	498	499	500	3.3	4.7	1.9	4.6	1.8	3.9
35	498	499	501	3.3	4.7	1.9	4.6	1.8	3.9
36	498	499	501	3.3	4.7	1.9	4.6	1.8	3.9
37	498	500	501	3.3	4.7	1.9	4.6	1.7	3.9
38	499	500	501	3.1	4.7	1.7	4.6	1.7	3.9
39	499	500	501	3.1	4.7	1.7	4.6	1.7	3.9
40	499	500	502	3.1	4.7	1.7	4.6	1.7	3.9
41	499	500	502	3.1	4.7	1.7	4.6	1.7	3.9
42	499	501	502	3.1	4.7	1.7	4.6	1.5	3.9
43	499	501	502	3.1	4.7	1.7	4.6	1.5	3.9

Language Comprehension Domain Achievement and Growth—Grade 2

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
44	500	501	502	2.9	4.7	1.6	4.6	1.5	3.9
45	500	501	503	2.9	4.7	1.6	4.6	1.5	3.9
46	500	501	503	2.9	4.7	1.6	4.6	1.5	3.9
47	500	502	503	2.9	4.7	1.6	4.6	1.4	3.9
48	500	502	503	2.9	4.7	1.6	4.6	1.4	3.9
49	501	502	503	2.8	4.7	1.4	4.6	1.4	3.9
50	501	502	504	2.8	4.7	1.4	4.6	1.4	3.9
51	501	502	504	2.8	4.7	1.4	4.6	1.4	3.9
52	501	503	504	2.8	4.7	1.4	4.6	1.2	3.9
53	501	503	504	2.8	4.7	1.4	4.6	1.2	3.9
54	501	503	504	2.8	4.7	1.4	4.6	1.2	3.9
55	502	503	504	2.6	4.7	1.2	4.6	1.2	3.9
56	502	503	505	2.6	4.7	1.2	4.6	1.2	3.9
57	502	503	505	2.6	4.7	1.2	4.6	1.2	3.9
58	502	504	505	2.6	4.7	1.2	4.6	1.1	3.9
59	502	504	505	2.6	4.7	1.2	4.6	1.1	3.9
60	503	504	505	2.4	4.7	1.0	4.6	1.1	3.9
61	503	504	506	2.4	4.7	1.0	4.6	1.1	3.9
62	503	504	506	2.4	4.7	1.0	4.6	1.1	3.9
63	503	505	506	2.4	4.7	1.0	4.6	1.0	3.9
64	503	505	506	2.4	4.7	1.0	4.6	1.0	3.9
65	503	505	506	2.4	4.7	1.0	4.6	1.0	3.9
66	504	505	507	2.2	4.7	1.0	4.6	1.0	3.9
67	504	505	507	2.2	4.7	1.0	4.6	1.0	3.9
68	504	506	507	2.2	4.7	1.0	4.6	1.0	3.9
69	504	506	507	2.2	4.7	1.0	4.6	1.0	3.9
70	504	506	507	2.2	4.7	1.0	4.6	1.0	3.9
71	505	506	508	2.0	4.7	1.0	4.6	1.0	3.9
72	505	507	508	2.0	4.7	1.0	4.6	1.0	3.9
73	505	507	508	2.0	4.7	1.0	4.6	1.0	3.9
74	505	507	508	2.0	4.7	1.0	4.6	1.0	3.9
75	506	507	509	2.0	4.7	1.0	4.6	1.0	3.9
76	506	507	509	2.0	4.7	1.0	4.6	1.0	3.9
77	506	508	509	2.0	4.7	1.0	4.6	1.0	3.9
78	506	508	509	2.0	4.7	1.0	4.6	1.0	3.9
79	506	508	510	2.0	4.7	1.0	4.6	1.0	3.9
80	507	508	510	2.0	4.7	1.0	4.6	1.0	3.9
81	507	509	510	2.0	4.7	1.0	4.6	1.0	3.9
82	507	509	510	2.0	4.7	1.0	4.6	1.0	3.9
83	508	509	511	2.0	4.7	1.0	4.6	1.0	3.9
84	508	510	511	2.0	4.7	1.0	4.6	1.0	3.9
85	508	510	511	2.0	4.7	1.0	4.6	1.0	3.9
86	508	510	512	2.0	4.7	1.0	4.6	1.0	3.9

Language Comprehension Domain Achievement and Growth—Grade 2

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
87	509	511	512	2.0	4.7	1.0	4.6	1.0	3.9
88	509	511	512	2.0	4.7	1.0	4.6	1.0	3.9
89	509	511	513	2.0	4.7	1.0	4.6	1.0	3.9
90	510	512	513	2.0	4.7	1.0	4.6	1.0	3.9
91	510	512	514	2.0	4.7	1.0	4.6	1.0	3.9
92	511	513	514	2.0	4.7	1.0	4.6	1.0	3.9
93	511	513	515	2.0	4.7	1.0	4.6	1.0	3.9
94	512	514	515	2.0	4.7	1.0	4.6	1.0	3.9
95	512	514	516	2.0	4.7	1.0	4.6	1.0	3.9
96	513	515	517	2.0	4.7	1.0	4.6	1.0	3.9
97	514	516	518	2.0	4.7	1.0	4.6	1.0	3.9
98	515	518	519	2.0	4.7	1.0	4.6	1.0	3.9
99	517	520	521	2.0	4.7	1.0	4.6	1.0	3.9

Language Comprehension Domain Achievement and Growth—Grade 3

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
1	484	486	484	4.2	5.1	3.9	4.0	2.3	4.7
2	486	488	487	4.0	5.1	3.6	4.0	2.1	4.7
3	488	489	488	3.7	5.1	3.3	4.0	2.0	4.7
4	489	490	489	3.5	5.1	3.1	4.0	1.9	4.7
5	490	491	490	3.4	5.1	2.9	4.0	1.8	4.7
6	490	491	491	3.4	5.1	2.9	4.0	1.8	4.7
7	491	492	491	3.2	5.1	2.8	4.0	1.7	4.7
8	491	493	492	3.2	5.1	2.8	4.0	1.6	4.7
9	492	493	493	3.1	5.1	2.6	4.0	1.6	4.7
10	492	493	493	3.1	5.1	2.6	4.0	1.6	4.7
11	493	494	494	2.9	5.1	2.5	4.0	1.5	4.7
12	493	494	494	2.9	5.1	2.5	4.0	1.5	4.7
13	494	495	494	2.8	5.1	2.3	4.0	1.3	4.7
14	494	495	495	2.8	5.1	2.3	4.0	1.3	4.7
15	494	495	495	2.8	5.1	2.3	4.0	1.3	4.7
16	495	496	495	2.6	5.1	2.2	4.0	1.2	4.7
17	495	496	496	2.6	5.1	2.2	4.0	1.2	4.7
18	495	496	496	2.6	5.1	2.2	4.0	1.2	4.7
19	495	497	496	2.6	5.1	2.2	4.0	1.1	4.7
20	496	497	497	2.5	5.1	2.0	4.0	1.1	4.7
21	496	497	497	2.5	5.1	2.0	4.0	1.1	4.7
22	496	497	497	2.5	5.1	2.0	4.0	1.1	4.7
23	496	498	498	2.5	5.1	2.0	4.0	1.0	4.7
24	497	498	498	2.3	5.1	1.9	4.0	1.0	4.7
25	497	498	498	2.3	5.1	1.9	4.0	1.0	4.7
26	497	498	498	2.3	5.1	1.9	4.0	1.0	4.7
27	497	499	499	2.3	5.1	1.9	4.0	1.0	4.7
28	498	499	499	2.2	5.1	1.7	4.0	1.0	4.7
29	498	499	499	2.2	5.1	1.7	4.0	1.0	4.7
30	498	499	499	2.2	5.1	1.7	4.0	1.0	4.7
31	498	499	500	2.2	5.1	1.7	4.0	1.0	4.7
32	499	500	500	2.1	5.1	1.6	4.0	1.0	4.7
33	499	500	500	2.1	5.1	1.6	4.0	1.0	4.7
34	499	500	500	2.1	5.1	1.6	4.0	1.0	4.7
35	499	500	500	2.1	5.1	1.6	4.0	1.0	4.7
36	499	500	501	2.1	5.1	1.6	4.0	1.0	4.7
37	500	501	501	2.0	5.1	1.4	4.0	1.0	4.7
38	500	501	501	2.0	5.1	1.4	4.0	1.0	4.7
39	500	501	501	2.0	5.1	1.4	4.0	1.0	4.7
40	500	501	502	2.0	5.1	1.4	4.0	1.0	4.7
41	500	501	502	2.0	5.1	1.4	4.0	1.0	4.7
42	501	502	502	2.0	5.1	1.3	4.0	1.0	4.7
43	501	502	502	2.0	5.1	1.3	4.0	1.0	4.7

Language Comprehension Domain Achievement and Growth—Grade 3

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
44	501	502	502	2.0	5.1	1.3	4.0	1.0	4.7
45	501	502	503	2.0	5.1	1.3	4.0	1.0	4.7
46	501	502	503	2.0	5.1	1.3	4.0	1.0	4.7
47	501	503	503	2.0	5.1	1.3	4.0	1.0	4.7
48	502	503	503	2.0	5.1	1.1	4.0	1.0	4.7
49	502	503	503	2.0	5.1	1.1	4.0	1.0	4.7
50	502	503	504	2.0	5.1	1.1	4.0	1.0	4.7
51	502	503	504	2.0	5.1	1.1	4.0	1.0	4.7
52	502	504	504	2.0	5.1	1.1	4.0	1.0	4.7
53	503	504	504	2.0	5.1	1.0	4.0	1.0	4.7
54	503	504	504	2.0	5.1	1.0	4.0	1.0	4.7
55	503	504	505	2.0	5.1	1.0	4.0	1.0	4.7
56	503	504	505	2.0	5.1	1.0	4.0	1.0	4.7
57	503	505	505	2.0	5.1	1.0	4.0	1.0	4.7
58	504	505	505	2.0	5.1	1.0	4.0	1.0	4.7
59	504	505	506	2.0	5.1	1.0	4.0	1.0	4.7
60	504	505	506	2.0	5.1	1.0	4.0	1.0	4.7
61	504	505	506	2.0	5.1	1.0	4.0	1.0	4.7
62	504	505	506	2.0	5.1	1.0	4.0	1.0	4.7
63	505	506	506	2.0	5.1	1.0	4.0	1.0	4.7
64	505	506	507	2.0	5.1	1.0	4.0	1.0	4.7
65	505	506	507	2.0	5.1	1.0	4.0	1.0	4.7
66	505	506	507	2.0	5.1	1.0	4.0	1.0	4.7
67	505	506	507	2.0	5.1	1.0	4.0	1.0	4.7
68	506	507	508	2.0	5.1	1.0	4.0	1.0	4.7
69	506	507	508	2.0	5.1	1.0	4.0	1.0	4.7
70	506	507	508	2.0	5.1	1.0	4.0	1.0	4.7
71	506	507	508	2.0	5.1	1.0	4.0	1.0	4.7
72	506	508	508	2.0	5.1	1.0	4.0	1.0	4.7
73	507	508	509	2.0	5.1	1.0	4.0	1.0	4.7
74	507	508	509	2.0	5.1	1.0	4.0	1.0	4.7
75	507	508	509	2.0	5.1	1.0	4.0	1.0	4.7
76	507	509	509	2.0	5.1	1.0	4.0	1.0	4.7
77	508	509	510	2.0	5.1	1.0	4.0	1.0	4.7
78	508	509	510	2.0	5.1	1.0	4.0	1.0	4.7
79	508	509	510	2.0	5.1	1.0	4.0	1.0	4.7
80	508	510	511	2.0	5.1	1.0	4.0	1.0	4.7
81	509	510	511	2.0	5.1	1.0	4.0	1.0	4.7
82	509	510	511	2.0	5.1	1.0	4.0	1.0	4.7
83	509	510	512	2.0	5.1	1.0	4.0	1.0	4.7
84	510	511	512	2.0	5.1	1.0	4.0	1.0	4.7
85	510	511	512	2.0	5.1	1.0	4.0	1.0	4.7
86	510	511	513	2.0	5.1	1.0	4.0	1.0	4.7

Language Comprehension Domain Achievement and Growth—Grade 3

Percentile	TERM			FALL-SPRING COND. GROWTH		FALL-WINTER COND. GROWTH		WINTER-SPRING COND. GROWTH	
	Fall	Winter	Spring	Mean	SD	Mean	SD	Mean	SD
87	511	512	513	2.0	5.1	1.0	4.0	1.0	4.7
88	511	512	513	2.0	5.1	1.0	4.0	1.0	4.7
89	511	512	514	2.0	5.1	1.0	4.0	1.0	4.7
90	512	513	514	2.0	5.1	1.0	4.0	1.0	4.7
91	512	513	515	2.0	5.1	1.0	4.0	1.0	4.7
92	513	514	515	2.0	5.1	1.0	4.0	1.0	4.7
93	513	514	516	2.0	5.1	1.0	4.0	1.0	4.7
94	514	515	516	2.0	5.1	1.0	4.0	1.0	4.7
95	515	516	517	2.0	5.1	1.0	4.0	1.0	4.7
96	515	516	518	2.0	5.1	1.0	4.0	1.0	4.7
97	516	517	519	2.0	5.1	1.0	4.0	1.0	4.7
98	518	519	521	2.0	5.1	1.0	4.0	1.0	4.7
99	520	521	523	2.0	5.1	1.0	4.0	1.0	4.7



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