



NWEA 2020 MAP Growth Achievement Status and Growth Norms Tables for Students and Schools

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NWEA 2020 MAP Growth

Achievement Status and Growth Norms Tables for Students and Schools

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Achievement Status and Growth Norms Tables for Students and Schools

The purpose of this document is to present the new 2020 NWEA™ MAP Growth® achievement status and growth norms tables for students and schools. The full norms report will be available in Summer 2020.

MAP Growth norms provide comparative information about achievement and growth from carefully defined reference populations, allowing educators to compare achievement status, and changes in achievement status (growth) between test occasions, with students attending the same grade at comparable instructional stages of the school year. For achievement status norms, a student's Rasch Unit (RIT) score is associated with a percentile that shows how well the student performed on a test compared to student peers in the norming group. The relative evaluation of a student's growth from one period to another (e.g., from fall to spring) is provided by growth norms.

MAP Growth norms are distinctive in several ways. For most educational assessments, students are examined in a single test administration throughout the school year. Achievement norms produced from these types of assessments enable educators to evaluate the relative standing of students for a given population for each corresponding test administration by grade and academic content area. These norms have three basic properties. First, they presume that students are maximally engaged when they take their tests and that their results are all uniformly valid. Failure of this assumption generally underestimates how well students actually performed. Second, normative comparisons in such a setting are demonstrably fair because testing all students at the same instance and under standardized conditions results in an accurate reflection of how well each student performed given the same level of instructional input. Third, norms tables for such assessments typically consist of a finite, and usually small, number of score-to-percentile tables specific to content area and grade.

In contrast, the target population for the MAP Growth norms does not assume that students are all maximally engaged at testing. Only test scores of test-engaged students attending a U.S. public school from Fall 2015 through Spring 2018 are employed. Next, NWEA partners administer MAP Growth assessments without a fixed, common testing date for all students. For example, a significant proportion of tests administered during spring testing are distributed over a five-week period between April and May each year. As a result, students who tested during the same school term do not typically possess the same level of instructional exposure when they take MAP Growth, and their results cannot be compared directly with one another. This implies that a fair normative comparison of students on their MAP Growth scores requires calibrating a measure of instructional input that addresses the variation in partners testing schedules. MAP Growth norms may then be constructed that reflect performance commensurate with the student's instructional exposure based on the date of her test and the unique testing schedule of the district. When

Table 1: 2020 RIT Norms Content Area Coverage

Content Area	Grade												
	K	1	2	3	4	5	6	7	8	9	10	11	12
Reading	△	△	△	△	△	△	△	△	△	△	△	△	△
Language Usage			△	△	△	△	△	△	△	△	△	△	
Mathematics	△	△	△	△	△	△	△	△	△	△	△	△	△
Science			△	△	△	△	△	△	△	△	△		

△ Status and Growth Norms

successful, this effort supports sets of norms specific to each reasonable level of instruction exposure. The number of days of instruction counted from the beginning of the school year to the date of testing is deployed as the proxy for the magnitude of instructional exposure¹. Lastly, the result for MAP Growth is an infinitely large set of *continuous time achievement norms*, each corresponding to the performance of students with a specific number of instructional weeks. Only a small fraction of the potentially large number of tables, which are most frequently accessed by NWEA MAP Growth partners, is presented in this report.

Despite the complexities of building norms when students vary in the amount of instructional exposure they received before testing, the MAP Growth norming procedure takes advantage of the joint variation of instructional exposure and scores from individual student longitudinal testing history to estimate the dependence between achievement outcomes and levels of instructional input. This relationship supports constructing norms for fair evaluation of both achievement and growth that are conditional on how well a student performs on their pre-test and how much instructional exposure they have had at their pre- and post-test. The result is an additional set of norms for comparing growth that is specific to a student's starting RIT score and the number of instructional weeks at each test within a grade (or two adjacent grade levels) and content area. Table 1 shows the coverage of the present release of MAP Growth norms. Table 1 shows the coverage of the present release of MAP Growth norms.

In summary, to accommodate the significant variation in instructional exposure and initial performance for all students, grades, and content areas, the set of MAP Growth norms for both achievement status and growth can be very large. MAP Growth data also support the construction of a parallel set of norms for school grade levels; a by-product of the multilevel modeling procedure employed to described variation of scores over time for students, who are nested with schools. Because nine terms from up to three consecutive years (and therefore from up to three adjacent grade levels) of student longitudinal data are used to construct the norms for each grade level, the notion of *focal grade* is central to the ways MAP Growth norms are defined. The focal grade is simply the grade level for the 2016-2017 school year. Status norms refer to achievement distributions evaluated at each instructional day or week during 2016-2017.

Table2 shows the relationship between instructional days and weeks to testing seasons for the status and growth norms of focal grade *g*. Only school testing seasons involved in the seven supported growth comparisons are displayed. Even though tailored instructional weeks afford greater precision for each student, only tables for modal instructional weeks in traditional testing terms of fall, winter, and spring

¹ Rather than counting days of instruction, a five-day week is the unit employed instead to measure instructional exposure. Instructional weeks represents the amount of instructional exposure the student has had when tested. Use achievement norms at instructional week = 2 to compare students who have had two weeks of exposure to instruction.

Table 2: Relationship between Data Year, Seasons, Instructional Days and Weeks, and Growth Terms for Focal Grade g Status and Growth Norms

Data & Instructional Calendar					Growth Norms							
Year	Grade	Instructional		Season	Status Norms	L. Spring ¹	Fall	Fall	Fall	Winter	L. Winter	L. Spring
		Days	Weeks			Spring ²	Winter	Spring	N. Fall	Spring	Winter	Fall
2015	$g - 1$	100	20	L. Winter							Start	
2015	$g - 1$	160	32	L. Spring		Start						Start
2016	g	200	40	Fall	Fall		Start	Start	Start			End
2016	g	280	56	Winter	Winter		End			Start	End	
2016	g	340	68	Spring	Spring	End		End		End		
2017	$g + 1$	380	76	N. Fall						End		

For Growth Norms: ¹ Starting Term, ² Ending Term, L=Last, N=Next
 g is focal grade.

are produced here given the space limitations of this document. That is, the tables in Appendix A and Appendix C are for the default instructional weeks most commonly encountered for each term (i.e., Weeks 4, 20, and 32 for fall, winter, and spring, respectively). These values assume a school year with 36 instructional weeks (or 180 days). Therefore, in the tables that present term-to-term growth over a full instructional year (e.g., spring-to-spring), the two terms are separated by 36 instructional weeks. Similarly, fall-to-winter growth, winter-to-spring growth, and fall-to-spring entail growth spans of 16, 12, and 28 instructional weeks, respectively. To the extent that actual interval between testing occasions deviate more than three weeks from the default spans, inferences about the results using the tables provided here should be drawn cautiously. The preferred alternative when exact input values are required is the NWEA reporting system. A further option is to employ specially devised *norms calculators* calculators developed by the NWEA research team to determine norm values for other arbitrary combination of input values for student, or school, starting RIT score, and the instruction week of each testing occasion.

Appendix B provides marginal growth norms by focal grade for relevant growth terms. Appendix D and Appendix E adopt a convention for reporting growth norms that is conditional on starting RIT scores. Starting RIT scores corresponding to 19 evenly spaced quantiles of the pre-test score distribution are employed. The percentiles were selected to detect smaller changes around the center of the distribution relative to those toward the tails. The tables in Appendix E employ a similar convention for *conditional growth percentiles*. When using tables from any of these appendices, it is likely that the exact values of interest will not appear in a table. In these cases, it will be necessary to use some combination of rounding and interpolation. The NWEA reporting system, or the norms calculators, should be employed when exact values are required.

The user should consult Thum and Kuhfeld (2020, forthcoming) for further details.

Appendix A - Student and School Status Norms

This appendix provides the achievement status norms for each content area, grade, and term. Status norms estimates consider the number of instructional weeks preceding a test administration. Table A.1 reports norms for mathematics and reading; Table A.2 reports norms for language usage and science. Within each grade by content area cell cluster, the mean, and standard deviations for schools and for students are presented for each term. The means are the same for both schools and students. The set of three Ns in the last row for each content area and grade cluster represents the number of schools, students, and scores employed in the cluster, respectively, to estimate the achievement and growth norms for the respective grade level.

Table A.1: Mathematics and Reading Achievement Status Norms

Grade	Statistic	Mathematics			Reading		
		Fall	Winter	Spring	Fall	Winter	Spring
K	Mean	139.56	150.13	157.11	136.65	146.28	153.09
	School SD	5.43	5.14	5.15	5.25	5.13	5.30
	Student SD	12.45	11.94	12.03	12.22	11.78	12.06
	Ns*	1459, 132342, 496022			1486, 129949, 485983		
1	Mean	160.05	170.18	176.40	155.93	165.85	171.40
	School SD	5.85	5.94	6.23	5.42	5.88	6.42
	Student SD	12.43	12.59	13.18	12.66	13.21	14.19
	Ns	1476, 140246, 621536			1472, 138757, 583712		
2	Mean	175.04	184.07	189.42	172.35	181.20	185.57
	School SD	5.79	5.95	6.25	6.50	6.76	7.15
	Student SD	12.98	13.01	13.44	15.19	15.05	15.49
	Ns	1462, 138790, 620735			1459, 137614, 557918		
3	Mean	188.48	196.23	201.08	186.62	193.90	197.12
	School SD	5.96	6.24	6.58	7.18	7.10	7.18
	Student SD	13.45	13.64	14.11	16.65	16.14	16.27
	Ns	1468, 142747, 666075			1468, 140619, 544311		
4	Mean	199.55	206.05	210.51	196.67	202.50	204.83
	School SD	6.67	7.00	7.36	7.23	7.10	7.13
	Student SD	14.40	14.90	15.56	16.78	16.25	16.31
	Ns	1458, 140740, 658941			1462, 138134, 512202		
5	Mean	209.13	214.70	218.75	204.48	209.12	210.98
	School SD	7.33	7.84	8.35	7.11	6.99	7.02
	Student SD	15.19	15.88	16.70	16.38	15.88	15.97
	Ns	1435, 160639, 596293			1448, 154667, 433841		
6	Mean	214.75	219.56	222.88	210.17	213.81	215.36
	School SD	7.80	8.15	8.53	7.15	6.99	6.95
	Student SD	16.12	16.74	17.47	16.46	15.98	16.03
	Ns	1451, 161542, 560601			1460, 160884, 404356		
7	Mean	220.21	224.04	226.73	214.20	217.09	218.36
	School SD	8.63	8.92	9.23	7.27	7.15	7.16
	Student SD	17.41	17.96	18.60	16.51	16.21	16.38
	Ns	1483, 206469, 906573			1473, 186943, 565085		
8	Mean	224.92	228.12	230.30	218.01	220.52	221.66
	School SD	9.70	9.89	10.15	7.87	7.74	7.75
	Student SD	18.94	19.33	19.95	17.04	16.69	16.87
	Ns	1451, 223554, 754150			1457, 220164, 510564		
9	Mean	226.43	228.67	230.03	218.90	220.52	221.40
	School SD	9.97	10.02	10.15	9.54	9.35	9.30
	Student SD	19.83	20.06	20.63	19.02	18.73	19.03
	Ns	1424, 235434, 741490			1433, 220861, 514524		
10	Mean	229.07	231.21	232.42	221.47	222.91	223.51
	School SD	10.24	10.37	10.54	8.51	8.37	8.33
	Student SD	20.23	20.61	21.25	17.92	17.81	18.20
	Ns	1422, 224267, 744505			1436, 217444, 494429		
11	Mean	231.72	233.49	234.25	223.53	224.64	224.71
	School SD	10.44	10.53	10.68	8.16	8.17	8.30
	Student SD	20.61	20.91	21.65	17.73	17.80	18.50
	Ns	1412, 185666, 511620			1342, 158978, 310580		
12	Mean	233.02	233.31	234.19	223.80	223.85	224.33
	School SD	11.14	11.34	11.57	9.32	9.70	10.09
	Student SD	21.60	23.07	24.63	19.32	21.21	23.08
	Ns	643, 66485, 145740			515, 46220, 78720		

* Ns indicates the number of schools, students, and scores employed.

Table A.2: Language Usage and Science Achievement Status Norms

Grade	Statistic	Language Usage			Science		
		Fall	Winter	Spring	Fall	Winter	Spring
2	Mean	173.98	183.83	188.40	177.70	184.59	187.87
	School SD	6.55	6.74	7.14	5.93	5.83	5.91
	Student SD	16.06	15.40	15.89	13.43	12.35	12.46
	Ns*	1478, 114348, 342269			1209, 90409, 187626		
3	Mean	187.71	195.14	198.32	187.84	193.29	195.88
	School SD	6.45	6.42	6.52	5.94	5.74	5.82
	Student SD	15.33	14.64	14.65	12.25	11.63	11.76
	Ns	1476, 124130, 459982			1425, 111283, 292535		
4	Mean	197.33	202.87	205.00	194.65	199.15	201.22
	School SD	6.70	6.53	6.50	5.64	5.64	5.79
	Student SD	15.10	14.44	14.33	11.68	11.50	11.75
	Ns	1473, 125619, 471690			1441, 122436, 335119		
5	Mean	204.17	208.45	210.19	200.23	204.30	206.17
	School SD	6.38	6.28	6.29	5.74	5.81	6.03
	Student SD	14.55	13.98	13.90	11.77	11.72	12.12
	Ns	1461, 140348, 443781			1436, 125778, 298495		
6	Mean	209.43	212.81	214.19	203.86	207.26	208.47
	School SD	6.24	6.22	6.26	6.10	6.09	6.25
	Student SD	14.35	13.92	13.94	12.04	12.02	12.41
	Ns	1461, 143122, 433792			1430, 138809, 323685		
7	Mean	212.65	215.28	216.47	206.56	209.50	210.61
	School SD	6.77	6.66	6.64	6.16	6.18	6.34
	Student SD	14.72	14.39	14.42	12.65	12.73	13.17
	Ns	1467, 173660, 620032			1433, 163017, 441932		
8	Mean	215.54	217.73	218.74	209.64	212.41	213.44
	School SD	6.79	6.68	6.66	6.40	6.35	6.48
	Student SD	14.74	14.45	14.56	13.25	13.17	13.64
	Ns	1468, 189733, 544917			1434, 161409, 382719		
9	Mean	216.68	218.18	219.00	211.40	213.42	213.99
	School SD	7.33	7.24	7.24	6.81	6.91	7.15
	Student SD	15.52	15.30	15.51	14.10	14.17	14.72
	Ns	1045, 133799, 416253			449, 42690, 97501		
10	Mean	218.82	220.19	220.86	213.24	214.95	215.29
	School SD	6.72	6.73	6.81	6.95	7.19	7.47
	Student SD	15.10	15.11	15.45	14.26	14.42	15.07
	Ns	1002, 126378, 412808			436, 39821, 101395		
11	Mean	220.66	221.86	222.33			
	School SD	6.53	6.51	6.59			
	Student SD	14.94	14.98	15.53			
	Ns	680, 71998, 201952					

* Ns indicates the number of schools, students, and scores employed.

Appendix B - Student and School Growth Norms

Tables in this appendix provide the term-to-term growth norms for mathematics, reading, language usage and science, respectively. As with status norms, estimates take into account the number of instructional weeks preceding a test administration. For each content area there are two multi-part tables. The first table for a content area (Tables B.1, B.3, B.5, and B.7) provides student growth norms. The second table (Tables B.2, B.4, B.6, and B.8) provides school growth norms. Both sets of tables have an identical layout. The first group of columns from the left, after Grade, provides the estimated mean starting status and standard deviation for the grade level in the starting term indicated (e.g., Last Winter, Last Spring, Fall). The next group of columns to the right (the “To” Term columns), provides the estimated mean growth and standard deviation from the starting term to the indicated ending term. It should be noted that all the means (starting status and growth) in the student table and the corresponding means in the school table are identical within a content area; only the standard deviations differ.

To determine, for example, the normative fall-to-spring growth in mathematics for schools at the grade 3 level, we would learn from Table B.2, under the Fall column, that the mean starting status for grade 3 was 188.48 with a standard deviation of 5.96. Moving from these cells in the same row, we will find under the To Spring column, that the mean grade 3, fall-to-spring growth for schools was 12.60 with a standard deviation of 2.12. If we were also interested in determining the corresponding information from the student table, we would see the same mean growth (12.60) with a standard deviation nearly three times larger (6.26).

Table B.1: Student Mathematics Growth Norms

Status		Growth		Growth		Growth		
Current	Last Win		to Winter					
Grade	Mean	SD	Mean	SD				
1	151.24	12.81	18.94	6.31				
2	169.48	13.35	14.59	6.01				
3	183.80	13.39	12.43	5.72				
4	195.83	13.93	10.22	5.69				
5	205.79	14.97	8.91	5.93				
6	215.05	16.49	4.51	6.07				
7	218.23	17.11	5.80	5.61				
8	223.03	18.12	5.09	6.19				
9	225.13	20.19	3.55	6.48				
10	228.62	19.82	2.59	6.34				
11	231.14	20.16	2.36	6.72				
12	232.50	20.92	0.81	10.71				

Current	Last Spr		to Fall		to Spring			
Grade	Mean	SD	Mean	SD	Mean	SD		
1	158.35	13.93	1.70	8.08	18.05	6.82		
2	175.64	14.05	-0.60	7.72	13.78	6.61		
3	189.50	13.82	-1.02	7.08	11.58	6.36		
4	200.99	14.52	-1.44	6.84	9.52	6.43		
5	210.42	15.77	-1.29	6.91	8.32	6.66		
6	219.07	17.62	-4.32	7.74	3.81	6.83		
7	221.53	18.02	-1.32	6.89	5.20	6.21		
8	225.64	18.87	-0.73	7.06	4.66	7.14		
9	226.62	21.36	-0.18	10.37	3.42	7.71		
10	229.78	20.51	-0.71	7.62	2.64	7.61		
11	232.07	21.01	-0.35	7.89	2.18	8.46		
12	232.93	21.16	0.08	4.77	1.26	10.71		

Current	Fall		to Winter		to Spring		to Next Fall	
Grade	Mean	SD	Mean	SD	Mean	SD	Mean	SD
K	139.56	12.45	10.57	5.15	17.54	6.63	21.95	7.80
1	160.05	12.43	10.13	5.22	16.35	6.81	15.19	7.30
2	175.04	12.98	9.03	5.11	14.38	6.54	13.30	6.51
3	188.48	13.45	7.75	4.99	12.60	6.26	11.42	6.08
4	199.55	14.40	6.50	4.98	10.96	6.24	9.66	5.90
5	209.13	15.19	5.56	5.10	9.61	6.53	5.47	6.20
6	214.75	16.12	4.81	5.04	8.13	6.38	7.24	6.29
7	220.21	17.41	3.83	4.96	6.52	6.18	6.01	5.94
8	224.92	18.94	3.20	5.27	5.38	6.93	3.73	6.82
9	226.43	19.83	2.24	5.48	3.60	7.41	2.82	7.18
10	229.07	20.23	2.14	5.46	3.35	7.37	2.54	6.90
11	231.72	20.61	1.77	5.92	2.52	8.37	1.03	7.60
12	233.02	21.60	0.30	6.09	1.18	8.75		

Current	Winter		to Spring	
Grade	Mean	SD	Mean	SD
K	150.13	11.94	6.97	4.77
1	170.18	12.59	6.22	4.82
2	184.07	13.01	5.35	4.75
3	196.23	13.64	4.85	4.68
4	206.05	14.90	4.46	4.67
5	214.70	15.88	4.05	4.75
6	219.56	16.74	3.32	4.71
7	224.04	17.96	2.69	4.66
8	228.12	19.33	2.18	4.85
9	228.67	20.06	1.36	4.98
10	231.21	20.61	1.21	4.97
11	233.49	20.91	0.76	5.25
12	233.31	23.07	0.88	5.36

Table B.2: School Mathematics Growth Norms

	Status		Growth		Growth		Growth	
Current	Last Win		to Winter					
Grade	Mean	SD	Mean	SD				
1	151.24	5.96	18.94	1.97				
2	169.48	6.08	14.59	1.84				
3	183.80	5.97	12.43	1.68				
4	195.83	6.45	10.22	1.66				
5	205.79	7.16	8.91	1.82				
6	215.05	8.01	4.51	1.89				
7	218.23	8.55	5.80	1.55				
8	223.03	9.22	5.09	1.78				
9	225.13	9.99	3.55	1.55				
10	228.62	10.03	2.59	1.61				
11	231.14	10.29	2.36	1.55				
12	232.50	11.08	0.81	2.75				

Current	Last Spr		to Fall		to Spring			
Grade	Mean	SD	Mean	SD	Mean	SD		
1	158.35	6.41	1.70	3.39	18.05	2.43		
2	175.64	6.63	-0.60	3.21	13.78	2.44		
3	189.50	6.35	-1.02	2.61	11.58	2.22		
4	200.99	6.73	-1.44	2.33	9.52	2.25		
5	210.42	7.60	-1.29	2.24	8.32	2.38		
6	219.07	8.55	-4.32	2.61	3.81	2.44		
7	221.53	8.98	-1.32	2.22	5.20	1.84		
8	225.64	9.56	-0.73	2.18	4.66	2.26		
9	226.62	10.17	-0.18	2.48	3.42	1.83		
10	229.78	10.20	-0.71	1.96	2.64	2.01		
11	232.07	10.55	-0.35	1.83	2.18	1.95		
12	232.93	11.09	0.08	0.61	1.26	2.76		

Current	Fall		to Winter		to Spring		to Next Fall	
Grade	Mean	SD	Mean	SD	Mean	SD	Mean	SD
K	139.56	5.43	10.57	1.36	17.54	2.38	21.95	3.06
1	160.05	5.85	10.13	1.44	16.35	2.52	15.19	2.28
2	175.04	5.79	9.03	1.30	14.38	2.27	13.30	1.74
3	188.48	5.96	7.75	1.21	12.60	2.12	11.42	1.55
4	199.55	6.67	6.50	1.16	10.96	2.02	9.66	1.40
5	209.13	7.33	5.56	1.39	9.61	2.42	5.47	1.84
6	214.75	7.80	4.81	1.28	8.13	2.24	7.24	1.78
7	220.21	8.63	3.83	1.19	6.52	2.08	6.01	1.69
8	224.92	9.70	3.20	1.38	5.38	2.42	3.73	2.04
9	226.43	9.97	2.24	1.10	3.60	1.93	2.82	1.71
10	229.07	10.24	2.14	1.16	3.35	2.02	2.54	1.72
11	231.72	10.44	1.77	1.15	2.52	2.01	1.03	1.88
12	233.02	11.14	0.30	1.23	1.18	2.15		

Current	Winter		to Spring	
Grade	Mean	SD	Mean	SD
K	150.13	5.14	6.97	1.02
1	170.18	5.94	6.22	1.08
2	184.07	5.95	5.35	0.97
3	196.23	6.24	4.85	0.91
4	206.05	7.00	4.46	0.87
5	214.70	7.84	4.05	1.04
6	219.56	8.15	3.32	0.96
7	224.04	8.92	2.69	0.89
8	228.12	9.89	2.18	1.04
9	228.67	10.02	1.36	0.83
10	231.21	10.37	1.21	0.87
11	233.49	10.53	0.76	0.86
12	233.31	11.34	0.88	0.93

Table B.3: Student Reading Growth Norms

Current Grade	Status Last Win		Growth to Winter		Growth to Spring		Growth to Next Fall	
	Mean	SD	Mean	SD	Mean	SD	Mean	SD
1	147.66	12.52	18.19	7.75	17.41	8.32	20.84	8.88
2	165.98	15.24	15.22	7.58	13.98	8.31	16.53	8.94
3	181.26	17.12	12.64	6.89	11.32	7.66	14.47	8.38
4	193.82	17.22	8.67	6.36	8.78	7.71	10.20	7.67
5	202.17	16.68	6.95	6.72	6.39	7.49	7.64	6.97
6	208.83	17.27	4.98	6.76	4.54	7.36	5.83	7.38
7	212.32	17.22	4.77	6.09	4.52	6.92	4.73	7.24
8	216.09	16.86	4.42	6.83	4.22	7.65	4.11	6.55
9	217.21	20.85	3.31	6.99	3.10	8.35	2.71	7.48
10	220.14	18.13	2.77	6.70	11.64	8.99	2.29	7.63
11	222.39	17.87	2.24	7.07	8.99	2.13	1.33	7.18
12	223.79	18.16	0.07	10.83	0.48	10.83	0.10	7.70

Current Grade	Last Spr		to Fall		to Spring		to Next Fall	
	Mean	SD	Mean	SD	Mean	SD	Mean	SD
1	153.99	14.31	1.94	9.31	17.41	8.32	20.84	8.88
2	171.59	16.26	0.76	9.28	13.98	8.31	16.53	8.94
3	185.80	17.59	0.82	8.93	11.32	7.66	14.47	8.38
4	197.12	17.67	-0.45	8.78	8.78	7.71	10.20	7.67
5	204.59	16.98	-0.11	8.61	6.39	7.49	7.64	6.97
6	210.82	17.55	-0.65	8.69	4.54	7.36	5.83	7.38
7	213.84	17.86	0.36	8.71	4.52	6.92	4.73	7.24
8	217.44	17.35	0.57	8.66	4.22	7.65	4.11	6.55
9	218.30	22.08	0.60	11.64	3.10	8.35	2.29	7.63
10	220.80	18.94	0.68	8.99	2.71	8.11	1.33	7.18
11	222.58	18.81	0.95	8.99	2.13	8.76	0.10	7.70
12	223.85	18.67	-0.05	5.15	0.48	10.83	0.10	7.70

Current Grade	Fall		to Winter		to Spring		to Next Fall	
	Mean	SD	Mean	SD	Mean	SD	Mean	SD
K	136.65	12.22	9.63	5.75	16.45	7.50	20.84	8.88
1	155.93	12.66	9.92	5.85	15.47	7.74	16.53	8.94
2	172.35	15.19	8.85	5.86	13.22	7.77	14.47	8.38
3	186.62	16.65	7.28	5.86	10.50	7.77	10.20	7.67
4	196.67	16.78	5.82	5.76	8.16	7.53	7.64	6.97
5	204.48	16.38	4.64	5.75	6.50	7.49	5.83	7.38
6	210.17	16.46	3.64	5.65	5.19	7.26	4.73	7.24
7	214.20	16.51	2.89	5.60	4.16	7.15	4.11	6.55
8	218.01	17.04	2.51	5.73	3.65	7.46	2.71	7.48
9	218.90	19.02	1.62	6.06	2.51	8.22	2.29	7.63
10	221.47	17.92	1.43	5.88	2.04	7.80	1.33	7.18
11	223.53	17.73	1.11	6.27	1.18	8.68	0.10	7.70
12	223.80	19.32	0.05	6.38	0.52	8.92	0.10	7.70

Current Grade	Winter		to Spring	
	Mean	SD	Mean	SD
K	146.28	11.78	6.81	5.30
1	165.85	13.21	5.55	5.37
2	181.20	15.05	4.37	5.37
3	193.90	16.14	3.22	5.37
4	202.50	16.25	2.33	5.31
5	209.12	15.88	1.86	5.30
6	213.81	15.98	1.55	5.24
7	217.09	16.21	1.27	5.21
8	220.52	16.69	1.14	5.29
9	220.52	18.73	0.88	5.50
10	222.91	17.81	0.60	5.38
11	224.64	17.80	0.08	5.62
12	223.85	21.21	0.47	5.70

Table B.4: School Reading Growth Norms

	Status		Growth		Growth		Growth	
Current	Last Win		to Winter					
Grade	Mean	SD	Mean	SD				
1	147.66	5.21	18.19	2.25				
2	165.98	7.04	15.22	2.19				
3	181.26	7.62	12.64	1.80				
4	193.82	7.59	8.67	1.48				
5	202.17	7.30	6.95	1.54				
6	208.83	7.50	4.98	1.71				
7	212.32	7.70	4.77	1.31				
8	216.09	7.84	4.42	1.42				
9	217.21	10.56	3.31	1.87				
10	220.14	8.77	2.77	1.54				
11	222.39	8.67	2.24	1.59				
12	223.79	9.09	0.07	2.95				

Current	Last Spr		to Fall		to Spring			
Grade	Mean	SD	Mean	SD	Mean	SD		
1	153.99	6.20	1.94	3.51	17.41	2.69		
2	171.59	7.89	0.76	3.90	13.98	2.78		
3	185.80	7.95	0.82	2.90	11.32	2.33		
4	197.12	7.83	-0.45	2.89	7.71	2.04		
5	204.59	7.41	-0.11	2.36	6.39	1.99		
6	210.82	7.61	-0.65	2.38	4.54	2.10		
7	213.84	7.91	0.36	2.47	4.52	1.71		
8	217.44	7.99	0.57	2.21	4.22	1.93		
9	218.30	10.74	0.60	3.22	3.10	2.31		
10	220.80	8.89	0.68	2.41	2.71	2.04		
11	222.58	8.96	0.95	2.44	2.13	2.11		
12	223.85	9.20	-0.05	0.66	0.48	2.95		

Current	Fall		to Winter		to Spring		to Next Fall	
Grade	Mean	SD	Mean	SD	Mean	SD	Mean	SD
K	136.65	5.25	9.63	1.43	16.45	2.49	20.84	3.21
1	155.93	5.42	9.92	1.47	15.47	2.57	16.53	2.64
2	172.35	6.50	8.85	1.44	13.22	2.52	14.47	2.18
3	186.62	7.18	7.28	1.23	10.50	2.14	10.20	1.86
4	196.67	7.23	5.82	1.21	8.16	2.11	7.64	1.43
5	204.48	7.11	4.64	1.15	6.50	2.01	5.83	1.66
6	210.17	7.15	3.64	1.02	5.19	1.79	4.73	1.61
7	214.20	7.27	2.89	1.02	4.16	1.78	4.11	1.41
8	218.01	7.87	2.51	1.18	3.65	2.06	2.71	1.64
9	218.90	9.54	1.62	1.16	2.51	2.03	2.29	1.78
10	221.47	8.51	1.43	0.96	2.04	1.68	1.33	1.54
11	223.53	8.16	1.11	1.25	1.18	2.19	0.10	1.63
12	223.80	9.32	0.05	1.31	0.52	2.30		

Current	Winter		to Spring			
Grade	Mean	SD	Mean	SD		
K	146.28	5.13	6.81	1.07		
1	165.85	5.88	5.55	1.10		
2	181.20	6.76	4.37	1.08		
3	193.90	7.10	3.22	0.92		
4	202.50	7.10	2.33	0.91		
5	209.12	6.99	1.86	0.86		
6	213.81	6.99	1.55	0.77		
7	217.09	7.15	1.27	0.76		
8	220.52	7.74	1.14	0.88		
9	220.52	9.35	0.88	0.87		
10	222.91	8.37	0.60	0.72		
11	224.64	8.17	0.08	0.94		
12	223.85	9.70	0.47	1.01		

Table B.5: Student Language Usage Growth Norms

	Status		Growth		Growth		Growth	
Current	Last Win		to Winter					
Grade	Mean	SD	Mean	SD				
3	183.10	16.22	12.04	6.41				
4	194.81	15.62	8.06	5.92				
5	202.59	14.80	5.86	5.92				
6	208.48	14.71	4.33	5.84				
7	211.63	15.04	3.65	5.47				
8	214.53	14.70	3.20	5.83				
9	215.77	16.09	2.41	5.73				
10	218.16	15.03	2.03	5.69				
11	220.02	14.63	1.84	6.09				
Current	Last Spr		to Fall		to Spring			
Grade	Mean	SD	Mean	SD	Mean	SD		
3	187.80	16.61	-0.09	9.00	10.53	7.11		
4	197.85	15.79	-0.52	7.91	7.15	6.56		
5	204.95	14.80	-0.77	7.43	5.24	6.40		
6	210.28	14.85	-0.85	7.65	3.91	6.37		
7	213.06	15.20	-0.41	7.12	3.41	5.99		
8	215.71	14.85	-0.17	6.88	3.04	6.54		
9	216.65	16.75	0.03	8.89	2.36	6.58		
10	218.76	15.45	0.05	7.03	2.09	6.75		
11	220.56	15.05	0.11	7.19	1.77	7.49		
Current	Fall		to Winter		to Spring		to Next Fall	
Grade	Mean	SD	Mean	SD	Mean	SD	Mean	SD
2	173.98	16.06	9.85	6.43	14.41	9.46	14.05	9.01
3	187.71	15.33	7.43	5.48	10.61	7.41	9.65	7.41
4	197.33	15.10	5.54	5.17	7.67	6.69	7.01	6.65
5	204.17	14.55	4.27	5.07	6.02	6.44	5.18	6.64
6	209.43	14.35	3.37	5.04	4.75	6.37	4.10	6.37
7	212.65	14.72	2.63	4.89	3.82	6.00	3.71	5.92
8	215.54	14.74	2.19	5.05	3.21	6.39	2.59	6.52
9	216.68	15.52	1.50	5.17	2.33	6.69	2.29	6.38
10	218.82	15.10	1.37	5.08	2.04	6.46	1.74	6.15
11	220.66	14.94	1.20	5.48	1.67	7.41		
Current	Winter		to Spring					
Grade	Mean	SD	Mean	SD				
2	183.83	15.40	4.57	5.58				
3	195.14	14.64	3.18	4.98				
4	202.87	14.44	2.13	4.79				
5	208.45	13.98	1.74	4.72				
6	212.81	13.92	1.38	4.71				
7	215.28	14.39	1.19	4.62				
8	217.73	14.45	1.01	4.71				
9	218.18	15.30	0.82	4.79				
10	220.19	15.11	0.67	4.73				
11	221.86	14.98	0.47	4.98				

Table B.6: School Language Usage Growth Norms

	Status		Growth		Growth		Growth	
Current	Last Win		to Winter					
Grade	Mean	SD	Mean	SD				
3	183.10	7.05	12.04	1.75				
4	194.81	7.08	8.06	1.48				
5	202.59	6.61	5.86	1.43				
6	208.48	6.57	4.33	1.34				
7	211.63	7.00	3.65	1.26				
8	214.53	6.92	3.20	1.30				
9	215.77	7.57	2.41	1.20				
10	218.16	6.73	2.03	1.17				
11	220.02	6.55	1.84	1.26				

Current	Last Spr		to Fall		to Spring			
Grade	Mean	SD	Mean	SD	Mean	SD		
3	187.80	7.35	-0.09	2.91	10.53	2.25		
4	197.85	7.17	-0.52	2.31	7.15	1.84		
5	204.95	6.61	-0.77	1.90	5.24	1.78		
6	210.28	6.65	-0.85	1.88	3.91	1.64		
7	213.06	7.04	-0.41	1.84	3.41	1.54		
8	215.71	6.94	-0.17	1.37	3.04	1.65		
9	216.65	7.69	0.03	1.99	2.36	1.54		
10	218.76	6.84	0.05	1.77	2.09	1.58		
11	220.56	6.60	0.11	1.76	1.77	1.62		

Current	Fall		to Winter		to Spring		to Next Fall	
Grade	Mean	SD	Mean	SD	Mean	SD	Mean	SD
2	173.98	6.55	9.85	1.65	14.41	2.88	14.05	2.26
3	187.71	6.45	7.43	1.13	10.61	1.97	9.65	1.81
4	197.33	6.70	5.54	1.01	7.67	1.76	7.01	1.63
5	204.17	6.38	4.27	0.92	6.02	1.61	5.18	1.57
6	209.43	6.24	3.37	0.80	4.75	1.40	4.10	1.41
7	212.65	6.77	2.63	0.78	3.82	1.37	3.71	1.27
8	215.54	6.79	2.19	0.86	3.21	1.50	2.59	1.39
9	216.68	7.33	1.50	0.82	2.33	1.43	2.29	1.27
10	218.82	6.72	1.37	0.81	2.04	1.41	1.74	1.15
11	220.66	6.53	1.20	0.97	1.67	1.70		

Current	Winter		to Spring					
Grade	Mean	SD	Mean	SD				
2	183.83	6.74	4.57	1.24				
3	195.14	6.42	3.18	0.84				
4	202.87	6.53	2.13	0.76				
5	208.45	6.28	1.74	0.69				
6	212.81	6.22	1.38	0.60				
7	215.28	6.66	1.19	0.59				
8	217.73	6.68	1.01	0.64				
9	218.18	7.24	0.82	0.61				
10	220.19	6.73	0.67	0.60				
11	221.86	6.51	0.47	0.73				

Table B.7: Student Science Growth Norms

Status		Growth		Growth		Growth		
Current	Last Win		to Winter					
Grade	Mean	SD	Mean	SD				
3	183.13	12.78	10.16	6.71				
4	192.00	11.64	7.14	6.30				
5	198.76	11.79	5.54	6.32				
6	203.42	12.52	3.84	6.56				
7	205.75	12.75	3.75	6.31				
8	209.08	12.81	3.33	6.70				
9	210.55	14.73	2.86	6.77				
10	212.73	14.10	2.22	6.69				

Current	Last Spr		to Fall		to Spring	
Grade	Mean	SD	Mean	SD	Mean	SD
3	186.39	13.40	1.45	10.21	9.49	7.48
4	194.19	12.12	0.46	8.26	7.03	6.92
5	200.94	12.42	-0.72	8.26	5.23	6.95
6	204.87	13.32	-1.01	8.61	3.59	7.12
7	206.86	13.55	-0.30	8.53	3.75	6.99
8	209.89	13.53	-0.24	8.50	3.55	7.68
9	211.05	16.42	0.35	10.76	2.94	7.82
10	212.99	15.45	0.24	9.46	2.29	8.21

Current	Fall		to Winter		to Spring		to Next Fall	
Grade	Mean	SD	Mean	SD	Mean	SD	Mean	SD
2	177.70	13.43	6.88	6.74	10.17	9.09	10.55	8.78
3	187.84	12.25	5.45	6.17	8.04	7.75	7.63	7.74
4	194.65	11.68	4.50	5.84	6.57	6.93	6.36	6.67
5	200.23	11.77	4.08	5.95	5.95	7.21	3.90	6.62
6	203.86	12.04	3.40	5.91	4.61	7.10	3.47	6.87
7	206.56	12.65	2.94	5.93	4.05	7.15	3.26	6.56
8	209.64	13.25	2.77	6.19	3.79	7.80	2.41	7.21
9	211.40	14.10	2.02	6.19	2.59	7.80	1.70	6.97
10	213.24	14.26	1.72	6.27	2.05	7.99		

Current	Winter		to Spring	
Grade	Mean	SD	Mean	SD
2	184.59	12.35	3.29	6.13
3	193.29	11.63	2.59	5.78
4	199.15	11.50	2.07	5.58
5	204.30	11.72	1.87	5.65
6	207.26	12.02	1.21	5.62
7	209.50	12.73	1.11	5.63
8	212.41	13.17	1.03	5.79
9	213.42	14.17	0.57	5.79
10	214.95	14.42	0.34	5.84

Table B.8: School Science Growth Norms

	Status		Growth		Growth		Growth	
Current	Last Win		to Winter					
Grade	Mean	SD	Mean	SD				
3	183.13	6.06	10.16	1.75				
4	192.00	5.68	7.14	1.68				
5	198.76	5.78	5.54	1.67				
6	203.42	6.49	3.84	1.82				
7	205.75	6.16	3.75	1.57				
8	209.08	6.23	3.33	1.54				
9	210.55	6.95	2.86	1.76				
10	212.73	6.78	2.22	1.39				
Current	Last Spr		to Fall		to Spring			
Grade	Mean	SD	Mean	SD	Mean	SD		
3	186.39	6.38	1.45	4.08	9.49	2.45		
4	194.19	6.02	0.46	3.32	7.03	2.34		
5	200.94	6.09	-0.72	2.78	5.23	2.51		
6	204.87	6.93	-1.01	2.83	3.59	2.31		
7	206.86	6.38	-0.30	2.79	3.75	2.19		
8	209.89	6.46	-0.24	2.34	3.55	2.21		
9	211.05	7.55	0.35	3.54	2.94	2.38		
10	212.99	7.08	0.24	2.23	2.29	2.15		
Current	Fall		to Winter		to Spring		to Next Fall	
Grade	Mean	SD	Mean	SD	Mean	SD	Mean	SD
2	177.70	5.93	6.88	1.21	10.17	2.12	10.55	2.12
3	187.84	5.94	5.45	1.42	8.04	2.49	7.63	1.98
4	194.65	5.64	4.50	1.17	6.57	2.05	6.36	1.69
5	200.23	5.74	4.08	1.22	5.95	2.13	3.90	1.63
6	203.86	6.10	3.40	1.22	4.61	2.13	3.47	2.06
7	206.56	6.16	2.94	1.22	4.05	2.14	3.26	1.59
8	209.64	6.40	2.77	1.23	3.79	2.15	2.41	1.73
9	211.40	6.81	2.02	1.33	2.59	2.31	1.70	1.86
10	213.24	6.95	1.72	1.13	2.05	1.97		
Current	Winter		to Spring					
Grade	Mean	SD	Mean	SD				
2	184.59	5.83	3.29	0.91				
3	193.29	5.74	2.59	1.07				
4	199.15	5.64	2.07	0.88				
5	204.30	5.81	1.87	0.91				
6	207.26	6.09	1.21	0.91				
7	209.50	6.18	1.11	0.92				
8	212.41	6.35	1.03	0.92				
9	213.42	6.91	0.57	1.00				
10	214.95	7.19	0.34	0.85				

Appendix C - Student and School Status Percentiles

Tables in this appendix provide percentile ranks for both student performance (Tables C.1.1 - C.1.12) and school performance (Tables C.2.1 - C.2.12). In each set of tables, there is one table for each combination of content area (mathematics, reading, language usage, and science) and term (fall, winter, spring). As noted in the introduction to these appendices, the status estimates take into account the number of instructional weeks preceding a test administration.

Appendix C.1 - Student Status Percentiles

Table C.1.1: Fall Mathematics Student Achievement Percentiles

Pct	Grade												Pct	
	K	1	2	3	4	5	6	7	8	9	10	11		12
1	111	131	145	157	166	174	177	180	181	180	182	184	183	1
2	114	135	148	161	170	178	182	184	186	186	188	189	189	2
3	116	137	151	163	172	181	184	187	189	189	191	193	192	3
4	118	138	152	165	174	183	187	190	192	192	194	196	195	4
5	119	140	154	166	176	184	188	192	194	194	196	198	197	5
6	120	141	155	168	177	186	190	193	195	196	198	200	199	6
7	121	142	156	169	178	187	191	195	197	197	199	201	201	7
8	122	143	157	170	179	188	192	196	198	199	201	203	203	8
9	123	143	158	170	180	189	193	197	200	200	202	204	204	9
10	124	144	158	171	181	190	194	198	201	201	203	205	205	10
11	124	145	159	172	182	191	195	199	202	202	204	206	207	11
12	125	145	160	173	183	191	196	200	203	203	205	208	208	12
13	126	146	160	173	183	192	197	201	204	204	206	209	209	13
14	126	147	161	174	184	193	197	201	204	205	207	209	210	14
15	127	147	162	175	185	193	198	202	205	206	208	210	211	15
16	127	148	162	175	185	194	199	203	206	207	209	211	212	16
17	128	148	163	176	186	195	199	204	207	208	210	212	212	17
18	128	149	163	176	186	195	200	204	208	208	211	213	213	18
19	129	149	164	177	187	196	201	205	208	209	211	214	214	19
20	129	150	164	177	187	196	201	206	209	210	212	214	215	20
21	130	150	165	178	188	197	202	206	210	210	213	215	216	21
22	130	150	165	178	188	197	202	207	210	211	213	216	216	22
23	130	151	165	179	189	198	203	207	211	212	214	216	217	23
24	131	151	166	179	189	198	203	208	212	212	215	217	218	24
25	131	152	166	179	190	199	204	208	212	213	215	218	218	25
26	132	152	167	180	190	199	204	209	213	214	216	218	219	26
27	132	152	167	180	191	200	205	210	213	214	217	219	220	27
28	132	153	167	181	191	200	205	210	214	215	217	220	220	28
29	133	153	168	181	192	201	206	211	214	215	218	220	221	29
30	133	154	168	181	192	201	206	211	215	216	218	221	222	30
31	133	154	169	182	192	202	207	212	216	217	219	222	222	31
32	134	154	169	182	193	202	207	212	216	217	220	222	223	32
33	134	155	169	183	193	202	208	213	217	218	220	223	224	33
34	134	155	170	183	194	203	208	213	217	218	221	223	224	34
35	135	155	170	183	194	203	209	213	218	219	221	224	225	35
36	135	156	170	184	194	204	209	214	218	219	222	224	225	36
37	135	156	171	184	195	204	209	214	219	220	222	225	226	37
38	136	156	171	184	195	204	210	215	219	220	223	225	226	38
39	136	157	171	185	196	205	210	215	220	221	223	226	227	39
40	136	157	172	185	196	205	211	216	220	221	224	227	228	40
41	137	157	172	185	196	206	211	216	221	222	224	227	228	41
42	137	158	172	186	197	206	211	217	221	222	225	228	229	42
43	137	158	173	186	197	206	212	217	222	223	226	228	229	43
44	138	158	173	186	197	207	212	218	222	223	226	229	230	44
45	138	158	173	187	198	207	213	218	223	224	227	229	230	45
46	138	159	174	187	198	208	213	218	223	224	227	230	231	46
47	139	159	174	187	198	208	214	219	223	225	228	230	231	47
48	139	159	174	188	199	208	214	219	224	225	228	231	232	48
49	139	160	175	188	199	209	214	220	224	226	229	231	232	49

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Fall Mathematics Student Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50	140	160	175	188	200	209	215	220	225	226	229	232	233	50
51	140	160	175	189	200	210	215	221	225	227	230	232	234	51
52	140	161	176	189	200	210	216	221	226	227	230	233	234	52
53	140	161	176	189	201	210	216	222	226	228	231	233	235	53
54	141	161	176	190	201	211	216	222	227	228	231	234	235	54
55	141	162	177	190	201	211	217	222	227	229	232	234	236	55
56	141	162	177	191	202	211	217	223	228	229	232	235	236	56
57	142	162	177	191	202	212	218	223	228	230	233	235	237	57
58	142	163	178	191	202	212	218	224	229	230	233	236	237	58
59	142	163	178	192	203	213	218	224	229	231	234	236	238	59
60	143	163	178	192	203	213	219	225	230	231	234	237	238	60
61	143	164	179	192	204	213	219	225	230	232	235	237	239	61
62	143	164	179	193	204	214	220	226	231	232	235	238	240	62
63	144	164	179	193	204	214	220	226	231	233	236	239	240	63
64	144	165	180	193	205	215	221	226	232	234	236	239	241	64
65	144	165	180	194	205	215	221	227	232	234	237	240	241	65
66	145	165	180	194	205	215	221	227	233	235	237	240	242	66
67	145	166	181	194	206	216	222	228	233	235	238	241	243	67
68	145	166	181	195	206	216	222	228	234	236	239	241	243	68
69	146	166	181	195	207	217	223	229	234	236	239	242	244	69
70	146	167	182	196	207	217	223	229	235	237	240	243	244	70
71	146	167	182	196	208	218	224	230	235	237	240	243	245	71
72	147	167	183	196	208	218	224	230	236	238	241	244	246	72
73	147	168	183	197	208	218	225	231	237	239	241	244	246	73
74	148	168	183	197	209	219	225	231	237	239	242	245	247	74
75	148	168	184	198	209	219	226	232	238	240	243	246	248	75
76	148	169	184	198	210	220	226	233	238	240	243	246	248	76
77	149	169	185	198	210	220	227	233	239	241	244	247	249	77
78	149	170	185	199	211	221	227	234	240	242	245	248	250	78
79	150	170	186	199	211	221	228	234	240	242	245	248	250	79
80	150	171	186	200	212	222	228	235	241	243	246	249	251	80
81	150	171	186	200	212	222	229	235	242	244	247	250	252	81
82	151	171	187	201	213	223	229	236	242	245	248	251	253	82
83	151	172	187	201	213	224	230	237	243	245	248	251	254	83
84	152	172	188	202	214	224	231	238	244	246	249	252	254	84
85	152	173	188	202	214	225	231	238	245	247	250	253	255	85
86	153	173	189	203	215	226	232	239	245	248	251	254	256	86
87	154	174	190	204	216	226	233	240	246	249	252	255	257	87
88	154	175	190	204	216	227	234	241	247	250	253	256	258	88
89	155	175	191	205	217	228	235	242	248	251	254	257	260	89
90	156	176	192	206	218	229	235	243	249	252	255	258	261	90
91	156	177	192	207	219	229	236	244	250	253	256	259	262	91
92	157	178	193	207	220	230	237	245	252	254	257	261	263	92
93	158	178	194	208	221	232	239	246	253	256	259	262	265	93
94	159	179	195	209	222	233	240	247	254	257	261	264	267	94
95	160	181	196	211	223	234	241	249	256	259	262	266	269	95
96	161	182	198	212	225	236	243	251	258	261	264	268	271	96
97	163	183	199	214	227	238	245	253	261	264	267	270	274	97
98	165	186	202	216	229	240	248	256	264	267	271	274	277	98
99	169	189	205	220	233	244	252	261	269	273	276	280	283	99

Table C.1.2: Winter Mathematics Student Achievement Percentiles

Pct	Grade												Pct	
	K	1	2	3	4	5	6	7	8	9	10	11		12
1	122	141	154	165	171	178	181	182	183	182	183	185	180	1
2	126	144	157	168	175	182	185	187	188	187	189	191	186	2
3	128	146	160	171	178	185	188	190	192	191	192	194	190	3
4	129	148	161	172	180	187	190	193	194	194	195	197	193	4
5	130	149	163	174	182	189	192	194	196	196	197	199	195	5
6	132	151	164	175	183	190	194	196	198	197	199	201	197	6
7	133	152	165	176	184	191	195	198	200	199	201	203	199	7
8	133	152	166	177	185	192	196	199	201	200	202	204	201	8
9	134	153	167	178	186	193	197	200	202	202	204	205	202	9
10	135	154	167	179	187	194	198	201	203	203	205	207	204	10
11	135	155	168	180	188	195	199	202	204	204	206	208	205	11
12	136	155	169	180	189	196	200	203	205	205	207	209	206	12
13	137	156	169	181	189	197	201	204	206	206	208	210	207	13
14	137	157	170	181	190	198	201	205	207	207	209	211	208	14
15	138	157	171	182	191	198	202	205	208	208	210	212	209	15
16	138	158	171	183	191	199	203	206	209	209	211	213	210	16
17	139	158	172	183	192	200	204	207	210	210	212	214	211	17
18	139	159	172	184	192	200	204	208	210	210	212	214	212	18
19	140	159	173	184	193	201	205	208	211	211	213	215	213	19
20	140	160	173	185	194	201	205	209	212	212	214	216	214	20
21	140	160	174	185	194	202	206	210	213	212	215	217	215	21
22	141	160	174	186	195	202	207	210	213	213	215	217	215	22
23	141	161	174	186	195	203	207	211	214	214	216	218	216	23
24	142	161	175	187	196	203	208	211	214	215	217	219	217	24
25	142	162	175	187	196	204	208	212	215	215	217	219	218	25
26	142	162	176	187	196	204	209	212	216	216	218	220	218	26
27	143	162	176	188	197	205	209	213	216	216	219	221	219	27
28	143	163	176	188	197	205	210	214	217	217	219	221	220	28
29	144	163	177	189	198	206	210	214	217	218	220	222	221	29
30	144	164	177	189	198	206	211	215	218	218	220	223	221	30
31	144	164	178	189	199	207	211	215	219	219	221	223	222	31
32	145	164	178	190	199	207	212	216	219	219	222	224	223	32
33	145	165	178	190	199	208	212	216	220	220	222	224	223	33
34	145	165	179	191	200	208	213	217	220	220	223	225	224	34
35	146	165	179	191	200	209	213	217	221	221	223	225	224	35
36	146	166	179	191	201	209	214	218	221	221	224	226	225	36
37	146	166	180	192	201	209	214	218	222	222	224	227	226	37
38	146	166	180	192	202	210	214	219	222	223	225	227	226	38
39	147	167	180	192	202	210	215	219	223	223	225	228	227	39
40	147	167	181	193	202	211	215	219	223	224	226	228	227	40
41	147	167	181	193	203	211	216	220	224	224	227	229	228	41
42	148	168	181	193	203	211	216	220	224	225	227	229	229	42
43	148	168	182	194	203	212	217	221	225	225	228	230	229	43
44	148	168	182	194	204	212	217	221	225	226	228	230	230	44
45	149	169	182	195	204	213	217	222	226	226	229	231	230	45
46	149	169	183	195	205	213	218	222	226	227	229	231	231	46
47	149	169	183	195	205	214	218	223	227	227	230	232	232	47
48	150	170	183	196	205	214	219	223	227	228	230	232	232	48
49	150	170	184	196	206	214	219	224	228	228	231	233	233	49

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Winter Mathematics Student Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50	150	170	184	196	206	215	220	224	228	229	231	233	233	50
51	150	170	184	197	206	215	220	224	229	229	232	234	234	51
52	151	171	185	197	207	215	220	225	229	230	232	235	234	52
53	151	171	185	197	207	216	221	225	230	230	233	235	235	53
54	151	171	185	198	208	216	221	226	230	231	233	236	236	54
55	152	172	186	198	208	217	222	226	231	231	234	236	236	55
56	152	172	186	198	208	217	222	227	231	232	234	237	237	56
57	152	172	186	199	209	217	223	227	232	232	235	237	237	57
58	153	173	187	199	209	218	223	228	232	233	235	238	238	58
59	153	173	187	199	209	218	223	228	233	233	236	238	239	59
60	153	173	187	200	210	219	224	229	233	234	236	239	239	60
61	153	174	188	200	210	219	224	229	234	234	237	239	240	61
62	154	174	188	200	211	220	225	230	234	235	238	240	240	62
63	154	174	188	201	211	220	225	230	235	235	238	240	241	63
64	154	175	189	201	211	220	226	230	235	236	239	241	242	64
65	155	175	189	201	212	221	226	231	236	236	239	242	242	65
66	155	175	189	202	212	221	226	231	236	237	240	242	243	66
67	155	176	190	202	213	222	227	232	237	237	240	243	243	67
68	156	176	190	203	213	222	227	232	237	238	241	243	244	68
69	156	176	191	203	213	223	228	233	238	239	241	244	245	69
70	156	177	191	203	214	223	228	233	238	239	242	244	245	70
71	157	177	191	204	214	223	229	234	239	240	243	245	246	71
72	157	178	192	204	215	224	229	235	239	240	243	246	247	72
73	157	178	192	205	215	224	230	235	240	241	244	246	247	73
74	158	178	192	205	216	225	230	236	241	242	244	247	248	74
75	158	179	193	205	216	225	231	236	241	242	245	248	249	75
76	159	179	193	206	217	226	231	237	242	243	246	248	250	76
77	159	179	194	206	217	226	232	237	242	243	246	249	250	77
78	159	180	194	207	218	227	232	238	243	244	247	250	251	78
79	160	180	195	207	218	228	233	239	244	245	248	250	252	79
80	160	181	195	208	219	228	234	239	244	246	249	251	253	80
81	161	181	195	208	219	229	234	240	245	246	249	252	254	81
82	161	182	196	209	220	229	235	240	246	247	250	253	254	82
83	162	182	196	209	220	230	236	241	247	248	251	253	255	83
84	162	183	197	210	221	230	236	242	247	249	252	254	256	84
85	163	183	198	210	221	231	237	243	248	249	253	255	257	85
86	163	184	198	211	222	232	238	243	249	250	253	256	258	86
87	164	184	199	212	223	233	238	244	250	251	254	257	259	87
88	164	185	199	212	224	233	239	245	251	252	255	258	260	88
89	165	186	200	213	224	234	240	246	252	253	256	259	262	89
90	165	186	201	214	225	235	241	247	253	254	258	260	263	90
91	166	187	202	215	226	236	242	248	254	256	259	262	264	91
92	167	188	202	215	227	237	243	249	255	257	260	263	266	92
93	168	189	203	216	228	238	244	251	257	258	262	264	267	93
94	169	190	204	217	229	239	246	252	258	260	263	266	269	94
95	170	191	205	219	231	241	247	254	260	262	265	268	271	95
96	171	192	207	220	232	242	249	255	262	264	267	270	274	96
97	173	194	209	222	234	245	251	258	264	266	270	273	277	97
98	175	196	211	224	237	247	254	261	268	270	274	276	281	98
99	178	199	214	228	241	252	258	266	273	275	279	282	287	99

Table C.1.3: Spring Mathematics Student Achievement Percentiles

Pct	Grade												Pct	
	K	1	2	3	4	5	6	7	8	9	10	11		12
1	129	146	158	168	174	180	182	183	184	182	183	184	177	1
2	132	149	162	172	179	184	187	189	189	188	189	190	184	2
3	134	152	164	175	181	187	190	192	193	191	192	194	188	3
4	136	153	166	176	183	190	192	194	195	194	195	196	191	4
5	137	155	167	178	185	191	194	196	197	196	197	199	194	5
6	138	156	169	179	186	193	196	198	199	198	199	201	196	6
7	139	157	170	180	188	194	197	199	201	200	201	202	198	7
8	140	158	171	181	189	195	198	201	202	201	203	204	200	8
9	141	159	171	182	190	196	199	202	204	202	204	205	201	9
10	142	160	172	183	191	197	200	203	205	204	205	207	203	10
11	142	160	173	184	191	198	201	204	206	205	206	208	204	11
12	143	161	174	185	192	199	202	205	207	206	207	209	205	12
13	144	162	174	185	193	200	203	206	208	207	208	210	206	13
14	144	162	175	186	194	201	204	207	209	208	209	211	208	14
15	145	163	175	186	194	201	205	207	210	209	210	212	209	15
16	145	163	176	187	195	202	206	208	210	210	211	213	210	16
17	146	164	177	188	196	203	206	209	211	210	212	214	211	17
18	146	164	177	188	196	203	207	210	212	211	213	214	212	18
19	147	165	178	189	197	204	208	210	213	212	214	215	213	19
20	147	165	178	189	197	205	208	211	214	213	215	216	213	20
21	147	166	179	190	198	205	209	212	214	213	215	217	214	21
22	148	166	179	190	198	206	209	212	215	214	216	218	215	22
23	148	167	179	191	199	206	210	213	216	215	217	218	216	23
24	149	167	180	191	200	207	211	214	216	215	217	219	217	24
25	149	168	180	192	200	207	211	214	217	216	218	220	218	25
26	149	168	181	192	201	208	212	215	217	217	219	220	218	26
27	150	168	181	192	201	209	212	215	218	217	219	221	219	27
28	150	169	182	193	201	209	213	216	219	218	220	222	220	28
29	150	169	182	193	202	210	213	216	219	219	221	222	221	29
30	151	169	182	194	202	210	214	217	220	219	221	223	221	30
31	151	170	183	194	203	210	214	218	220	220	222	224	222	31
32	151	170	183	194	203	211	215	218	221	220	222	224	223	32
33	152	171	184	195	204	211	215	219	222	221	223	225	223	33
34	152	171	184	195	204	212	216	219	222	222	224	225	224	34
35	152	171	184	196	205	212	216	220	223	222	224	226	225	35
36	153	172	185	196	205	213	217	220	223	223	225	226	225	36
37	153	172	185	196	205	213	217	221	224	223	225	227	226	37
38	153	172	185	197	206	214	218	221	224	224	226	228	227	38
39	154	173	186	197	206	214	218	222	225	224	226	228	227	39
40	154	173	186	198	207	215	218	222	225	225	227	229	228	40
41	154	173	186	198	207	215	219	222	226	225	228	229	229	41
42	155	174	187	198	207	215	219	223	226	226	228	230	229	42
43	155	174	187	199	208	216	220	223	227	226	229	230	230	43
44	155	174	187	199	208	216	220	224	227	227	229	231	230	44
45	156	175	188	199	209	217	221	224	228	227	230	232	231	45
46	156	175	188	200	209	217	221	225	228	228	230	232	232	46
47	156	175	188	200	209	217	222	225	229	228	231	233	232	47
48	157	176	189	200	210	218	222	226	229	229	231	233	233	48
49	157	176	189	201	210	218	222	226	230	230	232	234	234	49

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Spring Mathematics Student Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50	157	176	189	201	211	219	223	227	230	230	232	234	234	50
51	157	177	190	201	211	219	223	227	231	231	233	235	235	51
52	158	177	190	202	211	220	224	228	231	231	233	235	235	52
53	158	177	190	202	212	220	224	228	232	232	234	236	236	53
54	158	178	191	202	212	220	225	229	232	232	235	236	237	54
55	159	178	191	203	212	221	225	229	233	233	235	237	237	55
56	159	178	191	203	213	221	226	230	233	233	236	238	238	56
57	159	179	192	204	213	222	226	230	234	234	236	238	239	57
58	160	179	192	204	214	222	226	230	234	234	237	239	239	58
59	160	179	192	204	214	223	227	231	235	235	237	239	240	59
60	160	180	193	205	214	223	227	231	235	235	238	240	240	60
61	160	180	193	205	215	223	228	232	236	236	238	240	241	61
62	161	180	194	205	215	224	228	232	236	236	239	241	242	62
63	161	181	194	206	216	224	229	233	237	237	239	241	242	63
64	161	181	194	206	216	225	229	233	237	237	240	242	243	64
65	162	181	195	207	217	225	230	234	238	238	241	243	244	65
66	162	182	195	207	217	226	230	234	239	239	241	243	244	66
67	162	182	195	207	217	226	231	235	239	239	242	244	245	67
68	163	183	196	208	218	227	231	235	240	240	242	244	246	68
69	163	183	196	208	218	227	232	236	240	240	243	245	246	69
70	163	183	196	208	219	228	232	236	241	241	244	246	247	70
71	164	184	197	209	219	228	233	237	241	241	244	246	248	71
72	164	184	197	209	220	228	233	238	242	242	245	247	249	72
73	164	184	198	210	220	229	234	238	243	243	245	248	249	73
74	165	185	198	210	221	229	234	239	243	243	246	248	250	74
75	165	185	198	211	221	230	235	239	244	244	247	249	251	75
76	166	186	199	211	222	231	235	240	244	245	247	250	252	76
77	166	186	199	211	222	231	236	240	245	245	248	250	252	77
78	166	187	200	212	223	232	236	241	246	246	249	251	253	78
79	167	187	200	212	223	232	237	242	246	247	250	252	254	79
80	167	187	201	213	224	233	238	242	247	247	250	252	255	80
81	168	188	201	213	224	233	238	243	248	248	251	253	256	81
82	168	188	202	214	225	234	239	244	249	249	252	254	257	82
83	169	189	202	215	225	235	240	244	249	250	253	255	258	83
84	169	190	203	215	226	235	240	245	250	251	254	256	259	84
85	170	190	203	216	227	236	241	246	251	251	254	257	260	85
86	170	191	204	216	227	237	242	247	252	252	255	258	261	86
87	171	191	205	217	228	238	243	248	253	253	256	259	262	87
88	171	192	205	218	229	238	243	249	254	254	257	260	263	88
89	172	193	206	218	230	239	244	250	255	255	258	261	264	89
90	173	193	207	219	230	240	245	251	256	256	260	262	266	90
91	173	194	207	220	231	241	246	252	257	258	261	263	267	91
92	174	195	208	221	232	242	247	253	258	259	262	265	269	92
93	175	196	209	222	233	243	249	254	260	260	264	266	271	93
94	176	197	210	223	235	245	250	256	261	262	265	268	272	94
95	177	198	212	224	236	246	252	257	263	264	267	270	275	95
96	178	199	213	226	238	248	253	259	265	266	270	272	277	96
97	180	201	215	228	240	250	256	262	268	269	272	275	281	97
98	182	203	217	230	242	253	259	265	271	272	276	279	285	98
99	185	207	221	234	247	258	264	270	277	278	282	285	291	99

Table C.1.4: Fall Reading Student Achievement Percentiles

Pct	Grade												Pct	
	K	1	2	3	4	5	6	7	8	9	10	11		12
1	108	126	137	148	158	166	172	176	178	175	180	182	179	1
2	112	130	141	152	162	171	176	180	183	180	185	187	184	2
3	114	132	144	155	165	174	179	183	186	183	188	190	187	3
4	115	134	146	157	167	176	181	185	188	186	190	192	190	4
5	117	135	147	159	169	178	183	187	190	188	192	194	192	5
6	118	136	149	161	171	179	185	189	192	189	194	196	194	6
7	119	137	150	162	172	180	186	190	193	191	195	197	195	7
8	119	138	151	163	173	181	187	191	194	192	196	199	197	8
9	120	139	152	164	174	183	188	192	195	193	197	200	198	9
10	121	140	153	165	175	183	189	193	196	195	199	201	199	10
11	122	140	154	166	176	184	190	194	197	196	199	202	200	11
12	122	141	154	167	177	185	191	195	198	197	200	203	201	12
13	123	142	155	168	178	186	192	196	199	197	201	204	202	13
14	123	142	156	169	179	187	192	196	200	198	202	204	203	14
15	124	143	157	169	179	187	193	197	200	199	203	205	204	15
16	124	143	157	170	180	188	194	198	201	200	204	206	205	16
17	125	144	158	171	181	189	194	198	202	201	204	207	205	17
18	125	144	158	171	181	189	195	199	202	201	205	207	206	18
19	126	145	159	172	182	190	196	200	203	202	206	208	207	19
20	126	145	160	173	183	191	196	200	204	203	206	209	208	20
21	127	146	160	173	183	191	197	201	204	204	207	209	208	21
22	127	146	161	174	184	192	197	201	205	204	208	210	209	22
23	128	147	161	174	184	192	198	202	205	205	208	210	210	23
24	128	147	162	175	185	193	199	203	206	205	209	211	210	24
25	128	147	162	175	185	193	199	203	207	206	209	212	211	25
26	129	148	163	176	186	194	200	204	207	207	210	212	211	26
27	129	148	163	176	186	194	200	204	208	207	210	213	212	27
28	130	149	163	177	187	195	201	205	208	208	211	213	213	28
29	130	149	164	177	187	195	201	205	209	208	212	214	213	29
30	130	149	164	178	188	196	202	206	209	209	212	214	214	30
31	131	150	165	178	188	196	202	206	210	209	213	215	214	31
32	131	150	165	179	189	197	202	206	210	210	213	215	215	32
33	131	150	166	179	189	197	203	207	211	211	214	216	215	33
34	132	151	166	180	190	198	203	207	211	211	214	216	216	34
35	132	151	166	180	190	198	204	208	211	212	215	217	216	35
36	132	151	167	181	191	199	204	208	212	212	215	217	217	36
37	133	152	167	181	191	199	205	209	212	213	216	218	217	37
38	133	152	168	182	192	199	205	209	213	213	216	218	218	38
39	133	152	168	182	192	200	206	210	213	214	216	219	218	39
40	134	153	168	182	192	200	206	210	214	214	217	219	219	40
41	134	153	169	183	193	201	206	210	214	215	217	219	219	41
42	134	153	169	183	193	201	207	211	215	215	218	220	220	42
43	134	154	170	184	194	202	207	211	215	216	218	220	220	43
44	135	154	170	184	194	202	208	212	215	216	219	221	221	44
45	135	154	170	185	195	202	208	212	216	217	219	221	221	45
46	135	155	171	185	195	203	209	213	216	217	220	222	222	46
47	136	155	171	185	195	203	209	213	217	217	220	222	222	47
48	136	155	172	186	196	204	209	213	217	218	221	223	223	48
49	136	156	172	186	196	204	210	214	218	218	221	223	223	49

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Fall Reading Student Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50	137	156	172	187	197	204	210	214	218	219	221	224	224	50
51	137	156	173	187	197	205	211	215	218	219	222	224	224	51
52	137	157	173	187	198	205	211	215	219	220	222	224	225	52
53	138	157	173	188	198	206	211	215	219	220	223	225	225	53
54	138	157	174	188	198	206	212	216	220	221	223	225	226	54
55	138	158	174	189	199	207	212	216	220	221	224	226	226	55
56	138	158	175	189	199	207	213	217	221	222	224	226	227	56
57	139	158	175	190	200	207	213	217	221	222	225	227	227	57
58	139	158	175	190	200	208	213	218	221	223	225	227	228	58
59	139	159	176	190	200	208	214	218	222	223	226	228	228	59
60	140	159	176	191	201	209	214	218	222	224	226	228	229	60
61	140	159	177	191	201	209	215	219	223	224	226	228	229	61
62	140	160	177	192	202	209	215	219	223	225	227	229	230	62
63	141	160	177	192	202	210	216	220	224	225	227	229	230	63
64	141	160	178	193	203	210	216	220	224	226	228	230	231	64
65	141	161	178	193	203	211	217	221	225	226	228	230	231	65
66	142	161	179	193	204	211	217	221	225	227	229	231	232	66
67	142	162	179	194	204	212	217	221	226	227	229	231	232	67
68	142	162	179	194	205	212	218	222	226	228	230	232	233	68
69	143	162	180	195	205	213	218	222	226	228	230	232	233	69
70	143	163	180	195	205	213	219	223	227	229	231	233	234	70
71	143	163	181	196	206	214	219	223	227	229	231	233	234	71
72	144	163	181	196	206	214	220	224	228	230	232	234	235	72
73	144	164	182	197	207	215	220	224	228	231	232	234	236	73
74	145	164	182	197	207	215	221	225	229	231	233	235	236	74
75	145	164	183	198	208	216	221	225	230	232	234	235	237	75
76	145	165	183	198	209	216	222	226	230	232	234	236	237	76
77	146	165	184	199	209	217	222	226	231	233	235	237	238	77
78	146	166	184	199	210	217	223	227	231	234	235	237	239	78
79	147	166	185	200	210	218	223	228	232	234	236	238	239	79
80	147	167	185	201	211	218	224	228	232	235	237	238	240	80
81	147	167	186	201	211	219	225	229	233	236	237	239	241	81
82	148	168	186	202	212	219	225	229	234	236	238	240	241	82
83	148	168	187	203	213	220	226	230	234	237	239	240	242	83
84	149	169	187	203	213	221	227	231	235	238	239	241	243	84
85	149	169	188	204	214	221	227	231	236	239	240	242	244	85
86	150	170	189	205	215	222	228	232	236	239	241	243	245	86
87	150	170	189	205	216	223	229	233	237	240	242	243	246	87
88	151	171	190	206	216	224	230	234	238	241	243	244	246	88
89	152	171	191	207	217	225	230	234	239	242	243	245	247	89
90	152	172	192	208	218	225	231	235	240	243	244	246	249	90
91	153	173	193	209	219	226	232	236	241	244	246	247	250	91
92	154	174	194	210	220	227	233	237	242	246	247	248	251	92
93	155	175	195	211	221	229	234	239	243	247	248	250	252	93
94	156	176	196	213	223	230	236	240	244	248	249	251	254	94
95	157	177	197	214	224	231	237	241	246	250	251	253	256	95
96	158	178	199	216	226	233	239	243	248	252	253	255	258	96
97	160	180	201	218	228	235	241	245	250	255	255	257	260	97
98	162	182	204	221	231	238	244	248	253	258	258	260	263	98
99	165	185	208	225	236	243	248	253	258	263	263	265	269	99

Table C.1.5: Winter Reading Student Achievement Percentiles

Pct	Grade												Pct	
	K	1	2	3	4	5	6	7	8	9	10	11		12
1	119	135	146	156	165	172	177	179	182	177	181	183	175	1
2	122	139	150	161	169	176	181	184	186	182	186	188	180	2
3	124	141	153	164	172	179	184	187	189	185	189	191	184	3
4	126	143	155	166	174	181	186	189	191	188	192	193	187	4
5	127	144	156	167	176	183	188	190	193	190	194	195	189	5
6	128	145	158	169	177	184	189	192	195	191	195	197	191	6
7	129	146	159	170	179	186	190	193	196	193	197	198	193	7
8	130	147	160	171	180	187	191	194	197	194	198	200	194	8
9	130	148	161	172	181	188	192	195	198	195	199	201	195	9
10	131	149	162	173	182	189	193	196	199	197	200	202	197	10
11	132	150	163	174	183	190	194	197	200	198	201	203	198	11
12	132	150	164	175	183	190	195	198	201	199	202	204	199	12
13	133	151	164	176	184	191	196	199	202	199	203	205	200	13
14	134	152	165	176	185	192	197	200	202	200	204	205	201	14
15	134	152	166	177	186	193	197	200	203	201	204	206	202	15
16	135	153	166	178	186	193	198	201	204	202	205	207	203	16
17	135	153	167	178	187	194	199	202	205	203	206	208	204	17
18	135	154	167	179	188	195	199	202	205	203	207	208	204	18
19	136	154	168	180	188	195	200	203	206	204	207	209	205	19
20	136	155	169	180	189	196	200	203	206	205	208	210	206	20
21	137	155	169	181	189	196	201	204	207	205	209	210	207	21
22	137	156	170	181	190	197	201	205	208	206	209	211	207	22
23	138	156	170	182	190	197	202	205	208	207	210	211	208	23
24	138	157	171	182	191	198	203	206	209	207	210	212	209	24
25	138	157	171	183	192	198	203	206	209	208	211	213	210	25
26	139	157	172	184	192	199	204	207	210	208	211	213	210	26
27	139	158	172	184	193	199	204	207	210	209	212	214	211	27
28	139	158	172	184	193	200	204	208	211	210	213	214	211	28
29	140	159	173	185	194	200	205	208	211	210	213	215	212	29
30	140	159	173	185	194	201	205	209	212	211	214	215	213	30
31	140	159	174	186	194	201	206	209	212	211	214	216	213	31
32	141	160	174	186	195	202	206	210	213	212	215	216	214	32
33	141	160	175	187	195	202	207	210	213	212	215	217	215	33
34	141	160	175	187	196	203	207	210	214	213	216	217	215	34
35	142	161	175	188	196	203	208	211	214	213	216	218	216	35
36	142	161	176	188	197	203	208	211	215	214	217	218	216	36
37	142	161	176	189	197	204	209	212	215	214	217	219	217	37
38	143	162	177	189	198	204	209	212	215	215	217	219	217	38
39	143	162	177	189	198	205	209	213	216	215	218	220	218	39
40	143	163	177	190	198	205	210	213	216	216	218	220	218	40
41	144	163	178	190	199	206	210	213	217	216	219	221	219	41
42	144	163	178	191	199	206	211	214	217	217	219	221	220	42
43	144	164	179	191	200	206	211	214	218	217	220	221	220	43
44	145	164	179	191	200	207	211	215	218	218	220	222	221	44
45	145	164	179	192	200	207	212	215	218	218	221	222	221	45
46	145	165	180	192	201	208	212	215	219	219	221	223	222	46
47	145	165	180	193	201	208	213	216	219	219	222	223	222	47
48	146	165	180	193	202	208	213	216	220	220	222	224	223	48
49	146	166	181	193	202	209	213	217	220	220	222	224	223	49

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Winter Reading Student Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50	146	166	181	194	202	209	214	217	221	221	223	225	224	50
51	147	166	182	194	203	210	214	217	221	221	223	225	224	51
52	147	167	182	195	203	210	215	218	221	221	224	226	225	52
53	147	167	182	195	204	210	215	218	222	222	224	226	225	53
54	147	167	183	196	204	211	215	219	222	222	225	226	226	54
55	148	168	183	196	205	211	216	219	223	223	225	227	227	55
56	148	168	183	196	205	212	216	220	223	223	226	227	227	56
57	148	168	184	197	205	212	217	220	223	224	226	228	228	57
58	149	169	184	197	206	212	217	220	224	224	227	228	228	58
59	149	169	185	198	206	213	217	221	224	225	227	229	229	59
60	149	169	185	198	207	213	218	221	225	225	227	229	229	60
61	150	170	185	198	207	214	218	222	225	226	228	230	230	61
62	150	170	186	199	207	214	219	222	226	226	228	230	230	62
63	150	170	186	199	208	214	219	222	226	227	229	231	231	63
64	151	171	187	200	208	215	220	223	226	227	229	231	231	64
65	151	171	187	200	209	215	220	223	227	228	230	231	232	65
66	151	171	187	201	209	216	220	224	227	228	230	232	233	66
67	151	172	188	201	210	216	221	224	228	229	231	232	233	67
68	152	172	188	201	210	217	221	225	228	229	231	233	234	68
69	152	172	189	202	211	217	222	225	229	230	232	233	234	69
70	152	173	189	202	211	217	222	226	229	230	232	234	235	70
71	153	173	190	203	211	218	223	226	230	231	233	234	236	71
72	153	174	190	203	212	218	223	227	230	231	233	235	236	72
73	153	174	190	204	212	219	224	227	231	232	234	236	237	73
74	154	174	191	204	213	219	224	228	231	233	234	236	238	74
75	154	175	191	205	213	220	225	228	232	233	235	237	238	75
76	155	175	192	205	214	220	225	229	232	234	235	237	239	76
77	155	176	192	206	215	221	226	229	233	234	236	238	240	77
78	155	176	193	206	215	221	226	230	233	235	237	238	240	78
79	156	176	193	207	216	222	227	230	234	236	237	239	241	79
80	156	177	194	207	216	222	227	231	235	236	238	240	242	80
81	157	177	194	208	217	223	228	231	235	237	239	240	242	81
82	157	178	195	209	217	224	228	232	236	238	239	241	243	82
83	158	178	196	209	218	224	229	233	236	238	240	242	244	83
84	158	179	196	210	219	225	230	233	237	239	241	242	245	84
85	158	180	197	211	219	226	230	234	238	240	241	243	246	85
86	159	180	197	211	220	226	231	235	239	241	242	244	247	86
87	160	181	198	212	221	227	232	235	239	242	243	245	248	87
88	160	181	199	213	222	228	233	236	240	243	244	246	249	88
89	161	182	200	214	222	229	233	237	241	243	245	246	250	89
90	161	183	200	215	223	229	234	238	242	245	246	247	251	90
91	162	184	201	216	224	230	235	239	243	246	247	249	252	91
92	163	184	202	217	225	231	236	240	244	247	248	250	254	92
93	164	185	203	218	226	233	237	241	245	248	249	251	255	93
94	165	186	205	219	228	234	239	242	246	250	251	252	257	94
95	166	188	206	220	229	235	240	244	248	251	252	254	259	95
96	167	189	208	222	231	237	242	245	250	253	254	256	261	96
97	168	191	210	224	233	239	244	248	252	256	256	258	264	97
98	170	193	212	227	236	242	247	250	255	259	259	261	267	98
99	174	197	216	231	240	246	251	255	259	264	264	266	273	99

Table C.1.6: Spring Reading Student Achievement Percentiles

Pct	Grade												Pct	
	K	1	2	3	4	5	6	7	8	9	10	11		12
1	125	138	150	159	167	174	178	180	182	177	181	182	171	1
2	128	142	154	164	171	178	182	185	187	182	186	187	177	2
3	130	145	156	167	174	181	185	188	190	186	189	190	181	3
4	132	147	158	169	176	183	187	190	192	188	192	192	184	4
5	133	148	160	170	178	185	189	191	194	190	194	194	186	5
6	134	149	161	172	179	186	190	193	195	192	195	196	188	6
7	135	150	163	173	181	187	192	194	197	193	197	197	190	7
8	136	151	164	174	182	189	193	195	198	195	198	199	192	8
9	137	152	165	175	183	190	194	196	199	196	199	200	193	9
10	138	153	166	176	184	191	195	197	200	197	200	201	195	10
11	138	154	167	177	185	191	196	198	201	198	201	202	196	11
12	139	155	167	178	186	192	197	199	202	199	202	203	197	12
13	140	155	168	179	186	193	197	200	203	200	203	204	198	13
14	140	156	169	180	187	194	198	201	203	201	204	205	199	14
15	141	157	170	180	188	194	199	201	204	202	205	206	200	15
16	141	157	170	181	189	195	199	202	205	202	205	206	201	16
17	142	158	171	182	189	196	200	203	206	203	206	207	202	17
18	142	158	171	182	190	196	201	203	206	204	207	208	203	18
19	143	159	172	183	191	197	201	204	207	205	208	208	204	19
20	143	159	173	183	191	198	202	205	207	205	208	209	205	20
21	143	160	173	184	192	198	202	205	208	206	209	210	206	21
22	144	160	174	185	192	199	203	206	209	207	209	210	207	22
23	144	161	174	185	193	199	204	206	209	207	210	211	207	23
24	145	161	175	186	193	200	204	207	210	208	211	212	208	24
25	145	162	175	186	194	200	205	207	210	209	211	212	209	25
26	145	162	176	187	194	201	205	208	211	209	212	213	209	26
27	146	163	176	187	195	201	206	208	211	210	212	213	210	27
28	146	163	177	188	195	202	206	209	212	210	213	214	211	28
29	146	164	177	188	196	202	206	209	212	211	213	214	212	29
30	147	164	177	189	196	203	207	210	213	211	214	215	212	30
31	147	164	178	189	197	203	207	210	213	212	214	216	213	31
32	147	165	178	190	197	204	208	211	214	213	215	216	214	32
33	148	165	179	190	198	204	208	211	214	213	216	217	214	33
34	148	166	179	190	198	204	209	212	215	214	216	217	215	34
35	148	166	180	191	199	205	209	212	215	214	217	218	215	35
36	149	166	180	191	199	205	210	212	216	215	217	218	216	36
37	149	167	180	192	199	206	210	213	216	215	217	219	217	37
38	149	167	181	192	200	206	210	213	217	216	218	219	217	38
39	150	167	181	193	200	207	211	214	217	216	218	220	218	39
40	150	168	182	193	201	207	211	214	217	217	219	220	218	40
41	150	168	182	193	201	207	212	215	218	217	219	221	219	41
42	151	169	182	194	202	208	212	215	218	218	220	221	220	42
43	151	169	183	194	202	208	213	215	219	218	220	221	220	43
44	151	169	183	195	202	209	213	216	219	219	221	222	221	44
45	152	170	184	195	203	209	213	216	220	219	221	222	221	45
46	152	170	184	195	203	209	214	217	220	219	222	223	222	46
47	152	170	184	196	204	210	214	217	220	220	222	223	223	47
48	152	171	185	196	204	210	215	218	221	220	223	224	223	48
49	153	171	185	197	204	211	215	218	221	221	223	224	224	49

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Spring Reading Student Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50	153	171	186	197	205	211	215	218	222	221	224	225	224	50
51	153	172	186	198	205	211	216	219	222	222	224	225	225	51
52	154	172	186	198	206	212	216	219	223	222	224	226	225	52
53	154	172	187	198	206	212	217	220	223	223	225	226	226	53
54	154	173	187	199	206	213	217	220	223	223	225	227	227	54
55	155	173	188	199	207	213	217	220	224	224	226	227	227	55
56	155	174	188	200	207	213	218	221	224	224	226	228	228	56
57	155	174	188	200	208	214	218	221	225	225	227	228	228	57
58	156	174	189	200	208	214	219	222	225	225	227	228	229	58
59	156	175	189	201	209	215	219	222	225	226	228	229	230	59
60	156	175	189	201	209	215	219	223	226	226	228	229	230	60
61	156	175	190	202	209	215	220	223	226	227	229	230	231	61
62	157	176	190	202	210	216	220	223	227	227	229	230	231	62
63	157	176	191	203	210	216	221	224	227	228	230	231	232	63
64	157	176	191	203	211	217	221	224	228	228	230	231	233	64
65	158	177	192	203	211	217	222	225	228	229	231	232	233	65
66	158	177	192	204	212	218	222	225	229	229	231	232	234	66
67	158	178	192	204	212	218	222	226	229	230	232	233	234	67
68	159	178	193	205	212	218	223	226	230	230	232	233	235	68
69	159	178	193	205	213	219	223	226	230	231	233	234	236	69
70	159	179	194	206	213	219	224	227	231	231	233	234	236	70
71	160	179	194	206	214	220	224	227	231	232	234	235	237	71
72	160	180	195	207	214	220	225	228	231	232	234	235	238	72
73	160	180	195	207	215	221	225	228	232	233	235	236	238	73
74	161	181	196	208	215	221	226	229	233	234	235	237	239	74
75	161	181	196	208	216	222	226	229	233	234	236	237	240	75
76	162	181	197	209	216	222	227	230	234	235	236	238	241	76
77	162	182	197	209	217	223	227	230	234	235	237	238	241	77
78	162	182	198	210	217	223	228	231	235	236	238	239	242	78
79	163	183	198	210	218	224	228	232	235	237	238	240	243	79
80	163	183	199	211	219	224	229	232	236	237	239	240	244	80
81	164	184	199	211	219	225	229	233	236	238	239	241	245	81
82	164	184	200	212	220	226	230	233	237	239	240	242	245	82
83	165	185	200	213	220	226	231	234	238	240	241	242	246	83
84	165	186	201	213	221	227	231	235	238	240	242	243	247	84
85	166	186	202	214	222	228	232	235	239	241	242	244	248	85
86	166	187	202	215	222	228	233	236	240	242	243	245	249	86
87	167	187	203	215	223	229	233	237	241	243	244	246	250	87
88	167	188	204	216	224	230	234	238	241	244	245	246	251	88
89	168	189	205	217	225	231	235	238	242	245	246	247	253	89
90	169	190	205	218	226	231	236	239	243	246	247	248	254	90
91	169	190	206	219	227	232	237	240	244	247	248	250	255	91
92	170	191	207	220	228	233	238	241	245	248	249	251	257	92
93	171	192	208	221	229	235	239	243	247	249	250	252	258	93
94	172	193	210	222	230	236	240	244	248	251	252	253	260	94
95	173	195	211	224	232	237	242	245	249	253	253	255	262	95
96	174	196	213	226	233	239	243	247	251	255	255	257	265	96
97	176	198	215	228	235	241	246	249	253	257	258	259	268	97
98	178	201	217	231	238	244	248	252	256	260	261	263	272	98
99	181	204	222	235	243	248	253	256	261	266	266	268	278	99

Table C.1.7: Fall Language Usage Student Achievement Percentiles

		Grade												
Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
1		137	152	162	170	176	178	181	181	184	186			1
2		141	156	166	174	180	182	185	185	188	190			2
3		144	159	169	177	182	185	188	187	190	193			3
4		146	161	171	179	184	187	190	190	192	195			4
5		148	163	172	180	186	188	191	191	194	196			5
6		149	164	174	182	187	190	193	193	195	197			6
7		150	165	175	183	188	191	194	194	197	199			7
8		151	166	176	184	189	192	195	195	198	200			8
9		152	167	177	185	190	193	196	196	199	201			9
10		153	168	178	186	191	194	197	197	199	202			10
11		154	169	179	186	192	195	197	198	200	202			11
12		155	170	180	187	193	195	198	198	201	203			12
13		156	170	180	188	193	196	199	199	202	204			13
14		157	171	181	188	194	197	200	200	203	205			14
15		157	172	182	189	195	197	200	201	203	205			15
16		158	172	182	190	195	198	201	201	204	206			16
17		159	173	183	190	196	199	201	202	204	206			17
18		159	174	184	191	196	199	202	202	205	207			18
19		160	174	184	191	197	200	203	203	206	208			19
20		160	175	185	192	197	200	203	204	206	208			20
21		161	175	185	192	198	201	204	204	207	209			21
22		162	176	186	193	198	201	204	205	207	209			22
23		162	176	186	193	199	202	205	205	208	210			23
24		163	177	187	194	199	202	205	206	208	210			24
25		163	177	187	194	200	203	206	206	209	211			25
26		164	178	188	195	200	203	206	207	209	211			26
27		164	178	188	195	201	204	207	207	210	212			27
28		165	179	189	196	201	204	207	208	210	212			28
29		165	179	189	196	201	205	207	208	210	212			29
30		166	180	189	197	202	205	208	209	211	213			30
31		166	180	190	197	202	205	208	209	211	213			31
32		166	181	190	197	203	206	209	209	212	214			32
33		167	181	191	198	203	206	209	210	212	214			33
34		167	181	191	198	204	207	209	210	213	214			34
35		168	182	192	199	204	207	210	211	213	215			35
36		168	182	192	199	204	207	210	211	213	215			36
37		169	183	192	199	205	208	211	212	214	216			37
38		169	183	193	200	205	208	211	212	214	216			38
39		169	183	193	200	205	209	211	212	215	216			39
40		170	184	194	200	206	209	212	213	215	217			40
41		170	184	194	201	206	209	212	213	215	217			41
42		171	185	194	201	207	210	213	214	216	218			42
43		171	185	195	202	207	210	213	214	216	218			43
44		172	185	195	202	207	210	213	214	217	218			44
45		172	186	195	202	208	211	214	215	217	219			45
46		172	186	196	203	208	211	214	215	217	219			46
47		173	187	196	203	208	212	214	216	218	220			47
48		173	187	197	203	209	212	215	216	218	220			48
49		174	187	197	204	209	212	215	216	218	220			49

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Fall Language Usage Student Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50		174	188	197	204	209	213	216	217	219	221			50
51		174	188	198	205	210	213	216	217	219	221			51
52		175	188	198	205	210	213	216	217	220	221			52
53		175	189	198	205	211	214	217	218	220	222			53
54		176	189	199	206	211	214	217	218	220	222			54
55		176	190	199	206	211	214	217	219	221	223			55
56		176	190	200	206	212	215	218	219	221	223			56
57		177	190	200	207	212	215	218	219	221	223			57
58		177	191	200	207	212	216	219	220	222	224			58
59		178	191	201	207	213	216	219	220	222	224			59
60		178	192	201	208	213	216	219	221	223	224			60
61		178	192	202	208	213	217	220	221	223	225			61
62		179	192	202	209	214	217	220	221	223	225			62
63		179	193	202	209	214	218	220	222	224	226			63
64		180	193	203	209	215	218	221	222	224	226			64
65		180	194	203	210	215	218	221	223	225	226			65
66		181	194	204	210	215	219	222	223	225	227			66
67		181	194	204	211	216	219	222	224	225	227			67
68		181	195	204	211	216	220	222	224	226	228			68
69		182	195	205	211	217	220	223	224	226	228			69
70		182	196	205	212	217	220	223	225	227	228			70
71		183	196	206	212	217	221	224	225	227	229			71
72		183	197	206	213	218	221	224	226	228	229			72
73		184	197	207	213	218	222	225	226	228	230			73
74		184	198	207	214	219	222	225	227	229	230			74
75		185	198	208	214	219	223	225	227	229	231			75
76		185	199	208	214	220	223	226	228	229	231			76
77		186	199	208	215	220	224	226	228	230	232			77
78		186	200	209	215	221	224	227	229	230	232			78
79		187	200	210	216	221	225	227	229	231	233			79
80		188	201	210	216	222	225	228	230	232	233			80
81		188	201	211	217	222	226	228	230	232	234			81
82		189	202	211	217	223	226	229	231	233	234			82
83		189	202	212	218	223	227	230	231	233	235			83
84		190	203	212	219	224	227	230	232	234	236			84
85		191	204	213	219	224	228	231	233	234	236			85
86		191	204	214	220	225	229	231	233	235	237			86
87		192	205	214	221	226	229	232	234	236	237			87
88		193	206	215	221	226	230	233	235	237	238			88
89		194	207	216	222	227	231	234	236	237	239			89
90		195	207	217	223	228	232	234	237	238	240			90
91		196	208	218	224	229	232	235	237	239	241			91
92		197	209	219	225	230	233	236	238	240	242			92
93		198	210	220	226	231	234	237	240	241	243			93
94		199	212	221	227	232	236	238	241	242	244			94
95		200	213	222	228	233	237	240	242	244	245			95
96		202	215	224	230	235	238	241	244	245	247			96
97		204	217	226	232	236	240	243	246	247	249			97
98		207	219	228	234	239	243	246	249	250	251			98
99		211	223	232	238	243	247	250	253	254	255			99

Table C.1.8: Winter Language Usage Student Achievement Percentiles

		Grade												
Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
1		148	161	169	176	180	182	184	183	185	187			1
2		152	165	173	180	184	186	188	187	189	191			2
3		155	168	176	182	187	188	191	189	192	194			3
4		157	170	178	184	188	190	192	191	194	196			4
5		158	171	179	185	190	192	194	193	195	197			5
6		160	172	180	187	191	193	195	194	197	199			6
7		161	174	182	188	192	194	196	196	198	200			7
8		162	175	183	189	193	195	197	197	199	201			8
9		163	176	184	190	194	196	198	198	200	202			9
10		164	176	184	191	195	197	199	199	201	203			10
11		165	177	185	191	196	198	200	199	202	203			11
12		166	178	186	192	196	198	201	200	202	204			12
13		166	179	187	193	197	199	201	201	203	205			13
14		167	179	187	193	198	200	202	202	204	206			14
15		168	180	188	194	198	200	203	202	205	206			15
16		169	181	189	195	199	201	203	203	205	207			16
17		169	181	189	195	200	202	204	204	206	208			17
18		170	182	190	196	200	202	205	204	206	208			18
19		170	182	190	196	201	203	205	205	207	209			19
20		171	183	191	197	201	203	206	205	207	209			20
21		171	183	191	197	202	204	206	206	208	210			21
22		172	184	192	198	202	204	207	206	209	210			22
23		172	184	192	198	203	205	207	207	209	211			23
24		173	185	193	199	203	205	208	207	210	211			24
25		173	185	193	199	203	206	208	208	210	212			25
26		174	186	194	199	204	206	208	208	210	212			26
27		174	186	194	200	204	206	209	209	211	213			27
28		175	187	194	200	205	207	209	209	211	213			28
29		175	187	195	201	205	207	210	210	212	214			29
30		176	187	195	201	206	208	210	210	212	214			30
31		176	188	196	202	206	208	211	211	213	214			31
32		177	188	196	202	206	209	211	211	213	215			32
33		177	189	197	202	207	209	211	211	214	215			33
34		177	189	197	203	207	209	212	212	214	216			34
35		178	190	197	203	207	210	212	212	214	216			35
36		178	190	198	203	208	210	213	213	215	216			36
37		179	190	198	204	208	211	213	213	215	217			37
38		179	191	198	204	209	211	213	214	216	217			38
39		180	191	199	205	209	211	214	214	216	218			39
40		180	191	199	205	209	212	214	214	216	218			40
41		180	192	200	205	210	212	214	215	217	218			41
42		181	192	200	206	210	212	215	215	217	219			42
43		181	193	200	206	210	213	215	215	218	219			43
44		182	193	201	206	211	213	216	216	218	220			44
45		182	193	201	207	211	213	216	216	218	220			45
46		182	194	201	207	211	214	216	217	219	220			46
47		183	194	202	207	212	214	217	217	219	221			47
48		183	194	202	208	212	215	217	217	219	221			48
49		183	195	203	208	212	215	217	218	220	221			49

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Winter Language Usage Student Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50		184	195	203	208	213	215	218	218	220	222			50
51		184	196	203	209	213	216	218	219	221	222			51
52		185	196	204	209	214	216	218	219	221	223			52
53		185	196	204	210	214	216	219	219	221	223			53
54		185	197	204	210	214	217	219	220	222	223			54
55		186	197	205	210	215	217	220	220	222	224			55
56		186	197	205	211	215	217	220	220	222	224			56
57		187	198	205	211	215	218	220	221	223	224			57
58		187	198	206	211	216	218	221	221	223	225			58
59		187	198	206	212	216	219	221	222	224	225			59
60		188	199	207	212	216	219	221	222	224	226			60
61		188	199	207	212	217	219	222	222	224	226			61
62		189	200	207	213	217	220	222	223	225	226			62
63		189	200	208	213	217	220	223	223	225	227			63
64		189	200	208	213	218	220	223	224	226	227			64
65		190	201	208	214	218	221	223	224	226	228			65
66		190	201	209	214	219	221	224	224	226	228			66
67		191	202	209	215	219	222	224	225	227	228			67
68		191	202	210	215	219	222	224	225	227	229			68
69		191	202	210	215	220	222	225	226	228	229			69
70		192	203	210	216	220	223	225	226	228	230			70
71		192	203	211	216	221	223	226	227	229	230			71
72		193	204	211	217	221	224	226	227	229	231			72
73		193	204	212	217	221	224	227	228	229	231			73
74		194	205	212	217	222	225	227	228	230	231			74
75		194	205	213	218	222	225	227	229	230	232			75
76		195	205	213	218	223	225	228	229	231	232			76
77		195	206	214	219	223	226	228	229	231	233			77
78		196	206	214	219	224	226	229	230	232	233			78
79		196	207	215	220	224	227	229	231	232	234			79
80		197	207	215	220	225	227	230	231	233	234			80
81		197	208	216	221	225	228	230	232	233	235			81
82		198	209	216	221	226	228	231	232	234	236			82
83		199	209	217	222	226	229	232	233	235	236			83
84		199	210	217	222	227	230	232	233	235	237			84
85		200	210	218	223	227	230	233	234	236	237			85
86		200	211	218	224	228	231	233	235	237	238			86
87		201	212	219	224	228	231	234	235	237	239			87
88		202	212	220	225	229	232	235	236	238	239			88
89		203	213	221	226	230	233	235	237	239	240			89
90		204	214	221	226	231	234	236	238	240	241			90
91		204	215	222	227	231	235	237	239	240	242			91
92		205	216	223	228	232	236	238	240	241	243			92
93		207	217	224	229	233	237	239	241	242	244			93
94		208	218	225	230	234	238	240	242	244	245			94
95		209	219	227	231	236	239	241	243	245	247			95
96		211	221	228	233	237	240	243	245	247	248			96
97		213	223	230	235	239	242	245	247	249	250			97
98		215	225	233	237	241	245	247	250	251	253			98
99		220	229	236	241	245	249	251	254	255	257			99

Table C.1.9: Spring Language Usage Student Achievement Percentiles

		Grade												
Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
1		151	164	172	178	182	183	185	183	185	186			1
2		156	168	176	182	186	187	189	187	189	190			2
3		159	171	178	184	188	189	191	190	192	193			3
4		161	173	180	186	190	191	193	192	194	195			4
5		162	174	181	187	191	193	195	193	195	197			5
6		164	176	183	189	193	194	196	195	197	198			6
7		165	177	184	190	194	195	197	196	198	199			7
8		166	178	185	191	195	196	198	197	199	201			8
9		167	179	186	192	195	197	199	198	200	202			9
10		168	180	187	192	196	198	200	199	201	202			10
11		169	180	187	193	197	199	201	200	202	203			11
12		170	181	188	194	198	200	202	201	203	204			12
13		171	182	189	195	198	200	202	202	203	205			13
14		171	182	190	195	199	201	203	202	204	206			14
15		172	183	190	196	200	202	204	203	205	206			15
16		173	184	191	196	200	202	204	204	205	207			16
17		173	184	191	197	201	203	205	204	206	208			17
18		174	185	192	197	201	203	205	205	207	208			18
19		174	185	192	198	202	204	206	205	207	209			19
20		175	186	193	198	202	204	206	206	208	209			20
21		176	187	193	199	203	205	207	206	208	210			21
22		176	187	194	199	203	205	207	207	209	210			22
23		177	187	194	200	204	206	208	208	209	211			23
24		177	188	195	200	204	206	208	208	210	211			24
25		178	188	195	201	205	207	209	209	210	212			25
26		178	189	196	201	205	207	209	209	211	212			26
27		179	189	196	202	206	208	210	209	211	213			27
28		179	190	197	202	206	208	210	210	212	213			28
29		180	190	197	202	206	208	211	210	212	214			29
30		180	191	197	203	207	209	211	211	213	214			30
31		181	191	198	203	207	209	212	211	213	215			31
32		181	191	198	204	208	210	212	212	214	215			32
33		181	192	199	204	208	210	212	212	214	215			33
34		182	192	199	204	208	211	213	213	214	216			34
35		182	193	199	205	209	211	213	213	215	216			35
36		183	193	200	205	209	211	214	213	215	217			36
37		183	193	200	206	210	212	214	214	216	217			37
38		184	194	201	206	210	212	214	214	216	218			38
39		184	194	201	206	210	212	215	215	217	218			39
40		184	195	201	207	211	213	215	215	217	218			40
41		185	195	202	207	211	213	215	215	217	219			41
42		185	195	202	207	211	214	216	216	218	219			42
43		186	196	202	208	212	214	216	216	218	220			43
44		186	196	203	208	212	214	217	217	219	220			44
45		186	196	203	208	212	215	217	217	219	220			45
46		187	197	204	209	213	215	217	217	219	221			46
47		187	197	204	209	213	215	218	218	220	221			47
48		188	198	204	209	213	216	218	218	220	222			48
49		188	198	205	210	214	216	218	219	220	222			49

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Spring Language Usage Student Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50		188	198	205	210	214	216	219	219	221	222		50	
51		189	199	205	211	215	217	219	219	221	223		51	
52		189	199	206	211	215	217	219	220	222	223		52	
53		190	199	206	211	215	218	220	220	222	223		53	
54		190	200	206	212	216	218	220	221	222	224		54	
55		190	200	207	212	216	218	221	221	223	224		55	
56		191	201	207	212	216	219	221	221	223	225		56	
57		191	201	208	213	217	219	221	222	224	225		57	
58		192	201	208	213	217	219	222	222	224	225		58	
59		192	202	208	213	217	220	222	223	224	226		59	
60		192	202	209	214	218	220	222	223	225	226		60	
61		193	202	209	214	218	220	223	223	225	227		61	
62		193	203	209	214	218	221	223	224	226	227		62	
63		194	203	210	215	219	221	224	224	226	227		63	
64		194	204	210	215	219	222	224	225	226	228		64	
65		195	204	211	216	220	222	224	225	227	228		65	
66		195	204	211	216	220	222	225	225	227	229		66	
67		195	205	211	216	220	223	225	226	228	229		67	
68		196	205	212	217	221	223	226	226	228	230		68	
69		196	206	212	217	221	224	226	227	229	230		69	
70		197	206	213	217	221	224	226	227	229	230		70	
71		197	206	213	218	222	224	227	228	229	231		71	
72		198	207	213	218	222	225	227	228	230	231		72	
73		198	207	214	219	223	225	228	229	230	232		73	
74		199	208	214	219	223	226	228	229	231	232		74	
75		199	208	215	220	224	226	229	229	231	233		75	
76		200	209	215	220	224	227	229	230	232	233		76	
77		200	209	216	220	224	227	230	230	232	234		77	
78		201	210	216	221	225	228	230	231	233	234		78	
79		201	210	217	221	225	228	230	232	233	235		79	
80		202	211	217	222	226	229	231	232	234	235		80	
81		202	211	218	222	226	229	232	233	234	236		81	
82		203	212	218	223	227	230	232	233	235	237		82	
83		204	212	219	223	227	230	233	234	236	237		83	
84		204	213	219	224	228	231	233	234	236	238		84	
85		205	214	220	225	229	231	234	235	237	238		85	
86		206	214	220	225	229	232	234	236	238	239		86	
87		206	215	221	226	230	233	235	236	238	240		87	
88		207	216	222	227	231	233	236	237	239	241		88	
89		208	216	223	227	231	234	237	238	240	241		89	
90		209	217	223	228	232	235	237	239	241	242		90	
91		210	218	224	229	233	236	238	240	242	243		91	
92		211	219	225	230	234	237	239	241	243	244		92	
93		212	220	226	231	235	238	240	242	244	245		93	
94		213	221	227	232	236	239	241	243	245	246		94	
95		215	222	229	233	237	240	243	245	246	248		95	
96		216	224	230	235	239	242	244	246	248	250		96	
97		218	226	232	236	240	244	246	248	250	252		97	
98		221	228	234	239	243	246	249	251	253	254		98	
99		225	232	238	243	247	250	253	255	257	258		99	

Table C.1.10: Fall Science Student Achievement Percentiles

		Grade												
Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
1		146	159	167	173	176	177	179	179	180				1
2		150	163	171	176	179	181	182	182	184				2
3		152	165	173	178	181	183	185	185	186				3
4		154	166	174	180	183	184	186	187	188				4
5		156	168	175	181	184	186	188	188	190				5
6		157	169	176	182	185	187	189	189	191				6
7		158	170	177	183	186	188	190	191	192				7
8		159	171	178	184	187	189	191	192	193				8
9		160	171	179	184	188	190	192	192	194				9
10		160	172	180	185	188	190	193	193	195				10
11		161	173	180	186	189	191	193	194	196				11
12		162	173	181	186	190	192	194	195	196				12
13		163	174	181	187	190	192	195	196	197				13
14		163	175	182	188	191	193	195	196	198				14
15		164	175	183	188	191	193	196	197	198				15
16		164	176	183	189	192	194	196	197	199				16
17		165	176	184	189	192	194	197	198	200				17
18		165	177	184	189	193	195	198	198	200				18
19		166	177	184	190	193	195	198	199	201				19
20		166	178	185	190	194	196	198	200	201				20
21		167	178	185	191	194	196	199	200	202				21
22		167	178	186	191	195	197	199	201	202				22
23		168	179	186	192	195	197	200	201	203				23
24		168	179	186	192	195	198	200	201	203				24
25		169	180	187	192	196	198	201	202	204				25
26		169	180	187	193	196	198	201	202	204				26
27		169	180	187	193	196	199	202	203	204				27
28		170	181	188	193	197	199	202	203	205				28
29		170	181	188	194	197	200	202	204	205				29
30		171	181	189	194	198	200	203	204	206				30
31		171	182	189	194	198	200	203	204	206				31
32		171	182	189	195	198	201	203	205	207				32
33		172	182	190	195	199	201	204	205	207				33
34		172	183	190	195	199	201	204	206	207				34
35		173	183	190	196	199	202	205	206	208				35
36		173	183	190	196	200	202	205	206	208				36
37		173	184	191	196	200	202	205	207	209				37
38		174	184	191	197	200	203	206	207	209				38
39		174	184	191	197	201	203	206	207	209				39
40		174	185	192	197	201	203	206	208	210				40
41		175	185	192	198	201	204	207	208	210				41
42		175	185	192	198	201	204	207	209	210				42
43		175	186	193	198	202	204	207	209	211				43
44		176	186	193	198	202	205	208	209	211				44
45		176	186	193	199	202	205	208	210	211				45
46		176	187	193	199	203	205	208	210	212				46
47		177	187	194	199	203	206	209	210	212				47
48		177	187	194	200	203	206	209	211	213				48
49		177	188	194	200	204	206	209	211	213				49

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Fall Science Student Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50		178	188	195	200	204	207	210	211	213				50
51		178	188	195	201	204	207	210	212	214				51
52		178	188	195	201	204	207	210	212	214				52
53		179	189	196	201	205	208	211	212	214				53
54		179	189	196	201	205	208	211	213	215				54
55		179	189	196	202	205	208	211	213	215				55
56		180	190	196	202	206	208	212	214	215				56
57		180	190	197	202	206	209	212	214	216				57
58		180	190	197	203	206	209	212	214	216				58
59		181	191	197	203	207	209	213	215	216				59
60		181	191	198	203	207	210	213	215	217				60
61		181	191	198	204	207	210	213	215	217				61
62		182	192	198	204	208	210	214	216	218				62
63		182	192	199	204	208	211	214	216	218				63
64		183	192	199	204	208	211	214	216	218				64
65		183	193	199	205	209	211	215	217	219				65
66		183	193	199	205	209	212	215	217	219				66
67		184	193	200	205	209	212	215	218	220				67
68		184	194	200	206	209	212	216	218	220				68
69		184	194	200	206	210	213	216	218	220				69
70		185	194	201	206	210	213	217	219	221				70
71		185	195	201	207	211	214	217	219	221				71
72		186	195	201	207	211	214	217	220	222				72
73		186	195	202	207	211	214	218	220	222				73
74		186	196	202	208	212	215	218	220	222				74
75		187	196	203	208	212	215	219	221	223				75
76		187	196	203	209	212	216	219	221	223				76
77		188	197	203	209	213	216	219	222	224				77
78		188	197	204	209	213	216	220	222	224				78
79		189	198	204	210	214	217	220	223	225				79
80		189	198	204	210	214	217	221	223	225				80
81		189	199	205	211	214	218	221	224	226				81
82		190	199	205	211	215	218	222	224	226				82
83		191	200	206	211	215	219	222	225	227				83
84		191	200	206	212	216	219	223	225	227				84
85		192	201	207	212	216	220	223	226	228				85
86		192	201	207	213	217	220	224	227	229				86
87		193	202	208	213	217	221	225	227	229				87
88		193	202	208	214	218	221	225	228	230				88
89		194	203	209	215	219	222	226	229	231				89
90		195	204	210	215	219	223	227	229	232				90
91		196	204	210	216	220	224	227	230	232				91
92		197	205	211	217	221	224	228	231	233				92
93		198	206	212	218	222	225	229	232	234				93
94		199	207	213	219	223	226	230	233	235				94
95		200	208	214	220	224	227	231	235	237				95
96		201	209	215	221	225	229	233	236	238				96
97		203	211	217	222	227	230	235	238	240				97
98		205	213	219	224	229	233	237	240	243				98
99		209	216	222	228	232	236	240	244	246				99

Table C.1.11: Winter Science Student Achievement Percentiles

		Grade												
Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
1		156	166	172	177	179	180	182	180	181				1
2		159	169	176	180	183	183	185	184	185				2
3		161	171	178	182	185	186	188	187	188				3
4		163	173	179	184	186	187	189	189	190				4
5		164	174	180	185	187	189	191	190	191				5
6		165	175	181	186	189	190	192	191	193				6
7		166	176	182	187	190	191	193	193	194				7
8		167	177	183	188	190	192	194	194	195				8
9		168	178	184	189	191	192	195	194	196				9
10		169	178	184	189	192	193	196	195	196				10
11		169	179	185	190	193	194	196	196	197				11
12		170	180	186	191	193	195	197	197	198				12
13		171	180	186	191	194	195	198	197	199				13
14		171	181	187	192	194	196	198	198	199				14
15		172	181	187	192	195	196	199	199	200				15
16		172	182	188	193	195	197	199	199	201				16
17		173	182	188	193	196	197	200	200	201				17
18		173	183	189	194	196	198	200	200	202				18
19		174	183	189	194	197	198	201	201	202				19
20		174	183	189	194	197	199	201	201	203				20
21		175	184	190	195	198	199	202	202	203				21
22		175	184	190	195	198	200	202	202	204				22
23		175	185	191	196	198	200	203	203	204				23
24		176	185	191	196	199	201	203	203	205				24
25		176	185	191	196	199	201	204	204	205				25
26		177	186	192	197	200	201	204	204	206				26
27		177	186	192	197	200	202	204	205	206				27
28		177	187	192	197	200	202	205	205	207				28
29		178	187	193	198	201	202	205	206	207				29
30		178	187	193	198	201	203	206	206	207				30
31		178	188	193	198	201	203	206	206	208				31
32		179	188	194	199	202	204	206	207	208				32
33		179	188	194	199	202	204	207	207	209				33
34		179	188	194	199	202	204	207	208	209				34
35		180	189	195	200	203	205	207	208	209				35
36		180	189	195	200	203	205	208	208	210				36
37		180	189	195	200	203	205	208	209	210				37
38		181	190	196	201	204	206	208	209	211				38
39		181	190	196	201	204	206	209	209	211				39
40		181	190	196	201	204	206	209	210	211				40
41		182	191	197	202	205	207	209	210	212				41
42		182	191	197	202	205	207	210	211	212				42
43		182	191	197	202	205	207	210	211	212				43
44		183	192	197	203	205	208	210	211	213				44
45		183	192	198	203	206	208	211	212	213				45
46		183	192	198	203	206	208	211	212	214				46
47		184	192	198	203	206	209	211	212	214				47
48		184	193	199	204	207	209	212	213	214				48
49		184	193	199	204	207	209	212	213	215				49

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Winter Science Student Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50		185	193	199	204	207	209	212	213	215				50
51		185	194	199	205	208	210	213	214	215				51
52		185	194	200	205	208	210	213	214	216				52
53		186	194	200	205	208	210	213	214	216				53
54		186	194	200	205	208	211	214	215	216				54
55		186	195	201	206	209	211	214	215	217				55
56		186	195	201	206	209	211	214	216	217				56
57		187	195	201	206	209	212	215	216	217				57
58		187	196	201	207	210	212	215	216	218				58
59		187	196	202	207	210	212	215	217	218				59
60		188	196	202	207	210	213	216	217	219				60
61		188	197	202	208	211	213	216	217	219				61
62		188	197	203	208	211	213	216	218	219				62
63		189	197	203	208	211	214	217	218	220				63
64		189	197	203	209	212	214	217	218	220				64
65		189	198	204	209	212	214	217	219	221				65
66		190	198	204	209	212	215	218	219	221				66
67		190	198	204	209	213	215	218	220	221				67
68		190	199	205	210	213	215	219	220	222				68
69		191	199	205	210	213	216	219	220	222				69
70		191	199	205	210	214	216	219	221	223				70
71		191	200	206	211	214	217	220	221	223				71
72		192	200	206	211	214	217	220	222	223				72
73		192	200	206	211	215	217	220	222	224				73
74		193	201	207	212	215	218	221	223	224				74
75		193	201	207	212	215	218	221	223	225				75
76		193	202	207	213	216	218	222	223	225				76
77		194	202	208	213	216	219	222	224	226				77
78		194	202	208	213	217	219	223	224	226				78
79		195	203	208	214	217	220	223	225	227				79
80		195	203	209	214	217	220	223	225	227				80
81		195	203	209	215	218	221	224	226	228				81
82		196	204	210	215	218	221	224	226	228				82
83		196	204	210	215	219	222	225	227	229				83
84		197	205	211	216	219	222	226	228	229				84
85		197	205	211	216	220	223	226	228	230				85
86		198	206	212	217	220	223	227	229	231				86
87		198	206	212	217	221	224	227	229	231				87
88		199	207	213	218	221	224	228	230	232				88
89		200	208	213	219	222	225	229	231	233				89
90		200	208	214	219	223	226	229	232	233				90
91		201	209	215	220	223	227	230	232	234				91
92		202	210	215	221	224	227	231	233	235				92
93		203	210	216	222	225	228	232	234	236				93
94		204	211	217	223	226	229	233	235	237				94
95		205	212	218	224	227	230	234	237	239				95
96		206	214	219	225	228	232	235	238	240				96
97		208	215	221	226	230	233	237	240	242				97
98		210	217	223	228	232	236	239	243	245				98
99		213	220	226	232	235	239	243	246	249				99

Table C.1.12: Spring Science Student Achievement Percentiles

		Grade												
Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
1		159	169	174	178	180	180	182	180	180				1
2		162	172	177	181	183	184	185	184	184				2
3		164	174	179	183	185	186	188	186	187				3
4		166	175	181	185	187	188	190	188	189				4
5		167	177	182	186	188	189	191	190	190				5
6		169	178	183	187	189	190	192	191	192				6
7		169	179	184	188	190	191	193	192	193				7
8		170	179	185	189	191	192	194	193	194				8
9		171	180	185	190	192	193	195	194	195				9
10		172	181	186	191	193	194	196	195	196				10
11		173	181	187	191	193	194	197	196	197				11
12		173	182	187	192	194	195	197	197	198				12
13		174	183	188	193	194	196	198	197	198				13
14		174	183	189	193	195	196	199	198	199				14
15		175	184	189	194	196	197	199	199	200				15
16		175	184	190	194	196	198	200	199	200				16
17		176	185	190	195	197	198	200	200	201				17
18		176	185	190	195	197	199	201	201	201				18
19		177	186	191	196	198	199	201	201	202				19
20		177	186	191	196	198	200	202	202	203				20
21		178	186	192	196	198	200	202	202	203				21
22		178	187	192	197	199	200	203	203	204				22
23		179	187	193	197	199	201	203	203	204				23
24		179	188	193	198	200	201	204	204	205				24
25		179	188	193	198	200	202	204	204	205				25
26		180	188	194	198	200	202	205	205	206				26
27		180	189	194	199	201	203	205	205	206				27
28		181	189	194	199	201	203	205	205	207				28
29		181	189	195	199	202	203	206	206	207				29
30		181	190	195	200	202	204	206	206	207				30
31		182	190	195	200	202	204	207	207	208				31
32		182	190	196	201	203	204	207	207	208				32
33		182	191	196	201	203	205	207	208	209				33
34		183	191	196	201	203	205	208	208	209				34
35		183	191	197	202	204	206	208	208	209				35
36		183	192	197	202	204	206	209	209	210				36
37		184	192	197	202	204	206	209	209	210				37
38		184	192	198	202	205	207	209	209	211				38
39		184	193	198	203	205	207	210	210	211				39
40		185	193	198	203	205	207	210	210	211				40
41		185	193	199	203	206	208	210	211	212				41
42		185	194	199	204	206	208	211	211	212				42
43		186	194	199	204	206	208	211	211	213				43
44		186	194	199	204	207	209	211	212	213				44
45		186	194	200	205	207	209	212	212	213				45
46		187	195	200	205	207	209	212	213	214				46
47		187	195	200	205	208	210	212	213	214				47
48		187	195	201	206	208	210	213	213	215				48
49		188	196	201	206	208	210	213	214	215				49

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Spring Science Student Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50		188	196	201	206	208	211	213	214	215				50
51		188	196	202	206	209	211	214	214	216				51
52		188	196	202	207	209	211	214	215	216				52
53		189	197	202	207	209	212	214	215	216				53
54		189	197	202	207	210	212	215	215	217				54
55		189	197	203	208	210	212	215	216	217				55
56		190	198	203	208	210	213	215	216	218				56
57		190	198	203	208	211	213	216	217	218				57
58		190	198	204	209	211	213	216	217	218				58
59		191	199	204	209	211	214	217	217	219				59
60		191	199	204	209	212	214	217	218	219				60
61		191	199	205	210	212	214	217	218	219				61
62		192	199	205	210	212	215	218	218	220				62
63		192	200	205	210	213	215	218	219	220				63
64		192	200	205	211	213	215	218	219	221				64
65		193	200	206	211	213	216	219	220	221				65
66		193	201	206	211	214	216	219	220	222				66
67		193	201	206	212	214	216	219	220	222				67
68		194	201	207	212	214	217	220	221	222				68
69		194	202	207	212	215	217	220	221	223				69
70		194	202	207	213	215	218	221	222	223				70
71		195	202	208	213	215	218	221	222	224				71
72		195	203	208	213	216	218	221	223	224				72
73		196	203	208	214	216	219	222	223	225				73
74		196	203	209	214	216	219	222	223	225				74
75		196	204	209	214	217	219	223	224	225				75
76		197	204	210	215	217	220	223	224	226				76
77		197	205	210	215	218	220	224	225	226				77
78		197	205	210	216	218	221	224	225	227				78
79		198	205	211	216	218	221	224	226	227				79
80		198	206	211	216	219	222	225	226	228				80
81		199	206	212	217	219	222	225	227	229				81
82		199	207	212	217	220	223	226	227	229				82
83		200	207	212	218	220	223	226	228	230				83
84		200	208	213	218	221	224	227	229	230				84
85		201	208	213	219	221	224	228	229	231				85
86		201	209	214	219	222	225	228	230	232				86
87		202	209	214	220	222	225	229	231	232				87
88		203	210	215	220	223	226	229	231	233				88
89		203	210	216	221	224	227	230	232	234				89
90		204	211	216	222	224	227	231	233	235				90
91		205	212	217	222	225	228	232	234	235				91
92		205	212	218	223	226	229	233	235	236				92
93		206	213	219	224	227	230	234	236	238				93
94		207	214	219	225	228	231	235	237	239				94
95		208	215	221	226	229	232	236	238	240				95
96		210	216	222	227	230	234	237	240	242				96
97		211	218	223	229	232	235	239	242	244				97
98		213	220	225	231	234	238	241	244	246				98
99		217	223	229	234	237	241	245	248	250				99

Appendix C.2 - School Status Percentiles

Table C.2.1: Fall Mathematics School Achievement Percentiles

Pct	Grade												Pct	
	K	1	2	3	4	5	6	7	8	9	10	11		12
1	126.9	146.4	161.6	174.6	184.0	192.1	196.6	200.1	202.3	203.2	205.2	207.4	207.1	1
2	128.4	148.0	163.1	176.2	185.9	194.1	198.7	202.5	205.0	206.0	208.0	210.3	210.1	2
3	129.4	149.0	164.1	177.3	187.0	195.3	200.1	204.0	206.7	207.7	209.8	212.1	212.1	3
4	130.1	149.8	164.9	178.0	187.9	196.3	201.1	205.1	207.9	209.0	211.1	213.4	213.5	4
5	130.6	150.4	165.5	178.7	188.6	197.1	201.9	206.0	209.0	210.0	212.2	214.5	214.7	5
6	131.1	150.9	166.0	179.2	189.2	197.7	202.6	206.8	209.8	210.9	213.1	215.5	215.7	6
7	131.6	151.4	166.5	179.7	189.7	198.3	203.2	207.5	210.6	211.7	214.0	216.3	216.6	7
8	131.9	151.8	166.9	180.1	190.2	198.8	203.8	208.1	211.3	212.4	214.7	217.1	217.4	8
9	132.3	152.2	167.3	180.5	190.6	199.3	204.3	208.6	211.9	213.1	215.3	217.7	218.1	9
10	132.6	152.5	167.6	180.8	191.0	199.7	204.7	209.1	212.5	213.7	215.9	218.3	218.7	10
11	132.9	152.9	167.9	181.2	191.4	200.1	205.2	209.6	213.0	214.2	216.5	218.9	219.4	11
12	133.2	153.2	168.2	181.5	191.7	200.5	205.6	210.1	213.5	214.7	217.0	219.5	219.9	12
13	133.4	153.5	168.5	181.8	192.0	200.9	206.0	210.5	214.0	215.2	217.5	220.0	220.5	13
14	133.7	153.7	168.8	182.0	192.3	201.2	206.3	210.9	214.4	215.7	218.0	220.4	221.0	14
15	133.9	154.0	169.0	182.3	192.6	201.5	206.7	211.3	214.9	216.1	218.5	220.9	221.5	15
16	134.2	154.2	169.3	182.5	192.9	201.8	207.0	211.6	215.3	216.5	218.9	221.3	221.9	16
17	134.4	154.5	169.5	182.8	193.2	202.1	207.3	212.0	215.7	216.9	219.3	221.8	222.4	17
18	134.6	154.7	169.7	183.0	193.4	202.4	207.6	212.3	216.0	217.3	219.7	222.2	222.8	18
19	134.8	154.9	170.0	183.2	193.7	202.7	207.9	212.6	216.4	217.7	220.1	222.6	223.2	19
20	135.0	155.1	170.2	183.5	193.9	203.0	208.2	212.9	216.8	218.0	220.4	222.9	223.6	20
21	135.2	155.3	170.4	183.7	194.2	203.2	208.5	213.2	217.1	218.4	220.8	223.3	224.0	21
22	135.4	155.5	170.6	183.9	194.4	203.5	208.7	213.5	217.4	218.7	221.2	223.7	224.4	22
23	135.6	155.7	170.8	184.1	194.6	203.7	209.0	213.8	217.7	219.1	221.5	224.0	224.8	23
24	135.7	155.9	170.9	184.3	194.8	204.0	209.2	214.1	218.1	219.4	221.8	224.3	225.1	24
25	135.9	156.1	171.1	184.5	195.1	204.2	209.5	214.4	218.4	219.7	222.2	224.7	225.5	25
26	136.1	156.3	171.3	184.6	195.3	204.4	209.7	214.7	218.7	220.0	222.5	225.0	225.8	26
27	136.2	156.5	171.5	184.8	195.5	204.6	210.0	214.9	219.0	220.3	222.8	225.3	226.2	27
28	136.4	156.6	171.7	185.0	195.7	204.9	210.2	215.2	219.3	220.6	223.1	225.6	226.5	28
29	136.6	156.8	171.8	185.2	195.9	205.1	210.4	215.4	219.5	220.9	223.4	225.9	226.9	29
30	136.7	157.0	172.0	185.3	196.1	205.3	210.7	215.7	219.8	221.2	223.7	226.2	227.2	30
31	136.9	157.1	172.2	185.5	196.2	205.5	210.9	215.9	220.1	221.5	224.0	226.5	227.5	31
32	137.0	157.3	172.3	185.7	196.4	205.7	211.1	216.2	220.4	221.8	224.3	226.8	227.8	32
33	137.2	157.5	172.5	185.9	196.6	205.9	211.3	216.4	220.6	222.0	224.6	227.1	228.1	33
34	137.3	157.6	172.7	186.0	196.8	206.1	211.5	216.6	220.9	222.3	224.8	227.4	228.4	34
35	137.5	157.8	172.8	186.2	197.0	206.3	211.7	216.9	221.2	222.6	225.1	227.7	228.7	35
36	137.6	157.9	173.0	186.3	197.2	206.5	212.0	217.1	221.4	222.9	225.4	228.0	229.0	36
37	137.8	158.1	173.1	186.5	197.3	206.7	212.2	217.3	221.7	223.1	225.7	228.3	229.3	37
38	137.9	158.3	173.3	186.7	197.5	206.9	212.4	217.6	222.0	223.4	225.9	228.5	229.6	38
39	138.0	158.4	173.4	186.8	197.7	207.1	212.6	217.8	222.2	223.6	226.2	228.8	229.9	39
40	138.2	158.6	173.6	187.0	197.9	207.3	212.8	218.0	222.5	223.9	226.5	229.1	230.2	40
41	138.3	158.7	173.7	187.1	198.0	207.5	213.0	218.2	222.7	224.2	226.7	229.3	230.5	41
42	138.5	158.9	173.9	187.3	198.2	207.7	213.2	218.5	223.0	224.4	227.0	229.6	230.8	42
43	138.6	159.0	174.0	187.4	198.4	207.8	213.4	218.7	223.2	224.7	227.3	229.9	231.1	43
44	138.7	159.2	174.2	187.6	198.5	208.0	213.6	218.9	223.5	224.9	227.5	230.1	231.3	44
45	138.9	159.3	174.3	187.7	198.7	208.2	213.8	219.1	223.7	225.2	227.8	230.4	231.6	45
46	139.0	159.5	174.5	187.9	198.9	208.4	214.0	219.3	223.9	225.4	228.0	230.7	231.9	46
47	139.2	159.6	174.6	188.0	199.0	208.6	214.2	219.6	224.2	225.7	228.3	230.9	232.2	47
48	139.3	159.8	174.7	188.2	199.2	208.8	214.4	219.8	224.4	225.9	228.6	231.2	232.5	48
49	139.4	159.9	174.9	188.3	199.4	209.0	214.6	220.0	224.7	226.2	228.8	231.5	232.7	49

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Fall Mathematics School Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50	139.6	160.0	175.0	188.5	199.5	209.1	214.7	220.2	224.9	226.4	229.1	231.7	233.0	50
51	139.7	160.2	175.2	188.6	199.7	209.3	214.9	220.4	225.2	226.7	229.3	232.0	233.3	51
52	139.8	160.3	175.3	188.8	199.9	209.5	215.1	220.6	225.4	226.9	229.6	232.2	233.6	52
53	140.0	160.5	175.5	188.9	200.1	209.7	215.3	220.9	225.6	227.2	229.8	232.5	233.9	53
54	140.1	160.6	175.6	189.1	200.2	209.9	215.5	221.1	225.9	227.4	230.1	232.8	234.1	54
55	140.2	160.8	175.8	189.2	200.4	210.1	215.7	221.3	226.1	227.7	230.4	233.0	234.4	55
56	140.4	160.9	175.9	189.4	200.6	210.2	215.9	221.5	226.4	227.9	230.6	233.3	234.7	56
57	140.5	161.1	176.1	189.5	200.7	210.4	216.1	221.7	226.6	228.2	230.9	233.6	235.0	57
58	140.7	161.2	176.2	189.7	200.9	210.6	216.3	222.0	226.9	228.4	231.1	233.8	235.3	58
59	140.8	161.4	176.4	189.8	201.1	210.8	216.5	222.2	227.1	228.7	231.4	234.1	235.6	59
60	140.9	161.5	176.5	190.0	201.2	211.0	216.7	222.4	227.4	229.0	231.7	234.4	235.8	60
61	141.1	161.7	176.7	190.1	201.4	211.2	216.9	222.6	227.6	229.2	231.9	234.6	236.1	61
62	141.2	161.8	176.8	190.3	201.6	211.4	217.1	222.8	227.9	229.5	232.2	234.9	236.4	62
63	141.4	162.0	177.0	190.5	201.8	211.6	217.3	223.1	228.1	229.7	232.5	235.2	236.7	63
64	141.5	162.1	177.1	190.6	201.9	211.8	217.5	223.3	228.4	230.0	232.7	235.5	237.0	64
65	141.7	162.3	177.3	190.8	202.1	212.0	217.8	223.5	228.7	230.3	233.0	235.7	237.3	65
66	141.8	162.5	177.4	190.9	202.3	212.2	218.0	223.8	228.9	230.5	233.3	236.0	237.6	66
67	142.0	162.6	177.6	191.1	202.5	212.4	218.2	224.0	229.2	230.8	233.6	236.3	237.9	67
68	142.1	162.8	177.7	191.3	202.7	212.6	218.4	224.2	229.5	231.1	233.9	236.6	238.2	68
69	142.3	163.0	177.9	191.4	202.9	212.8	218.6	224.5	229.7	231.4	234.1	236.9	238.5	69
70	142.4	163.1	178.1	191.6	203.0	213.0	218.8	224.7	230.0	231.7	234.4	237.2	238.9	70
71	142.6	163.3	178.2	191.8	203.2	213.2	219.1	225.0	230.3	231.9	234.7	237.5	239.2	71
72	142.7	163.5	178.4	192.0	203.4	213.4	219.3	225.2	230.6	232.2	235.0	237.8	239.5	72
73	142.9	163.6	178.6	192.1	203.6	213.6	219.5	225.5	230.9	232.5	235.3	238.1	239.8	73
74	143.1	163.8	178.8	192.3	203.8	213.9	219.8	225.8	231.2	232.8	235.7	238.4	240.2	74
75	143.2	164.0	178.9	192.5	204.0	214.1	220.0	226.0	231.5	233.2	236.0	238.8	240.5	75
76	143.4	164.2	179.1	192.7	204.3	214.3	220.3	226.3	231.8	233.5	236.3	239.1	240.9	76
77	143.6	164.4	179.3	192.9	204.5	214.6	220.5	226.6	232.1	233.8	236.6	239.4	241.2	77
78	143.8	164.6	179.5	193.1	204.7	214.8	220.8	226.9	232.4	234.1	237.0	239.8	241.6	78
79	143.9	164.8	179.7	193.3	204.9	215.0	221.0	227.2	232.7	234.5	237.3	240.1	242.0	79
80	144.1	165.0	179.9	193.5	205.2	215.3	221.3	227.5	233.1	234.8	237.7	240.5	242.4	80
81	144.3	165.2	180.1	193.7	205.4	215.6	221.6	227.8	233.4	235.2	238.1	240.9	242.8	81
82	144.5	165.4	180.3	193.9	205.7	215.8	221.9	228.1	233.8	235.6	238.4	241.3	243.2	82
83	144.7	165.6	180.6	194.2	205.9	216.1	222.2	228.4	234.2	235.9	238.8	241.7	243.6	83
84	145.0	165.9	180.8	194.4	206.2	216.4	222.5	228.8	234.6	236.3	239.3	242.1	244.1	84
85	145.2	166.1	181.0	194.7	206.5	216.7	222.8	229.2	235.0	236.8	239.7	242.5	244.6	85
86	145.4	166.4	181.3	194.9	206.8	217.1	223.2	229.5	235.4	237.2	240.1	243.0	245.0	86
87	145.7	166.6	181.6	195.2	207.1	217.4	223.5	229.9	235.8	237.7	240.6	243.5	245.6	87
88	145.9	166.9	181.8	195.5	207.4	217.7	223.9	230.3	236.3	238.1	241.1	244.0	246.1	88
89	146.2	167.2	182.1	195.8	207.7	218.1	224.3	230.8	236.8	238.7	241.6	244.5	246.7	89
90	146.5	167.6	182.5	196.1	208.1	218.5	224.7	231.3	237.4	239.2	242.2	245.1	247.3	90
91	146.8	167.9	182.8	196.5	208.5	219.0	225.2	231.8	237.9	239.8	242.8	245.7	247.9	91
92	147.2	168.3	183.2	196.9	208.9	219.4	225.7	232.3	238.6	240.4	243.5	246.4	248.7	92
93	147.6	168.7	183.6	197.3	209.4	220.0	226.3	232.9	239.2	241.1	244.2	247.1	249.5	93
94	148.0	169.2	184.0	197.7	209.9	220.5	226.9	233.6	240.0	241.9	245.0	248.0	250.3	94
95	148.5	169.7	184.6	198.3	210.5	221.2	227.6	234.4	240.9	242.8	245.9	248.9	251.3	95
96	149.1	170.3	185.2	198.9	211.2	222.0	228.4	235.3	241.9	243.9	247.0	250.0	252.5	96
97	149.8	171.1	185.9	199.7	212.1	222.9	229.4	236.4	243.2	245.2	248.3	251.4	254.0	97
98	150.7	172.1	186.9	200.7	213.2	224.2	230.8	237.9	244.8	246.9	250.1	253.2	255.9	98
99	152.2	173.7	188.5	202.3	215.1	226.2	232.9	240.3	247.5	249.6	252.9	256.0	258.9	99

Table C.2.2: Winter Mathematics School Achievement Percentiles

Pct	Grade												Pct	
	K	1	2	3	4	5	6	7	8	9	10	11		12
1	138.2	156.4	170.2	181.7	189.8	196.5	200.6	203.3	205.1	205.4	207.1	209.0	206.9	1
2	139.6	158.0	171.8	183.4	191.7	198.6	202.8	205.7	207.8	208.1	209.9	211.9	210.0	2
3	140.5	159.0	172.9	184.5	192.9	200.0	204.2	207.3	209.5	209.8	211.7	213.7	212.0	3
4	141.1	159.8	173.6	185.3	193.8	201.0	205.3	208.4	210.8	211.1	213.1	215.1	213.5	4
5	141.7	160.4	174.3	186.0	194.5	201.8	206.2	209.4	211.9	212.2	214.2	216.2	214.7	5
6	142.1	160.9	174.8	186.5	195.2	202.5	206.9	210.2	212.7	213.1	215.1	217.1	215.7	6
7	142.5	161.4	175.3	187.0	195.7	203.1	207.5	210.9	213.5	213.9	215.9	217.9	216.6	7
8	142.9	161.8	175.7	187.5	196.2	203.7	208.1	211.5	214.2	214.6	216.6	218.7	217.4	8
9	143.2	162.2	176.1	187.9	196.7	204.2	208.6	212.1	214.9	215.2	217.3	219.4	218.1	9
10	143.5	162.6	176.4	188.2	197.1	204.7	209.1	212.6	215.5	215.8	217.9	220.0	218.8	10
11	143.8	162.9	176.8	188.6	197.5	205.1	209.6	213.1	216.0	216.4	218.5	220.6	219.4	11
12	144.1	163.2	177.1	188.9	197.8	205.5	210.0	213.6	216.5	216.9	219.0	221.1	220.0	12
13	144.3	163.5	177.4	189.2	198.2	205.9	210.4	214.0	217.0	217.4	219.5	221.6	220.5	13
14	144.6	163.8	177.6	189.5	198.5	206.2	210.8	214.4	217.4	217.8	220.0	222.1	221.1	14
15	144.8	164.0	177.9	189.8	198.8	206.6	211.1	214.8	217.9	218.3	220.5	222.6	221.6	15
16	145.0	164.3	178.1	190.0	199.1	206.9	211.5	215.2	218.3	218.7	220.9	223.0	222.0	16
17	145.2	164.5	178.4	190.3	199.4	207.2	211.8	215.5	218.7	219.1	221.3	223.4	222.5	17
18	145.4	164.7	178.6	190.5	199.6	207.5	212.1	215.9	219.1	219.5	221.7	223.9	222.9	18
19	145.6	165.0	178.8	190.8	199.9	207.8	212.4	216.2	219.4	219.9	222.1	224.2	223.4	19
20	145.8	165.2	179.1	191.0	200.2	208.1	212.7	216.5	219.8	220.2	222.5	224.6	223.8	20
21	146.0	165.4	179.3	191.2	200.4	208.4	213.0	216.8	220.1	220.6	222.8	225.0	224.2	21
22	146.2	165.6	179.5	191.4	200.6	208.6	213.3	217.1	220.5	220.9	223.2	225.4	224.6	22
23	146.3	165.8	179.7	191.6	200.9	208.9	213.5	217.4	220.8	221.3	223.5	225.7	224.9	23
24	146.5	166.0	179.9	191.8	201.1	209.2	213.8	217.7	221.1	221.6	223.9	226.1	225.3	24
25	146.7	166.2	180.1	192.0	201.3	209.4	214.1	218.0	221.5	221.9	224.2	226.4	225.7	25
26	146.8	166.4	180.2	192.2	201.6	209.7	214.3	218.3	221.8	222.2	224.5	226.7	226.0	26
27	147.0	166.5	180.4	192.4	201.8	209.9	214.6	218.6	222.1	222.5	224.9	227.0	226.4	27
28	147.1	166.7	180.6	192.6	202.0	210.1	214.8	218.8	222.4	222.8	225.2	227.4	226.7	28
29	147.3	166.9	180.8	192.8	202.2	210.4	215.0	219.1	222.6	223.1	225.5	227.7	227.0	29
30	147.4	167.1	180.9	193.0	202.4	210.6	215.3	219.4	222.9	223.4	225.8	228.0	227.4	30
31	147.6	167.2	181.1	193.1	202.6	210.8	215.5	219.6	223.2	223.7	226.1	228.3	227.7	31
32	147.7	167.4	181.3	193.3	202.8	211.0	215.7	219.9	223.5	224.0	226.4	228.6	228.0	32
33	147.9	167.6	181.4	193.5	203.0	211.3	216.0	220.1	223.8	224.3	226.6	228.9	228.3	33
34	148.0	167.7	181.6	193.7	203.2	211.5	216.2	220.4	224.0	224.5	226.9	229.1	228.6	34
35	148.2	167.9	181.8	193.8	203.4	211.7	216.4	220.6	224.3	224.8	227.2	229.4	228.9	35
36	148.3	168.0	181.9	194.0	203.5	211.9	216.6	220.8	224.6	225.1	227.5	229.7	229.2	36
37	148.4	168.2	182.1	194.2	203.7	212.1	216.9	221.1	224.8	225.3	227.8	230.0	229.6	37
38	148.6	168.4	182.2	194.3	203.9	212.3	217.1	221.3	225.1	225.6	228.0	230.3	229.9	38
39	148.7	168.5	182.4	194.5	204.1	212.5	217.3	221.5	225.4	225.9	228.3	230.6	230.1	39
40	148.8	168.7	182.6	194.6	204.3	212.7	217.5	221.8	225.6	226.1	228.6	230.8	230.4	40
41	149.0	168.8	182.7	194.8	204.5	212.9	217.7	222.0	225.9	226.4	228.9	231.1	230.7	41
42	149.1	169.0	182.9	195.0	204.6	213.1	217.9	222.2	226.1	226.6	229.1	231.4	231.0	42
43	149.2	169.1	183.0	195.1	204.8	213.3	218.1	222.5	226.4	226.9	229.4	231.6	231.3	43
44	149.4	169.3	183.2	195.3	205.0	213.5	218.3	222.7	226.6	227.2	229.6	231.9	231.6	44
45	149.5	169.4	183.3	195.4	205.2	213.7	218.5	222.9	226.9	227.4	229.9	232.2	231.9	45
46	149.6	169.6	183.5	195.6	205.4	213.9	218.7	223.1	227.1	227.7	230.2	232.4	232.2	46
47	149.7	169.7	183.6	195.8	205.5	214.1	218.9	223.4	227.4	227.9	230.4	232.7	232.5	47
48	149.9	169.9	183.8	195.9	205.7	214.3	219.2	223.6	227.6	228.2	230.7	233.0	232.7	48
49	150.0	170.0	183.9	196.1	205.9	214.5	219.4	223.8	227.9	228.4	230.9	233.2	233.0	49

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Winter Mathematics School Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50	150.1	170.2	184.1	196.2	206.1	214.7	219.6	224.0	228.1	228.7	231.2	233.5	233.3	50
51	150.3	170.3	184.2	196.4	206.2	214.9	219.8	224.3	228.4	228.9	231.5	233.8	233.6	51
52	150.4	170.5	184.4	196.5	206.4	215.1	220.0	224.5	228.6	229.2	231.7	234.0	233.9	52
53	150.5	170.6	184.5	196.7	206.6	215.3	220.2	224.7	228.9	229.4	232.0	234.3	234.2	53
54	150.6	170.8	184.7	196.9	206.8	215.5	220.4	224.9	229.1	229.7	232.3	234.6	234.5	54
55	150.8	170.9	184.8	197.0	206.9	215.7	220.6	225.2	229.4	229.9	232.5	234.8	234.7	55
56	150.9	171.1	185.0	197.2	207.1	215.9	220.8	225.4	229.6	230.2	232.8	235.1	235.0	56
57	151.0	171.2	185.1	197.3	207.3	216.1	221.0	225.6	229.9	230.4	233.0	235.3	235.3	57
58	151.2	171.4	185.3	197.5	207.5	216.3	221.2	225.8	230.1	230.7	233.3	235.6	235.6	58
59	151.3	171.5	185.4	197.6	207.6	216.5	221.4	226.1	230.4	231.0	233.6	235.9	235.9	59
60	151.4	171.7	185.6	197.8	207.8	216.7	221.6	226.3	230.6	231.2	233.8	236.2	236.2	60
61	151.6	171.8	185.7	198.0	208.0	216.9	221.8	226.5	230.9	231.5	234.1	236.4	236.5	61
62	151.7	172.0	185.9	198.1	208.2	217.1	222.0	226.8	231.1	231.7	234.4	236.7	236.8	62
63	151.8	172.2	186.0	198.3	208.4	217.3	222.3	227.0	231.4	232.0	234.7	237.0	237.1	63
64	152.0	172.3	186.2	198.5	208.6	217.5	222.5	227.2	231.7	232.3	234.9	237.3	237.4	64
65	152.1	172.5	186.4	198.6	208.8	217.7	222.7	227.5	231.9	232.5	235.2	237.6	237.7	65
66	152.3	172.6	186.5	198.8	208.9	217.9	222.9	227.7	232.2	232.8	235.5	237.8	238.0	66
67	152.4	172.8	186.7	199.0	209.1	218.1	223.1	228.0	232.5	233.1	235.8	238.1	238.3	67
68	152.5	173.0	186.8	199.1	209.3	218.4	223.4	228.2	232.7	233.4	236.1	238.4	238.6	68
69	152.7	173.1	187.0	199.3	209.5	218.6	223.6	228.5	233.0	233.6	236.4	238.7	238.9	69
70	152.8	173.3	187.2	199.5	209.7	218.8	223.8	228.7	233.3	233.9	236.6	239.0	239.3	70
71	153.0	173.5	187.4	199.7	209.9	219.0	224.1	229.0	233.6	234.2	236.9	239.3	239.6	71
72	153.1	173.6	187.5	199.9	210.1	219.3	224.3	229.2	233.9	234.5	237.3	239.6	239.9	72
73	153.3	173.8	187.7	200.1	210.3	219.5	224.6	229.5	234.2	234.8	237.6	239.9	240.3	73
74	153.4	174.0	187.9	200.2	210.6	219.7	224.8	229.8	234.5	235.1	237.9	240.3	240.6	74
75	153.6	174.2	188.1	200.4	210.8	220.0	225.1	230.1	234.8	235.4	238.2	240.6	241.0	75
76	153.8	174.4	188.3	200.6	211.0	220.2	225.3	230.3	235.1	235.8	238.5	240.9	241.3	76
77	153.9	174.6	188.5	200.8	211.2	220.5	225.6	230.6	235.4	236.1	238.9	241.3	241.7	77
78	154.1	174.8	188.7	201.0	211.5	220.8	225.9	230.9	235.8	236.4	239.2	241.6	242.1	78
79	154.3	175.0	188.9	201.3	211.7	221.0	226.1	231.2	236.1	236.8	239.6	242.0	242.5	79
80	154.5	175.2	189.1	201.5	211.9	221.3	226.4	231.5	236.4	237.1	239.9	242.4	242.9	80
81	154.6	175.4	189.3	201.7	212.2	221.6	226.7	231.9	236.8	237.5	240.3	242.7	243.3	81
82	154.8	175.6	189.5	201.9	212.5	221.9	227.0	232.2	237.2	237.8	240.7	243.1	243.7	82
83	155.0	175.8	189.7	202.2	212.7	222.2	227.3	232.6	237.6	238.2	241.1	243.5	244.1	83
84	155.2	176.1	190.0	202.4	213.0	222.5	227.7	232.9	238.0	238.6	241.5	244.0	244.6	84
85	155.5	176.3	190.2	202.7	213.3	222.8	228.0	233.3	238.4	239.1	242.0	244.4	245.1	85
86	155.7	176.6	190.5	203.0	213.6	223.2	228.4	233.7	238.8	239.5	242.4	244.9	245.6	86
87	155.9	176.9	190.8	203.3	213.9	223.5	228.7	234.1	239.3	240.0	242.9	245.4	246.1	87
88	156.2	177.2	191.1	203.6	214.3	223.9	229.1	234.5	239.7	240.5	243.4	245.9	246.6	88
89	156.4	177.5	191.4	203.9	214.6	224.3	229.6	235.0	240.2	241.0	243.9	246.4	247.2	89
90	156.7	177.8	191.7	204.2	215.0	224.7	230.0	235.5	240.8	241.5	244.5	247.0	247.8	90
91	157.0	178.1	192.0	204.6	215.4	225.2	230.5	236.0	241.4	242.1	245.1	247.6	248.5	91
92	157.4	178.5	192.4	205.0	215.9	225.7	231.0	236.6	242.0	242.8	245.8	248.3	249.2	92
93	157.7	178.9	192.8	205.4	216.4	226.3	231.6	237.2	242.7	243.5	246.5	249.0	250.0	93
94	158.1	179.4	193.3	205.9	216.9	226.9	232.2	237.9	243.5	244.3	247.3	249.9	250.9	94
95	158.6	180.0	193.9	206.5	217.6	227.6	233.0	238.7	244.4	245.2	248.3	250.8	252.0	95
96	159.1	180.6	194.5	207.1	218.3	228.4	233.8	239.7	245.4	246.2	249.4	251.9	253.2	96
97	159.8	181.4	195.3	208.0	219.2	229.4	234.9	240.8	246.7	247.5	250.7	253.3	254.6	97
98	160.7	182.4	196.3	209.0	220.4	230.8	236.3	242.4	248.4	249.3	252.5	255.1	256.6	98
99	162.1	184.0	197.9	210.7	222.3	232.9	238.5	244.8	251.1	252.0	255.3	258.0	259.7	99

Table C.2.3: Spring Mathematics School Achievement Percentiles

Pct	Grade												Pct	
	K	1	2	3	4	5	6	7	8	9	10	11		12
1	145.1	161.9	174.9	185.8	193.4	199.3	203.0	205.3	206.7	206.4	207.9	209.4	207.3	1
2	146.5	163.6	176.6	187.6	195.4	201.6	205.4	207.8	209.5	209.2	210.8	212.3	210.4	2
3	147.4	164.7	177.7	188.7	196.7	203.0	206.8	209.4	211.2	211.0	212.6	214.2	212.4	3
4	148.1	165.5	178.5	189.6	197.6	204.1	207.9	210.6	212.5	212.3	214.0	215.5	213.9	4
5	148.6	166.2	179.1	190.3	198.4	205.0	208.8	211.5	213.6	213.3	215.1	216.7	215.2	5
6	149.1	166.7	179.7	190.8	199.1	205.8	209.6	212.4	214.5	214.3	216.0	217.6	216.2	6
7	149.5	167.2	180.2	191.4	199.7	206.4	210.3	213.1	215.3	215.1	216.9	218.5	217.1	7
8	149.9	167.7	180.6	191.8	200.2	207.0	210.9	213.8	216.0	215.8	217.6	219.2	217.9	8
9	150.2	168.1	181.0	192.3	200.6	207.6	211.4	214.4	216.7	216.4	218.3	219.9	218.7	9
10	150.5	168.4	181.4	192.6	201.1	208.0	211.9	214.9	217.3	217.0	218.9	220.6	219.4	10
11	150.8	168.8	181.8	193.0	201.5	208.5	212.4	215.4	217.9	217.6	219.5	221.1	220.0	11
12	151.1	169.1	182.1	193.3	201.9	208.9	212.9	215.9	218.4	218.1	220.0	221.7	220.6	12
13	151.3	169.4	182.4	193.7	202.2	209.3	213.3	216.3	218.9	218.6	220.5	222.2	221.2	13
14	151.5	169.7	182.7	194.0	202.6	209.7	213.7	216.8	219.3	219.1	221.0	222.7	221.7	14
15	151.8	169.9	182.9	194.3	202.9	210.1	214.0	217.2	219.8	219.5	221.5	223.2	222.2	15
16	152.0	170.2	183.2	194.5	203.2	210.4	214.4	217.5	220.2	219.9	221.9	223.6	222.7	16
17	152.2	170.5	183.5	194.8	203.5	210.8	214.7	217.9	220.6	220.4	222.4	224.1	223.2	17
18	152.4	170.7	183.7	195.1	203.8	211.1	215.1	218.3	221.0	220.7	222.8	224.5	223.6	18
19	152.6	170.9	183.9	195.3	204.1	211.4	215.4	218.6	221.4	221.1	223.2	224.9	224.0	19
20	152.8	171.2	184.2	195.5	204.3	211.7	215.7	219.0	221.8	221.5	223.5	225.3	224.5	20
21	153.0	171.4	184.4	195.8	204.6	212.0	216.0	219.3	222.1	221.9	223.9	225.6	224.9	21
22	153.1	171.6	184.6	196.0	204.8	212.3	216.3	219.6	222.5	222.2	224.3	226.0	225.3	22
23	153.3	171.8	184.8	196.2	205.1	212.6	216.6	219.9	222.8	222.5	224.6	226.4	225.6	23
24	153.5	172.0	185.0	196.4	205.3	212.9	216.9	220.2	223.1	222.9	225.0	226.7	226.0	24
25	153.6	172.2	185.2	196.6	205.5	213.1	217.1	220.5	223.5	223.2	225.3	227.0	226.4	25
26	153.8	172.4	185.4	196.8	205.8	213.4	217.4	220.8	223.8	223.5	225.6	227.4	226.8	26
27	154.0	172.6	185.6	197.0	206.0	213.6	217.7	221.1	224.1	223.8	226.0	227.7	227.1	27
28	154.1	172.8	185.8	197.2	206.2	213.9	217.9	221.3	224.4	224.1	226.3	228.0	227.5	28
29	154.3	173.0	186.0	197.4	206.4	214.1	218.2	221.6	224.7	224.4	226.6	228.3	227.8	29
30	154.4	173.1	186.1	197.6	206.7	214.4	218.4	221.9	225.0	224.7	226.9	228.6	228.1	30
31	154.6	173.3	186.3	197.8	206.9	214.6	218.6	222.2	225.3	225.0	227.2	229.0	228.5	31
32	154.7	173.5	186.5	198.0	207.1	214.8	218.9	222.4	225.6	225.3	227.5	229.3	228.8	32
33	154.8	173.7	186.7	198.2	207.3	215.1	219.1	222.7	225.8	225.6	227.8	229.5	229.1	33
34	155.0	173.8	186.8	198.4	207.5	215.3	219.4	222.9	226.1	225.8	228.1	229.8	229.4	34
35	155.1	174.0	187.0	198.5	207.7	215.5	219.6	223.2	226.4	226.1	228.4	230.1	229.7	35
36	155.3	174.2	187.2	198.7	207.9	215.8	219.8	223.4	226.7	226.4	228.6	230.4	230.0	36
37	155.4	174.3	187.3	198.9	208.1	216.0	220.0	223.7	226.9	226.7	228.9	230.7	230.4	37
38	155.5	174.5	187.5	199.1	208.3	216.2	220.3	223.9	227.2	226.9	229.2	231.0	230.7	38
39	155.7	174.7	187.7	199.2	208.5	216.4	220.5	224.2	227.5	227.2	229.5	231.3	231.0	39
40	155.8	174.8	187.8	199.4	208.6	216.6	220.7	224.4	227.7	227.5	229.7	231.5	231.3	40
41	155.9	175.0	188.0	199.6	208.8	216.8	220.9	224.6	228.0	227.7	230.0	231.8	231.6	41
42	156.1	175.1	188.2	199.7	209.0	217.1	221.2	224.9	228.3	228.0	230.3	232.1	231.9	42
43	156.2	175.3	188.3	199.9	209.2	217.3	221.4	225.1	228.5	228.2	230.6	232.4	232.2	43
44	156.3	175.5	188.5	200.1	209.4	217.5	221.6	225.3	228.8	228.5	230.8	232.6	232.4	44
45	156.5	175.6	188.6	200.3	209.6	217.7	221.8	225.6	229.0	228.8	231.1	232.9	232.7	45
46	156.6	175.8	188.8	200.4	209.8	217.9	222.0	225.8	229.3	229.0	231.4	233.2	233.0	46
47	156.7	175.9	188.9	200.6	210.0	218.1	222.2	226.0	229.5	229.3	231.6	233.4	233.3	47
48	156.8	176.1	189.1	200.7	210.1	218.3	222.5	226.3	229.8	229.5	231.9	233.7	233.6	48
49	157.0	176.2	189.3	200.9	210.3	218.5	222.7	226.5	230.0	229.8	232.2	234.0	233.9	49

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Spring Mathematics School Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50	157.1	176.4	189.4	201.1	210.5	218.7	222.9	226.7	230.3	230.0	232.4	234.2	234.2	50
51	157.2	176.6	189.6	201.2	210.7	219.0	223.1	227.0	230.6	230.3	232.7	234.5	234.5	51
52	157.4	176.7	189.7	201.4	210.9	219.2	223.3	227.2	230.8	230.5	232.9	234.8	234.8	52
53	157.5	176.9	189.9	201.6	211.1	219.4	223.5	227.4	231.1	230.8	233.2	235.1	235.1	53
54	157.6	177.0	190.0	201.7	211.3	219.6	223.7	227.7	231.3	231.1	233.5	235.3	235.4	54
55	157.8	177.2	190.2	201.9	211.4	219.8	224.0	227.9	231.6	231.3	233.7	235.6	235.6	55
56	157.9	177.3	190.4	202.1	211.6	220.0	224.2	228.1	231.8	231.6	234.0	235.9	235.9	56
57	158.0	177.5	190.5	202.2	211.8	220.2	224.4	228.4	232.1	231.8	234.3	236.1	236.2	57
58	158.1	177.7	190.7	202.4	212.0	220.4	224.6	228.6	232.3	232.1	234.5	236.4	236.5	58
59	158.3	177.8	190.8	202.6	212.2	220.6	224.8	228.8	232.6	232.3	234.8	236.7	236.8	59
60	158.4	178.0	191.0	202.7	212.4	220.9	225.0	229.1	232.9	232.6	235.1	237.0	237.1	60
61	158.5	178.1	191.2	202.9	212.6	221.1	225.3	229.3	233.1	232.9	235.4	237.2	237.4	61
62	158.7	178.3	191.3	203.1	212.8	221.3	225.5	229.6	233.4	233.1	235.6	237.5	237.7	62
63	158.8	178.5	191.5	203.3	213.0	221.5	225.7	229.8	233.7	233.4	235.9	237.8	238.0	63
64	159.0	178.6	191.7	203.4	213.1	221.7	225.9	230.0	233.9	233.7	236.2	238.1	238.3	64
65	159.1	178.8	191.8	203.6	213.3	222.0	226.2	230.3	234.2	233.9	236.5	238.4	238.6	65
66	159.2	179.0	192.0	203.8	213.5	222.2	226.4	230.5	234.5	234.2	236.8	238.7	239.0	66
67	159.4	179.1	192.2	204.0	213.7	222.4	226.6	230.8	234.8	234.5	237.1	238.9	239.3	67
68	159.5	179.3	192.3	204.2	214.0	222.7	226.9	231.0	235.0	234.8	237.4	239.2	239.6	68
69	159.7	179.5	192.5	204.3	214.2	222.9	227.1	231.3	235.3	235.1	237.6	239.5	239.9	69
70	159.8	179.7	192.7	204.5	214.4	223.1	227.4	231.6	235.6	235.4	238.0	239.9	240.3	70
71	160.0	179.8	192.9	204.7	214.6	223.4	227.6	231.8	235.9	235.6	238.3	240.2	240.6	71
72	160.1	180.0	193.1	204.9	214.8	223.6	227.9	232.1	236.2	235.9	238.6	240.5	240.9	72
73	160.3	180.2	193.2	205.1	215.0	223.9	228.1	232.4	236.5	236.3	238.9	240.8	241.3	73
74	160.4	180.4	193.4	205.3	215.2	224.1	228.4	232.7	236.8	236.6	239.2	241.1	241.6	74
75	160.6	180.6	193.6	205.5	215.5	224.4	228.6	233.0	237.1	236.9	239.5	241.5	242.0	75
76	160.7	180.8	193.8	205.7	215.7	224.6	228.9	233.3	237.5	237.2	239.9	241.8	242.4	76
77	160.9	181.0	194.0	205.9	215.9	224.9	229.2	233.6	237.8	237.5	240.2	242.1	242.7	77
78	161.1	181.2	194.2	206.2	216.2	225.2	229.5	233.9	238.1	237.9	240.6	242.5	243.1	78
79	161.3	181.4	194.5	206.4	216.4	225.5	229.8	234.2	238.5	238.2	240.9	242.9	243.5	79
80	161.4	181.6	194.7	206.6	216.7	225.8	230.1	234.5	238.8	238.6	241.3	243.2	243.9	80
81	161.6	181.9	194.9	206.9	217.0	226.1	230.4	234.8	239.2	238.9	241.7	243.6	244.3	81
82	161.8	182.1	195.1	207.1	217.2	226.4	230.7	235.2	239.6	239.3	242.1	244.0	244.8	82
83	162.0	182.3	195.4	207.4	217.5	226.7	231.0	235.5	240.0	239.7	242.5	244.4	245.2	83
84	162.2	182.6	195.6	207.6	217.8	227.1	231.4	235.9	240.4	240.1	242.9	244.9	245.7	84
85	162.4	182.9	195.9	207.9	218.1	227.4	231.7	236.3	240.8	240.5	243.3	245.3	246.2	85
86	162.7	183.1	196.2	208.2	218.5	227.8	232.1	236.7	241.3	241.0	243.8	245.8	246.7	86
87	162.9	183.4	196.5	208.5	218.8	228.2	232.5	237.1	241.7	241.5	244.3	246.3	247.2	87
88	163.2	183.7	196.8	208.8	219.2	228.6	232.9	237.6	242.2	242.0	244.8	246.8	247.8	88
89	163.4	184.0	197.1	209.2	219.5	229.0	233.3	238.1	242.7	242.5	245.4	247.4	248.4	89
90	163.7	184.4	197.4	209.5	219.9	229.4	233.8	238.6	243.3	243.0	245.9	247.9	249.0	90
91	164.0	184.7	197.8	209.9	220.4	229.9	234.3	239.1	243.9	243.6	246.6	248.6	249.7	91
92	164.3	185.2	198.2	210.3	220.9	230.5	234.9	239.7	244.6	244.3	247.2	249.3	250.4	92
93	164.7	185.6	198.6	210.8	221.4	231.1	235.5	240.4	245.3	245.0	248.0	250.0	251.3	93
94	165.1	186.1	199.1	211.3	222.0	231.7	236.1	241.1	246.1	245.8	248.8	250.9	252.2	94
95	165.6	186.6	199.7	211.9	222.6	232.5	236.9	241.9	247.0	246.7	249.8	251.8	253.2	95
96	166.1	187.3	200.4	212.6	223.4	233.4	237.8	242.9	248.1	247.8	250.9	253.0	254.4	96
97	166.8	188.1	201.2	213.5	224.4	234.5	238.9	244.1	249.4	249.1	252.3	254.3	255.9	97
98	167.7	189.2	202.2	214.6	225.6	235.9	240.4	245.7	251.1	250.9	254.1	256.2	257.9	98
99	169.1	190.9	204.0	216.4	227.6	238.2	242.7	248.2	253.9	253.6	257.0	259.1	261.1	99

Table C.2.4: Fall Reading School Achievement Percentiles

Pct	Grade												Pct	
	K	1	2	3	4	5	6	7	8	9	10	11		12
1	124.4	143.3	157.2	169.9	179.9	187.9	193.5	197.3	199.7	196.7	201.7	204.5	202.1	1
2	125.9	144.8	159.0	171.9	181.8	189.9	195.5	199.3	201.8	199.3	204.0	206.8	204.7	2
3	126.8	145.7	160.1	173.1	183.1	191.1	196.7	200.5	203.2	200.9	205.5	208.2	206.3	3
4	127.5	146.4	161.0	174.1	184.0	192.0	197.6	201.5	204.2	202.2	206.6	209.2	207.5	4
5	128.0	147.0	161.7	174.8	184.8	192.8	198.4	202.3	205.1	203.2	207.5	210.1	208.5	5
6	128.5	147.5	162.2	175.5	185.4	193.4	199.0	202.9	205.8	204.1	208.2	210.8	209.3	6
7	128.9	147.9	162.8	176.0	186.0	194.0	199.6	203.5	206.4	204.8	208.9	211.5	210.0	7
8	129.3	148.3	163.2	176.5	186.5	194.5	200.1	204.0	206.9	205.5	209.5	212.1	210.7	8
9	129.6	148.7	163.6	177.0	187.0	194.9	200.6	204.5	207.5	206.1	210.1	212.6	211.3	9
10	129.9	149.0	164.0	177.4	187.4	195.4	201.0	204.9	207.9	206.7	210.6	213.1	211.9	10
11	130.2	149.3	164.4	177.8	187.8	195.8	201.4	205.3	208.4	207.2	211.0	213.5	212.4	11
12	130.5	149.6	164.7	178.2	188.2	196.1	201.8	205.7	208.8	207.7	211.5	213.9	212.8	12
13	130.7	149.8	165.0	178.5	188.5	196.5	202.1	206.0	209.1	208.1	211.9	214.3	213.3	13
14	131.0	150.1	165.3	178.9	188.9	196.8	202.4	206.4	209.5	208.6	212.3	214.7	213.7	14
15	131.2	150.3	165.6	179.2	189.2	197.1	202.8	206.7	209.8	209.0	212.7	215.1	214.1	15
16	131.4	150.5	165.9	179.5	189.5	197.4	203.1	207.0	210.2	209.4	213.0	215.4	214.5	16
17	131.6	150.8	166.1	179.8	189.8	197.7	203.3	207.3	210.5	209.8	213.4	215.7	214.9	17
18	131.8	151.0	166.4	180.1	190.1	198.0	203.6	207.6	210.8	210.2	213.7	216.1	215.3	18
19	132.0	151.2	166.6	180.3	190.3	198.2	203.9	207.8	211.1	210.5	214.0	216.4	215.6	19
20	132.2	151.4	166.9	180.6	190.6	198.5	204.1	208.1	211.4	210.9	214.3	216.7	216.0	20
21	132.4	151.6	167.1	180.8	190.8	198.7	204.4	208.3	211.7	211.2	214.6	216.9	216.3	21
22	132.6	151.7	167.3	181.1	191.1	199.0	204.6	208.6	211.9	211.5	214.9	217.2	216.6	22
23	132.8	151.9	167.5	181.3	191.3	199.2	204.9	208.8	212.2	211.8	215.2	217.5	216.9	23
24	132.9	152.1	167.8	181.6	191.6	199.5	205.1	209.1	212.4	212.2	215.5	217.8	217.2	24
25	133.1	152.3	168.0	181.8	191.8	199.7	205.3	209.3	212.7	212.5	215.7	218.0	217.5	25
26	133.3	152.4	168.2	182.0	192.0	199.9	205.6	209.5	212.9	212.8	216.0	218.3	217.8	26
27	133.4	152.6	168.4	182.2	192.2	200.1	205.8	209.8	213.2	213.0	216.3	218.5	218.1	27
28	133.6	152.8	168.6	182.4	192.5	200.3	206.0	210.0	213.4	213.3	216.5	218.8	218.4	28
29	133.7	152.9	168.8	182.6	192.7	200.5	206.2	210.2	213.7	213.6	216.8	219.0	218.6	29
30	133.9	153.1	168.9	182.9	192.9	200.8	206.4	210.4	213.9	213.9	217.0	219.2	218.9	30
31	134.0	153.2	169.1	183.1	193.1	201.0	206.6	210.6	214.1	214.2	217.3	219.5	219.2	31
32	134.2	153.4	169.3	183.3	193.3	201.2	206.8	210.8	214.3	214.4	217.5	219.7	219.4	32
33	134.3	153.5	169.5	183.5	193.5	201.4	207.0	211.0	214.5	214.7	217.7	219.9	219.7	33
34	134.5	153.7	169.7	183.7	193.7	201.5	207.2	211.2	214.8	215.0	218.0	220.2	220.0	34
35	134.6	153.8	169.8	183.9	193.9	201.7	207.4	211.4	215.0	215.2	218.2	220.4	220.2	35
36	134.8	154.0	170.0	184.0	194.1	201.9	207.6	211.6	215.2	215.5	218.4	220.6	220.5	36
37	134.9	154.1	170.2	184.2	194.3	202.1	207.8	211.8	215.4	215.7	218.7	220.8	220.7	37
38	135.0	154.3	170.4	184.4	194.5	202.3	208.0	212.0	215.6	216.0	218.9	221.0	221.0	38
39	135.2	154.4	170.5	184.6	194.7	202.5	208.2	212.2	215.8	216.2	219.1	221.2	221.2	39
40	135.3	154.6	170.7	184.8	194.8	202.7	208.4	212.4	216.0	216.5	219.3	221.5	221.4	40
41	135.5	154.7	170.9	185.0	195.0	202.9	208.5	212.6	216.2	216.7	219.5	221.7	221.7	41
42	135.6	154.8	171.0	185.2	195.2	203.0	208.7	212.7	216.4	217.0	219.8	221.9	221.9	42
43	135.7	155.0	171.2	185.4	195.4	203.2	208.9	212.9	216.6	217.2	220.0	222.1	222.2	43
44	135.9	155.1	171.4	185.5	195.6	203.4	209.1	213.1	216.8	217.5	220.2	222.3	222.4	44
45	136.0	155.3	171.5	185.7	195.8	203.6	209.3	213.3	217.0	217.7	220.4	222.5	222.6	45
46	136.1	155.4	171.7	185.9	195.9	203.8	209.4	213.5	217.2	217.9	220.6	222.7	222.9	46
47	136.3	155.5	171.9	186.1	196.1	203.9	209.6	213.7	217.4	218.2	220.8	222.9	223.1	47
48	136.4	155.7	172.0	186.3	196.3	204.1	209.8	213.8	217.6	218.4	221.0	223.1	223.3	48
49	136.5	155.8	172.2	186.4	196.5	204.3	210.0	214.0	217.8	218.7	221.3	223.3	223.6	49

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Fall Reading School Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50	136.6	155.9	172.3	186.6	196.7	204.5	210.2	214.2	218.0	218.9	221.5	223.5	223.8	50
51	136.8	156.1	172.5	186.8	196.9	204.7	210.3	214.4	218.2	219.1	221.7	223.7	224.0	51
52	136.9	156.2	172.7	187.0	197.0	204.8	210.5	214.6	218.4	219.4	221.9	223.9	224.3	52
53	137.0	156.3	172.8	187.2	197.2	205.0	210.7	214.8	218.6	219.6	222.1	224.1	224.5	53
54	137.2	156.5	173.0	187.3	197.4	205.2	210.9	214.9	218.8	219.9	222.3	224.3	224.7	54
55	137.3	156.6	173.2	187.5	197.6	205.4	211.1	215.1	219.0	220.1	222.5	224.6	225.0	55
56	137.4	156.7	173.3	187.7	197.8	205.6	211.2	215.3	219.2	220.3	222.8	224.8	225.2	56
57	137.6	156.9	173.5	187.9	197.9	205.7	211.4	215.5	219.4	220.6	223.0	225.0	225.4	57
58	137.7	157.0	173.7	188.1	198.1	205.9	211.6	215.7	219.6	220.8	223.2	225.2	225.7	58
59	137.8	157.2	173.8	188.3	198.3	206.1	211.8	215.9	219.8	221.1	223.4	225.4	225.9	59
60	138.0	157.3	174.0	188.4	198.5	206.3	212.0	216.0	220.0	221.3	223.6	225.6	226.2	60
61	138.1	157.4	174.2	188.6	198.7	206.5	212.2	216.2	220.2	221.6	223.9	225.8	226.4	61
62	138.3	157.6	174.3	188.8	198.9	206.7	212.4	216.4	220.4	221.8	224.1	226.0	226.6	62
63	138.4	157.7	174.5	189.0	199.1	206.8	212.5	216.6	220.6	222.1	224.3	226.2	226.9	63
64	138.5	157.9	174.7	189.2	199.3	207.0	212.7	216.8	220.8	222.3	224.5	226.5	227.1	64
65	138.7	158.0	174.9	189.4	199.5	207.2	212.9	217.0	221.0	222.6	224.8	226.7	227.4	65
66	138.8	158.2	175.0	189.6	199.7	207.4	213.1	217.2	221.3	222.8	225.0	226.9	227.6	66
67	139.0	158.3	175.2	189.8	199.9	207.6	213.3	217.4	221.5	223.1	225.2	227.1	227.9	67
68	139.1	158.5	175.4	190.0	200.1	207.8	213.5	217.6	221.7	223.4	225.5	227.3	228.2	68
69	139.3	158.6	175.6	190.2	200.3	208.0	213.7	217.8	221.9	223.6	225.7	227.6	228.4	69
70	139.4	158.8	175.8	190.4	200.5	208.2	213.9	218.0	222.1	223.9	225.9	227.8	228.7	70
71	139.6	158.9	175.9	190.6	200.7	208.4	214.1	218.2	222.4	224.2	226.2	228.0	229.0	71
72	139.7	159.1	176.1	190.8	200.9	208.6	214.3	218.4	222.6	224.5	226.4	228.3	229.2	72
73	139.9	159.3	176.3	191.0	201.1	208.8	214.6	218.7	222.8	224.7	226.7	228.5	229.5	73
74	140.0	159.4	176.5	191.2	201.3	209.1	214.8	218.9	223.1	225.0	226.9	228.8	229.8	74
75	140.2	159.6	176.7	191.5	201.5	209.3	215.0	219.1	223.3	225.3	227.2	229.0	230.1	75
76	140.4	159.8	176.9	191.7	201.8	209.5	215.2	219.3	223.6	225.6	227.5	229.3	230.4	76
77	140.5	159.9	177.1	191.9	202.0	209.7	215.5	219.6	223.8	225.9	227.8	229.6	230.7	77
78	140.7	160.1	177.4	192.2	202.3	210.0	215.7	219.8	224.1	226.3	228.0	229.8	231.0	78
79	140.9	160.3	177.6	192.4	202.5	210.2	215.9	220.1	224.4	226.6	228.3	230.1	231.3	79
80	141.1	160.5	177.8	192.7	202.8	210.5	216.2	220.3	224.6	226.9	228.6	230.4	231.6	80
81	141.3	160.7	178.1	192.9	203.0	210.7	216.4	220.6	224.9	227.3	228.9	230.7	232.0	81
82	141.5	160.9	178.3	193.2	203.3	211.0	216.7	220.9	225.2	227.6	229.3	231.0	232.3	82
83	141.7	161.1	178.5	193.5	203.6	211.3	217.0	221.1	225.5	228.0	229.6	231.3	232.7	83
84	141.9	161.3	178.8	193.8	203.9	211.5	217.3	221.4	225.8	228.4	229.9	231.6	233.1	84
85	142.1	161.5	179.1	194.1	204.2	211.8	217.6	221.7	226.2	228.8	230.3	232.0	233.5	85
86	142.3	161.8	179.4	194.4	204.5	212.2	217.9	222.1	226.5	229.2	230.7	232.3	233.9	86
87	142.6	162.0	179.7	194.7	204.8	212.5	218.2	222.4	226.9	229.6	231.1	232.7	234.3	87
88	142.8	162.3	180.0	195.1	205.2	212.8	218.6	222.7	227.3	230.1	231.5	233.1	234.8	88
89	143.1	162.6	180.3	195.4	205.5	213.2	218.9	223.1	227.7	230.6	231.9	233.5	235.2	89
90	143.4	162.9	180.7	195.8	205.9	213.6	219.3	223.5	228.1	231.1	232.4	234.0	235.7	90
91	143.7	163.2	181.1	196.2	206.4	214.0	219.8	223.9	228.6	231.7	232.9	234.5	236.3	91
92	144.0	163.5	181.5	196.7	206.8	214.5	220.2	224.4	229.1	232.3	233.4	235.0	236.9	92
93	144.4	163.9	181.9	197.2	207.3	215.0	220.7	224.9	229.6	233.0	234.0	235.6	237.6	93
94	144.8	164.4	182.4	197.8	207.9	215.5	221.3	225.5	230.3	233.7	234.7	236.2	238.3	94
95	145.3	164.8	183.0	198.4	208.6	216.2	221.9	226.2	231.0	234.6	235.5	237.0	239.1	95
96	145.8	165.4	183.7	199.2	209.3	216.9	222.7	226.9	231.8	235.6	236.4	237.8	240.1	96
97	146.5	166.1	184.6	200.1	210.3	217.8	223.6	227.9	232.8	236.8	237.5	238.9	241.3	97
98	147.4	167.1	185.7	201.4	211.5	219.1	224.9	229.1	234.2	238.5	239.0	240.3	242.9	98
99	148.9	168.5	187.5	203.3	213.5	221.0	226.8	231.1	236.3	241.1	241.3	242.5	245.5	99

Table C.2.5: Winter Reading School Achievement Percentiles

Pct	Grade												Pct	
	K	1	2	3	4	5	6	7	8	9	10	11		12
1	134.3	152.2	165.5	177.4	186.0	192.9	197.6	200.4	202.5	198.8	203.4	205.6	201.3	1
2	135.7	153.8	167.3	179.3	187.9	194.8	199.5	202.4	204.6	201.3	205.7	207.9	203.9	2
3	136.6	154.8	168.5	180.5	189.2	196.0	200.7	203.6	206.0	202.9	207.2	209.3	205.6	3
4	137.3	155.6	169.4	181.5	190.1	196.9	201.6	204.6	207.0	204.1	208.3	210.3	206.9	4
5	137.8	156.2	170.1	182.2	190.8	197.6	202.3	205.3	207.8	205.1	209.1	211.2	207.9	5
6	138.3	156.7	170.7	182.9	191.5	198.3	202.9	206.0	208.5	206.0	209.9	211.9	208.8	6
7	138.7	157.2	171.2	183.4	192.0	198.8	203.5	206.5	209.1	206.7	210.6	212.6	209.5	7
8	139.1	157.6	171.7	183.9	192.5	199.3	204.0	207.0	209.6	207.4	211.2	213.2	210.2	8
9	139.4	158.0	172.1	184.4	193.0	199.8	204.4	207.5	210.1	208.0	211.7	213.7	210.8	9
10	139.7	158.3	172.5	184.8	193.4	200.2	204.9	207.9	210.6	208.5	212.2	214.2	211.4	10
11	140.0	158.6	172.9	185.2	193.8	200.6	205.2	208.3	211.0	209.0	212.6	214.6	212.0	11
12	140.2	158.9	173.3	185.6	194.2	200.9	205.6	208.7	211.4	209.5	213.1	215.0	212.5	12
13	140.5	159.2	173.6	185.9	194.5	201.2	205.9	209.0	211.8	210.0	213.5	215.4	212.9	13
14	140.7	159.5	173.9	186.2	194.8	201.6	206.3	209.4	212.2	210.4	213.9	215.8	213.4	14
15	141.0	159.8	174.2	186.5	195.1	201.9	206.6	209.7	212.5	210.8	214.2	216.2	213.8	15
16	141.2	160.0	174.5	186.8	195.4	202.2	206.9	210.0	212.8	211.2	214.6	216.5	214.2	16
17	141.4	160.2	174.7	187.1	195.7	202.5	207.1	210.3	213.1	211.6	214.9	216.8	214.6	17
18	141.6	160.5	175.0	187.4	196.0	202.7	207.4	210.5	213.4	212.0	215.2	217.2	215.0	18
19	141.8	160.7	175.3	187.7	196.3	203.0	207.7	210.8	213.7	212.3	215.6	217.5	215.3	19
20	142.0	160.9	175.5	187.9	196.5	203.2	207.9	211.1	214.0	212.6	215.9	217.8	215.7	20
21	142.1	161.1	175.7	188.2	196.8	203.5	208.2	211.3	214.3	213.0	216.2	218.0	216.0	21
22	142.3	161.3	176.0	188.4	197.0	203.7	208.4	211.6	214.5	213.3	216.4	218.3	216.4	22
23	142.5	161.5	176.2	188.7	197.3	204.0	208.6	211.8	214.8	213.6	216.7	218.6	216.7	23
24	142.7	161.7	176.4	188.9	197.5	204.2	208.9	212.0	215.1	213.9	217.0	218.9	217.0	24
25	142.8	161.9	176.6	189.1	197.7	204.4	209.1	212.3	215.3	214.2	217.3	219.1	217.3	25
26	143.0	162.1	176.8	189.3	197.9	204.6	209.3	212.5	215.5	214.5	217.5	219.4	217.6	26
27	143.1	162.2	177.1	189.5	198.1	204.8	209.5	212.7	215.8	214.8	217.8	219.6	217.9	27
28	143.3	162.4	177.3	189.8	198.4	205.0	209.7	212.9	216.0	215.1	218.0	219.9	218.2	28
29	143.4	162.6	177.5	190.0	198.6	205.3	209.9	213.1	216.2	215.3	218.3	220.1	218.5	29
30	143.6	162.8	177.6	190.2	198.8	205.5	210.1	213.3	216.5	215.6	218.5	220.4	218.8	30
31	143.7	162.9	177.8	190.4	199.0	205.7	210.3	213.5	216.7	215.9	218.8	220.6	219.0	31
32	143.9	163.1	178.0	190.6	199.2	205.9	210.5	213.7	216.9	216.1	219.0	220.8	219.3	32
33	144.0	163.3	178.2	190.8	199.4	206.0	210.7	213.9	217.1	216.4	219.2	221.0	219.6	33
34	144.2	163.4	178.4	191.0	199.6	206.2	210.9	214.1	217.3	216.7	219.5	221.3	219.9	34
35	144.3	163.6	178.6	191.2	199.8	206.4	211.1	214.3	217.5	216.9	219.7	221.5	220.1	35
36	144.4	163.7	178.8	191.4	200.0	206.6	211.3	214.5	217.7	217.2	219.9	221.7	220.4	36
37	144.6	163.9	179.0	191.5	200.1	206.8	211.5	214.7	217.9	217.4	220.1	221.9	220.6	37
38	144.7	164.1	179.1	191.7	200.3	207.0	211.7	214.9	218.2	217.7	220.4	222.1	220.9	38
39	144.8	164.2	179.3	191.9	200.5	207.2	211.9	215.1	218.4	217.9	220.6	222.4	221.1	39
40	145.0	164.4	179.5	192.1	200.7	207.3	212.0	215.3	218.6	218.1	220.8	222.6	221.4	40
41	145.1	164.5	179.7	192.3	200.9	207.5	212.2	215.5	218.8	218.4	221.0	222.8	221.6	41
42	145.2	164.7	179.8	192.5	201.1	207.7	212.4	215.6	219.0	218.6	221.2	223.0	221.9	42
43	145.4	164.8	180.0	192.6	201.2	207.9	212.6	215.8	219.2	218.9	221.4	223.2	222.1	43
44	145.5	165.0	180.2	192.8	201.4	208.1	212.8	216.0	219.3	219.1	221.6	223.4	222.4	44
45	145.6	165.1	180.3	193.0	201.6	208.2	212.9	216.2	219.5	219.3	221.9	223.6	222.6	45
46	145.8	165.3	180.5	193.2	201.8	208.4	213.1	216.4	219.7	219.6	222.1	223.8	222.9	46
47	145.9	165.4	180.7	193.4	202.0	208.6	213.3	216.6	219.9	219.8	222.3	224.0	223.1	47
48	146.0	165.6	180.9	193.5	202.1	208.8	213.5	216.7	220.1	220.0	222.5	224.2	223.4	48
49	146.2	165.7	181.0	193.7	202.3	208.9	213.6	216.9	220.3	220.3	222.7	224.4	223.6	49

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Winter Reading School Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50	146.3	165.8	181.2	193.9	202.5	209.1	213.8	217.1	220.5	220.5	222.9	224.6	223.9	50
51	146.4	166.0	181.4	194.1	202.7	209.3	214.0	217.3	220.7	220.8	223.1	224.8	224.1	51
52	146.5	166.1	181.5	194.3	202.9	209.5	214.2	217.4	220.9	221.0	223.3	225.0	224.3	52
53	146.7	166.3	181.7	194.4	203.0	209.6	214.3	217.6	221.1	221.2	223.5	225.3	224.6	53
54	146.8	166.4	181.9	194.6	203.2	209.8	214.5	217.8	221.3	221.5	223.7	225.5	224.8	54
55	146.9	166.6	182.0	194.8	203.4	210.0	214.7	218.0	221.5	221.7	224.0	225.7	225.1	55
56	147.1	166.7	182.2	195.0	203.6	210.2	214.9	218.2	221.7	221.9	224.2	225.9	225.3	56
57	147.2	166.9	182.4	195.2	203.7	210.4	215.0	218.4	221.9	222.2	224.4	226.1	225.6	57
58	147.3	167.0	182.6	195.3	203.9	210.5	215.2	218.5	222.1	222.4	224.6	226.3	225.8	58
59	147.4	167.2	182.7	195.5	204.1	210.7	215.4	218.7	222.3	222.6	224.8	226.5	226.1	59
60	147.6	167.3	182.9	195.7	204.3	210.9	215.6	218.9	222.5	222.9	225.0	226.7	226.3	60
61	147.7	167.5	183.1	195.9	204.5	211.1	215.8	219.1	222.7	223.1	225.2	226.9	226.6	61
62	147.8	167.6	183.3	196.1	204.7	211.3	215.9	219.3	222.9	223.4	225.5	227.1	226.8	62
63	148.0	167.8	183.4	196.3	204.9	211.4	216.1	219.5	223.1	223.6	225.7	227.3	227.1	63
64	148.1	168.0	183.6	196.4	205.0	211.6	216.3	219.7	223.3	223.9	225.9	227.6	227.3	64
65	148.3	168.1	183.8	196.6	205.2	211.8	216.5	219.8	223.5	224.1	226.1	227.8	227.6	65
66	148.4	168.3	184.0	196.8	205.4	212.0	216.7	220.0	223.7	224.4	226.4	228.0	227.9	66
67	148.5	168.4	184.2	197.0	205.6	212.2	216.9	220.2	223.9	224.6	226.6	228.2	228.1	67
68	148.7	168.6	184.4	197.2	205.8	212.4	217.1	220.4	224.1	224.9	226.8	228.5	228.4	68
69	148.8	168.8	184.5	197.4	206.0	212.6	217.3	220.6	224.4	225.2	227.1	228.7	228.7	69
70	149.0	168.9	184.7	197.6	206.2	212.8	217.5	220.8	224.6	225.4	227.3	228.9	228.9	70
71	149.1	169.1	184.9	197.8	206.4	213.0	217.7	221.0	224.8	225.7	227.5	229.2	229.2	71
72	149.3	169.3	185.1	198.0	206.6	213.2	217.9	221.3	225.0	226.0	227.8	229.4	229.5	72
73	149.4	169.4	185.3	198.3	206.8	213.4	218.1	221.5	225.3	226.2	228.0	229.6	229.8	73
74	149.6	169.6	185.5	198.5	207.1	213.6	218.3	221.7	225.5	226.5	228.3	229.9	230.1	74
75	149.7	169.8	185.8	198.7	207.3	213.8	218.5	221.9	225.7	226.8	228.6	230.1	230.4	75
76	149.9	170.0	186.0	198.9	207.5	214.1	218.7	222.1	226.0	227.1	228.8	230.4	230.7	76
77	150.1	170.2	186.2	199.1	207.7	214.3	219.0	222.4	226.2	227.4	229.1	230.7	231.0	77
78	150.2	170.4	186.4	199.4	208.0	214.5	219.2	222.6	226.5	227.7	229.4	230.9	231.3	78
79	150.4	170.6	186.6	199.6	208.2	214.8	219.4	222.9	226.8	228.1	229.7	231.2	231.7	79
80	150.6	170.8	186.9	199.9	208.5	215.0	219.7	223.1	227.0	228.4	230.0	231.5	232.0	80
81	150.8	171.0	187.1	200.1	208.7	215.3	219.9	223.4	227.3	228.7	230.3	231.8	232.4	81
82	151.0	171.2	187.4	200.4	209.0	215.5	220.2	223.6	227.6	229.1	230.6	232.1	232.7	82
83	151.2	171.5	187.6	200.7	209.3	215.8	220.5	223.9	227.9	229.4	230.9	232.4	233.1	83
84	151.4	171.7	187.9	201.0	209.6	216.1	220.8	224.2	228.2	229.8	231.2	232.8	233.5	84
85	151.6	171.9	188.2	201.3	209.8	216.4	221.0	224.5	228.5	230.2	231.6	233.1	233.9	85
86	151.8	172.2	188.5	201.6	210.2	216.7	221.4	224.8	228.9	230.6	231.9	233.5	234.3	86
87	152.1	172.5	188.8	201.9	210.5	217.0	221.7	225.1	229.2	231.1	232.3	233.8	234.8	87
88	152.3	172.8	189.1	202.2	210.8	217.3	222.0	225.5	229.6	231.5	232.7	234.2	235.3	88
89	152.6	173.1	189.5	202.6	211.2	217.7	222.4	225.9	230.0	232.0	233.2	234.7	235.8	89
90	152.9	173.4	189.9	203.0	211.6	218.1	222.8	226.3	230.4	232.5	233.6	235.1	236.3	90
91	153.2	173.7	190.3	203.4	212.0	218.5	223.2	226.7	230.9	233.1	234.1	235.6	236.9	91
92	153.5	174.1	190.7	203.9	212.5	218.9	223.6	227.1	231.4	233.7	234.7	236.1	237.5	92
93	153.9	174.5	191.2	204.4	213.0	219.4	224.1	227.6	231.9	234.3	235.3	236.7	238.2	93
94	154.3	175.0	191.7	204.9	213.5	220.0	224.7	228.2	232.5	235.1	235.9	237.3	238.9	94
95	154.7	175.5	192.3	205.6	214.2	220.6	225.3	228.9	233.2	235.9	236.7	238.1	239.8	95
96	155.3	176.1	193.0	206.3	214.9	221.4	226.0	229.6	234.1	236.9	237.6	238.9	240.8	96
97	155.9	176.9	193.9	207.3	215.8	222.3	226.9	230.5	235.1	238.1	238.6	240.0	242.1	97
98	156.8	177.9	195.1	208.5	217.1	223.5	228.2	231.8	236.4	239.7	240.1	241.4	243.8	98
99	158.2	179.5	196.9	210.4	219.0	225.4	230.1	233.7	238.5	242.3	242.4	243.6	246.4	99

Table C.2.6: Spring Reading School Achievement Percentiles

Pct	Grade												Pct	
	K	1	2	3	4	5	6	7	8	9	10	11		12
1	140.8	156.5	168.9	180.4	188.2	194.7	199.2	201.7	203.6	199.8	204.1	205.4	200.9	1
2	142.2	158.2	170.9	182.4	190.2	196.6	201.1	203.6	205.7	202.3	206.4	207.7	203.6	2
3	143.1	159.3	172.1	183.6	191.4	197.8	202.3	204.9	207.1	203.9	207.8	209.1	205.3	3
4	143.8	160.2	173.1	184.6	192.3	198.7	203.2	205.8	208.1	205.1	208.9	210.2	206.7	4
5	144.4	160.8	173.8	185.3	193.1	199.4	203.9	206.6	208.9	206.1	209.8	211.1	207.7	5
6	144.8	161.4	174.5	186.0	193.7	200.1	204.5	207.2	209.6	206.9	210.6	211.8	208.6	6
7	145.3	161.9	175.0	186.5	194.3	200.6	205.1	207.8	210.2	207.7	211.2	212.5	209.4	7
8	145.6	162.4	175.5	187.0	194.8	201.1	205.6	208.3	210.8	208.3	211.8	213.0	210.1	8
9	146.0	162.8	176.0	187.5	195.3	201.6	206.0	208.8	211.3	208.9	212.3	213.6	210.8	9
10	146.3	163.2	176.4	187.9	195.7	202.0	206.4	209.2	211.7	209.5	212.8	214.1	211.4	10
11	146.6	163.5	176.8	188.3	196.1	202.4	206.8	209.6	212.2	210.0	213.3	214.5	211.9	11
12	146.9	163.9	177.2	188.7	196.5	202.7	207.2	209.9	212.6	210.5	213.7	215.0	212.5	12
13	147.1	164.2	177.5	189.0	196.8	203.1	207.5	210.3	212.9	210.9	214.1	215.4	213.0	13
14	147.4	164.5	177.8	189.4	197.1	203.4	207.8	210.6	213.3	211.4	214.5	215.7	213.4	14
15	147.6	164.7	178.2	189.7	197.4	203.7	208.2	210.9	213.6	211.8	214.9	216.1	213.9	15
16	147.8	165.0	178.5	190.0	197.7	204.0	208.4	211.2	214.0	212.2	215.2	216.5	214.3	16
17	148.0	165.3	178.8	190.3	198.0	204.3	208.7	211.5	214.3	212.5	215.6	216.8	214.7	17
18	148.2	165.5	179.0	190.5	198.3	204.6	209.0	211.8	214.6	212.9	215.9	217.1	215.1	18
19	148.4	165.8	179.3	190.8	198.6	204.8	209.3	212.1	214.9	213.2	216.2	217.4	215.5	19
20	148.6	166.0	179.6	191.1	198.8	205.1	209.5	212.3	215.1	213.6	216.5	217.7	215.8	20
21	148.8	166.2	179.8	191.3	199.1	205.3	209.8	212.6	215.4	213.9	216.8	218.0	216.2	21
22	149.0	166.4	180.1	191.6	199.3	205.6	210.0	212.8	215.7	214.2	217.1	218.3	216.5	22
23	149.2	166.7	180.3	191.8	199.6	205.8	210.2	213.1	215.9	214.5	217.4	218.6	216.9	23
24	149.3	166.9	180.5	192.1	199.8	206.0	210.4	213.3	216.2	214.8	217.6	218.8	217.2	24
25	149.5	167.1	180.7	192.3	200.0	206.2	210.7	213.5	216.4	215.1	217.9	219.1	217.5	25
26	149.7	167.3	181.0	192.5	200.2	206.5	210.9	213.8	216.7	215.4	218.2	219.4	217.8	26
27	149.8	167.5	181.2	192.7	200.5	206.7	211.1	214.0	216.9	215.7	218.4	219.6	218.1	27
28	150.0	167.7	181.4	192.9	200.7	206.9	211.3	214.2	217.1	216.0	218.7	219.9	218.4	28
29	150.2	167.8	181.6	193.1	200.9	207.1	211.5	214.4	217.4	216.3	218.9	220.1	218.7	29
30	150.3	168.0	181.8	193.4	201.1	207.3	211.7	214.6	217.6	216.5	219.1	220.4	219.0	30
31	150.5	168.2	182.0	193.6	201.3	207.5	211.9	214.8	217.8	216.8	219.4	220.6	219.3	31
32	150.6	168.4	182.2	193.8	201.5	207.7	212.1	215.0	218.0	217.1	219.6	220.8	219.6	32
33	150.8	168.6	182.4	194.0	201.7	207.9	212.3	215.2	218.2	217.3	219.8	221.1	219.9	33
34	150.9	168.7	182.6	194.2	201.9	208.1	212.5	215.4	218.5	217.6	220.1	221.3	220.2	34
35	151.0	168.9	182.8	194.4	202.1	208.3	212.7	215.6	218.7	217.8	220.3	221.5	220.4	35
36	151.2	169.1	183.0	194.5	202.3	208.5	212.9	215.8	218.9	218.1	220.5	221.7	220.7	36
37	151.3	169.3	183.2	194.7	202.5	208.7	213.1	216.0	219.1	218.3	220.7	222.0	221.0	37
38	151.5	169.4	183.4	194.9	202.7	208.8	213.2	216.2	219.3	218.6	221.0	222.2	221.2	38
39	151.6	169.6	183.6	195.1	202.8	209.0	213.4	216.4	219.5	218.8	221.2	222.4	221.5	39
40	151.7	169.8	183.8	195.3	203.0	209.2	213.6	216.5	219.7	219.0	221.4	222.6	221.8	40
41	151.9	169.9	183.9	195.5	203.2	209.4	213.8	216.7	219.9	219.3	221.6	222.8	222.0	41
42	152.0	170.1	184.1	195.7	203.4	209.6	214.0	216.9	220.1	219.5	221.8	223.0	222.3	42
43	152.2	170.3	184.3	195.9	203.6	209.7	214.1	217.1	220.3	219.8	222.0	223.2	222.5	43
44	152.3	170.4	184.5	196.0	203.8	209.9	214.3	217.3	220.5	220.0	222.3	223.5	222.8	44
45	152.4	170.6	184.7	196.2	203.9	210.1	214.5	217.5	220.7	220.2	222.5	223.7	223.1	45
46	152.6	170.8	184.9	196.4	204.1	210.3	214.7	217.6	220.9	220.5	222.7	223.9	223.3	46
47	152.7	170.9	185.0	196.6	204.3	210.5	214.8	217.8	221.1	220.7	222.9	224.1	223.6	47
48	152.8	171.1	185.2	196.8	204.5	210.6	215.0	218.0	221.3	220.9	223.1	224.3	223.8	48
49	153.0	171.2	185.4	196.9	204.6	210.8	215.2	218.2	221.5	221.2	223.3	224.5	224.1	49

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Spring Reading School Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50	153.1	171.4	185.6	197.1	204.8	211.0	215.4	218.4	221.7	221.4	223.5	224.7	224.3	50
51	153.2	171.6	185.7	197.3	205.0	211.2	215.5	218.5	221.9	221.6	223.7	224.9	224.6	51
52	153.4	171.7	185.9	197.5	205.2	211.3	215.7	218.7	222.0	221.9	223.9	225.1	224.8	52
53	153.5	171.9	186.1	197.7	205.4	211.5	215.9	218.9	222.2	222.1	224.1	225.3	225.1	53
54	153.6	172.0	186.3	197.8	205.5	211.7	216.1	219.1	222.4	222.3	224.3	225.5	225.3	54
55	153.8	172.2	186.5	198.0	205.7	211.9	216.2	219.3	222.6	222.6	224.6	225.8	225.6	55
56	153.9	172.4	186.6	198.2	205.9	212.0	216.4	219.4	222.8	222.8	224.8	226.0	225.8	56
57	154.0	172.5	186.8	198.4	206.1	212.2	216.6	219.6	223.0	223.0	225.0	226.2	226.1	57
58	154.2	172.7	187.0	198.6	206.3	212.4	216.8	219.8	223.2	223.3	225.2	226.4	226.4	58
59	154.3	172.9	187.2	198.8	206.5	212.6	216.9	220.0	223.4	223.5	225.4	226.6	226.6	59
60	154.4	173.0	187.4	198.9	206.6	212.8	217.1	220.2	223.6	223.8	225.6	226.8	226.9	60
61	154.6	173.2	187.6	199.1	206.8	212.9	217.3	220.4	223.8	224.0	225.8	227.0	227.1	61
62	154.7	173.4	187.8	199.3	207.0	213.1	217.5	220.6	224.0	224.2	226.1	227.2	227.4	62
63	154.9	173.5	187.9	199.5	207.2	213.3	217.7	220.7	224.2	224.5	226.3	227.5	227.7	63
64	155.0	173.7	188.1	199.7	207.4	213.5	217.9	220.9	224.4	224.7	226.5	227.7	227.9	64
65	155.1	173.9	188.3	199.9	207.6	213.7	218.0	221.1	224.6	225.0	226.7	227.9	228.2	65
66	155.3	174.0	188.5	200.1	207.8	213.9	218.2	221.3	224.9	225.2	226.9	228.1	228.5	66
67	155.4	174.2	188.7	200.3	208.0	214.1	218.4	221.5	225.1	225.5	227.2	228.4	228.8	67
68	155.6	174.4	188.9	200.5	208.2	214.3	218.6	221.7	225.3	225.8	227.4	228.6	229.0	68
69	155.7	174.6	189.1	200.7	208.4	214.5	218.8	221.9	225.5	226.0	227.6	228.8	229.3	69
70	155.9	174.8	189.3	200.9	208.6	214.7	219.0	222.1	225.7	226.3	227.9	229.1	229.6	70
71	156.0	175.0	189.5	201.1	208.8	214.9	219.2	222.3	225.9	226.5	228.1	229.3	229.9	71
72	156.2	175.1	189.7	201.3	209.0	215.1	219.4	222.5	226.2	226.8	228.4	229.6	230.2	72
73	156.3	175.3	190.0	201.5	209.2	215.3	219.6	222.8	226.4	227.1	228.6	229.8	230.5	73
74	156.5	175.5	190.2	201.7	209.4	215.5	219.8	223.0	226.6	227.4	228.9	230.1	230.8	74
75	156.7	175.7	190.4	202.0	209.6	215.7	220.1	223.2	226.9	227.7	229.1	230.3	231.1	75
76	156.8	175.9	190.6	202.2	209.9	215.9	220.3	223.4	227.1	228.0	229.4	230.6	231.5	76
77	157.0	176.1	190.9	202.4	210.1	216.2	220.5	223.7	227.4	228.3	229.7	230.8	231.8	77
78	157.2	176.4	191.1	202.7	210.3	216.4	220.7	223.9	227.6	228.6	229.9	231.1	232.1	78
79	157.4	176.6	191.3	202.9	210.6	216.6	221.0	224.1	227.9	228.9	230.2	231.4	232.5	79
80	157.6	176.8	191.6	203.2	210.8	216.9	221.2	224.4	228.2	229.2	230.5	231.7	232.8	80
81	157.7	177.0	191.8	203.4	211.1	217.1	221.5	224.7	228.5	229.6	230.8	232.0	233.2	81
82	157.9	177.3	192.1	203.7	211.4	217.4	221.7	224.9	228.7	229.9	231.1	232.3	233.6	82
83	158.2	177.5	192.4	204.0	211.6	217.7	222.0	225.2	229.1	230.3	231.5	232.6	234.0	83
84	158.4	177.8	192.7	204.3	211.9	218.0	222.3	225.5	229.4	230.7	231.8	233.0	234.4	84
85	158.6	178.1	193.0	204.6	212.2	218.3	222.6	225.8	229.7	231.0	232.1	233.3	234.8	85
86	158.8	178.3	193.3	204.9	212.5	218.6	222.9	226.1	230.0	231.4	232.5	233.7	235.2	86
87	159.1	178.6	193.6	205.2	212.9	218.9	223.2	226.4	230.4	231.9	232.9	234.1	235.7	87
88	159.3	178.9	194.0	205.6	213.2	219.2	223.5	226.8	230.8	232.3	233.3	234.5	236.2	88
89	159.6	179.3	194.3	205.9	213.6	219.6	223.9	227.1	231.2	232.8	233.7	234.9	236.7	89
90	159.9	179.6	194.7	206.3	214.0	220.0	224.3	227.5	231.6	233.3	234.2	235.4	237.3	90
91	160.2	180.0	195.2	206.8	214.4	220.4	224.7	228.0	232.0	233.9	234.7	235.8	237.9	91
92	160.5	180.4	195.6	207.2	214.8	220.8	225.1	228.4	232.5	234.5	235.2	236.4	238.5	92
93	160.9	180.9	196.1	207.7	215.3	221.3	225.6	228.9	233.1	235.1	235.8	237.0	239.2	93
94	161.3	181.4	196.7	208.3	215.9	221.9	226.2	229.5	233.7	235.9	236.5	237.6	240.0	94
95	161.8	182.0	197.3	208.9	216.6	222.5	226.8	230.1	234.4	236.7	237.2	238.4	240.9	95
96	162.4	182.6	198.1	209.7	217.3	223.3	227.5	230.9	235.2	237.7	238.1	239.2	242.0	96
97	163.1	183.5	199.0	210.6	218.2	224.2	228.4	231.8	236.2	238.9	239.2	240.3	243.3	97
98	164.0	184.6	200.2	211.9	219.5	225.4	229.6	233.1	237.6	240.5	240.6	241.8	245.0	98
99	165.4	186.3	202.2	213.8	221.4	227.3	231.5	235.0	239.7	243.0	242.9	244.0	247.8	99

Table C.2.7: Fall Language Usage School Achievement Percentiles

		Grade												
Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
1		158.7	172.7	181.7	189.3	194.9	196.9	199.7	199.6	203.2	205.5			1
2		160.5	174.5	183.6	191.1	196.6	198.8	201.6	201.6	205.0	207.2			2
3		161.7	175.6	184.7	192.2	197.7	199.9	202.8	202.9	206.2	208.4			3
4		162.5	176.4	185.6	193.0	198.5	200.8	203.6	203.8	207.1	209.2			4
5		163.2	177.1	186.3	193.7	199.2	201.5	204.4	204.6	207.8	209.9			5
6		163.8	177.7	186.9	194.3	199.7	202.1	205.0	205.3	208.4	210.5			6
7		164.3	178.2	187.4	194.8	200.2	202.7	205.5	205.9	208.9	211.0			7
8		164.8	178.6	187.9	195.2	200.7	203.1	206.0	206.4	209.4	211.5			8
9		165.2	179.1	188.3	195.6	201.1	203.6	206.4	206.9	209.8	211.9			9
10		165.6	179.4	188.7	196.0	201.4	204.0	206.8	207.3	210.2	212.3			10
11		165.9	179.8	189.1	196.3	201.8	204.3	207.2	207.7	210.6	212.6			11
12		166.3	180.1	189.5	196.7	202.1	204.7	207.6	208.1	210.9	213.0			12
13		166.6	180.4	189.8	197.0	202.4	205.0	207.9	208.4	211.2	213.3			13
14		166.9	180.7	190.1	197.3	202.7	205.3	208.2	208.8	211.6	213.6			14
15		167.2	181.0	190.4	197.6	203.0	205.6	208.5	209.1	211.9	213.9			15
16		167.5	181.3	190.7	197.8	203.2	205.9	208.8	209.4	212.1	214.2			16
17		167.7	181.6	190.9	198.1	203.5	206.2	209.1	209.7	212.4	214.4			17
18		168.0	181.8	191.2	198.3	203.7	206.5	209.3	210.0	212.7	214.7			18
19		168.2	182.0	191.5	198.6	204.0	206.7	209.6	210.2	212.9	214.9			19
20		168.5	182.3	191.7	198.8	204.2	207.0	209.8	210.5	213.2	215.2			20
21		168.7	182.5	191.9	199.0	204.4	207.2	210.1	210.8	213.4	215.4			21
22		168.9	182.7	192.2	199.2	204.6	207.4	210.3	211.0	213.6	215.6			22
23		169.1	182.9	192.4	199.5	204.8	207.6	210.5	211.3	213.9	215.8			23
24		169.4	183.2	192.6	199.7	205.0	207.9	210.7	211.5	214.1	216.0			24
25		169.6	183.4	192.8	199.9	205.2	208.1	211.0	211.7	214.3	216.3			25
26		169.8	183.6	193.0	200.1	205.4	208.3	211.2	212.0	214.5	216.5			26
27		170.0	183.8	193.2	200.3	205.6	208.5	211.4	212.2	214.7	216.7			27
28		170.2	184.0	193.4	200.5	205.8	208.7	211.6	212.4	214.9	216.9			28
29		170.4	184.1	193.6	200.6	206.0	208.9	211.8	212.6	215.1	217.0			29
30		170.5	184.3	193.8	200.8	206.2	209.1	212.0	212.8	215.3	217.2			30
31		170.7	184.5	194.0	201.0	206.3	209.3	212.2	213.0	215.5	217.4			31
32		170.9	184.7	194.2	201.2	206.5	209.5	212.4	213.3	215.7	217.6			32
33		171.1	184.9	194.4	201.4	206.7	209.7	212.6	213.5	215.9	217.8			33
34		171.3	185.1	194.6	201.5	206.9	209.9	212.7	213.7	216.0	218.0			34
35		171.5	185.2	194.8	201.7	207.0	210.0	212.9	213.9	216.2	218.1			35
36		171.6	185.4	194.9	201.9	207.2	210.2	213.1	214.1	216.4	218.3			36
37		171.8	185.6	195.1	202.1	207.4	210.4	213.3	214.2	216.6	218.5			37
38		172.0	185.7	195.3	202.2	207.5	210.6	213.5	214.4	216.8	218.7			38
39		172.2	185.9	195.5	202.4	207.7	210.8	213.6	214.6	216.9	218.8			39
40		172.3	186.1	195.6	202.6	207.9	210.9	213.8	214.8	217.1	219.0			40
41		172.5	186.2	195.8	202.7	208.0	211.1	214.0	215.0	217.3	219.2			41
42		172.7	186.4	196.0	202.9	208.2	211.3	214.2	215.2	217.5	219.3			42
43		172.8	186.6	196.2	203.0	208.3	211.5	214.3	215.4	217.6	219.5			43
44		173.0	186.7	196.3	203.2	208.5	211.6	214.5	215.6	217.8	219.7			44
45		173.2	186.9	196.5	203.4	208.6	211.8	214.7	215.8	218.0	219.8			45
46		173.3	187.1	196.7	203.5	208.8	212.0	214.9	215.9	218.1	220.0			46
47		173.5	187.2	196.8	203.7	209.0	212.1	215.0	216.1	218.3	220.2			47
48		173.7	187.4	197.0	203.9	209.1	212.3	215.2	216.3	218.5	220.3			48
49		173.8	187.5	197.2	204.0	209.3	212.5	215.4	216.5	218.6	220.5			49

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Fall Language Usage School Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50		174.0	187.7	197.3	204.2	209.4	212.6	215.5	216.7	218.8	220.7			50
51		174.1	187.9	197.5	204.3	209.6	212.8	215.7	216.9	219.0	220.8			51
52		174.3	188.0	197.7	204.5	209.7	213.0	215.9	217.0	219.2	221.0			52
53		174.5	188.2	197.8	204.7	209.9	213.2	216.1	217.2	219.3	221.2			53
54		174.6	188.4	198.0	204.8	210.1	213.3	216.2	217.4	219.5	221.3			54
55		174.8	188.5	198.2	205.0	210.2	213.5	216.4	217.6	219.7	221.5			55
56		175.0	188.7	198.3	205.1	210.4	213.7	216.6	217.8	219.8	221.6			56
57		175.1	188.8	198.5	205.3	210.5	213.8	216.7	218.0	220.0	221.8			57
58		175.3	189.0	198.7	205.5	210.7	214.0	216.9	218.2	220.2	222.0			58
59		175.5	189.2	198.9	205.6	210.9	214.2	217.1	218.3	220.3	222.1			59
60		175.6	189.3	199.0	205.8	211.0	214.4	217.3	218.5	220.5	222.3			60
61		175.8	189.5	199.2	206.0	211.2	214.5	217.4	218.7	220.7	222.5			61
62		176.0	189.7	199.4	206.1	211.3	214.7	217.6	218.9	220.9	222.7			62
63		176.2	189.9	199.6	206.3	211.5	214.9	217.8	219.1	221.0	222.8			63
64		176.3	190.0	199.7	206.5	211.7	215.1	218.0	219.3	221.2	223.0			64
65		176.5	190.2	199.9	206.6	211.8	215.3	218.2	219.5	221.4	223.2			65
66		176.7	190.4	200.1	206.8	212.0	215.4	218.3	219.7	221.6	223.4			66
67		176.9	190.5	200.3	207.0	212.2	215.6	218.5	219.9	221.8	223.5			67
68		177.0	190.7	200.5	207.2	212.4	215.8	218.7	220.1	222.0	223.7			68
69		177.2	190.9	200.7	207.3	212.5	216.0	218.9	220.3	222.1	223.9			69
70		177.4	191.1	200.8	207.5	212.7	216.2	219.1	220.5	222.3	224.1			70
71		177.6	191.3	201.0	207.7	212.9	216.4	219.3	220.7	222.5	224.3			71
72		177.8	191.5	201.2	207.9	213.1	216.6	219.5	221.0	222.7	224.5			72
73		178.0	191.7	201.4	208.1	213.3	216.8	219.7	221.2	222.9	224.7			73
74		178.2	191.9	201.6	208.3	213.5	217.0	219.9	221.4	223.1	224.9			74
75		178.4	192.1	201.9	208.5	213.6	217.2	220.1	221.6	223.3	225.1			75
76		178.6	192.3	202.1	208.7	213.8	217.4	220.3	221.9	223.6	225.3			76
77		178.8	192.5	202.3	208.9	214.0	217.6	220.6	222.1	223.8	225.5			77
78		179.0	192.7	202.5	209.1	214.3	217.9	220.8	222.3	224.0	225.7			78
79		179.3	192.9	202.7	209.3	214.5	218.1	221.0	222.6	224.2	225.9			79
80		179.5	193.1	203.0	209.5	214.7	218.3	221.3	222.8	224.5	226.2			80
81		179.7	193.4	203.2	209.8	214.9	218.6	221.5	223.1	224.7	226.4			81
82		180.0	193.6	203.5	210.0	215.2	218.8	221.8	223.4	225.0	226.6			82
83		180.2	193.9	203.7	210.3	215.4	219.1	222.0	223.7	225.2	226.9			83
84		180.5	194.1	204.0	210.5	215.6	219.4	222.3	224.0	225.5	227.2			84
85		180.8	194.4	204.3	210.8	215.9	219.7	222.6	224.3	225.8	227.4			85
86		181.1	194.7	204.6	211.1	216.2	220.0	222.9	224.6	226.1	227.7			86
87		181.4	195.0	204.9	211.4	216.5	220.3	223.2	224.9	226.4	228.0			87
88		181.7	195.3	205.2	211.7	216.8	220.6	223.5	225.3	226.7	228.3			88
89		182.0	195.6	205.5	212.0	217.1	220.9	223.9	225.7	227.1	228.7			89
90		182.4	196.0	205.9	212.4	217.4	221.3	224.2	226.1	227.4	229.0			90
91		182.8	196.4	206.3	212.7	217.8	221.7	224.6	226.5	227.8	229.4			91
92		183.2	196.8	206.7	213.1	218.2	222.2	225.1	227.0	228.3	229.8			92
93		183.6	197.2	207.2	213.6	218.7	222.6	225.6	227.5	228.7	230.3			93
94		184.2	197.7	207.7	214.1	219.1	223.2	226.1	228.1	229.3	230.8			94
95		184.8	198.3	208.4	214.7	219.7	223.8	226.7	228.7	229.9	231.4			95
96		185.5	199.0	209.1	215.3	220.4	224.5	227.4	229.5	230.6	232.1			96
97		186.3	199.8	209.9	216.2	221.2	225.4	228.3	230.5	231.4	232.9			97
98		187.4	201.0	211.1	217.3	222.3	226.5	229.5	231.7	232.6	234.1			98
99		189.2	202.7	212.9	219.0	224.0	228.4	231.3	233.7	234.4	235.9			99

Table C.2.8: Winter Language Usage School Achievement Percentiles

		Grade												
Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
1		168.1	180.2	187.7	193.8	198.3	199.8	202.2	201.3	204.5	206.7			1
2		170.0	182.0	189.5	195.6	200.0	201.6	204.0	203.3	206.4	208.5			2
3		171.1	183.1	190.6	196.6	201.1	202.7	205.2	204.6	207.5	209.6			3
4		172.0	183.9	191.4	197.5	201.9	203.6	206.0	205.5	208.4	210.5			4
5		172.7	184.6	192.1	198.1	202.6	204.3	206.7	206.3	209.1	211.1			5
6		173.3	185.2	192.7	198.7	203.1	204.9	207.3	206.9	209.7	211.7			6
7		173.9	185.7	193.2	199.2	203.6	205.4	207.9	207.5	210.2	212.2			7
8		174.4	186.1	193.7	199.6	204.1	205.9	208.3	208.0	210.7	212.7			8
9		174.8	186.5	194.1	200.0	204.5	206.3	208.8	208.5	211.2	213.1			9
10		175.2	186.9	194.5	200.4	204.8	206.7	209.2	208.9	211.6	213.5			10
11		175.6	187.3	194.9	200.8	205.2	207.1	209.5	209.3	211.9	213.9			11
12		175.9	187.6	195.2	201.1	205.5	207.4	209.9	209.7	212.3	214.2			12
13		176.2	187.9	195.5	201.4	205.8	207.8	210.2	210.0	212.6	214.5			13
14		176.5	188.2	195.8	201.7	206.1	208.1	210.5	210.4	212.9	214.8			14
15		176.8	188.5	196.1	201.9	206.4	208.4	210.8	210.7	213.2	215.1			15
16		177.1	188.8	196.4	202.2	206.6	208.7	211.1	211.0	213.5	215.4			16
17		177.4	189.0	196.6	202.5	206.9	208.9	211.4	211.3	213.8	215.6			17
18		177.7	189.3	196.9	202.7	207.1	209.2	211.6	211.6	214.0	215.9			18
19		177.9	189.5	197.1	202.9	207.4	209.4	211.9	211.8	214.3	216.1			19
20		178.2	189.7	197.4	203.2	207.6	209.7	212.1	212.1	214.5	216.4			20
21		178.4	190.0	197.6	203.4	207.8	209.9	212.3	212.3	214.8	216.6			21
22		178.6	190.2	197.8	203.6	208.0	210.1	212.6	212.6	215.0	216.8			22
23		178.8	190.4	198.0	203.8	208.2	210.4	212.8	212.8	215.2	217.0			23
24		179.1	190.6	198.3	204.0	208.4	210.6	213.0	213.1	215.4	217.3			24
25		179.3	190.8	198.5	204.2	208.6	210.8	213.2	213.3	215.6	217.5			25
26		179.5	191.0	198.7	204.4	208.8	211.0	213.4	213.5	215.9	217.7			26
27		179.7	191.2	198.9	204.6	209.0	211.2	213.6	213.7	216.1	217.9			27
28		179.9	191.4	199.1	204.8	209.2	211.4	213.8	214.0	216.3	218.1			28
29		180.1	191.6	199.3	205.0	209.4	211.6	214.0	214.2	216.5	218.3			29
30		180.3	191.8	199.4	205.2	209.5	211.8	214.2	214.4	216.7	218.4			30
31		180.5	192.0	199.6	205.3	209.7	212.0	214.4	214.6	216.8	218.6			31
32		180.7	192.1	199.8	205.5	209.9	212.2	214.6	214.8	217.0	218.8			32
33		180.9	192.3	200.0	205.7	210.1	212.3	214.8	215.0	217.2	219.0			33
34		181.0	192.5	200.2	205.9	210.2	212.5	215.0	215.2	217.4	219.2			34
35		181.2	192.7	200.4	206.0	210.4	212.7	215.2	215.4	217.6	219.3			35
36		181.4	192.8	200.5	206.2	210.6	212.9	215.3	215.6	217.8	219.5			36
37		181.6	193.0	200.7	206.4	210.7	213.1	215.5	215.8	218.0	219.7			37
38		181.8	193.2	200.9	206.5	210.9	213.2	215.7	216.0	218.1	219.9			38
39		181.9	193.3	201.0	206.7	211.1	213.4	215.9	216.2	218.3	220.0			39
40		182.1	193.5	201.2	206.9	211.2	213.6	216.0	216.3	218.5	220.2			40
41		182.3	193.7	201.4	207.0	211.4	213.8	216.2	216.5	218.7	220.4			41
42		182.5	193.8	201.6	207.2	211.6	213.9	216.4	216.7	218.8	220.5			42
43		182.6	194.0	201.7	207.3	211.7	214.1	216.6	216.9	219.0	220.7			43
44		182.8	194.2	201.9	207.5	211.9	214.3	216.7	217.1	219.2	220.9			44
45		183.0	194.3	202.1	207.7	212.0	214.4	216.9	217.3	219.3	221.0			45
46		183.2	194.5	202.2	207.8	212.2	214.6	217.1	217.5	219.5	221.2			46
47		183.3	194.7	202.4	208.0	212.3	214.8	217.2	217.6	219.7	221.4			47
48		183.5	194.8	202.5	208.1	212.5	214.9	217.4	217.8	219.8	221.5			48
49		183.7	195.0	202.7	208.3	212.7	215.1	217.6	218.0	220.0	221.7			49

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Winter Language Usage School Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50		183.8	195.1	202.9	208.4	212.8	215.3	217.7	218.2	220.2	221.9			50
51		184.0	195.3	203.0	208.6	213.0	215.4	217.9	218.4	220.4	222.0			51
52		184.2	195.5	203.2	208.8	213.1	215.6	218.1	218.5	220.5	222.2			52
53		184.3	195.6	203.4	208.9	213.3	215.8	218.2	218.7	220.7	222.3			53
54		184.5	195.8	203.5	209.1	213.4	215.9	218.4	218.9	220.9	222.5			54
55		184.7	195.9	203.7	209.2	213.6	216.1	218.6	219.1	221.0	222.7			55
56		184.8	196.1	203.9	209.4	213.7	216.3	218.7	219.3	221.2	222.8			56
57		185.0	196.3	204.0	209.6	213.9	216.5	218.9	219.5	221.4	223.0			57
58		185.2	196.4	204.2	209.7	214.1	216.6	219.1	219.6	221.5	223.2			58
59		185.4	196.6	204.4	209.9	214.2	216.8	219.2	219.8	221.7	223.3			59
60		185.5	196.8	204.5	210.0	214.4	217.0	219.4	220.0	221.9	223.5			60
61		185.7	196.9	204.7	210.2	214.5	217.1	219.6	220.2	222.1	223.7			61
62		185.9	197.1	204.9	210.4	214.7	217.3	219.8	220.4	222.2	223.8			62
63		186.1	197.3	205.0	210.5	214.9	217.5	219.9	220.6	222.4	224.0			63
64		186.2	197.4	205.2	210.7	215.0	217.7	220.1	220.8	222.6	224.2			64
65		186.4	197.6	205.4	210.9	215.2	217.8	220.3	221.0	222.8	224.4			65
66		186.6	197.8	205.6	211.0	215.4	218.0	220.5	221.2	223.0	224.5			66
67		186.8	198.0	205.7	211.2	215.5	218.2	220.7	221.4	223.1	224.7			67
68		187.0	198.1	205.9	211.4	215.7	218.4	220.9	221.6	223.3	224.9			68
69		187.2	198.3	206.1	211.6	215.9	218.6	221.0	221.8	223.5	225.1			69
70		187.4	198.5	206.3	211.7	216.1	218.8	221.2	222.0	223.7	225.3			70
71		187.6	198.7	206.5	211.9	216.2	219.0	221.4	222.2	223.9	225.5			71
72		187.8	198.9	206.7	212.1	216.4	219.2	221.6	222.4	224.1	225.7			72
73		188.0	199.1	206.9	212.3	216.6	219.4	221.8	222.6	224.3	225.8			73
74		188.2	199.3	207.1	212.5	216.8	219.6	222.0	222.8	224.5	226.0			74
75		188.4	199.5	207.3	212.7	217.0	219.8	222.2	223.1	224.7	226.2			75
76		188.6	199.7	207.5	212.9	217.2	220.0	222.4	223.3	224.9	226.5			76
77		188.8	199.9	207.7	213.1	217.4	220.2	222.7	223.5	225.2	226.7			77
78		189.0	200.1	207.9	213.3	217.6	220.4	222.9	223.8	225.4	226.9			78
79		189.3	200.3	208.1	213.5	217.8	220.7	223.1	224.0	225.6	227.1			79
80		189.5	200.5	208.4	213.7	218.0	220.9	223.3	224.3	225.9	227.3			80
81		189.7	200.8	208.6	214.0	218.3	221.1	223.6	224.5	226.1	227.6			81
82		190.0	201.0	208.8	214.2	218.5	221.4	223.8	224.8	226.3	227.8			82
83		190.3	201.3	209.1	214.4	218.7	221.6	224.1	225.1	226.6	228.1			83
84		190.5	201.5	209.4	214.7	219.0	221.9	224.4	225.4	226.9	228.3			84
85		190.8	201.8	209.6	215.0	219.2	222.2	224.7	225.7	227.2	228.6			85
86		191.1	202.1	209.9	215.2	219.5	222.5	224.9	226.0	227.5	228.9			86
87		191.4	202.4	210.2	215.5	219.8	222.8	225.3	226.3	227.8	229.2			87
88		191.8	202.7	210.5	215.8	220.1	223.1	225.6	226.7	228.1	229.5			88
89		192.1	203.0	210.9	216.1	220.4	223.4	225.9	227.1	228.4	229.8			89
90		192.5	203.4	211.2	216.5	220.8	223.8	226.3	227.5	228.8	230.2			90
91		192.9	203.7	211.6	216.9	221.1	224.2	226.7	227.9	229.2	230.6			91
92		193.3	204.2	212.0	217.3	221.5	224.6	227.1	228.4	229.6	231.0			92
93		193.8	204.6	212.5	217.7	222.0	225.1	227.6	228.9	230.1	231.5			93
94		194.3	205.1	213.0	218.2	222.5	225.6	228.1	229.4	230.7	232.0			94
95		194.9	205.7	213.6	218.8	223.0	226.2	228.7	230.1	231.3	232.6			95
96		195.6	206.4	214.3	219.4	223.7	226.9	229.4	230.9	232.0	233.3			96
97		196.5	207.2	215.1	220.3	224.5	227.8	230.3	231.8	232.9	234.1			97
98		197.7	208.3	216.3	221.3	225.6	229.0	231.4	233.1	234.0	235.2			98
99		199.5	210.1	218.1	223.1	227.3	230.8	233.3	235.0	235.9	237.0			99

Table C.2.9: Spring Language Usage School Achievement Percentiles

		Grade												
Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
1		171.8	183.2	189.9	195.6	199.6	201.0	203.2	202.2	205.0	207.0			1
2		173.7	184.9	191.7	197.3	201.3	202.8	205.1	204.1	206.9	208.8			2
3		175.0	186.1	192.8	198.4	202.4	204.0	206.2	205.4	208.1	209.9			3
4		175.9	186.9	193.6	199.2	203.2	204.8	207.1	206.3	208.9	210.8			4
5		176.7	187.6	194.3	199.9	203.9	205.5	207.8	207.1	209.7	211.5			5
6		177.3	188.2	194.9	200.4	204.5	206.1	208.4	207.8	210.3	212.1			6
7		177.9	188.7	195.4	200.9	204.9	206.7	208.9	208.3	210.8	212.6			7
8		178.4	189.2	195.9	201.4	205.4	207.1	209.4	208.8	211.3	213.1			8
9		178.8	189.6	196.3	201.8	205.8	207.6	209.8	209.3	211.7	213.5			9
10		179.2	190.0	196.7	202.1	206.2	208.0	210.2	209.7	212.1	213.9			10
11		179.6	190.3	197.0	202.5	206.5	208.3	210.6	210.1	212.5	214.2			11
12		180.0	190.7	197.4	202.8	206.8	208.7	210.9	210.5	212.9	214.6			12
13		180.4	191.0	197.7	203.1	207.1	209.0	211.2	210.9	213.2	214.9			13
14		180.7	191.3	198.0	203.4	207.4	209.3	211.5	211.2	213.5	215.2			14
15		181.0	191.6	198.3	203.7	207.7	209.6	211.8	211.5	213.8	215.5			15
16		181.3	191.8	198.5	203.9	208.0	209.9	212.1	211.8	214.1	215.8			16
17		181.6	192.1	198.8	204.2	208.2	210.1	212.4	212.1	214.4	216.0			17
18		181.9	192.4	199.1	204.4	208.5	210.4	212.6	212.4	214.6	216.3			18
19		182.1	192.6	199.3	204.7	208.7	210.6	212.9	212.7	214.9	216.5			19
20		182.4	192.8	199.5	204.9	208.9	210.9	213.1	212.9	215.1	216.8			20
21		182.6	193.1	199.8	205.1	209.1	211.1	213.4	213.2	215.4	217.0			21
22		182.9	193.3	200.0	205.3	209.4	211.3	213.6	213.4	215.6	217.2			22
23		183.1	193.5	200.2	205.5	209.6	211.6	213.8	213.7	215.8	217.5			23
24		183.4	193.7	200.4	205.8	209.8	211.8	214.0	213.9	216.1	217.7			24
25		183.6	193.9	200.6	206.0	210.0	212.0	214.3	214.1	216.3	217.9			25
26		183.8	194.1	200.8	206.1	210.2	212.2	214.5	214.3	216.5	218.1			26
27		184.0	194.3	201.0	206.3	210.4	212.4	214.7	214.6	216.7	218.3			27
28		184.2	194.5	201.2	206.5	210.5	212.6	214.9	214.8	216.9	218.5			28
29		184.4	194.7	201.4	206.7	210.7	212.8	215.1	215.0	217.1	218.7			29
30		184.7	194.9	201.6	206.9	210.9	213.0	215.3	215.2	217.3	218.9			30
31		184.9	195.1	201.8	207.1	211.1	213.2	215.4	215.4	217.5	219.1			31
32		185.1	195.3	202.0	207.3	211.3	213.4	215.6	215.6	217.7	219.2			32
33		185.3	195.5	202.1	207.4	211.4	213.5	215.8	215.8	217.9	219.4			33
34		185.5	195.6	202.3	207.6	211.6	213.7	216.0	216.0	218.1	219.6			34
35		185.6	195.8	202.5	207.8	211.8	213.9	216.2	216.2	218.2	219.8			35
36		185.8	196.0	202.7	207.9	211.9	214.1	216.4	216.4	218.4	220.0			36
37		186.0	196.2	202.8	208.1	212.1	214.3	216.5	216.6	218.6	220.1			37
38		186.2	196.3	203.0	208.3	212.3	214.4	216.7	216.8	218.8	220.3			38
39		186.4	196.5	203.2	208.4	212.4	214.6	216.9	217.0	219.0	220.5			39
40		186.6	196.7	203.4	208.6	212.6	214.8	217.1	217.2	219.1	220.7			40
41		186.8	196.8	203.5	208.8	212.8	215.0	217.2	217.4	219.3	220.8			41
42		187.0	197.0	203.7	208.9	212.9	215.1	217.4	217.5	219.5	221.0			42
43		187.1	197.2	203.9	209.1	213.1	215.3	217.6	217.7	219.7	221.2			43
44		187.3	197.3	204.0	209.2	213.2	215.5	217.7	217.9	219.8	221.3			44
45		187.5	197.5	204.2	209.4	213.4	215.6	217.9	218.1	220.0	221.5			45
46		187.7	197.7	204.4	209.6	213.6	215.8	218.1	218.3	220.2	221.7			46
47		187.9	197.8	204.5	209.7	213.7	216.0	218.2	218.5	220.3	221.8			47
48		188.0	198.0	204.7	209.9	213.9	216.1	218.4	218.6	220.5	222.0			48
49		188.2	198.2	204.8	210.0	214.0	216.3	218.6	218.8	220.7	222.2			49

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Spring Language Usage School Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50		188.4	198.3	205.0	210.2	214.2	216.5	218.7	219.0	220.9	222.3			50
51		188.6	198.5	205.2	210.3	214.3	216.6	218.9	219.2	221.0	222.5			51
52		188.8	198.7	205.3	210.5	214.5	216.8	219.1	219.4	221.2	222.7			52
53		188.9	198.8	205.5	210.7	214.7	217.0	219.2	219.5	221.4	222.8			53
54		189.1	199.0	205.7	210.8	214.8	217.1	219.4	219.7	221.5	223.0			54
55		189.3	199.1	205.8	211.0	215.0	217.3	219.6	219.9	221.7	223.2			55
56		189.5	199.3	206.0	211.1	215.1	217.5	219.7	220.1	221.9	223.3			56
57		189.7	199.5	206.1	211.3	215.3	217.6	219.9	220.3	222.1	223.5			57
58		189.8	199.6	206.3	211.5	215.5	217.8	220.1	220.5	222.2	223.7			58
59		190.0	199.8	206.5	211.6	215.6	218.0	220.3	220.7	222.4	223.8			59
60		190.2	200.0	206.6	211.8	215.8	218.2	220.4	220.8	222.6	224.0			60
61		190.4	200.1	206.8	211.9	215.9	218.3	220.6	221.0	222.8	224.2			61
62		190.6	200.3	207.0	212.1	216.1	218.5	220.8	221.2	222.9	224.3			62
63		190.8	200.5	207.2	212.3	216.3	218.7	221.0	221.4	223.1	224.5			63
64		191.0	200.7	207.3	212.4	216.4	218.9	221.1	221.6	223.3	224.7			64
65		191.1	200.8	207.5	212.6	216.6	219.0	221.3	221.8	223.5	224.9			65
66		191.3	201.0	207.7	212.8	216.8	219.2	221.5	222.0	223.7	225.0			66
67		191.5	201.2	207.9	213.0	216.9	219.4	221.7	222.2	223.9	225.2			67
68		191.7	201.4	208.0	213.1	217.1	219.6	221.9	222.4	224.0	225.4			68
69		191.9	201.6	208.2	213.3	217.3	219.8	222.0	222.6	224.2	225.6			69
70		192.1	201.7	208.4	213.5	217.5	220.0	222.2	222.8	224.4	225.8			70
71		192.3	201.9	208.6	213.7	217.7	220.1	222.4	223.0	224.6	226.0			71
72		192.6	202.1	208.8	213.9	217.8	220.3	222.6	223.2	224.8	226.2			72
73		192.8	202.3	209.0	214.0	218.0	220.5	222.8	223.4	225.0	226.4			73
74		193.0	202.5	209.2	214.2	218.2	220.7	223.0	223.7	225.2	226.6			74
75		193.2	202.7	209.4	214.4	218.4	221.0	223.2	223.9	225.5	226.8			75
76		193.4	202.9	209.6	214.6	218.6	221.2	223.4	224.1	225.7	227.0			76
77		193.7	203.1	209.8	214.8	218.8	221.4	223.7	224.4	225.9	227.2			77
78		193.9	203.4	210.0	215.0	219.0	221.6	223.9	224.6	226.1	227.4			78
79		194.2	203.6	210.2	215.3	219.2	221.8	224.1	224.8	226.4	227.6			79
80		194.4	203.8	210.5	215.5	219.5	222.1	224.3	225.1	226.6	227.9			80
81		194.7	204.0	210.7	215.7	219.7	222.3	224.6	225.4	226.8	228.1			81
82		194.9	204.3	211.0	215.9	219.9	222.6	224.8	225.6	227.1	228.4			82
83		195.2	204.5	211.2	216.2	220.2	222.8	225.1	225.9	227.4	228.6			83
84		195.5	204.8	211.5	216.4	220.4	223.1	225.4	226.2	227.6	228.9			84
85		195.8	205.1	211.7	216.7	220.7	223.4	225.6	226.5	227.9	229.2			85
86		196.1	205.4	212.0	217.0	221.0	223.6	225.9	226.8	228.2	229.5			86
87		196.4	205.7	212.3	217.3	221.2	224.0	226.2	227.2	228.5	229.8			87
88		196.8	206.0	212.6	217.6	221.5	224.3	226.6	227.5	228.9	230.1			88
89		197.2	206.3	213.0	217.9	221.9	224.6	226.9	227.9	229.2	230.4			89
90		197.5	206.7	213.3	218.2	222.2	225.0	227.3	228.3	229.6	230.8			90
91		198.0	207.1	213.7	218.6	222.6	225.4	227.7	228.7	230.0	231.2			91
92		198.4	207.5	214.1	219.0	223.0	225.8	228.1	229.2	230.4	231.6			92
93		198.9	207.9	214.6	219.5	223.4	226.3	228.6	229.7	230.9	232.1			93
94		199.5	208.5	215.1	220.0	223.9	226.8	229.1	230.3	231.4	232.6			94
95		200.1	209.1	215.7	220.5	224.5	227.4	229.7	230.9	232.1	233.2			95
96		200.9	209.7	216.4	221.2	225.1	228.1	230.4	231.7	232.8	233.9			96
97		201.8	210.6	217.2	222.0	226.0	229.0	231.3	232.6	233.7	234.7			97
98		203.1	211.7	218.3	223.1	227.0	230.1	232.4	233.9	234.8	235.9			98
99		205.0	213.5	220.1	224.8	228.8	231.9	234.2	235.8	236.7	237.7			99

Table C.2.10: Fall Science School Achievement Percentiles

		Grade												
Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
1		163.9	174.0	181.5	186.9	189.7	192.2	194.8	195.6	197.1				1
2		165.5	175.6	183.1	188.4	191.3	193.9	196.5	197.4	199.0				2
3		166.5	176.7	184.0	189.4	192.4	195.0	197.6	198.6	200.2				3
4		167.3	177.4	184.8	190.2	193.2	195.8	198.4	199.5	201.1				4
5		167.9	178.1	185.4	190.8	193.8	196.4	199.1	200.2	201.8				5
6		168.5	178.6	185.9	191.3	194.4	197.0	199.7	200.8	202.4				6
7		168.9	179.1	186.3	191.8	194.9	197.5	200.2	201.3	203.0				7
8		169.4	179.5	186.7	192.2	195.3	197.9	200.7	201.8	203.5				8
9		169.7	179.9	187.1	192.5	195.7	198.3	201.1	202.3	203.9				9
10		170.1	180.2	187.4	192.9	196.0	198.7	201.4	202.7	204.3				10
11		170.4	180.6	187.7	193.2	196.4	199.0	201.8	203.0	204.7				11
12		170.7	180.9	188.0	193.5	196.7	199.3	202.1	203.4	205.1				12
13		171.0	181.2	188.3	193.8	197.0	199.6	202.4	203.7	205.4				13
14		171.3	181.4	188.6	194.0	197.3	199.9	202.7	204.0	205.7				14
15		171.6	181.7	188.8	194.3	197.5	200.2	203.0	204.3	206.0				15
16		171.8	181.9	189.0	194.5	197.8	200.4	203.3	204.6	206.3				16
17		172.0	182.2	189.3	194.8	198.0	200.7	203.5	204.9	206.6				17
18		172.3	182.4	189.5	195.0	198.3	200.9	203.8	205.2	206.9				18
19		172.5	182.6	189.7	195.2	198.5	201.2	204.0	205.4	207.1				19
20		172.7	182.8	189.9	195.4	198.7	201.4	204.3	205.7	207.4				20
21		172.9	183.1	190.1	195.6	198.9	201.6	204.5	205.9	207.6				21
22		173.1	183.3	190.3	195.8	199.2	201.8	204.7	206.1	207.9				22
23		173.3	183.5	190.5	196.0	199.4	202.0	204.9	206.4	208.1				23
24		173.5	183.6	190.7	196.2	199.6	202.2	205.1	206.6	208.3				24
25		173.7	183.8	190.8	196.4	199.7	202.4	205.3	206.8	208.5				25
26		173.9	184.0	191.0	196.5	199.9	202.6	205.5	207.0	208.8				26
27		174.1	184.2	191.2	196.7	200.1	202.8	205.7	207.2	209.0				27
28		174.2	184.4	191.4	196.9	200.3	203.0	205.9	207.4	209.2				28
29		174.4	184.6	191.5	197.1	200.5	203.2	206.1	207.6	209.4				29
30		174.6	184.7	191.7	197.2	200.7	203.3	206.3	207.8	209.6				30
31		174.8	184.9	191.9	197.4	200.8	203.5	206.5	208.0	209.8				31
32		174.9	185.1	192.0	197.5	201.0	203.7	206.7	208.2	210.0				32
33		175.1	185.2	192.2	197.7	201.2	203.9	206.8	208.4	210.2				33
34		175.3	185.4	192.3	197.9	201.3	204.0	207.0	208.6	210.4				34
35		175.4	185.6	192.5	198.0	201.5	204.2	207.2	208.8	210.6				35
36		175.6	185.7	192.6	198.2	201.7	204.4	207.4	209.0	210.7				36
37		175.7	185.9	192.8	198.3	201.8	204.5	207.5	209.1	210.9				37
38		175.9	186.0	192.9	198.5	202.0	204.7	207.7	209.3	211.1				38
39		176.0	186.2	193.1	198.6	202.2	204.8	207.9	209.5	211.3				39
40		176.2	186.3	193.2	198.8	202.3	205.0	208.0	209.7	211.5				40
41		176.4	186.5	193.4	198.9	202.5	205.2	208.2	209.8	211.7				41
42		176.5	186.6	193.5	199.1	202.6	205.3	208.4	210.0	211.8				42
43		176.7	186.8	193.7	199.2	202.8	205.5	208.5	210.2	212.0				43
44		176.8	186.9	193.8	199.4	202.9	205.6	208.7	210.4	212.2				44
45		177.0	187.1	193.9	199.5	203.1	205.8	208.8	210.5	212.4				45
46		177.1	187.2	194.1	199.6	203.2	205.9	209.0	210.7	212.5				46
47		177.3	187.4	194.2	199.8	203.4	206.1	209.2	210.9	212.7				47
48		177.4	187.5	194.4	199.9	203.6	206.3	209.3	211.1	212.9				48
49		177.6	187.7	194.5	200.1	203.7	206.4	209.5	211.2	213.1				49

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Fall Science School Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50		177.7	187.8	194.6	200.2	203.9	206.6	209.6	211.4	213.2				50
51		177.9	188.0	194.8	200.4	204.0	206.7	209.8	211.6	213.4				51
52		178.0	188.1	194.9	200.5	204.2	206.9	210.0	211.7	213.6				52
53		178.2	188.3	195.1	200.7	204.3	207.0	210.1	211.9	213.8				53
54		178.3	188.4	195.2	200.8	204.5	207.2	210.3	212.1	213.9				54
55		178.4	188.6	195.4	200.9	204.6	207.3	210.4	212.3	214.1				55
56		178.6	188.7	195.5	201.1	204.8	207.5	210.6	212.4	214.3				56
57		178.8	188.9	195.6	201.2	204.9	207.7	210.8	212.6	214.5				57
58		178.9	189.0	195.8	201.4	205.1	207.8	210.9	212.8	214.6				58
59		179.1	189.2	195.9	201.5	205.3	208.0	211.1	212.9	214.8				59
60		179.2	189.3	196.1	201.7	205.4	208.1	211.3	213.1	215.0				60
61		179.4	189.5	196.2	201.8	205.6	208.3	211.4	213.3	215.2				61
62		179.5	189.7	196.4	202.0	205.7	208.4	211.6	213.5	215.4				62
63		179.7	189.8	196.5	202.1	205.9	208.6	211.8	213.7	215.5				63
64		179.8	190.0	196.7	202.3	206.1	208.8	211.9	213.8	215.7				64
65		180.0	190.1	196.8	202.4	206.2	208.9	212.1	214.0	215.9				65
66		180.2	190.3	197.0	202.6	206.4	209.1	212.3	214.2	216.1				66
67		180.3	190.5	197.1	202.7	206.5	209.3	212.5	214.4	216.3				67
68		180.5	190.6	197.3	202.9	206.7	209.4	212.6	214.6	216.5				68
69		180.6	190.8	197.4	203.1	206.9	209.6	212.8	214.8	216.7				69
70		180.8	191.0	197.6	203.2	207.1	209.8	213.0	215.0	216.9				70
71		181.0	191.1	197.8	203.4	207.2	210.0	213.2	215.2	217.1				71
72		181.2	191.3	197.9	203.6	207.4	210.2	213.4	215.4	217.3				72
73		181.3	191.5	198.1	203.7	207.6	210.3	213.6	215.6	217.5				73
74		181.5	191.7	198.3	203.9	207.8	210.5	213.8	215.8	217.7				74
75		181.7	191.8	198.5	204.1	208.0	210.7	214.0	216.0	217.9				75
76		181.9	192.0	198.6	204.3	208.2	210.9	214.2	216.2	218.1				76
77		182.1	192.2	198.8	204.5	208.4	211.1	214.4	216.4	218.4				77
78		182.3	192.4	199.0	204.7	208.6	211.3	214.6	216.7	218.6				78
79		182.5	192.6	199.2	204.9	208.8	211.5	214.8	216.9	218.8				79
80		182.7	192.8	199.4	205.1	209.0	211.8	215.0	217.1	219.1				80
81		182.9	193.1	199.6	205.3	209.2	212.0	215.3	217.4	219.3				81
82		183.1	193.3	199.8	205.5	209.4	212.2	215.5	217.6	219.6				82
83		183.4	193.5	200.0	205.7	209.7	212.4	215.7	217.9	219.9				83
84		183.6	193.7	200.3	205.9	209.9	212.7	216.0	218.2	220.1				84
85		183.9	194.0	200.5	206.2	210.2	213.0	216.3	218.5	220.4				85
86		184.1	194.3	200.7	206.4	210.5	213.2	216.6	218.8	220.7				86
87		184.4	194.5	201.0	206.7	210.7	213.5	216.8	219.1	221.1				87
88		184.7	194.8	201.3	207.0	211.0	213.8	217.2	219.4	221.4				88
89		185.0	195.1	201.6	207.3	211.3	214.1	217.5	219.8	221.8				89
90		185.3	195.4	201.9	207.6	211.7	214.5	217.8	220.1	222.1				90
91		185.7	195.8	202.2	207.9	212.0	214.8	218.2	220.5	222.6				91
92		186.0	196.2	202.6	208.3	212.4	215.2	218.6	221.0	223.0				92
93		186.5	196.6	203.0	208.7	212.9	215.7	219.1	221.5	223.5				93
94		186.9	197.1	203.4	209.1	213.4	216.1	219.6	222.0	224.0				94
95		187.5	197.6	203.9	209.7	213.9	216.7	220.2	222.6	224.7				95
96		188.1	198.2	204.5	210.3	214.5	217.4	220.8	223.3	225.4				96
97		188.9	199.0	205.3	211.0	215.3	218.2	221.7	224.2	226.3				97
98		189.9	200.0	206.2	212.0	216.4	219.2	222.8	225.4	227.5				98
99		191.5	201.7	207.8	213.6	218.1	220.9	224.5	227.2	229.4				99

Table C.2.11: Winter Science School Achievement Percentiles

		Grade												
Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
1		171.0	179.9	186.0	190.8	193.1	195.1	197.6	197.3	198.2				1
2		172.6	181.5	187.6	192.4	194.7	196.8	199.4	199.2	200.2				2
3		173.6	182.5	188.5	193.4	195.8	197.9	200.5	200.4	201.4				3
4		174.4	183.2	189.3	194.1	196.6	198.7	201.3	201.3	202.4				4
5		175.0	183.8	189.9	194.7	197.2	199.3	202.0	202.0	203.1				5
6		175.5	184.4	190.4	195.3	197.8	199.9	202.5	202.7	203.8				6
7		176.0	184.8	190.8	195.7	198.3	200.4	203.0	203.2	204.3				7
8		176.4	185.2	191.2	196.1	198.7	200.8	203.5	203.7	204.9				8
9		176.8	185.6	191.6	196.5	199.1	201.2	203.9	204.1	205.3				9
10		177.1	185.9	191.9	196.9	199.5	201.6	204.3	204.6	205.7				10
11		177.4	186.2	192.2	197.2	199.8	201.9	204.6	204.9	206.1				11
12		177.7	186.5	192.5	197.5	200.1	202.2	204.9	205.3	206.5				12
13		178.0	186.8	192.8	197.8	200.4	202.5	205.3	205.6	206.9				13
14		178.3	187.1	193.1	198.0	200.7	202.8	205.5	205.9	207.2				14
15		178.5	187.3	193.3	198.3	200.9	203.1	205.8	206.2	207.5				15
16		178.8	187.6	193.5	198.5	201.2	203.4	206.1	206.5	207.8				16
17		179.0	187.8	193.8	198.8	201.4	203.6	206.3	206.8	208.1				17
18		179.3	188.0	194.0	199.0	201.7	203.8	206.6	207.1	208.4				18
19		179.5	188.2	194.2	199.2	201.9	204.1	206.8	207.3	208.6				19
20		179.7	188.5	194.4	199.4	202.1	204.3	207.1	207.6	208.9				20
21		179.9	188.7	194.6	199.6	202.3	204.5	207.3	207.8	209.2				21
22		180.1	188.9	194.8	199.8	202.6	204.7	207.5	208.1	209.4				22
23		180.3	189.0	195.0	200.0	202.8	204.9	207.7	208.3	209.6				23
24		180.5	189.2	195.2	200.2	203.0	205.1	207.9	208.5	209.9				24
25		180.7	189.4	195.3	200.4	203.1	205.3	208.1	208.8	210.1				25
26		180.8	189.6	195.5	200.6	203.3	205.5	208.3	209.0	210.3				26
27		181.0	189.8	195.7	200.7	203.5	205.7	208.5	209.2	210.5				27
28		181.2	189.9	195.9	200.9	203.7	205.9	208.7	209.4	210.8				28
29		181.4	190.1	196.0	201.1	203.9	206.1	208.9	209.6	211.0				29
30		181.5	190.3	196.2	201.3	204.1	206.3	209.1	209.8	211.2				30
31		181.7	190.4	196.4	201.4	204.2	206.4	209.3	210.0	211.4				31
32		181.9	190.6	196.5	201.6	204.4	206.6	209.4	210.2	211.6				32
33		182.0	190.8	196.7	201.7	204.6	206.8	209.6	210.4	211.8				33
34		182.2	190.9	196.8	201.9	204.7	207.0	209.8	210.6	212.0				34
35		182.3	191.1	197.0	202.1	204.9	207.1	210.0	210.8	212.2				35
36		182.5	191.2	197.1	202.2	205.1	207.3	210.1	210.9	212.4				36
37		182.7	191.4	197.3	202.4	205.2	207.4	210.3	211.1	212.6				37
38		182.8	191.5	197.4	202.5	205.4	207.6	210.5	211.3	212.8				38
39		183.0	191.7	197.6	202.7	205.6	207.8	210.6	211.5	212.9				39
40		183.1	191.8	197.7	202.8	205.7	207.9	210.8	211.7	213.1				40
41		183.3	192.0	197.9	203.0	205.9	208.1	211.0	211.8	213.3				41
42		183.4	192.1	198.0	203.1	206.0	208.3	211.1	212.0	213.5				42
43		183.6	192.3	198.2	203.3	206.2	208.4	211.3	212.2	213.7				43
44		183.7	192.4	198.3	203.4	206.3	208.6	211.5	212.4	213.9				44
45		183.9	192.6	198.4	203.6	206.5	208.7	211.6	212.5	214.0				45
46		184.0	192.7	198.6	203.7	206.6	208.9	211.8	212.7	214.2				46
47		184.1	192.9	198.7	203.9	206.8	209.0	211.9	212.9	214.4				47
48		184.3	193.0	198.9	204.0	207.0	209.2	212.1	213.1	214.6				48
49		184.4	193.1	199.0	204.2	207.1	209.3	212.3	213.2	214.8				49

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Winter Science School Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50		184.6	193.3	199.1	204.3	207.3	209.5	212.4	213.4	215.0				50
51		184.7	193.4	199.3	204.4	207.4	209.7	212.6	213.6	215.1				51
52		184.9	193.6	199.4	204.6	207.6	209.8	212.7	213.8	215.3				52
53		185.0	193.7	199.6	204.7	207.7	210.0	212.9	213.9	215.5				53
54		185.2	193.9	199.7	204.9	207.9	210.1	213.1	214.1	215.7				54
55		185.3	194.0	199.9	205.0	208.0	210.3	213.2	214.3	215.9				55
56		185.5	194.2	200.0	205.2	208.2	210.4	213.4	214.5	216.0				56
57		185.6	194.3	200.1	205.3	208.3	210.6	213.5	214.6	216.2				57
58		185.8	194.4	200.3	205.5	208.5	210.7	213.7	214.8	216.4				58
59		185.9	194.6	200.4	205.6	208.6	210.9	213.9	215.0	216.6				59
60		186.1	194.7	200.6	205.8	208.8	211.1	214.0	215.2	216.8				60
61		186.2	194.9	200.7	205.9	209.0	211.2	214.2	215.3	217.0				61
62		186.4	195.0	200.9	206.1	209.1	211.4	214.4	215.5	217.1				62
63		186.5	195.2	201.0	206.2	209.3	211.5	214.5	215.7	217.3				63
64		186.7	195.3	201.2	206.4	209.4	211.7	214.7	215.9	217.5				64
65		186.8	195.5	201.3	206.5	209.6	211.9	214.9	216.1	217.7				65
66		187.0	195.7	201.5	206.7	209.8	212.0	215.0	216.3	217.9				66
67		187.1	195.8	201.6	206.9	209.9	212.2	215.2	216.5	218.1				67
68		187.3	196.0	201.8	207.0	210.1	212.4	215.4	216.7	218.3				68
69		187.5	196.1	201.9	207.2	210.3	212.6	215.6	216.8	218.5				69
70		187.6	196.3	202.1	207.3	210.5	212.7	215.7	217.0	218.7				70
71		187.8	196.5	202.3	207.5	210.6	212.9	215.9	217.2	218.9				71
72		188.0	196.6	202.4	207.7	210.8	213.1	216.1	217.4	219.1				72
73		188.2	196.8	202.6	207.9	211.0	213.3	216.3	217.7	219.4				73
74		188.3	197.0	202.8	208.0	211.2	213.5	216.5	217.9	219.6				74
75		188.5	197.2	202.9	208.2	211.4	213.7	216.7	218.1	219.8				75
76		188.7	197.3	203.1	208.4	211.6	213.9	216.9	218.3	220.0				76
77		188.9	197.5	203.3	208.6	211.8	214.1	217.1	218.5	220.3				77
78		189.1	197.7	203.5	208.8	212.0	214.3	217.3	218.8	220.5				78
79		189.3	197.9	203.7	209.0	212.2	214.5	217.5	219.0	220.7				79
80		189.5	198.1	203.9	209.2	212.4	214.7	217.8	219.2	221.0				80
81		189.7	198.3	204.1	209.4	212.6	214.9	218.0	219.5	221.3				81
82		189.9	198.5	204.3	209.6	212.8	215.2	218.2	219.7	221.5				82
83		190.1	198.8	204.5	209.8	213.1	215.4	218.5	220.0	221.8				83
84		190.4	199.0	204.8	210.1	213.3	215.6	218.7	220.3	222.1				84
85		190.6	199.2	205.0	210.3	213.6	215.9	219.0	220.6	222.4				85
86		190.9	199.5	205.2	210.6	213.8	216.2	219.3	220.9	222.7				86
87		191.1	199.8	205.5	210.8	214.1	216.5	219.6	221.2	223.0				87
88		191.4	200.0	205.8	211.1	214.4	216.8	219.9	221.5	223.4				88
89		191.7	200.3	206.1	211.4	214.7	217.1	220.2	221.9	223.8				89
90		192.1	200.6	206.4	211.7	215.1	217.4	220.6	222.3	224.2				90
91		192.4	201.0	206.7	212.1	215.4	217.8	220.9	222.7	224.6				91
92		192.8	201.4	207.1	212.5	215.8	218.2	221.3	223.1	225.0				92
93		193.2	201.8	207.5	212.9	216.3	218.6	221.8	223.6	225.6				93
94		193.6	202.2	207.9	213.3	216.7	219.1	222.3	224.2	226.1				94
95		194.2	202.7	208.4	213.9	217.3	219.7	222.9	224.8	226.8				95
96		194.8	203.3	209.0	214.5	217.9	220.3	223.5	225.5	227.5				96
97		195.5	204.1	209.7	215.2	218.7	221.1	224.4	226.4	228.5				97
98		196.6	205.1	210.7	216.2	219.8	222.2	225.5	227.6	229.7				98
99		198.1	206.6	212.3	217.8	221.4	223.9	227.2	229.5	231.7				99

Table C.2.12: Spring Science School Achievement Percentiles

Pct	K	Grade										Pct	
		1	2	3	4	5	6	7	8	9	10		11
1		174.1	182.3	187.7	192.2	193.9	195.9	198.4	197.4	197.9			1
2		175.7	183.9	189.3	193.8	195.6	197.6	200.1	199.3	199.9			2
3		176.8	184.9	190.3	194.8	196.7	198.7	201.3	200.5	201.2			3
4		177.5	185.7	191.1	195.6	197.5	199.5	202.1	201.5	202.2			4
5		178.2	186.3	191.7	196.3	198.2	200.2	202.8	202.2	203.0			5
6		178.7	186.8	192.2	196.8	198.8	200.7	203.4	202.9	203.7			6
7		179.2	187.3	192.7	197.3	199.3	201.2	203.9	203.4	204.3			7
8		179.6	187.7	193.1	197.7	199.7	201.7	204.3	203.9	204.8			8
9		180.0	188.1	193.5	198.1	200.1	202.1	204.8	204.4	205.3			9
10		180.3	188.4	193.8	198.4	200.5	202.5	205.1	204.8	205.7			10
11		180.6	188.7	194.1	198.8	200.8	202.8	205.5	205.2	206.1			11
12		180.9	189.0	194.4	199.1	201.1	203.2	205.8	205.6	206.5			12
13		181.2	189.3	194.7	199.4	201.4	203.5	206.1	205.9	206.9			13
14		181.5	189.6	195.0	199.7	201.7	203.8	206.4	206.3	207.2			14
15		181.7	189.8	195.2	199.9	202.0	204.0	206.7	206.6	207.5			15
16		182.0	190.1	195.5	200.2	202.3	204.3	207.0	206.9	207.9			16
17		182.2	190.3	195.7	200.4	202.5	204.6	207.3	207.2	208.2			17
18		182.5	190.6	195.9	200.7	202.8	204.8	207.5	207.4	208.5			18
19		182.7	190.8	196.1	200.9	203.0	205.0	207.8	207.7	208.7			19
20		182.9	191.0	196.3	201.1	203.2	205.3	208.0	208.0	209.0			20
21		183.1	191.2	196.5	201.3	203.4	205.5	208.2	208.2	209.3			21
22		183.3	191.4	196.7	201.5	203.6	205.7	208.4	208.5	209.5			22
23		183.5	191.6	196.9	201.7	203.9	205.9	208.7	208.7	209.8			23
24		183.7	191.8	197.1	201.9	204.1	206.1	208.9	208.9	210.0			24
25		183.9	192.0	197.3	202.1	204.3	206.3	209.1	209.2	210.2			25
26		184.1	192.1	197.5	202.3	204.5	206.5	209.3	209.4	210.5			26
27		184.3	192.3	197.7	202.5	204.6	206.7	209.5	209.6	210.7			27
28		184.4	192.5	197.8	202.7	204.8	206.9	209.7	209.8	210.9			28
29		184.6	192.7	198.0	202.8	205.0	207.1	209.9	210.0	211.2			29
30		184.8	192.8	198.2	203.0	205.2	207.3	210.0	210.2	211.4			30
31		184.9	193.0	198.3	203.2	205.4	207.5	210.2	210.4	211.6			31
32		185.1	193.2	198.5	203.4	205.5	207.6	210.4	210.6	211.8			32
33		185.3	193.3	198.7	203.5	205.7	207.8	210.6	210.8	212.0			33
34		185.4	193.5	198.8	203.7	205.9	208.0	210.8	211.0	212.2			34
35		185.6	193.6	199.0	203.8	206.1	208.2	210.9	211.2	212.4			35
36		185.8	193.8	199.1	204.0	206.2	208.3	211.1	211.4	212.6			36
37		185.9	193.9	199.3	204.2	206.4	208.5	211.3	211.6	212.8			37
38		186.1	194.1	199.5	204.3	206.6	208.7	211.5	211.8	213.0			38
39		186.2	194.3	199.6	204.5	206.7	208.8	211.6	212.0	213.2			39
40		186.4	194.4	199.8	204.6	206.9	209.0	211.8	212.2	213.4			40
41		186.5	194.6	199.9	204.8	207.0	209.2	212.0	212.4	213.6			41
42		186.7	194.7	200.1	205.0	207.2	209.3	212.1	212.5	213.8			42
43		186.8	194.9	200.2	205.1	207.4	209.5	212.3	212.7	214.0			43
44		187.0	195.0	200.3	205.3	207.5	209.7	212.5	212.9	214.2			44
45		187.1	195.1	200.5	205.4	207.7	209.8	212.6	213.1	214.3			45
46		187.3	195.3	200.6	205.6	207.8	210.0	212.8	213.3	214.5			46
47		187.4	195.4	200.8	205.7	208.0	210.1	213.0	213.4	214.7			47
48		187.6	195.6	200.9	205.9	208.2	210.3	213.1	213.6	214.9			48
49		187.7	195.7	201.1	206.0	208.3	210.5	213.3	213.8	215.1			49

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Spring Science School Achievement Percentiles, *continued*

Pct	K	1	2	3	4	5	6	7	8	9	10	11	12	Pct
50		187.9	195.9	201.2	206.2	208.5	210.6	213.4	214.0	215.3				50
51		188.0	196.0	201.4	206.3	208.6	210.8	213.6	214.2	215.5				51
52		188.2	196.2	201.5	206.5	208.8	210.9	213.8	214.3	215.7				52
53		188.3	196.3	201.7	206.6	208.9	211.1	213.9	214.5	215.8				53
54		188.5	196.5	201.8	206.8	209.1	211.2	214.1	214.7	216.0				54
55		188.6	196.6	201.9	206.9	209.3	211.4	214.3	214.9	216.2				55
56		188.8	196.8	202.1	207.1	209.4	211.6	214.4	215.1	216.4				56
57		188.9	196.9	202.2	207.2	209.6	211.7	214.6	215.2	216.6				57
58		189.1	197.1	202.4	207.4	209.7	211.9	214.7	215.4	216.8				58
59		189.2	197.2	202.5	207.5	209.9	212.1	214.9	215.6	217.0				59
60		189.4	197.4	202.7	207.7	210.1	212.2	215.1	215.8	217.2				60
61		189.5	197.5	202.8	207.9	210.2	212.4	215.2	216.0	217.4				61
62		189.7	197.7	203.0	208.0	210.4	212.5	215.4	216.2	217.6				62
63		189.8	197.8	203.1	208.2	210.5	212.7	215.6	216.4	217.8				63
64		190.0	198.0	203.3	208.3	210.7	212.9	215.8	216.6	218.0				64
65		190.2	198.1	203.5	208.5	210.9	213.1	215.9	216.7	218.2				65
66		190.3	198.3	203.6	208.7	211.0	213.2	216.1	216.9	218.4				66
67		190.5	198.4	203.8	208.8	211.2	213.4	216.3	217.1	218.6				67
68		190.6	198.6	203.9	209.0	211.4	213.6	216.5	217.3	218.8				68
69		190.8	198.8	204.1	209.2	211.6	213.8	216.7	217.5	219.0				69
70		191.0	198.9	204.3	209.3	211.7	213.9	216.8	217.7	219.2				70
71		191.1	199.1	204.4	209.5	211.9	214.1	217.0	217.9	219.4				71
72		191.3	199.3	204.6	209.7	212.1	214.3	217.2	218.2	219.6				72
73		191.5	199.4	204.8	209.9	212.3	214.5	217.4	218.4	219.9				73
74		191.7	199.6	204.9	210.0	212.5	214.7	217.6	218.6	220.1				74
75		191.9	199.8	205.1	210.2	212.7	214.9	217.8	218.8	220.3				75
76		192.0	200.0	205.3	210.4	212.9	215.1	218.0	219.0	220.6				76
77		192.2	200.2	205.5	210.6	213.1	215.3	218.2	219.3	220.8				77
78		192.4	200.4	205.7	210.8	213.3	215.5	218.4	219.5	221.1				78
79		192.6	200.6	205.9	211.0	213.5	215.7	218.7	219.8	221.3				79
80		192.8	200.8	206.1	211.2	213.7	215.9	218.9	220.0	221.6				80
81		193.1	201.0	206.3	211.5	214.0	216.2	219.1	220.3	221.8				81
82		193.3	201.2	206.5	211.7	214.2	216.4	219.4	220.5	222.1				82
83		193.5	201.4	206.7	211.9	214.4	216.7	219.6	220.8	222.4				83
84		193.8	201.7	207.0	212.2	214.7	216.9	219.9	221.1	222.7				84
85		194.0	201.9	207.2	212.4	214.9	217.2	220.2	221.4	223.0				85
86		194.3	202.2	207.5	212.7	215.2	217.5	220.4	221.7	223.4				86
87		194.5	202.4	207.7	213.0	215.5	217.8	220.7	222.0	223.7				87
88		194.8	202.7	208.0	213.3	215.8	218.1	221.1	222.4	224.1				88
89		195.1	203.0	208.3	213.6	216.1	218.4	221.4	222.8	224.4				89
90		195.4	203.3	208.6	213.9	216.5	218.7	221.7	223.2	224.9				90
91		195.8	203.7	209.0	214.3	216.8	219.1	222.1	223.6	225.3				91
92		196.2	204.1	209.4	214.6	217.2	219.5	222.5	224.0	225.8				92
93		196.6	204.5	209.8	215.1	217.7	220.0	223.0	224.5	226.3				93
94		197.1	204.9	210.2	215.5	218.2	220.5	223.5	225.1	226.9				94
95		197.6	205.4	210.7	216.1	218.7	221.0	224.1	225.7	227.6				95
96		198.2	206.1	211.4	216.7	219.4	221.7	224.8	226.5	228.4				96
97		199.0	206.8	212.1	217.5	220.2	222.5	225.6	227.4	229.3				97
98		200.0	207.8	213.1	218.5	221.3	223.6	226.7	228.7	230.6				98
99		201.6	209.4	214.7	220.2	223.0	225.4	228.5	230.6	232.7				99

Appendix D - Student and School Conditional Growth Distributions

This appendix is divided into 4 content area sections, each providing multi-part tables for the content area (mathematics, reading, language usage, and science). Each table in a content area presents conditional term-to-term growth distributions for one grade level (see Table 1). The term-to-term combinations that make up the parts of each table are: Last Winter to Winter; Last Spring to Spring; Last Spring to Fall; Fall to Winter, Spring, and Next Fall; and Winter to Spring, respectively. (Since there is no grade prior to kindergarten, only four tables are provided for Grade K.) These tables allow the distribution of growth for students to be readily compared to the corresponding distribution of growth for schools.

To use these tables, first find the table that corresponds to the content area-grade level combination of interest, and the vertical sub-panels in that table that provides the term-to-term growth comparison of interest. Determine if the growth norms of interest are for students (left sub-panel) or for schools (right sub-panel). In the RIT column, find the beginning term RIT value that is closest to the value of interest. Move to the right to find the mean growth to the second term in the comparison.

For example, to find the fall-to-spring mathematics growth for a starting fall RIT of 180 for grade 2 students, first locate Table D.1.3, followed by the value under “RIT Fall” for student growth that is closest to 180. A RIT of 180 is roughly at the 65th percentile, and the fall-to-spring growth for students is 13.92. The standard deviation for this growth is 6.43, as shown in the “SD” row above. Similarly, to compare this growth to that for schools where Grade 2 students had a mean starting fall RIT of 180 in mathematics, follow the same process except focus on the school growth data. The closest value is 179.91, with a fall-spring growth of 14.40 and a standard deviation of 2.27. A starting RIT of 180 for schools is associated with the 80th percentile.

Appendix D.1 - Mathematics

Table D.1.1: Mathematics Grade K Conditional Growth Distributions

Start %ile	RIT Fall	Student Growth			RIT Fall	School Growth				
		Fall	Winter	Spring		N Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>4.91</i>	<i>6.26</i>	<i>7.36</i>	<i>SD</i>		<i>1.28</i>	<i>2.24</i>	<i>2.88</i>
10	123.61		12.56	20.34	25.27	132.60		11.15	18.56	23.25
15	126.66		12.18	19.80	24.64	133.94		11.04	18.36	23.00
20	129.09		11.88	19.38	24.13	134.99		10.95	18.21	22.81
25	131.17		11.62	19.01	23.70	135.90		10.87	18.08	22.64
30	133.04		11.38	18.69	23.31	136.72		10.81	17.96	22.48
35	134.77		11.17	18.38	22.95	137.47		10.74	17.85	22.34
40	136.41		10.96	18.10	22.61	138.19		10.68	17.74	22.21
45	138.00		10.76	17.82	22.27	138.88		10.63	17.64	22.08
50	139.56		10.57	17.54	21.95	139.56		10.57	17.54	21.95
55	141.13		10.37	17.27	21.62	140.24		10.51	17.44	21.82
60	142.72		10.18	16.99	21.29	140.94		10.45	17.34	21.69
65	144.36		9.97	16.70	20.95	141.65		10.40	17.24	21.56
70	146.09		9.75	16.40	20.59	142.41		10.33	17.13	21.41
75	147.96		9.52	16.07	20.20	143.22		10.26	17.01	21.26
80	150.04		9.26	15.71	19.77	144.13		10.19	16.88	21.09
85	152.46		8.96	15.29	19.26	145.19		10.10	16.72	20.89
90	155.51		8.58	14.75	18.62	146.52		9.99	16.53	20.64

Start %ile	RIT Winter	Student Growth			RIT Winter	School Growth				
		Fall	Winter	Spring		N Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>			<i>4.69</i>	<i>SD</i>			<i>1.01</i>		
10	134.82			8.09	143.55			7.09		
15	137.75			7.88	144.81			7.07		
20	140.08			7.71	145.81			7.05		
25	142.08			7.56	146.67			7.03		
30	143.87			7.43	147.44			7.02		
35	145.53			7.31	148.15			7.01		
40	147.11			7.20	148.83			7.00		
45	148.63			7.08	149.49			6.99		
50	150.13			6.97	150.13			6.97		
55	151.63			6.87	150.78			6.96		
60	153.16			6.75	151.43			6.95		
65	154.73			6.64	152.11			6.94		
70	156.40			6.52	152.83			6.93		
75	158.19			6.39	153.60			6.91		
80	160.18			6.24	154.46			6.90		
85	162.51			6.07	155.46			6.88		
90	165.44			5.86	156.72			6.86		

Table D.1.2: Mathematics Grade 1 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.05</i>			<i>SD</i>		<i>1.93</i>		
10	134.82		21.21			143.60		19.38		
15	137.96		20.78			145.06		19.30		
20	140.46		20.43			146.22		19.23		
25	142.60		20.13			147.22		19.17		
30	144.52		19.87			148.11		19.12		
35	146.30		19.62			148.94		19.07		
40	147.99		19.39			149.73		19.03		
45	149.63		19.16			150.49		18.98		
50	151.24		18.94			151.24		18.94		
55	152.85		18.72			151.99		18.90		
60	154.48		18.49			152.75		18.85		
65	156.17		18.26			153.54		18.81		
70	157.96		18.01			154.36		18.76		
75	159.88		17.75			155.26		18.71		
80	162.02		17.45			156.26		18.65		
85	164.52		17.11			157.42		18.58		
90	167.66		16.67			158.88		18.50		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.15</i>		<i>6.38</i>		<i>SD</i>	<i>3.07</i>		<i>2.34</i>	
10	140.50	6.52		21.13		150.14	3.53		18.87	
15	143.91	5.59		20.54		151.71	3.18		18.71	
20	146.63	4.86		20.07		152.96	2.90		18.59	
25	148.95	4.23		19.67		154.03	2.66		18.48	
30	151.05	3.67		19.31		154.99	2.45		18.38	
35	152.98	3.15		18.98		155.88	2.25		18.30	
40	154.82	2.65		18.66		156.73	2.06		18.21	
45	156.60	2.17		18.35		157.54	1.88		18.13	
50	158.35	1.70		18.05		158.35	1.70		18.05	
55	160.10	1.23		17.75		159.16	1.52		17.97	
60	161.88	0.75		17.44		159.97	1.34		17.89	
65	163.72	0.25		17.12		160.82	1.15		17.80	
70	165.66	-0.27		16.79		161.71	0.95		17.72	
75	167.75	-0.84		16.43		162.67	0.74		17.62	
80	170.07	-1.46		16.03		163.74	0.50		17.51	
85	172.79	-2.20		15.56		164.99	0.22		17.39	
90	176.20	-3.12		14.97		166.56	-0.13		17.23	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.14</i>	<i>6.72</i>	<i>7.30</i>	<i>SD</i>		<i>1.44</i>	<i>2.51</i>	<i>2.28</i>
10	144.11		11.33	17.76	15.23	152.55		10.25	16.55	15.05
15	147.16		11.10	17.49	15.22	153.98		10.22	16.51	15.07
20	149.58		10.92	17.28	15.22	155.12		10.21	16.48	15.09

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Mathematics Grade 1 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	151.66		10.76	17.09	15.21	156.10		10.19	16.46	15.11
30	153.53		10.62	16.93	15.20	156.98		10.18	16.43	15.13
35	155.26		10.49	16.77	15.20	157.79		10.16	16.41	15.14
40	156.90		10.37	16.63	15.19	158.57		10.15	16.39	15.16
45	158.49		10.25	16.49	15.19	159.31		10.14	16.37	15.17
50	160.05		10.13	16.35	15.19	160.05		10.13	16.35	15.19
55	161.61		10.01	16.21	15.18	160.78		10.12	16.33	15.20
60	163.20		9.89	16.07	15.18	161.53		10.11	16.31	15.21
65	164.84		9.77	15.93	15.17	162.30		10.10	16.29	15.23
70	166.57		9.64	15.78	15.17	163.12		10.08	16.27	15.24
75	168.44		9.50	15.61	15.16	164.00		10.07	16.25	15.26
80	170.51		9.34	15.43	15.16	164.98		10.05	16.22	15.28
85	172.94		9.16	15.21	15.15	166.12		10.04	16.19	15.30
90	175.98		8.93	14.94	15.14	167.55		10.01	16.15	15.32

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.81		<i>SD</i>			1.06	
10	154.04			6.63		162.56			5.97	
15	157.13			6.56		164.02			6.02	
20	159.58			6.49		165.18			6.06	
25	161.69			6.44		166.17			6.09	
30	163.58			6.39		167.06			6.12	
35	165.33			6.35		167.89			6.15	
40	166.99			6.30		168.67			6.17	
45	168.60			6.26		169.43			6.20	
50	170.18			6.22		170.18			6.22	
55	171.76			6.18		170.93			6.25	
60	173.37			6.14		171.68			6.27	
65	175.03			6.10		172.47			6.30	
70	176.78			6.05		173.29			6.32	
75	178.67			6.00		174.19			6.35	
80	180.78			5.95		175.18			6.39	
85	183.23			5.89		176.34			6.42	
90	186.32			5.81		177.79			6.47	

Table D.1.3: Mathematics Grade 2 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.77</i>			<i>SD</i>		<i>1.79</i>		
10	152.37		16.74			161.68		15.11		
15	155.64		16.33			163.17		15.01		
20	158.24		16.00			164.36		14.93		
25	160.47		15.72			165.37		14.86		
30	162.48		15.47			166.29		14.80		
35	164.33		15.24			167.13		14.75		
40	166.10		15.01			167.94		14.69		
45	167.80		14.80			168.71		14.64		
50	169.48		14.59			169.48		14.59		
55	171.15		14.38			170.24		14.54		
60	172.86		14.16			171.02		14.48		
65	174.62		13.94			171.82		14.43		
70	176.48		13.71			172.67		14.37		
75	178.48		13.45			173.58		14.31		
80	180.71		13.17			174.60		14.24		
85	183.31		12.85			175.78		14.16		
90	186.58		12.43			177.27		14.06		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.05</i>		<i>6.25</i>		<i>SD</i>	<i>2.81</i>		<i>2.30</i>	
10	157.64	3.43		16.54		167.15	1.40		14.82	
15	161.08	2.66		16.01		168.77	1.02		14.62	
20	163.82	2.05		15.59		170.06	0.71		14.46	
25	166.16	1.52		15.23		171.17	0.45		14.33	
30	168.27	1.05		14.91		172.17	0.22		14.21	
35	170.23	0.61		14.61		173.09	0.00		14.09	
40	172.08	0.20		14.32		173.96	-0.20		13.98	
45	173.87	-0.20		14.05		174.81	-0.40		13.88	
50	175.64	-0.60		13.78		175.64	-0.60		13.78	
55	177.41	-1.00		13.51		176.47	-0.80		13.68	
60	179.20	-1.40		13.23		177.32	-1.00		13.57	
65	181.05	-1.81		12.95		178.19	-1.20		13.46	
70	183.01	-2.25		12.65		179.11	-1.42		13.35	
75	185.11	-2.72		12.33		180.11	-1.65		13.23	
80	187.46	-3.25		11.97		181.22	-1.91		13.09	
85	190.20	-3.86		11.55		182.51	-2.22		12.93	
90	193.64	-4.63		11.02		184.13	-2.60		12.73	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.01</i>	<i>6.43</i>	<i>6.48</i>	<i>SD</i>		<i>1.29</i>	<i>2.27</i>	<i>1.74</i>
10	158.40		10.27	15.89	13.99	167.62		9.00	14.34	13.16
15	161.58		10.03	15.60	13.86	169.04		9.01	14.35	13.19
20	164.11		9.84	15.37	13.76	170.17		9.01	14.35	13.21

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Mathematics Grade 2 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	166.28		9.68	15.18	13.67	171.13		9.01	14.36	13.23
30	168.23		9.54	15.00	13.59	172.00		9.02	14.36	13.25
35	170.04		9.40	14.83	13.51	172.81		9.02	14.37	13.26
40	171.75		9.27	14.68	13.44	173.57		9.02	14.37	13.28
45	173.41		9.15	14.53	13.37	174.31		9.02	14.37	13.29
50	175.04		9.03	14.38	13.30	175.04		9.03	14.38	13.30
55	176.67		8.90	14.23	13.24	175.77		9.03	14.38	13.32
60	178.33		8.78	14.08	13.17	176.51		9.03	14.39	13.33
65	180.04		8.65	13.92	13.10	177.27		9.03	14.39	13.35
70	181.85		8.52	13.76	13.02	178.08		9.04	14.39	13.36
75	183.80		8.37	13.58	12.94	178.95		9.04	14.40	13.38
80	185.97		8.21	13.38	12.85	179.91		9.04	14.40	13.40
85	188.50		8.02	13.15	12.75	181.04		9.04	14.41	13.42
90	191.68		7.78	12.86	12.62	182.46		9.05	14.42	13.45

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.73		<i>SD</i>			0.95	
10	167.39			5.91		176.44			5.07	
15	170.58			5.80		177.90			5.12	
20	173.11			5.72		179.06			5.16	
25	175.29			5.65		180.05			5.20	
30	177.24			5.58		180.94			5.23	
35	179.05			5.52		181.77			5.27	
40	180.77			5.46		182.56			5.30	
45	182.43			5.41		183.32			5.32	
50	184.07			5.35		184.07			5.35	
55	185.70			5.30		184.81			5.38	
60	187.36			5.24		185.57			5.41	
65	189.08			5.19		186.36			5.44	
70	190.89			5.12		187.19			5.47	
75	192.84			5.06		188.08			5.50	
80	195.02			4.99		189.07			5.54	
85	197.55			4.90		190.23			5.59	
90	200.74			4.80		191.69			5.64	

Table D.1.4: Mathematics Grade 3 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.63</i>			<i>SD</i>		<i>1.68</i>		
10	166.64		13.67			176.15		12.39		
15	169.92		13.43			177.61		12.39		
20	172.53		13.25			178.77		12.40		
25	174.77		13.08			179.77		12.41		
30	176.78		12.94			180.67		12.41		
35	178.64		12.80			181.50		12.42		
40	180.41		12.67			182.29		12.42		
45	182.12		12.55			183.05		12.42		
50	183.80		12.43			183.80		12.43		
55	185.48		12.31			184.55		12.43		
60	187.19		12.18			185.31		12.44		
65	188.96		12.06			186.10		12.44		
70	190.82		11.92			186.93		12.45		
75	192.83		11.77			187.83		12.45		
80	195.07		11.61			188.83		12.46		
85	197.68		11.42			189.99		12.46		
90	200.96		11.19			191.45		12.47		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>6.74</i>		<i>6.25</i>		<i>SD</i>	<i>2.44</i>		<i>2.21</i>	
10	171.79	1.77		13.08		181.36	0.15		11.77	
15	175.18	1.24		12.79		182.92	-0.08		11.74	
20	177.87	0.81		12.56		184.15	-0.26		11.71	
25	180.18	0.45		12.37		185.22	-0.41		11.68	
30	182.25	0.12		12.19		186.17	-0.54		11.66	
35	184.17	-0.18		12.03		187.05	-0.67		11.64	
40	186.00	-0.47		11.88		187.89	-0.79		11.62	
45	187.76	-0.75		11.73		188.70	-0.91		11.60	
50	189.50	-1.02		11.58		189.50	-1.02		11.58	
55	191.24	-1.30		11.43		190.30	-1.14		11.56	
60	193.00	-1.57		11.28		191.11	-1.25		11.54	
65	194.82	-1.86		11.13		191.95	-1.37		11.52	
70	196.74	-2.16		10.97		192.83	-1.50		11.50	
75	198.82	-2.49		10.79		193.78	-1.64		11.48	
80	201.13	-2.86		10.59		194.84	-1.79		11.45	
85	203.82	-3.28		10.37		196.08	-1.97		11.42	
90	207.21	-3.81		10.08		197.64	-2.19		11.39	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>4.94</i>	<i>6.21</i>	<i>6.06</i>	<i>SD</i>		<i>1.20</i>	<i>2.11</i>	<i>1.53</i>
10	171.24		8.69	13.61	12.02	180.83		7.55	12.25	11.07
15	174.54		8.51	13.41	11.91	182.30		7.59	12.32	11.14
20	177.16		8.37	13.26	11.81	183.46		7.62	12.37	11.19

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Mathematics Grade 3 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	179.41		8.25	13.13	11.74	184.45		7.65	12.42	11.24
30	181.42		8.14	13.01	11.67	185.35		7.67	12.46	11.28
35	183.29		8.04	12.90	11.60	186.18		7.69	12.50	11.31
40	185.07		7.94	12.80	11.54	186.97		7.71	12.53	11.35
45	186.79		7.85	12.70	11.48	187.73		7.73	12.57	11.38
50	188.48		7.75	12.60	11.42	188.48		7.75	12.60	11.42
55	190.17		7.66	12.50	11.36	189.23		7.77	12.64	11.45
60	191.88		7.57	12.40	11.30	189.99		7.79	12.67	11.49
65	193.66		7.47	12.30	11.24	190.77		7.81	12.71	11.52
70	195.53		7.37	12.19	11.17	191.60		7.83	12.74	11.56
75	197.55		7.26	12.07	11.10	192.50		7.86	12.78	11.60
80	199.80		7.13	11.94	11.02	193.50		7.88	12.83	11.65
85	202.41		6.99	11.79	10.93	194.66		7.91	12.88	11.70
90	205.71		6.81	11.60	10.82	196.12		7.95	12.95	11.77

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.67		<i>SD</i>			0.86	
10	178.75			5.27		188.24			4.48	
15	182.09			5.19		189.77			4.55	
20	184.75			5.12		190.98			4.61	
25	187.03			5.07		192.02			4.65	
30	189.08			5.02		192.96			4.70	
35	190.97			4.97		193.83			4.74	
40	192.77			4.93		194.65			4.78	
45	194.52			4.89		195.45			4.81	
50	196.23			4.85		196.23			4.85	
55	197.94			4.81		197.01			4.88	
60	199.68			4.77		197.81			4.92	
65	201.48			4.72		198.63			4.96	
70	203.38			4.68		199.50			5.00	
75	205.43			4.63		200.44			5.04	
80	207.71			4.57		201.48			5.09	
85	210.37			4.51		202.69			5.15	
90	213.71			4.43		204.22			5.22	

Table D.1.5: Mathematics Grade 4 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.68</i>			<i>SD</i>		<i>1.62</i>		
10	177.98		10.42			187.56		9.77		
15	181.39		10.38			189.14		9.85		
20	184.11		10.35			190.40		9.92		
25	186.44		10.32			191.48		9.98		
30	188.53		10.30			192.45		10.04		
35	190.46		10.28			193.34		10.09		
40	192.30		10.26			194.19		10.13		
45	194.08		10.24			195.02		10.18		
50	195.83		10.22			195.83		10.22		
55	197.58		10.20			196.64		10.27		
60	199.36		10.19			197.46		10.31		
65	201.20		10.17			198.32		10.36		
70	203.13		10.14			199.21		10.41		
75	205.22		10.12			200.18		10.46		
80	207.55		10.10			201.26		10.52		
85	210.26		10.07			202.52		10.59		
90	213.68		10.03			204.10		10.68		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>6.61</i>		<i>6.42</i>		<i>SD</i>	<i>2.28</i>		<i>2.24</i>	
10	182.38	0.78		9.96		192.37	-0.85		9.16	
15	185.94	0.35		9.88		194.02	-0.96		9.23	
20	188.77	0.01		9.81		195.33	-1.05		9.28	
25	191.20	-0.28		9.75		196.45	-1.13		9.33	
30	193.38	-0.54		9.70		197.46	-1.20		9.37	
35	195.40	-0.78		9.65		198.40	-1.27		9.41	
40	197.31	-1.01		9.61		199.29	-1.33		9.45	
45	199.17	-1.23		9.56		200.15	-1.39		9.48	
50	200.99	-1.44		9.52		200.99	-1.44		9.52	
55	202.82	-1.66		9.48		201.84	-1.50		9.55	
60	204.67	-1.88		9.43		202.70	-1.56		9.59	
65	206.59	-2.11		9.39		203.59	-1.62		9.63	
70	208.61	-2.35		9.34		204.52	-1.69		9.67	
75	210.79	-2.61		9.28		205.53	-1.76		9.71	
80	213.22	-2.90		9.23		206.66	-1.83		9.75	
85	216.05	-3.24		9.16		207.97	-1.93		9.81	
90	219.61	-3.66		9.07		209.62	-2.04		9.88	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>4.97</i>	<i>6.24</i>	<i>5.89</i>	<i>SD</i>		<i>1.13</i>	<i>1.98</i>	<i>1.33</i>
10	181.09		6.95	11.15	9.30	191.00		6.20	10.43	9.12
15	184.62		6.87	11.11	9.37	192.64		6.26	10.53	9.22
20	187.43		6.80	11.08	9.42	193.94		6.30	10.61	9.31

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Mathematics Grade 4 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	189.84		6.74	11.06	9.47	195.05		6.34	10.68	9.38
30	192.00		6.69	11.04	9.51	196.05		6.38	10.74	9.44
35	194.00		6.64	11.02	9.55	196.98		6.41	10.80	9.50
40	195.90		6.59	11.00	9.59	197.86		6.44	10.86	9.55
45	197.74		6.55	10.98	9.62	198.71		6.47	10.91	9.61
50	199.55		6.50	10.96	9.66	199.55		6.50	10.96	9.66
55	201.36		6.46	10.95	9.69	200.39		6.53	11.02	9.71
60	203.20		6.42	10.93	9.73	201.24		6.57	11.07	9.77
65	205.10		6.37	10.91	9.77	202.12		6.60	11.12	9.82
70	207.10		6.32	10.89	9.81	203.05		6.63	11.18	9.88
75	209.26		6.27	10.87	9.85	204.05		6.67	11.25	9.94
80	211.67		6.21	10.84	9.90	205.16		6.71	11.32	10.01
85	214.47		6.14	10.81	9.95	206.46		6.75	11.40	10.10
90	218.00		6.06	10.78	10.02	208.09		6.81	11.50	10.20

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.67		<i>SD</i>			0.81	
10	186.95			4.54		197.08			4.06	
15	190.61			4.52		198.80			4.13	
20	193.51			4.51		200.16			4.19	
25	196.00			4.50		201.33			4.25	
30	198.24			4.49		202.38			4.29	
35	200.31			4.48		203.36			4.34	
40	202.28			4.47		204.28			4.38	
45	204.18			4.47		205.17			4.42	
50	206.05			4.46		206.05			4.46	
55	207.93			4.45		206.93			4.50	
60	209.83			4.44		207.83			4.54	
65	211.80			4.43		208.75			4.58	
70	213.87			4.43		209.72			4.62	
75	216.11			4.42		210.77			4.67	
80	218.60			4.41		211.94			4.72	
85	221.50			4.40		213.31			4.78	
90	225.15			4.38		215.02			4.86	

Table D.1.6: Mathematics Grade 5 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.93</i>			<i>SD</i>		<i>1.75</i>		
10	186.60		9.22			196.61		8.30		
15	190.27		9.16			198.36		8.42		
20	193.18		9.12			199.76		8.51		
25	195.69		9.08			200.96		8.59		
30	197.93		9.04			202.03		8.66		
35	200.02		9.01			203.03		8.73		
40	201.99		8.97			203.97		8.79		
45	203.90		8.94			204.89		8.85		
50	205.79		8.91			205.79		8.91		
55	207.67		8.88			206.69		8.97		
60	209.58		8.85			207.60		9.03		
65	211.56		8.82			208.55		9.10		
70	213.64		8.79			209.54		9.16		
75	215.89		8.75			210.62		9.23		
80	218.39		8.71			211.81		9.31		
85	221.31		8.66			213.21		9.41		
90	224.98		8.60			214.96		9.52		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>6.59</i>		<i>6.64</i>		<i>SD</i>	<i>2.16</i>		<i>2.35</i>	
10	190.21	1.39		8.90		200.68	-0.52		7.80	
15	194.08	0.88		8.79		202.54	-0.67		7.90	
20	197.15	0.47		8.70		204.03	-0.79		7.98	
25	199.79	0.12		8.63		205.30	-0.89		8.05	
30	202.15	-0.19		8.56		206.44	-0.98		8.11	
35	204.35	-0.48		8.50		207.49	-1.06		8.17	
40	206.43	-0.76		8.44		208.50	-1.14		8.22	
45	208.44	-1.03		8.38		209.47	-1.21		8.27	
50	210.42	-1.29		8.32		210.42	-1.29		8.32	
55	212.41	-1.55		8.27		211.38	-1.36		8.38	
60	214.42	-1.82		8.21		212.35	-1.44		8.43	
65	216.50	-2.09		8.15		213.35	-1.52		8.48	
70	218.69	-2.39		8.09		214.41	-1.60		8.54	
75	221.06	-2.70		8.02		215.55	-1.69		8.60	
80	223.70	-3.05		7.95		216.82	-1.79		8.67	
85	226.77	-3.46		7.86		218.30	-1.91		8.75	
90	230.64	-3.97		7.75		220.17	-2.05		8.85	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.10</i>	<i>6.53</i>	<i>6.17</i>	<i>SD</i>		<i>1.33</i>	<i>2.32</i>	<i>1.71</i>
10	189.67		5.75	9.37	4.78	199.74		5.06	8.73	4.61
15	193.40		5.72	9.42	4.91	201.54		5.16	8.90	4.77
20	196.35		5.69	9.46	5.02	202.97		5.23	9.03	4.90

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Mathematics Grade 5 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	198.89		5.66	9.49	5.11	204.19		5.30	9.15	5.02
30	201.17		5.64	9.52	5.19	205.29		5.36	9.25	5.12
35	203.28		5.62	9.54	5.26	206.31		5.41	9.35	5.21
40	205.29		5.60	9.57	5.34	207.28		5.46	9.44	5.30
45	207.23		5.58	9.59	5.40	208.21		5.51	9.53	5.39
50	209.13		5.56	9.61	5.47	209.13		5.56	9.61	5.47
55	211.04		5.55	9.64	5.54	210.06		5.61	9.70	5.56
60	212.98		5.53	9.66	5.61	210.99		5.66	9.79	5.64
65	214.99		5.51	9.69	5.68	211.96		5.72	9.88	5.73
70	217.10		5.49	9.71	5.76	212.98		5.77	9.98	5.83
75	219.38		5.47	9.74	5.84	214.08		5.83	10.08	5.93
80	221.91		5.44	9.77	5.93	215.30		5.90	10.19	6.04
85	224.87		5.41	9.81	6.03	216.73		5.97	10.33	6.17
90	228.60		5.38	9.86	6.17	218.53		6.07	10.50	6.34

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.74		<i>SD</i>			0.93	
10	194.35			3.88		204.66			3.46	
15	198.24			3.91		206.58			3.57	
20	201.33			3.94		208.10			3.66	
25	203.99			3.96		209.41			3.74	
30	206.37			3.98		210.59			3.81	
35	208.58			4.00		211.68			3.87	
40	210.68			4.02		212.71			3.93	
45	212.70			4.03		213.71			3.99	
50	214.70			4.05		214.70			4.05	
55	216.69			4.07		215.68			4.11	
60	218.72			4.08		216.68			4.17	
65	220.82			4.10		217.72			4.23	
70	223.03			4.12		218.81			4.29	
75	225.41			4.14		219.98			4.36	
80	228.06			4.16		221.29			4.44	
85	231.16			4.19		222.82			4.53	
90	235.05			4.22		224.74			4.64	

Table D.1.7: Mathematics Grade 6 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.00</i>			<i>SD</i>		<i>1.89</i>		
10	193.91		5.62			204.78		4.62		
15	197.96		5.41			206.74		4.60		
20	201.17		5.24			208.31		4.58		
25	203.92		5.10			209.64		4.57		
30	206.40		4.97			210.85		4.56		
35	208.69		4.85			211.96		4.54		
40	210.87		4.73			213.02		4.53		
45	212.97		4.62			214.04		4.52		
50	215.05		4.51			215.05		4.51		
55	217.12		4.41			216.05		4.50		
60	219.22		4.29			217.07		4.49		
65	221.40		4.18			218.13		4.48		
70	223.69		4.06			219.24		4.47		
75	226.17		3.93			220.45		4.46		
80	228.92		3.79			221.79		4.45		
85	232.14		3.62			223.35		4.43		
90	236.18		3.40			225.31		4.41		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.07</i>		<i>6.67</i>		<i>SD</i>	<i>2.36</i>		<i>2.42</i>	
10	196.49	-0.31		5.69		208.12	-2.90		4.27	
15	200.81	-1.07		5.33		210.22	-3.17		4.18	
20	204.24	-1.68		5.05		211.88	-3.39		4.11	
25	207.19	-2.21		4.80		213.31	-3.58		4.05	
30	209.83	-2.68		4.58		214.59	-3.74		4.00	
35	212.28	-3.12		4.37		215.78	-3.90		3.95	
40	214.61	-3.53		4.18		216.91	-4.04		3.90	
45	216.86	-3.93		3.99		218.00	-4.19		3.85	
50	219.07	-4.32		3.81		219.07	-4.32		3.81	
55	221.29	-4.72		3.62		220.15	-4.46		3.76	
60	223.54	-5.12		3.43		221.24	-4.61		3.71	
65	225.86	-5.53		3.24		222.36	-4.75		3.67	
70	228.31	-5.97		3.03		223.55	-4.91		3.62	
75	230.95	-6.44		2.81		224.84	-5.07		3.56	
80	233.90	-6.96		2.57		226.26	-5.26		3.50	
85	237.33	-7.58		2.28		227.93	-5.48		3.43	
90	241.65	-8.34		1.92		230.02	-5.75		3.34	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.04</i>	<i>6.38</i>	<i>6.28</i>	<i>SD</i>		<i>1.25</i>	<i>2.19</i>	<i>1.74</i>
10	194.09		5.01	7.94	6.85	204.75		4.49	7.57	6.72
15	198.04		4.97	7.98	6.92	206.66		4.55	7.67	6.82
20	201.18		4.94	8.01	6.98	208.18		4.60	7.76	6.90

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Mathematics Grade 6 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	203.88		4.92	8.03	7.03	209.49		4.64	7.83	6.97
30	206.30		4.89	8.05	7.08	210.66		4.68	7.90	7.03
35	208.54		4.87	8.08	7.12	211.74		4.71	7.96	7.09
40	210.66		4.85	8.09	7.16	212.77		4.75	8.02	7.14
45	212.72		4.83	8.11	7.20	213.77		4.78	8.08	7.19
50	214.75		4.81	8.13	7.24	214.75		4.81	8.13	7.24
55	216.77		4.79	8.15	7.28	215.73		4.84	8.19	7.29
60	218.83		4.77	8.17	7.32	216.72		4.88	8.24	7.35
65	220.96		4.75	8.19	7.36	217.75		4.91	8.30	7.40
70	223.20		4.73	8.21	7.41	218.84		4.94	8.36	7.46
75	225.62		4.71	8.23	7.45	220.01		4.98	8.43	7.52
80	228.31		4.68	8.25	7.50	221.31		5.02	8.50	7.59
85	231.45		4.65	8.28	7.56	222.83		5.07	8.59	7.67
90	235.40		4.61	8.32	7.64	224.74		5.14	8.70	7.77

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.71		<i>SD</i>			0.90	
10	198.11			3.21		209.11			2.89	
15	202.21			3.23		211.11			2.98	
20	205.47			3.25		212.70			3.04	
25	208.27			3.26		214.06			3.10	
30	210.78			3.27		215.28			3.15	
35	213.11			3.29		216.42			3.19	
40	215.32			3.30		217.49			3.24	
45	217.46			3.31		218.53			3.28	
50	219.56			3.32		219.56			3.32	
55	221.66			3.33		220.58			3.36	
60	223.80			3.34		221.62			3.40	
65	226.01			3.35		222.70			3.45	
70	228.34			3.36		223.83			3.49	
75	230.85			3.38		225.06			3.54	
80	233.65			3.39		226.42			3.60	
85	236.91			3.41		228.01			3.66	
90	241.01			3.43		230.00			3.74	

Table D.1.8: Mathematics Grade 7 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.61</i>			<i>SD</i>		<i>1.53</i>		
10	196.30		5.87			207.28		5.50		
15	200.50		5.86			209.37		5.56		
20	203.83		5.85			211.04		5.60		
25	206.69		5.84			212.47		5.64		
30	209.26		5.83			213.75		5.68		
35	211.64		5.82			214.94		5.71		
40	213.90		5.82			216.07		5.74		
45	216.08		5.81			217.16		5.77		
50	218.23		5.80			218.23		5.80		
55	220.38		5.80			219.31		5.83		
60	222.57		5.79			220.40		5.87		
65	224.83		5.79			221.53		5.90		
70	227.21		5.78			222.72		5.93		
75	229.78		5.77			224.00		5.97		
80	232.64		5.76			225.43		6.01		
85	235.97		5.75			227.09		6.05		
90	240.16		5.74			229.19		6.11		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>6.62</i>		<i>6.19</i>		<i>SD</i>	<i>2.14</i>		<i>1.84</i>	
10	198.43	1.13		5.82		210.02	-0.53		5.11	
15	202.85	0.66		5.70		212.22	-0.68		5.13	
20	206.36	0.29		5.61		213.97	-0.80		5.14	
25	209.37	-0.03		5.53		215.47	-0.90		5.15	
30	212.08	-0.32		5.46		216.82	-1.00		5.17	
35	214.59	-0.58		5.39		218.07	-1.08		5.17	
40	216.96	-0.84		5.32		219.25	-1.16		5.18	
45	219.26	-1.08		5.26		220.40	-1.24		5.19	
50	221.53	-1.32		5.20		221.53	-1.32		5.20	
55	223.79	-1.56		5.14		222.66	-1.40		5.21	
60	226.09	-1.81		5.08		223.80	-1.48		5.22	
65	228.47	-2.06		5.01		224.99	-1.56		5.23	
70	230.98	-2.32		4.95		226.24	-1.64		5.24	
75	233.68	-2.61		4.87		227.59	-1.74		5.25	
80	236.70	-2.93		4.79		229.09	-1.84		5.26	
85	240.21	-3.30		4.70		230.84	-1.96		5.27	
90	244.62	-3.77		4.58		233.04	-2.11		5.29	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>4.96</i>	<i>6.18</i>	<i>5.89</i>	<i>SD</i>		<i>1.17</i>	<i>2.05</i>	<i>1.60</i>
10	197.89		4.02	6.36	5.06	209.15		3.56	6.05	5.30
15	202.16		3.98	6.39	5.24	211.26		3.61	6.14	5.44
20	205.55		3.96	6.42	5.38	212.94		3.65	6.21	5.54

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Mathematics Grade 7 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	208.46		3.93	6.44	5.51	214.39		3.69	6.27	5.64
30	211.08		3.91	6.46	5.62	215.68		3.72	6.33	5.72
35	213.50		3.89	6.47	5.72	216.88		3.75	6.38	5.80
40	215.80		3.87	6.49	5.82	218.02		3.78	6.43	5.87
45	218.02		3.85	6.51	5.91	219.12		3.80	6.48	5.94
50	220.21		3.83	6.52	6.01	220.21		3.83	6.52	6.01
55	222.40		3.81	6.54	6.10	221.29		3.86	6.57	6.08
60	224.62		3.79	6.55	6.20	222.40		3.88	6.62	6.15
65	226.92		3.77	6.57	6.29	223.53		3.91	6.67	6.22
70	229.34		3.75	6.59	6.40	224.73		3.94	6.72	6.30
75	231.95		3.73	6.61	6.51	226.03		3.97	6.77	6.38
80	234.86		3.70	6.63	6.63	227.47		4.01	6.84	6.47
85	238.26		3.68	6.65	6.78	229.15		4.05	6.91	6.58
90	242.52		3.64	6.68	6.96	231.27		4.10	7.00	6.71

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.66		<i>SD</i>			0.85	
10	201.02			2.64		212.61			2.34	
15	205.42			2.65		214.79			2.41	
20	208.92			2.66		216.53			2.46	
25	211.92			2.66		218.02			2.51	
30	214.62			2.67		219.36			2.55	
35	217.12			2.68		220.60			2.59	
40	219.49			2.68		221.78			2.62	
45	221.78			2.69		222.92			2.66	
50	224.04			2.69		224.04			2.69	
55	226.30			2.70		225.16			2.73	
60	228.59			2.70		226.30			2.76	
65	230.96			2.71		227.48			2.80	
70	233.46			2.71		228.72			2.84	
75	236.15			2.72		230.06			2.88	
80	239.16			2.73		231.55			2.92	
85	242.65			2.73		233.28			2.98	
90	247.06			2.74		235.47			3.04	

Table D.1.9: Mathematics Grade 8 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.19</i>			<i>SD</i>		<i>1.70</i>		
10	199.80		4.84			211.21		4.43		
15	204.24		4.89			213.47		4.56		
20	207.77		4.93			215.26		4.66		
25	210.80		4.96			216.81		4.75		
30	213.52		4.99			218.19		4.82		
35	216.04		5.02			219.47		4.89		
40	218.44		5.04			220.69		4.96		
45	220.75		5.07			221.87		5.03		
50	223.03		5.09			223.03		5.09		
55	225.30		5.12			224.19		5.16		
60	227.62		5.14			225.36		5.22		
65	230.01		5.17			226.58		5.29		
70	232.53		5.19			227.86		5.36		
75	235.25		5.22			229.25		5.44		
80	238.28		5.25			230.79		5.53		
85	241.81		5.29			232.59		5.63		
90	246.25		5.34			234.85		5.75		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>6.94</i>		<i>7.14</i>		<i>SD</i>	<i>2.18</i>		<i>2.24</i>	
10	201.46	0.88		4.96		213.40	-0.60		4.22	
15	206.09	0.57		4.90		215.74	-0.62		4.31	
20	209.76	0.33		4.86		217.60	-0.64		4.37	
25	212.92	0.12		4.82		219.20	-0.66		4.43	
30	215.75	-0.07		4.78		220.63	-0.67		4.48	
35	218.37	-0.24		4.75		221.96	-0.69		4.53	
40	220.86	-0.41		4.72		223.22	-0.70		4.57	
45	223.27	-0.57		4.69		224.44	-0.71		4.61	
50	225.64	-0.73		4.66		225.64	-0.73		4.66	
55	228.02	-0.88		4.63		226.84	-0.74		4.70	
60	230.42	-1.04		4.60		228.07	-0.75		4.74	
65	232.91	-1.21		4.56		229.33	-0.77		4.79	
70	235.54	-1.38		4.53		230.66	-0.78		4.83	
75	238.37	-1.57		4.49		232.09	-0.79		4.88	
80	241.53	-1.78		4.45		233.69	-0.81		4.94	
85	245.20	-2.02		4.41		235.55	-0.83		5.01	
90	249.83	-2.33		4.35		237.89	-0.86		5.09	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.26</i>	<i>6.92</i>	<i>6.67</i>	<i>SD</i>		<i>1.38</i>	<i>2.41</i>	<i>1.84</i>
10	200.65		3.63	5.67	1.91	212.48		3.09	5.19	2.60
15	205.29		3.55	5.62	2.26	214.86		3.11	5.23	2.82
20	208.98		3.48	5.57	2.53	216.75		3.13	5.25	2.99

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Mathematics Grade 8 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	212.14		3.43	5.53	2.77	218.37		3.14	5.28	3.14
30	214.99		3.38	5.50	2.99	219.83		3.16	5.30	3.27
35	217.62		3.33	5.47	3.18	221.18		3.17	5.32	3.39
40	220.12		3.29	5.44	3.37	222.46		3.18	5.34	3.51
45	222.54		3.24	5.41	3.55	223.70		3.19	5.36	3.62
50	224.92		3.20	5.38	3.73	224.92		3.20	5.38	3.73
55	227.30		3.16	5.35	3.91	226.14		3.21	5.40	3.84
60	229.72		3.12	5.32	4.09	227.38		3.22	5.42	3.96
65	232.21		3.07	5.29	4.28	228.66		3.24	5.44	4.07
70	234.85		3.03	5.26	4.48	230.01		3.25	5.46	4.20
75	237.69		2.98	5.23	4.69	231.46		3.26	5.48	4.33
80	240.86		2.92	5.19	4.93	233.08		3.27	5.51	4.48
85	244.55		2.86	5.15	5.21	234.97		3.29	5.54	4.65
90	249.19		2.78	5.09	5.56	237.35		3.31	5.57	4.87

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.85		<i>SD</i>			1.02	
10	203.34			2.16		215.45			1.91	
15	208.08			2.16		217.87			1.96	
20	211.85			2.16		219.80			2.00	
25	215.08			2.17		221.45			2.04	
30	217.98			2.17		222.94			2.07	
35	220.67			2.17		224.31			2.10	
40	223.22			2.17		225.62			2.13	
45	225.69			2.18		226.88			2.15	
50	228.12			2.18		228.12			2.18	
55	230.55			2.18		229.36			2.21	
60	233.02			2.18		230.62			2.23	
65	235.57			2.19		231.93			2.26	
70	238.26			2.19		233.30			2.29	
75	241.16			2.19		234.79			2.32	
80	244.39			2.20		236.44			2.35	
85	248.16			2.20		238.37			2.40	
90	252.90			2.20		240.79			2.45	

Table D.1.10: Mathematics Grade 9 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.37</i>			<i>SD</i>		<i>1.55</i>		
10	199.26		5.04			212.32		3.66		
15	204.20		4.75			214.77		3.64		
20	208.14		4.52			216.72		3.62		
25	211.51		4.33			218.39		3.61		
30	214.54		4.16			219.89		3.59		
35	217.35		3.99			221.28		3.58		
40	220.01		3.84			222.59		3.57		
45	222.59		3.69			223.87		3.56		
50	225.13		3.55			225.13		3.55		
55	227.66		3.40			226.38		3.53		
60	230.24		3.25			227.66		3.52		
65	232.91		3.10			228.98		3.51		
70	235.71		2.94			230.37		3.50		
75	238.74		2.76			231.87		3.49		
80	242.12		2.57			233.54		3.47		
85	246.05		2.34			235.48		3.45		
90	251.00		2.06			237.93		3.43		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>9.57</i>		<i>7.41</i>		<i>SD</i>	<i>2.42</i>		<i>1.82</i>	
10	199.24	4.95		6.13		213.58	0.47		3.67	
15	204.47	3.96		5.61		216.07	0.34		3.62	
20	208.64	3.18		5.20		218.05	0.24		3.58	
25	212.21	2.52		4.85		219.75	0.16		3.55	
30	215.41	1.92		4.53		221.28	0.08		3.52	
35	218.38	1.36		4.23		222.70	0.01		3.49	
40	221.20	0.83		3.95		224.04	-0.05		3.47	
45	223.93	0.32		3.68		225.34	-0.12		3.44	
50	226.62	-0.18		3.42		226.62	-0.18		3.42	
55	229.30	-0.69		3.15		227.89	-0.25		3.39	
60	232.03	-1.20		2.88		229.19	-0.31		3.37	
65	234.85	-1.72		2.60		230.54	-0.38		3.34	
70	237.82	-2.28		2.31		231.95	-0.45		3.32	
75	241.03	-2.88		1.99		233.48	-0.52		3.29	
80	244.60	-3.55		1.64		235.18	-0.61		3.26	
85	248.76	-4.33		1.23		237.16	-0.71		3.22	
90	253.99	-5.31		0.71		239.65	-0.83		3.17	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.46</i>	<i>7.38</i>	<i>7.17</i>	<i>SD</i>		<i>1.10</i>	<i>1.93</i>	<i>1.71</i>
10	201.02		2.90	4.33	3.30	213.66		2.24	3.61	2.72
15	205.88		2.78	4.19	3.21	216.10		2.24	3.61	2.74
20	209.75		2.68	4.08	3.14	218.04		2.24	3.61	2.75

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Mathematics Grade 9 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	213.06		2.59	3.98	3.08	219.71		2.24	3.61	2.77
30	216.04		2.51	3.90	3.02	221.21		2.24	3.60	2.78
35	218.79		2.44	3.82	2.97	222.59		2.24	3.60	2.79
40	221.41		2.37	3.74	2.92	223.91		2.24	3.60	2.80
45	223.94		2.30	3.67	2.87	225.18		2.24	3.60	2.81
50	226.43		2.24	3.60	2.82	226.43		2.24	3.60	2.82
55	228.92		2.17	3.53	2.78	227.69		2.24	3.60	2.83
60	231.46		2.11	3.46	2.73	228.96		2.24	3.60	2.84
65	234.07		2.04	3.38	2.68	230.27		2.24	3.60	2.86
70	236.83		1.97	3.30	2.63	231.66		2.24	3.60	2.87
75	239.81		1.89	3.22	2.57	233.16		2.24	3.60	2.88
80	243.12		1.80	3.12	2.51	234.82		2.24	3.60	2.89
85	246.98		1.70	3.01	2.44	236.76		2.24	3.59	2.91
90	251.84		1.57	2.87	2.35	239.21		2.23	3.59	2.93

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.98		<i>SD</i>			0.82	
10	202.96			1.42		215.83			1.25	
15	207.88			1.41		218.28			1.27	
20	211.79			1.40		220.24			1.29	
25	215.14			1.39		221.91			1.30	
30	218.15			1.39		223.42			1.32	
35	220.94			1.38		224.81			1.33	
40	223.59			1.37		226.13			1.34	
45	226.15			1.37		227.41			1.35	
50	228.67			1.36		228.67			1.36	
55	231.19			1.36		229.93			1.37	
60	233.76			1.35		231.21			1.38	
65	236.40			1.34		232.53			1.40	
70	239.19			1.34		233.93			1.41	
75	242.21			1.33		235.43			1.42	
80	245.56			1.32		237.11			1.44	
85	249.47			1.31		239.06			1.45	
90	254.38			1.30		241.52			1.47	

Table D.1.11: Mathematics Grade 10 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.34</i>			<i>SD</i>		<i>1.59</i>		
10	203.22		2.86			215.77		2.31		
15	208.08		2.81			218.23		2.36		
20	211.94		2.77			220.18		2.40		
25	215.25		2.73			221.86		2.44		
30	218.23		2.70			223.36		2.47		
35	220.98		2.67			224.76		2.50		
40	223.60		2.64			226.08		2.53		
45	226.13		2.61			227.36		2.56		
50	228.62		2.59			228.62		2.59		
55	231.11		2.56			229.88		2.62		
60	233.64		2.53			231.16		2.64		
65	236.26		2.51			232.48		2.67		
70	239.01		2.48			233.88		2.70		
75	241.99		2.44			235.38		2.74		
80	245.30		2.41			237.06		2.77		
85	249.16		2.37			239.01		2.82		
90	254.02		2.32			241.47		2.87		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.43</i>		<i>7.58</i>		<i>SD</i>	<i>1.95</i>		<i>2.00</i>	
10	203.49	1.46		3.49		216.70	-0.52		2.45	
15	208.52	1.04		3.33		219.20	-0.56		2.49	
20	212.51	0.72		3.20		221.19	-0.58		2.52	
25	215.94	0.43		3.09		222.89	-0.61		2.54	
30	219.02	0.18		2.99		224.43	-0.63		2.57	
35	221.87	-0.06		2.90		225.84	-0.65		2.59	
40	224.58	-0.28		2.81		227.19	-0.67		2.61	
45	227.20	-0.50		2.73		228.49	-0.69		2.63	
50	229.78	-0.71		2.64		229.78	-0.71		2.64	
55	232.35	-0.92		2.56		231.06	-0.73		2.66	
60	234.97	-1.14		2.48		232.36	-0.74		2.68	
65	237.68	-1.36		2.39		233.71	-0.76		2.70	
70	240.53	-1.59		2.30		235.13	-0.78		2.72	
75	243.61	-1.85		2.20		236.66	-0.81		2.75	
80	247.04	-2.13		2.09		238.36	-0.83		2.77	
85	251.03	-2.46		1.96		240.35	-0.86		2.80	
90	256.06	-2.87		1.80		242.85	-0.90		2.84	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.45</i>	<i>7.37</i>	<i>6.85</i>	<i>SD</i>		<i>1.16</i>	<i>2.02</i>	<i>1.66</i>
10	203.14		2.60	3.73	1.44	215.94		2.06	3.22	1.97
15	208.10		2.52	3.66	1.65	218.45		2.08	3.24	2.08
20	212.04		2.44	3.60	1.82	220.45		2.09	3.26	2.17

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Mathematics Grade 10 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	215.42		2.38	3.55	1.96	222.16		2.10	3.28	2.24
30	218.46		2.33	3.51	2.09	223.70		2.11	3.30	2.31
35	221.27		2.28	3.47	2.21	225.12		2.12	3.31	2.37
40	223.94		2.23	3.43	2.32	226.47		2.13	3.33	2.43
45	226.53		2.19	3.39	2.43	227.78		2.13	3.34	2.48
50	229.07		2.14	3.35	2.54	229.07		2.14	3.35	2.54
55	231.61		2.10	3.31	2.64	230.36		2.15	3.37	2.59
60	234.19		2.05	3.28	2.75	231.66		2.16	3.38	2.65
65	236.87		2.00	3.24	2.87	233.02		2.16	3.39	2.71
70	239.68		1.95	3.20	2.99	234.44		2.17	3.41	2.77
75	242.72		1.90	3.15	3.11	235.98		2.18	3.42	2.83
80	246.10		1.84	3.10	3.26	237.69		2.19	3.44	2.91
85	250.04		1.77	3.04	3.42	239.69		2.20	3.46	2.99
90	255.00		1.68	2.97	3.63	242.20		2.22	3.49	3.10

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.97		<i>SD</i>			0.86	
10	204.80			1.14		217.92			1.03	
15	209.85			1.15		220.46			1.07	
20	213.87			1.16		222.48			1.09	
25	217.31			1.17		224.22			1.12	
30	220.40			1.18		225.77			1.14	
35	223.27			1.19		227.21			1.16	
40	225.99			1.20		228.58			1.18	
45	228.62			1.20		229.91			1.19	
50	231.21			1.21		231.21			1.21	
55	233.80			1.22		232.51			1.23	
60	236.43			1.23		233.84			1.25	
65	239.15			1.23		235.20			1.27	
70	242.02			1.24		236.65			1.29	
75	245.11			1.25		238.20			1.31	
80	248.55			1.26		239.94			1.33	
85	252.57			1.27		241.96			1.36	
90	257.62			1.28		244.50			1.39	

Table D.1.12: Mathematics Grade 11 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.71</i>			<i>SD</i>		<i>1.55</i>		
10	205.30		2.81			217.94		2.20		
15	210.25		2.72			220.47		2.23		
20	214.17		2.66			222.47		2.25		
25	217.54		2.60			224.19		2.27		
30	220.57		2.54			225.74		2.29		
35	223.37		2.49			227.17		2.31		
40	226.03		2.45			228.53		2.33		
45	228.60		2.40			229.84		2.34		
50	231.14		2.36			231.14		2.36		
55	233.67		2.31			232.43		2.37		
60	236.24		2.27			233.74		2.39		
65	238.90		2.22			235.10		2.40		
70	241.71		2.17			236.53		2.42		
75	244.73		2.12			238.08		2.44		
80	248.10		2.06			239.80		2.46		
85	252.03		1.99			241.80		2.49		
90	256.97		1.90			244.33		2.52		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.67</i>		<i>8.39</i>		<i>SD</i>	<i>1.81</i>		<i>1.95</i>	
10	205.14	2.06		3.53		218.56	-0.01		2.23	
15	210.29	1.60		3.27		221.14	-0.07		2.22	
20	214.39	1.23		3.07		223.20	-0.13		2.21	
25	217.90	0.92		2.89		224.96	-0.17		2.21	
30	221.05	0.64		2.73		226.54	-0.21		2.20	
35	223.97	0.38		2.59		228.01	-0.24		2.19	
40	226.75	0.13		2.45		229.40	-0.28		2.19	
45	229.43	-0.11		2.31		230.75	-0.31		2.18	
50	232.07	-0.35		2.18		232.07	-0.35		2.18	
55	234.71	-0.58		2.05		233.40	-0.38		2.17	
60	237.39	-0.82		1.91		234.74	-0.41		2.17	
65	240.17	-1.07		1.77		236.13	-0.45		2.16	
70	243.09	-1.33		1.62		237.60	-0.48		2.16	
75	246.24	-1.61		1.46		239.18	-0.52		2.15	
80	249.75	-1.93		1.29		240.95	-0.57		2.14	
85	253.85	-2.29		1.08		243.00	-0.62		2.13	
90	259.00	-2.75		0.82		245.59	-0.68		2.12	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.89</i>	<i>8.35</i>	<i>7.49</i>	<i>SD</i>		<i>1.15</i>	<i>2.01</i>	<i>1.82</i>
10	205.31		2.48	3.34	-0.62	218.34		1.73	2.46	0.44
15	210.36		2.34	3.19	-0.31	220.90		1.74	2.47	0.55
20	214.38		2.23	3.06	-0.05	222.94		1.74	2.48	0.64

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Mathematics Grade 11 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	217.82		2.14	2.96	0.16	224.68		1.75	2.49	0.72
30	220.91		2.06	2.86	0.36	226.25		1.75	2.50	0.79
35	223.78		1.98	2.77	0.54	227.70		1.76	2.51	0.86
40	226.50		1.91	2.69	0.71	229.08		1.76	2.51	0.92
45	229.13		1.84	2.60	0.87	230.41		1.76	2.52	0.98
50	231.72		1.77	2.52	1.03	231.72		1.77	2.52	1.03
55	234.31		1.70	2.44	1.20	233.04		1.77	2.53	1.09
60	236.95		1.63	2.36	1.36	234.37		1.77	2.54	1.15
65	239.67		1.55	2.28	1.53	235.75		1.78	2.54	1.21
70	242.53		1.48	2.19	1.71	237.20		1.78	2.55	1.28
75	245.63		1.39	2.09	1.91	238.77		1.79	2.56	1.35
80	249.07		1.30	1.99	2.12	240.51		1.79	2.57	1.42
85	253.09		1.19	1.86	2.38	242.55		1.80	2.58	1.51
90	258.14		1.06	1.70	2.69	245.11		1.80	2.59	1.63

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.25		<i>SD</i>			0.86	
10	206.70			0.64		219.99			0.61	
15	211.82			0.66		222.58			0.64	
20	215.90			0.68		224.63			0.66	
25	219.39			0.69		226.39			0.68	
30	222.53			0.71		227.97			0.70	
35	225.44			0.72		229.43			0.71	
40	228.20			0.73		230.82			0.73	
45	230.86			0.74		232.17			0.74	
50	233.49			0.76		233.49			0.76	
55	236.12			0.77		234.82			0.77	
60	238.79			0.78		236.16			0.79	
65	241.55			0.79		237.55			0.80	
70	244.46			0.81		239.02			0.82	
75	247.59			0.82		240.60			0.83	
80	251.09			0.84		242.36			0.85	
85	255.16			0.85		244.41			0.88	
90	260.29			0.88		246.99			0.90	

Table D.1.13: Mathematics Grade 12 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>10.70</i>			<i>SD</i>		<i>2.75</i>		
10	205.69		1.43			218.31		0.92		
15	210.82		1.31			221.02		0.90		
20	214.90		1.21			223.18		0.88		
25	218.39		1.13			225.03		0.87		
30	221.53		1.06			226.69		0.85		
35	224.44		0.99			228.24		0.84		
40	227.20		0.93			229.70		0.83		
45	229.88		0.87			231.11		0.82		
50	232.50		0.81			232.50		0.81		
55	235.13		0.75			233.90		0.80		
60	237.80		0.69			235.31		0.79		
65	240.57		0.62			236.77		0.78		
70	243.48		0.56			238.31		0.76		
75	246.62		0.48			239.98		0.75		
80	250.11		0.40			241.83		0.74		
85	254.19		0.31			243.99		0.72		
90	259.32		0.19			246.70		0.70		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>4.77</i>		<i>10.66</i>		<i>SD</i>	<i>0.61</i>		<i>2.75</i>	
10	205.81	0.21		-0.08		218.72	0.04		1.08	
15	211.00	0.19		0.18		221.44	0.05		1.11	
20	215.12	0.17		0.38		223.60	0.06		1.14	
25	218.66	0.15		0.55		225.45	0.06		1.16	
30	221.84	0.13		0.71		227.12	0.07		1.18	
35	224.78	0.12		0.86		228.66	0.07		1.20	
40	227.57	0.11		0.99		230.12	0.07		1.22	
45	230.27	0.10		1.13		231.54	0.08		1.24	
50	232.93	0.08		1.26		232.93	0.08		1.26	
55	235.59	0.07		1.39		234.33	0.09		1.28	
60	238.29	0.06		1.52		235.74	0.09		1.30	
65	241.09	0.05		1.66		237.21	0.10		1.31	
70	244.03	0.03		1.81		238.75	0.10		1.33	
75	247.20	0.02		1.96		240.41	0.10		1.36	
80	250.74	0.00		2.14		242.27	0.11		1.38	
85	254.86	-0.02		2.34		244.43	0.12		1.41	
90	260.05	-0.04		2.60		247.14	0.12		1.44	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.05</i>	<i>8.62</i>		<i>SD</i>		<i>1.22</i>	<i>2.14</i>	
10	205.34		-0.56	-0.72		218.74		0.13	0.88	
15	210.63		-0.39	-0.36		221.47		0.16	0.94	
20	214.84		-0.26	-0.07		223.64		0.19	0.98	

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Mathematics Grade 12 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	218.45		-0.15	0.18		225.50		0.21	1.02	
30	221.69		-0.05	0.40		227.17		0.23	1.06	
35	224.69		0.04	0.61		228.72		0.25	1.09	
40	227.54		0.13	0.80		230.19		0.26	1.12	
45	230.30		0.21	0.99		231.62		0.28	1.15	
50	233.02		0.30	1.18		233.02		0.30	1.18	
55	235.73		0.38	1.36		234.42		0.31	1.20	
60	238.49		0.47	1.55		235.84		0.33	1.23	
65	241.34		0.55	1.75		237.31		0.35	1.26	
70	244.34		0.65	1.95		238.86		0.37	1.30	
75	247.58		0.75	2.17		240.53		0.39	1.33	
80	251.19		0.86	2.42		242.39		0.41	1.37	
85	255.40		0.99	2.71		244.56		0.43	1.41	
90	260.69		1.15	3.07		247.29		0.47	1.47	

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.27		<i>SD</i>			0.91	
10	203.75			-0.39		218.79			0.63	
15	209.40			-0.15		221.56			0.68	
20	213.90			0.05		223.77			0.71	
25	217.75			0.21		225.67			0.75	
30	221.22			0.36		227.37			0.78	
35	224.42			0.50		228.95			0.80	
40	227.47			0.63		230.44			0.83	
45	230.41			0.75		231.89			0.85	
50	233.31			0.88		233.31			0.88	
55	236.21			1.00		234.74			0.90	
60	239.16			1.13		236.18			0.93	
65	242.20			1.26		237.68			0.95	
70	245.41			1.40		239.26			0.98	
75	248.87			1.55		240.96			1.01	
80	252.73			1.71		242.85			1.04	
85	257.22			1.90		245.06			1.08	
90	262.88			2.15		247.84			1.13	

Appendix D.2 - Reading

Table D.2.1: Reading Grade K Conditional Growth Distributions

Start %ile	RIT	Student Growth			RIT	School Growth				
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		5.46	7.09	8.39	<i>SD</i>		1.39	2.43	3.13
10	120.98		11.92	19.60	24.57	129.92		10.03	17.14	21.73
15	123.98		11.49	18.99	23.86	131.21		9.95	17.00	21.56
20	126.36		11.14	18.52	23.29	132.23		9.89	16.90	21.43
25	128.40		10.84	18.10	22.80	133.11		9.84	16.81	21.31
30	130.24		10.57	17.73	22.37	133.89		9.79	16.73	21.21
35	131.94		10.32	17.39	21.96	134.62		9.75	16.65	21.11
40	133.55		10.09	17.07	21.58	135.32		9.71	16.58	21.02
45	135.11		9.86	16.75	21.21	135.99		9.67	16.51	20.93
50	136.65		9.63	16.45	20.84	136.65		9.63	16.45	20.84
55	138.18		9.41	16.14	20.48	137.31		9.59	16.38	20.75
60	139.74		9.18	15.82	20.10	137.98		9.55	16.31	20.67
65	141.36		8.94	15.50	19.72	138.67		9.51	16.24	20.57
70	143.06		8.70	15.16	19.32	139.40		9.47	16.16	20.48
75	144.89		8.43	14.79	18.88	140.19		9.42	16.08	20.37
80	146.93		8.13	14.37	18.39	141.07		9.37	15.99	20.26
85	149.31		7.78	13.90	17.83	142.09		9.31	15.89	20.12
90	152.31		7.34	13.29	17.12	143.38		9.24	15.75	19.95

Start %ile	RIT	Student Growth			RIT	School Growth				
	Winter	Fall	Winter	Spring	N Fall	Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>			5.22		<i>SD</i>			1.07	
10	131.19			7.97		139.70			6.74	
15	134.07			7.75		140.96			6.75	
20	136.37			7.57		141.96			6.76	
25	138.34			7.42		142.82			6.77	
30	140.10			7.29		143.59			6.78	
35	141.74			7.16		144.30			6.79	
40	143.30			7.04		144.98			6.80	
45	144.80			6.93		145.63			6.81	
50	146.28			6.81		146.28			6.81	
55	147.76			6.70		146.93			6.82	
60	149.26			6.58		147.58			6.83	
65	150.82			6.46		148.26			6.84	
70	152.46			6.34		148.97			6.84	
75	154.22			6.20		149.74			6.85	
80	156.19			6.05		150.60			6.86	
85	158.49			5.87		151.60			6.87	
90	161.37			5.65		152.86			6.89	

Table D.2.2: Reading Grade 1 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>7.56</i>			<i>SD</i>		<i>2.23</i>		
10	131.61		20.36			140.98		17.91		
15	134.68		19.95			142.25		17.96		
20	137.12		19.62			143.27		18.00		
25	139.21		19.33			144.14		18.04		
30	141.09		19.08			144.92		18.07		
35	142.83		18.84			145.65		18.10		
40	144.49		18.62			146.34		18.13		
45	146.08		18.40			147.00		18.16		
50	147.66		18.19			147.66		18.19		
55	149.23		17.98			148.31		18.22		
60	150.83		17.76			148.98		18.25		
65	152.48		17.54			149.67		18.28		
70	154.22		17.30			150.39		18.31		
75	156.10		17.05			151.17		18.34		
80	158.20		16.76			152.05		18.38		
85	160.64		16.43			153.06		18.42		
90	163.71		16.02			154.34		18.47		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.10</i>		<i>7.93</i>		<i>SD</i>	<i>3.06</i>		<i>2.67</i>	
10	135.65	7.81		20.67		146.04	4.16		17.87	
15	139.15	6.69		20.05		147.56	3.74		17.78	
20	141.94	5.80		19.55		148.77	3.40		17.71	
25	144.33	5.03		19.13		149.81	3.11		17.65	
30	146.48	4.35		18.75		150.74	2.85		17.60	
35	148.47	3.71		18.39		151.60	2.61		17.55	
40	150.36	3.10		18.06		152.42	2.38		17.50	
45	152.19	2.52		17.73		153.21	2.16		17.46	
50	153.99	1.94		17.41		153.99	1.94		17.41	
55	155.79	1.37		17.09		154.77	1.73		17.37	
60	157.61	0.78		16.76		155.56	1.50		17.32	
65	159.50	0.18		16.43		156.38	1.28		17.27	
70	161.49	-0.46		16.07		157.24	1.04		17.22	
75	163.64	-1.15		15.69		158.17	0.78		17.17	
80	166.03	-1.91		15.27		159.21	0.49		17.11	
85	168.82	-2.81		14.77		160.42	0.15		17.04	
90	172.33	-3.93		14.15		161.94	-0.27		16.95	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.80</i>	<i>7.70</i>	<i>8.79</i>	<i>SD</i>		<i>1.44</i>	<i>2.52</i>	<i>2.37</i>
10	139.70		10.94	16.43	14.44	148.99		9.56	14.84	15.03
15	142.81		10.74	16.25	14.84	150.32		9.63	14.96	15.32
20	145.27		10.59	16.10	15.16	151.37		9.68	15.06	15.55

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Reading Grade 1 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	147.39		10.45	15.97	15.43	152.28	9.73	15.14	15.74	
30	149.29		10.33	15.86	15.68	153.09	9.77	15.21	15.92	
35	151.05		10.22	15.76	15.90	153.84	9.81	15.28	16.08	
40	152.72		10.12	15.66	16.12	154.56	9.85	15.34	16.24	
45	154.34		10.02	15.56	16.33	155.25	9.88	15.41	16.39	
50	155.93		9.92	15.47	16.53	155.93	9.92	15.47	16.53	
55	157.52		9.82	15.37	16.74	156.61	9.95	15.53	16.68	
60	159.14		9.71	15.28	16.95	157.30	9.99	15.59	16.83	
65	160.81		9.61	15.18	17.16	158.02	10.02	15.66	16.98	
70	162.57		9.50	15.07	17.39	158.77	10.06	15.72	17.15	
75	164.47		9.38	14.96	17.63	159.59	10.10	15.80	17.32	
80	166.59		9.25	14.84	17.91	160.49	10.15	15.88	17.52	
85	169.06		9.09	14.69	18.22	161.55	10.21	15.97	17.75	
90	172.16		8.89	14.51	18.62	162.87	10.27	16.09	18.04	

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.36		<i>SD</i>			1.00	
10	148.92			5.64		158.32			4.95	
15	152.16			5.63		159.76			5.07	
20	154.73			5.61		160.90			5.16	
25	156.94			5.60		161.88			5.24	
30	158.92			5.59		162.77			5.31	
35	160.76			5.58		163.58			5.37	
40	162.50			5.57		164.36			5.43	
45	164.19			5.56		165.11			5.49	
50	165.85			5.55		165.85			5.55	
55	167.51			5.54		166.59			5.61	
60	169.19			5.53		167.34			5.67	
65	170.94			5.52		168.11			5.73	
70	172.77			5.51		168.93			5.80	
75	174.75			5.50		169.81			5.87	
80	176.96			5.49		170.79			5.94	
85	179.53			5.48		171.94			6.04	
90	182.77			5.46		173.38			6.15	

Table D.2.3: Reading Grade 2 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>7.29</i>			<i>SD</i>		<i>2.11</i>		
10	146.44		17.88			156.96		16.00		
15	150.18		17.37			158.68		15.85		
20	153.15		16.97			160.05		15.73		
25	155.70		16.62			161.23		15.63		
30	157.98		16.31			162.29		15.54		
35	160.10		16.02			163.27		15.45		
40	162.12		15.74			164.19		15.37		
45	164.06		15.48			165.09		15.30		
50	165.98		15.22			165.98		15.22		
55	167.89		14.96			166.86		15.14		
60	169.84		14.69			167.76		15.06		
65	171.85		14.42			168.69		14.98		
70	173.97		14.13			169.67		14.90		
75	176.26		13.82			170.72		14.81		
80	178.81		13.47			171.90		14.70		
85	181.78		13.07			173.27		14.58		
90	185.51		12.56			175.00		14.43		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.52</i>		<i>7.80</i>		<i>SD</i>	<i>3.20</i>		<i>2.51</i>	
10	150.75	5.48		17.67		161.48	3.62		15.51	
15	154.74	4.57		16.96		163.42	3.07		15.22	
20	157.91	3.86		16.40		164.95	2.64		14.99	
25	160.62	3.24		15.92		166.27	2.26		14.79	
30	163.06	2.69		15.49		167.46	1.93		14.61	
35	165.33	2.17		15.09		168.55	1.62		14.44	
40	167.47	1.69		14.71		169.59	1.32		14.28	
45	169.55	1.22		14.34		170.60	1.04		14.13	
50	171.59	0.76		13.98		171.59	0.76		13.98	
55	173.64	0.29		13.62		172.58	0.48		13.83	
60	175.71	-0.18		13.25		173.59	0.19		13.67	
65	177.86	-0.66		12.87		174.63	-0.10		13.52	
70	180.12	-1.18		12.47		175.73	-0.42		13.35	
75	182.56	-1.73		12.04		176.91	-0.75		13.17	
80	185.28	-2.34		11.55		178.23	-1.12		12.97	
85	188.45	-3.06		10.99		179.77	-1.56		12.74	
90	192.43	-3.96		10.29		181.70	-2.11		12.44	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.72</i>	<i>7.58</i>	<i>8.35</i>	<i>SD</i>		<i>1.44</i>	<i>2.51</i>	<i>2.15</i>
10	152.88		10.47	15.38	13.59	164.02		8.70	12.97	13.98
15	156.60		10.16	14.97	13.76	165.62		8.73	13.02	14.08
20	159.56		9.92	14.64	13.89	166.88		8.75	13.06	14.15

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Reading Grade 2 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	162.10		9.70	14.36	14.01	167.97		8.77	13.09	14.22
30	164.38		9.51	14.10	14.11	168.94		8.79	13.12	14.27
35	166.49		9.34	13.87	14.21	169.85		8.80	13.15	14.33
40	168.50		9.17	13.65	14.30	170.70		8.82	13.17	14.38
45	170.44		9.01	13.43	14.39	171.53		8.83	13.20	14.43
50	172.35		8.85	13.22	14.47	172.35		8.85	13.22	14.47
55	174.26		8.69	13.01	14.56	173.16		8.86	13.25	14.52
60	176.20		8.53	12.80	14.65	173.99		8.88	13.27	14.57
65	178.20		8.36	12.57	14.74	174.85		8.89	13.30	14.62
70	180.31		8.18	12.34	14.84	175.76		8.91	13.32	14.67
75	182.59		7.99	12.09	14.94	176.73		8.92	13.35	14.73
80	185.13		7.78	11.80	15.05	177.82		8.94	13.39	14.80
85	188.09		7.53	11.48	15.19	179.08		8.96	13.42	14.87
90	191.82		7.22	11.06	15.36	180.67		8.99	13.47	14.96

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.35		<i>SD</i>			1.03	
10	161.91			5.03		172.53			3.98	
15	165.60			4.91		174.19			4.05	
20	168.53			4.81		175.50			4.11	
25	171.04			4.72		176.63			4.17	
30	173.30			4.64		177.65			4.21	
35	175.40			4.57		178.59			4.26	
40	177.38			4.51		179.48			4.30	
45	179.30			4.44		180.35			4.34	
50	181.20			4.37		181.20			4.37	
55	183.09			4.31		182.05			4.41	
60	185.01			4.24		182.91			4.45	
65	187.00			4.18		183.80			4.49	
70	189.09			4.10		184.74			4.54	
75	191.35			4.03		185.76			4.58	
80	193.86			3.94		186.89			4.64	
85	196.80			3.84		188.20			4.70	
90	200.49			3.71		189.86			4.77	

Table D.2.4: Reading Grade 3 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.48</i>			<i>SD</i>		<i>1.65</i>		
10	159.32		15.63			171.50		13.55		
15	163.52		15.06			173.37		13.38		
20	166.85		14.61			174.85		13.24		
25	169.72		14.21			176.13		13.12		
30	172.28		13.86			177.27		13.01		
35	174.67		13.54			178.33		12.91		
40	176.93		13.23			179.33		12.82		
45	179.11		12.93			180.31		12.73		
50	181.26		12.64			181.26		12.64		
55	183.41		12.35			182.22		12.55		
60	185.60		12.05			183.19		12.46		
65	187.86		11.74			184.20		12.36		
70	190.24		11.41			185.26		12.27		
75	192.81		11.06			186.40		12.16		
80	195.67		10.67			187.67		12.04		
85	199.01		10.22			189.16		11.90		
90	203.20		9.64			191.02		11.73		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.34</i>		<i>7.08</i>		<i>SD</i>	<i>2.61</i>		<i>2.07</i>	
10	163.26	4.89		15.09		175.61	2.45		12.70	
15	167.57	4.11		14.37		177.56	2.14		12.44	
20	171.00	3.49		13.80		179.11	1.89		12.23	
25	173.94	2.96		13.31		180.44	1.68		12.05	
30	176.58	2.49		12.86		181.63	1.49		11.89	
35	179.02	2.04		12.46		182.74	1.31		11.74	
40	181.35	1.63		12.07		183.79	1.14		11.60	
45	183.59	1.22		11.69		184.80	0.98		11.46	
50	185.80	0.82		11.32		185.80	0.82		11.32	
55	188.01	0.42		10.95		186.80	0.66		11.19	
60	190.26	0.02		10.58		187.82	0.50		11.05	
65	192.58	-0.40		10.19		188.87	0.33		10.91	
70	195.02	-0.84		9.78		189.97	0.16		10.76	
75	197.66	-1.32		9.34		191.17	-0.04		10.60	
80	200.60	-1.85		8.85		192.49	-0.25		10.42	
85	204.03	-2.47		8.28		194.04	-0.49		10.21	
90	208.34	-3.25		7.56		195.99	-0.81		9.94	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.66</i>	<i>7.45</i>	<i>7.62</i>	<i>SD</i>		<i>1.21</i>	<i>2.12</i>	<i>1.85</i>
10	165.28		9.24	13.31	11.37	177.42		7.51	10.91	10.44
15	169.36		8.87	12.77	11.14	179.18		7.47	10.83	10.39
20	172.61		8.57	12.35	10.97	180.58		7.43	10.77	10.35

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Reading Grade 3 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	175.39		8.31	11.98	10.81	181.78		7.40	10.72	10.32
30	177.89		8.08	11.65	10.68	182.86		7.37	10.67	10.30
35	180.21		7.87	11.35	10.55	183.86		7.35	10.62	10.27
40	182.40		7.67	11.06	10.43	184.80		7.33	10.58	10.25
45	184.53		7.47	10.78	10.31	185.72		7.30	10.54	10.22
50	186.62		7.28	10.50	10.20	186.62		7.28	10.50	10.20
55	188.71		7.09	10.23	10.08	187.52		7.26	10.46	10.18
60	190.84		6.89	9.95	9.97	188.44		7.23	10.42	10.15
65	193.04		6.69	9.66	9.85	189.39		7.21	10.38	10.13
70	195.35		6.48	9.35	9.72	190.38		7.19	10.34	10.10
75	197.85		6.25	9.02	9.58	191.46		7.16	10.29	10.08
80	200.63		5.99	8.66	9.43	192.66		7.13	10.24	10.04
85	203.88		5.69	8.23	9.25	194.06		7.09	10.18	10.01
90	207.96		5.32	7.69	9.03	195.82		7.05	10.10	9.96

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.32		<i>SD</i>			0.92	
10	173.21			4.21		184.80			3.19	
15	177.17			4.02		186.54			3.20	
20	180.32			3.87		187.93			3.20	
25	183.01			3.74		189.11			3.21	
30	185.44			3.63		190.18			3.21	
35	187.68			3.52		191.17			3.21	
40	189.81			3.42		192.10			3.22	
45	191.87			3.32		193.01			3.22	
50	193.90			3.22		193.90			3.22	
55	195.93			3.13		194.79			3.23	
60	197.99			3.03		195.70			3.23	
65	200.12			2.93		196.64			3.23	
70	202.37			2.82		197.62			3.23	
75	204.79			2.70		198.69			3.24	
80	207.49			2.57		199.88			3.24	
85	210.63			2.42		201.26			3.24	
90	214.59			2.24		203.00			3.25	

Table D.2.5: Reading Grade 4 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.99</i>			<i>SD</i>		<i>1.34</i>		
10	171.75		11.38			184.09		9.47		
15	175.97		10.87			185.95		9.32		
20	179.33		10.45			187.43		9.20		
25	182.21		10.10			188.70		9.09		
30	184.79		9.78			189.84		9.00		
35	187.19		9.49			190.90		8.91		
40	189.46		9.21			191.90		8.83		
45	191.66		8.94			192.87		8.75		
50	193.82		8.67			193.82		8.67		
55	195.99		8.41			194.78		8.59		
60	198.19		8.14			195.75		8.52		
65	200.46		7.86			196.75		8.43		
70	202.85		7.56			197.80		8.35		
75	205.44		7.25			198.94		8.25		
80	208.32		6.89			200.21		8.15		
85	211.67		6.48			201.69		8.03		
90	215.89		5.96			203.55		7.87		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.23</i>		<i>6.69</i>		<i>SD</i>	<i>2.66</i>		<i>1.81</i>	
10	174.47	3.46		11.30		187.08	0.98		8.91	
15	178.80	2.71		10.61		189.00	0.71		8.68	
20	182.25	2.12		10.07		190.52	0.49		8.50	
25	185.20	1.61		9.60		191.83	0.30		8.34	
30	187.85	1.15		9.18		193.01	0.14		8.20	
35	190.31	0.73		8.79		194.10	-0.02		8.07	
40	192.64	0.33		8.42		195.13	-0.16		7.95	
45	194.90	-0.06		8.06		196.13	-0.31		7.83	
50	197.12	-0.45		7.71		197.12	-0.45		7.71	
55	199.34	-0.83		7.36		198.10	-0.59		7.59	
60	201.60	-1.22		7.00		199.10	-0.73		7.47	
65	203.93	-1.62		6.63		200.14	-0.88		7.35	
70	206.39	-2.04		6.24		201.23	-1.03		7.22	
75	209.04	-2.50		5.82		202.40	-1.20		7.08	
80	211.99	-3.01		5.35		203.71	-1.38		6.92	
85	215.43	-3.60		4.81		205.24	-1.60		6.74	
90	219.77	-4.35		4.12		207.16	-1.87		6.51	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.56</i>	<i>7.22</i>	<i>6.89</i>	<i>SD</i>		<i>1.18</i>	<i>2.07</i>	<i>1.40</i>
10	175.17		7.76	10.92	9.02	187.41		6.12	8.68	8.02
15	179.28		7.39	10.39	8.76	189.18		6.07	8.58	7.95
20	182.55		7.10	9.97	8.55	190.59		6.02	8.50	7.89

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Reading Grade 4 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	185.35		6.84	9.61	8.37	191.80		5.98	8.43	7.84
30	187.87		6.62	9.29	8.20	192.88		5.95	8.37	7.79
35	190.21		6.41	8.99	8.05	193.89		5.91	8.31	7.75
40	192.42		6.21	8.70	7.91	194.84		5.88	8.26	7.71
45	194.56		6.01	8.43	7.77	195.76		5.85	8.21	7.68
50	196.67		5.82	8.16	7.64	196.67		5.82	8.16	7.64
55	198.78		5.63	7.88	7.50	197.58		5.79	8.10	7.60
60	200.92		5.44	7.61	7.36	198.50		5.76	8.05	7.56
65	203.14		5.24	7.32	7.22	199.46		5.73	8.00	7.52
70	205.47		5.03	7.02	7.07	200.46		5.70	7.94	7.48
75	207.99		4.80	6.70	6.91	201.55		5.67	7.88	7.44
80	210.80		4.55	6.34	6.73	202.76		5.63	7.81	7.39
85	214.07		4.26	5.92	6.52	204.17		5.58	7.73	7.33
90	218.18		3.89	5.39	6.25	205.94		5.52	7.63	7.26

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.25		<i>SD</i>			0.91	
10	181.67			3.37		193.40			2.36	
15	185.65			3.17		195.14			2.36	
20	188.82			3.02		196.52			2.35	
25	191.53			2.88		197.71			2.35	
30	193.97			2.76		198.78			2.35	
35	196.23			2.64		199.76			2.34	
40	198.38			2.54		200.70			2.34	
45	200.45			2.43		201.60			2.34	
50	202.50			2.33		202.50			2.33	
55	204.54			2.23		203.39			2.33	
60	206.61			2.13		204.29			2.33	
65	208.76			2.02		205.23			2.32	
70	211.02			1.91		206.22			2.32	
75	213.46			1.78		207.28			2.32	
80	216.17			1.65		208.47			2.31	
85	219.34			1.49		209.85			2.31	
90	223.32			1.29		211.59			2.30	

Table D.2.6: Reading Grade 5 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.37</i>			<i>SD</i>		<i>1.46</i>		
10	180.80		9.68			192.81		7.55		
15	184.88		9.16			194.60		7.44		
20	188.13		8.74			196.02		7.35		
25	190.92		8.39			197.24		7.27		
30	193.42		8.07			198.34		7.20		
35	195.74		7.77			199.35		7.13		
40	197.94		7.49			200.32		7.07		
45	200.07		7.22			201.25		7.01		
50	202.17		6.95			202.17		6.95		
55	204.26		6.69			203.08		6.89		
60	206.39		6.41			204.02		6.83		
65	208.59		6.13			204.98		6.77		
70	210.91		5.84			205.99		6.71		
75	213.41		5.52			207.09		6.64		
80	216.20		5.16			208.31		6.56		
85	219.45		4.75			209.73		6.47		
90	223.54		4.23			211.52		6.35		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.15</i>		<i>7.02</i>		<i>SD</i>	<i>2.27</i>		<i>1.89</i>	
10	182.83	3.44		9.77		195.10	0.75		7.22	
15	186.99	2.76		9.12		196.91	0.58		7.06	
20	190.30	2.22		8.61		198.35	0.45		6.93	
25	193.14	1.76		8.17		199.59	0.34		6.83	
30	195.69	1.34		7.77		200.70	0.24		6.73	
35	198.05	0.96		7.40		201.74	0.15		6.64	
40	200.29	0.59		7.06		202.71	0.06		6.55	
45	202.46	0.24		6.72		203.66	-0.03		6.47	
50	204.59	-0.11		6.39		204.59	-0.11		6.39	
55	206.72	-0.46		6.06		205.52	-0.20		6.31	
60	208.89	-0.81		5.72		206.47	-0.28		6.23	
65	211.13	-1.18		5.37		207.45	-0.37		6.14	
70	213.49	-1.56		5.01		208.48	-0.46		6.05	
75	216.04	-1.98		4.61		209.59	-0.56		5.95	
80	218.88	-2.44		4.17		210.83	-0.68		5.84	
85	222.19	-2.98		3.66		212.27	-0.81		5.72	
90	226.35	-3.66		3.01		214.09	-0.97		5.56	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.55</i>	<i>7.19</i>	<i>7.35</i>	<i>SD</i>		<i>1.13</i>	<i>1.98</i>	<i>1.65</i>
10	183.48		6.56	9.22	6.79	195.37		4.91	6.98	6.05
15	187.50		6.19	8.70	6.61	197.11		4.86	6.89	6.01
20	190.69		5.90	8.29	6.46	198.50		4.82	6.82	5.98

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Reading Grade 5 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	193.43		5.65	7.93	6.34	199.68		4.78	6.75	5.95
30	195.89		5.43	7.61	6.23	200.75		4.75	6.70	5.92
35	198.17		5.22	7.32	6.12	201.74		4.72	6.64	5.90
40	200.33		5.02	7.04	6.02	202.68		4.69	6.60	5.88
45	202.42		4.83	6.77	5.93	203.59		4.67	6.55	5.86
50	204.48		4.64	6.50	5.83	204.48		4.64	6.50	5.83
55	206.54		4.45	6.23	5.74	205.37		4.61	6.45	5.81
60	208.63		4.26	5.96	5.65	206.28		4.59	6.41	5.79
65	210.79		4.06	5.68	5.55	207.22		4.56	6.36	5.77
70	213.07		3.86	5.39	5.44	208.21		4.53	6.31	5.75
75	215.53		3.63	5.07	5.33	209.27		4.50	6.25	5.72
80	218.27		3.38	4.71	5.21	210.46		4.46	6.19	5.69
85	221.46		3.09	4.30	5.06	211.85		4.42	6.11	5.66
90	225.47		2.72	3.78	4.88	213.59		4.37	6.02	5.62

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.24		<i>SD</i>			0.86	
10	188.76			2.89		200.17			1.89	
15	192.66			2.69		201.88			1.88	
20	195.75			2.53		203.24			1.88	
25	198.41			2.40		204.41			1.87	
30	200.79			2.28		205.46			1.87	
35	203.00			2.17		206.43			1.87	
40	205.10			2.06		207.35			1.87	
45	207.12			1.96		208.24			1.86	
50	209.12			1.86		209.12			1.86	
55	211.12			1.76		210.00			1.86	
60	213.14			1.66		210.89			1.86	
65	215.24			1.55		211.81			1.85	
70	217.45			1.44		212.78			1.85	
75	219.83			1.32		213.83			1.85	
80	222.49			1.19		215.00			1.84	
85	225.58			1.03		216.36			1.84	
90	229.48			0.84		218.07			1.83	

Table D.2.7: Reading Grade 6 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.25</i>			<i>SD</i>		<i>1.56</i>		
10	186.70		8.27			199.22		5.87		
15	190.93		7.64			201.06		5.70		
20	194.29		7.14			202.52		5.56		
25	197.18		6.71			203.77		5.45		
30	199.77		6.33			204.89		5.34		
35	202.17		5.97			205.94		5.25		
40	204.45		5.63			206.93		5.16		
45	206.66		5.30			207.88		5.07		
50	208.83		4.98			208.83		4.98		
55	211.00		4.66			209.77		4.90		
60	213.20		4.33			210.73		4.81		
65	215.48		3.99			211.72		4.72		
70	217.88		3.64			212.76		4.62		
75	220.47		3.25			213.88		4.52		
80	223.36		2.82			215.14		4.40		
85	226.72		2.32			216.60		4.27		
90	230.96		1.69			218.44		4.10		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.07</i>		<i>6.72</i>		<i>SD</i>	<i>2.24</i>		<i>1.89</i>	
10	188.33	3.46		8.38		201.07	0.39		5.71	
15	192.63	2.67		7.65		202.94	0.19		5.49	
20	196.05	2.05		7.06		204.42	0.03		5.31	
25	198.98	1.51		6.56		205.69	-0.11		5.16	
30	201.62	1.03		6.11		206.83	-0.23		5.02	
35	204.06	0.58		5.70		207.89	-0.34		4.89	
40	206.37	0.16		5.30		208.89	-0.45		4.77	
45	208.61	-0.25		4.92		209.86	-0.55		4.65	
50	210.82	-0.65		4.54		210.82	-0.65		4.54	
55	213.02	-1.06		4.16		211.77	-0.76		4.43	
60	215.27	-1.47		3.78		212.75	-0.86		4.31	
65	217.58	-1.89		3.38		213.75	-0.97		4.19	
70	220.02	-2.34		2.97		214.81	-1.08		4.06	
75	222.66	-2.82		2.52		215.95	-1.20		3.92	
80	225.59	-3.36		2.02		217.22	-1.34		3.77	
85	229.01	-3.98		1.43		218.70	-1.50		3.59	
90	233.31	-4.77		0.70		220.57	-1.69		3.37	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.46</i>	<i>6.97</i>	<i>7.11</i>	<i>SD</i>		<i>0.99</i>	<i>1.74</i>	<i>1.59</i>
10	189.08		5.49	7.79	6.46	201.00		3.95	5.73	5.08
15	193.11		5.14	7.29	6.13	202.75		3.89	5.63	5.01
20	196.32		4.86	6.90	5.87	204.14		3.85	5.55	4.96

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Reading Grade 6 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	199.07		4.62	6.56	5.64	205.34		3.81	5.48	4.91
30	201.54		4.40	6.26	5.44	206.41		3.77	5.41	4.87
35	203.82		4.20	5.97	5.25	207.41		3.74	5.36	4.84
40	206.00		4.01	5.71	5.07	208.35		3.70	5.30	4.80
45	208.10		3.82	5.45	4.90	209.27		3.67	5.25	4.77
50	210.17		3.64	5.19	4.73	210.17		3.64	5.19	4.73
55	212.23		3.46	4.94	4.56	211.06		3.61	5.14	4.70
60	214.33		3.28	4.68	4.39	211.98		3.58	5.09	4.66
65	216.51		3.09	4.41	4.21	212.92		3.55	5.03	4.63
70	218.80		2.89	4.13	4.02	213.92		3.52	4.97	4.59
75	221.27		2.67	3.83	3.82	214.99		3.48	4.91	4.55
80	224.02		2.43	3.49	3.60	216.19		3.44	4.84	4.51
85	227.22		2.15	3.09	3.33	217.58		3.39	4.76	4.45
90	231.25		1.80	2.60	3.00	219.33		3.33	4.65	4.39

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.18		<i>SD</i>			0.76	
10	193.33			2.59		204.86			1.64	
15	197.25			2.39		206.57			1.63	
20	200.36			2.23		207.93			1.61	
25	203.03			2.10		209.10			1.60	
30	205.43			1.97		210.15			1.59	
35	207.65			1.86		211.12			1.58	
40	209.76			1.76		212.04			1.57	
45	211.80			1.65		212.93			1.56	
50	213.81			1.55		213.81			1.55	
55	215.82			1.45		214.69			1.54	
60	217.86			1.35		215.58			1.53	
65	219.97			1.24		216.50			1.52	
70	222.19			1.13		217.47			1.51	
75	224.59			1.00		218.52			1.50	
80	227.26			0.87		219.69			1.49	
85	230.37			0.71		221.05			1.48	
90	234.28			0.51		222.76			1.46	

Table D.2.8: Reading Grade 7 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.73</i>			<i>SD</i>		<i>1.15</i>		
10	190.25		7.40			202.45		5.59		
15	194.47		6.90			204.34		5.43		
20	197.83		6.50			205.84		5.31		
25	200.71		6.15			207.13		5.20		
30	203.29		5.84			208.28		5.10		
35	205.69		5.56			209.35		5.01		
40	207.96		5.29			210.37		4.93		
45	210.16		5.02			211.35		4.85		
50	212.32		4.77			212.32		4.77		
55	214.49		4.51			213.29		4.69		
60	216.69		4.25			214.27		4.60		
65	218.96		3.97			215.29		4.52		
70	221.35		3.69			216.36		4.43		
75	223.94		3.38			217.52		4.33		
80	226.82		3.04			218.80		4.23		
85	230.17		2.64			220.30		4.10		
90	234.39		2.13			222.19		3.95		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.01</i>		<i>6.35</i>		<i>SD</i>	<i>2.26</i>		<i>1.46</i>	
10	190.95	4.75		8.07		203.71	1.64		5.66	
15	195.33	3.91		7.39		205.65	1.40		5.44	
20	198.81	3.24		6.85		207.19	1.20		5.27	
25	201.79	2.67		6.39		208.51	1.03		5.12	
30	204.48	2.16		5.97		209.70	0.88		4.99	
35	206.96	1.68		5.59		210.80	0.75		4.86	
40	209.32	1.23		5.22		211.84	0.61		4.74	
45	211.60	0.79		4.87		212.85	0.49		4.63	
50	213.84	0.36		4.52		213.84	0.36		4.52	
55	216.09	-0.07		4.17		214.84	0.23		4.41	
60	218.37	-0.51		3.82		215.85	0.11		4.29	
65	220.73	-0.96		3.45		216.89	-0.03		4.18	
70	223.21	-1.44		3.07		217.99	-0.16		4.05	
75	225.89	-1.95		2.65		219.18	-0.31		3.92	
80	228.88	-2.52		2.19		220.50	-0.48		3.77	
85	232.36	-3.19		1.65		222.04	-0.68		3.59	
90	236.74	-4.03		0.97		223.98	-0.92		3.38	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.46</i>	<i>6.95</i>	<i>6.45</i>	<i>SD</i>		<i>1.00</i>	<i>1.75</i>	<i>1.36</i>
10	193.04		4.48	6.32	5.56	204.89		3.12	4.57	4.57
15	197.09		4.18	5.91	5.28	206.67		3.07	4.49	4.48
20	200.31		3.93	5.58	5.06	208.09		3.04	4.43	4.41

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Reading Grade 7 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	203.07		3.73	5.30	4.87	209.30		3.01	4.37	4.35
30	205.54		3.54	5.04	4.70	210.39		2.98	4.33	4.30
35	207.84		3.37	4.81	4.55	211.40		2.96	4.28	4.25
40	210.02		3.20	4.59	4.40	212.36		2.93	4.24	4.20
45	212.13		3.04	4.37	4.25	213.29		2.91	4.20	4.15
50	214.20		2.89	4.16	4.11	214.20		2.89	4.16	4.11
55	216.28		2.73	3.95	3.97	215.12		2.86	4.12	4.06
60	218.39		2.57	3.73	3.82	216.04		2.84	4.08	4.02
65	220.57		2.41	3.51	3.67	217.00		2.81	4.04	3.97
70	222.86		2.23	3.27	3.52	218.01		2.79	3.99	3.92
75	225.34		2.05	3.02	3.35	219.10		2.76	3.94	3.87
80	228.10		1.84	2.74	3.16	220.32		2.73	3.89	3.81
85	231.32		1.59	2.41	2.94	221.73		2.70	3.83	3.74
90	235.37		1.29	2.00	2.66	223.52		2.65	3.75	3.65

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.17		<i>SD</i>			0.76	
10	196.31			2.14		207.92			1.31	
15	200.28			1.97		209.67			1.31	
20	203.44			1.84		211.07			1.30	
25	206.15			1.73		212.26			1.29	
30	208.59			1.63		213.34			1.29	
35	210.84			1.53		214.33			1.29	
40	212.98			1.44		215.28			1.28	
45	215.05			1.36		216.19			1.28	
50	217.09			1.27		217.09			1.27	
55	219.13			1.19		217.99			1.27	
60	221.20			1.10		218.90			1.27	
65	223.34			1.01		219.85			1.26	
70	225.59			0.92		220.84			1.26	
75	228.03			0.82		221.91			1.25	
80	230.74			0.70		223.11			1.25	
85	233.89			0.57		224.50			1.24	
90	237.87			0.41		226.26			1.23	

Table D.2.9: Reading Grade 8 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.65</i>			<i>SD</i>		<i>1.40</i>		
10	194.49		6.41			206.04		4.72		
15	198.62		6.03			207.96		4.67		
20	201.90		5.73			209.49		4.62		
25	204.72		5.47			210.80		4.58		
30	207.25		5.23			211.98		4.55		
35	209.60		5.02			213.07		4.51		
40	211.82		4.82			214.10		4.48		
45	213.97		4.62			215.11		4.45		
50	216.09		4.42			216.09		4.42		
55	218.21		4.23			217.08		4.39		
60	220.36		4.03			218.08		4.36		
65	222.59		3.83			219.11		4.33		
70	224.93		3.61			220.20		4.30		
75	227.46		3.38			221.38		4.27		
80	230.28		3.12			222.69		4.23		
85	233.56		2.82			224.22		4.18		
90	237.70		2.44			226.14		4.12		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.30</i>		<i>7.34</i>		<i>SD</i>	<i>2.17</i>		<i>1.88</i>	
10	195.20	3.74		7.00		207.19	1.11		4.83	
15	199.45	3.13		6.47		209.15	1.01		4.71	
20	202.83	2.65		6.05		210.71	0.93		4.62	
25	205.73	2.24		5.68		212.05	0.86		4.54	
30	208.34	1.87		5.36		213.25	0.79		4.47	
35	210.75	1.52		5.06		214.36	0.73		4.40	
40	213.04	1.20		4.77		215.41	0.68		4.34	
45	215.26	0.88		4.49		216.43	0.62		4.28	
50	217.44	0.57		4.22		217.44	0.57		4.22	
55	219.62	0.26		3.95		218.44	0.52		4.16	
60	221.83	-0.06		3.67		219.46	0.46		4.10	
65	224.12	-0.38		3.38		220.52	0.41		4.04	
70	226.54	-0.73		3.08		221.63	0.35		3.97	
75	229.14	-1.10		2.76		222.83	0.29		3.90	
80	232.04	-1.51		2.40		224.16	0.22		3.82	
85	235.42	-1.99		1.97		225.72	0.13		3.73	
90	239.68	-2.60		1.44		227.68	0.03		3.61	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.58</i>	<i>7.24</i>	<i>7.48</i>	<i>SD</i>		<i>1.15</i>	<i>2.02</i>	<i>1.63</i>
10	196.17		4.18	5.96	2.43	207.92		2.80	4.15	2.50
15	200.35		3.86	5.52	2.49	209.85		2.74	4.06	2.54
20	203.67		3.61	5.17	2.53	211.38		2.70	3.98	2.57

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Reading Grade 8 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	206.52		3.39	4.87	2.57	212.70		2.66	3.91	2.60
30	209.07		3.19	4.60	2.60	213.88		2.63	3.86	2.63
35	211.44		3.01	4.35	2.63	214.97		2.59	3.80	2.65
40	213.69		2.84	4.11	2.66	216.01		2.56	3.75	2.67
45	215.87		2.67	3.88	2.69	217.02		2.54	3.70	2.69
50	218.01		2.51	3.65	2.71	218.01		2.51	3.65	2.71
55	220.15		2.34	3.42	2.74	219.00		2.48	3.60	2.74
60	222.32		2.18	3.19	2.77	220.00		2.45	3.55	2.76
65	224.57		2.00	2.95	2.80	221.04		2.42	3.50	2.78
70	226.94		1.82	2.70	2.83	222.14		2.39	3.44	2.80
75	229.50		1.63	2.43	2.86	223.32		2.36	3.38	2.83
80	232.35		1.41	2.13	2.90	224.64		2.32	3.32	2.86
85	235.67		1.15	1.78	2.94	226.17		2.27	3.24	2.89
90	239.84		0.83	1.33	3.00	228.10		2.22	3.14	2.93

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.25		<i>SD</i>			0.88	
10	199.12			2.00		210.60			1.19	
15	203.21			1.83		212.50			1.18	
20	206.47			1.70		214.00			1.17	
25	209.26			1.59		215.30			1.17	
30	211.76			1.49		216.46			1.16	
35	214.08			1.40		217.53			1.16	
40	216.29			1.31		218.56			1.15	
45	218.42			1.23		219.54			1.15	
50	220.52			1.14		220.52			1.14	
55	222.61			1.06		221.49			1.14	
60	224.74			0.97		222.47			1.13	
65	226.95			0.89		223.50			1.13	
70	229.27			0.79		224.57			1.12	
75	231.77			0.69		225.73			1.12	
80	234.56			0.58		227.03			1.11	
85	237.82			0.45		228.53			1.10	
90	241.91			0.29		230.43			1.09	

Table D.2.10: Reading Grade 9 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.22</i>			<i>SD</i>		<i>1.34</i>		
10	190.49		7.39			203.68		4.98		
15	195.60		6.61			206.27		4.66		
20	199.66		5.99			208.32		4.41		
25	203.14		5.46			210.09		4.19		
30	206.27		4.98			211.67		3.99		
35	209.17		4.54			213.14		3.81		
40	211.92		4.12			214.53		3.64		
45	214.59		3.71			215.88		3.47		
50	217.21		3.31			217.21		3.31		
55	219.83		2.91			218.53		3.15		
60	222.49		2.50			219.88		2.98		
65	225.24		2.08			221.28		2.81		
70	228.14		1.64			222.74		2.63		
75	231.27		1.16			224.33		2.43		
80	234.76		0.63			226.09		2.21		
85	238.82		0.01			228.15		1.96		
90	243.93		-0.77			230.74		1.64		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>10.03</i>		<i>7.09</i>		<i>SD</i>		<i>2.79</i>		<i>1.66</i>
10	190.01	8.17		8.77		204.53	2.67		5.15	
15	195.42	6.72		7.68		207.16	2.27		4.76	
20	199.72	5.57		6.82		209.26	1.96		4.45	
25	203.41	4.58		6.08		211.05	1.69		4.18	
30	206.72	3.70		5.42		212.66	1.45		3.94	
35	209.79	2.88		4.81		214.16	1.22		3.72	
40	212.71	2.10		4.22		215.58	1.01		3.51	
45	215.52	1.34		3.66		216.95	0.80		3.31	
50	218.30	0.60		3.10		218.30	0.60		3.10	
55	221.07	-0.14		2.55		219.65	0.40		2.90	
60	223.89	-0.90		1.99		221.02	0.19		2.70	
65	226.80	-1.68		1.40		222.44	-0.02		2.49	
70	229.87	-2.50		0.79		223.93	-0.25		2.27	
75	233.19	-3.39		0.13		225.55	-0.49		2.03	
80	236.88	-4.37		-0.61		227.34	-0.76		1.76	
85	241.18	-5.52		-1.47		229.43	-1.07		1.45	
90	246.59	-6.97		-2.56		232.07	-1.47		1.06	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.93</i>	<i>8.03</i>	<i>7.33</i>	<i>SD</i>		<i>1.13</i>	<i>1.98</i>	<i>1.49</i>
10	194.52		3.23	4.78	5.03	206.67		1.96	3.09	3.54
15	199.18		2.92	4.34	4.50	209.01		1.89	2.98	3.30
20	202.89		2.68	4.00	4.09	210.86		1.84	2.89	3.11

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Reading Grade 9 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	206.07		2.47	3.70	3.73	212.46		1.80	2.82	2.95
30	208.92		2.28	3.44	3.41	213.89		1.76	2.75	2.80
35	211.57		2.11	3.19	3.11	215.22		1.72	2.68	2.66
40	214.08		1.94	2.95	2.83	216.48		1.69	2.62	2.53
45	216.51		1.78	2.73	2.55	217.70		1.65	2.56	2.41
50	218.90		1.62	2.51	2.29	218.90		1.62	2.51	2.29
55	221.29		1.46	2.28	2.02	220.10		1.59	2.45	2.16
60	223.72		1.30	2.06	1.74	221.32		1.55	2.39	2.04
65	226.23		1.14	1.82	1.46	222.58		1.52	2.33	1.91
70	228.87		0.96	1.58	1.16	223.90		1.48	2.26	1.77
75	231.73		0.77	1.31	0.84	225.34		1.44	2.20	1.62
80	234.91		0.56	1.01	0.48	226.93		1.40	2.12	1.46
85	238.61		0.32	0.67	0.07	228.79		1.35	2.03	1.27
90	243.28		0.01	0.23	-0.46	231.13		1.28	1.92	1.03

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.47		<i>SD</i>			0.87	
10	196.52			1.53		208.53			1.00	
15	201.11			1.41		210.83			0.98	
20	204.76			1.31		212.65			0.96	
25	207.89			1.23		214.21			0.95	
30	210.70			1.15		215.61			0.93	
35	213.30			1.08		216.92			0.92	
40	215.77			1.01		218.15			0.91	
45	218.16			0.95		219.34			0.90	
50	220.52			0.88		220.52			0.88	
55	222.87			0.82		221.69			0.87	
60	225.26			0.76		222.89			0.86	
65	227.74			0.69		224.12			0.85	
70	230.34			0.62		225.42			0.84	
75	233.15			0.54		226.83			0.82	
80	236.28			0.46		228.39			0.81	
85	239.93			0.36		230.21			0.79	
90	244.52			0.24		232.50			0.77	

Table D.2.11: Reading Grade 10 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.52</i>			<i>SD</i>		<i>1.44</i>		
10	196.90		4.76			208.89		3.45		
15	201.35		4.38			211.04		3.32		
20	204.88		4.08			212.75		3.22		
25	207.91		3.82			214.22		3.13		
30	210.63		3.59			215.53		3.05		
35	213.15		3.37			216.75		2.98		
40	215.54		3.17			217.91		2.91		
45	217.86		2.97			219.03		2.84		
50	220.14		2.77			220.14		2.77		
55	222.41		2.58			221.24		2.71		
60	224.73		2.38			222.36		2.64		
65	227.12		2.18			223.52		2.57		
70	229.64		1.96			224.74		2.50		
75	232.36		1.73			226.05		2.42		
80	235.39		1.47			227.52		2.33		
85	238.92		1.17			229.23		2.22		
90	243.37		0.79			231.38		2.09		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.43</i>		<i>7.72</i>		<i>SD</i>	<i>2.31</i>		<i>1.89</i>	
10	196.52	4.68		5.88		209.40	1.58		3.71	
15	201.16	3.92		5.27		211.58	1.40		3.52	
20	204.85	3.31		4.79		213.31	1.27		3.37	
25	208.02	2.79		4.38		214.80	1.15		3.24	
30	210.86	2.32		4.01		216.14	1.04		3.12	
35	213.50	1.88		3.66		217.37	0.95		3.01	
40	216.00	1.47		3.34		218.55	0.85		2.91	
45	218.42	1.07		3.02		219.68	0.76		2.81	
50	220.80	0.68		2.71		220.80	0.68		2.71	
55	223.18	0.28		2.40		221.92	0.59		2.62	
60	225.60	-0.12		2.09		223.05	0.50		2.52	
65	228.10	-0.53		1.76		224.23	0.41		2.41	
70	230.73	-0.96		1.42		225.46	0.31		2.31	
75	233.58	-1.43		1.05		226.80	0.20		2.19	
80	236.74	-1.96		0.64		228.28	0.09		2.06	
85	240.43	-2.57		0.16		230.02	-0.05		1.91	
90	245.08	-3.33		-0.45		232.19	-0.22		1.72	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.78</i>	<i>7.67</i>	<i>7.18</i>	<i>SD</i>		<i>0.94</i>	<i>1.65</i>	<i>1.53</i>
10	198.51		2.81	3.86	1.34	210.57		1.68	2.48	1.58
15	202.90		2.55	3.51	1.34	212.65		1.64	2.39	1.53
20	206.39		2.34	3.23	1.34	214.31		1.60	2.33	1.49

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Reading Grade 10 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	209.39		2.16	3.00	1.34	215.73		1.57	2.27	1.46
30	212.08		2.00	2.78	1.33	217.01		1.54	2.22	1.43
35	214.57		1.85	2.58	1.33	218.20		1.51	2.17	1.40
40	216.93		1.71	2.40	1.33	219.32		1.48	2.12	1.38
45	219.22		1.57	2.22	1.33	220.41		1.46	2.08	1.35
50	221.47		1.43	2.04	1.33	221.47		1.43	2.04	1.33
55	223.73		1.30	1.86	1.33	222.54		1.41	1.99	1.30
60	226.02		1.16	1.68	1.33	223.63		1.38	1.95	1.28
65	228.38		1.02	1.49	1.33	224.75		1.36	1.91	1.25
70	230.87		0.87	1.29	1.32	225.94		1.33	1.86	1.23
75	233.56		0.71	1.08	1.32	227.21		1.30	1.81	1.20
80	236.56		0.53	0.84	1.32	228.64		1.27	1.75	1.17
85	240.05		0.32	0.56	1.32	230.29		1.23	1.68	1.13
90	244.44		0.06	0.22	1.32	232.38		1.18	1.60	1.08

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.36		<i>SD</i>			0.72	
10	200.08			1.15		212.18			0.69	
15	204.45			1.04		214.24			0.67	
20	207.92			0.96		215.87			0.66	
25	210.89			0.89		217.26			0.65	
30	213.57			0.83		218.52			0.64	
35	216.04			0.77		219.68			0.63	
40	218.40			0.71		220.79			0.62	
45	220.67			0.66		221.86			0.61	
50	222.91			0.60		222.91			0.60	
55	225.15			0.55		223.96			0.60	
60	227.42			0.50		225.03			0.59	
65	229.77			0.44		226.13			0.58	
70	232.25			0.38		227.30			0.57	
75	234.92			0.32		228.55			0.56	
80	237.90			0.25		229.95			0.55	
85	241.37			0.16		231.58			0.53	
90	245.74			0.06		233.63			0.52	

Table D.2.12: Reading Grade 11 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.92</i>			<i>SD</i>		<i>1.46</i>		
10	199.49		4.12			211.29		3.05		
15	203.87		3.76			213.41		2.89		
20	207.35		3.48			215.10		2.77		
25	210.34		3.23			216.55		2.67		
30	213.02		3.01			217.85		2.57		
35	215.51		2.81			219.05		2.49		
40	217.86		2.61			220.20		2.40		
45	220.15		2.43			221.30		2.32		
50	222.39		2.24			222.39		2.24		
55	224.64		2.06			223.48		2.17		
60	226.92		1.87			224.59		2.08		
65	229.28		1.68			225.73		2.00		
70	231.76		1.48			226.94		1.91		
75	234.44		1.26			228.24		1.82		
80	237.43		1.01			229.69		1.72		
85	240.91		0.73			231.37		1.59		
90	245.29		0.37			233.50		1.44		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.40</i>		<i>8.44</i>		<i>SD</i>	<i>2.18</i>		<i>1.92</i>	
10	198.48	5.05		5.14		211.09	2.36		3.27	
15	203.09	4.26		4.57		213.29	2.09		3.05	
20	206.75	3.64		4.11		215.03	1.88		2.88	
25	209.89	3.11		3.72		216.53	1.69		2.73	
30	212.72	2.63		3.37		217.88	1.53		2.60	
35	215.33	2.18		3.04		219.12	1.37		2.48	
40	217.81	1.76		2.73		220.31	1.23		2.36	
45	220.21	1.35		2.43		221.45	1.09		2.25	
50	222.58	0.95		2.13		222.58	0.95		2.13	
55	224.94	0.55		1.84		223.70	0.81		2.02	
60	227.34	0.14		1.54		224.85	0.67		1.91	
65	229.82	-0.28		1.23		226.03	0.53		1.79	
70	232.44	-0.73		0.90		227.28	0.37		1.67	
75	235.26	-1.21		0.55		228.62	0.21		1.54	
80	238.41	-1.74		0.16		230.12	0.03		1.39	
85	242.07	-2.36		-0.30		231.87	-0.19		1.22	
90	246.68	-3.15		-0.87		234.06	-0.46		1.00	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.18</i>	<i>8.58</i>	<i>7.69</i>	<i>SD</i>		<i>1.25</i>	<i>2.19</i>	<i>1.62</i>
10	200.81		2.43	2.90	-0.44	213.07		1.22	1.37	0.36
15	205.16		2.17	2.57	-0.34	215.07		1.20	1.34	0.31
20	208.61		1.97	2.31	-0.26	216.66		1.18	1.31	0.27

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Reading Grade 11 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	211.57		1.80	2.09	-0.19	218.02		1.16	1.28	0.24
30	214.23		1.65	1.89	-0.12	219.25		1.15	1.26	0.20
35	216.70		1.50	1.70	-0.06	220.38		1.14	1.24	0.18
40	219.04		1.37	1.52	-0.01	221.46		1.13	1.22	0.15
45	221.30		1.24	1.35	0.04	222.50		1.12	1.20	0.12
50	223.53		1.11	1.18	0.10	223.53		1.11	1.18	0.10
55	225.76		0.98	1.02	0.15	224.55		1.10	1.16	0.07
60	228.02		0.85	0.84	0.20	225.60		1.09	1.15	0.04
65	230.36		0.71	0.67	0.26	226.67		1.07	1.13	0.02
70	232.82		0.57	0.48	0.32	227.81		1.06	1.11	-0.01
75	235.48		0.41	0.28	0.38	229.03		1.05	1.08	-0.04
80	238.45		0.24	0.06	0.45	230.40		1.04	1.06	-0.08
85	241.90		0.04	-0.21	0.53	231.99		1.02	1.03	-0.12
90	246.25		-0.21	-0.53	0.63	233.99		1.00	0.99	-0.17

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.62		<i>SD</i>			0.94	
10	201.82			0.31		214.16			-0.03	
15	206.18			0.27		216.17			-0.01	
20	209.65			0.23		217.76			0.01	
25	212.63			0.20		219.12			0.02	
30	215.30			0.17		220.35			0.03	
35	217.78			0.15		221.49			0.05	
40	220.12			0.12		222.57			0.06	
45	222.40			0.10		223.61			0.07	
50	224.64			0.08		224.64			0.08	
55	226.87			0.05		225.66			0.09	
60	229.15			0.03		226.71			0.10	
65	231.50			0.01		227.78			0.11	
70	233.97			-0.02		228.92			0.12	
75	236.64			-0.05		230.15			0.13	
80	239.62			-0.08		231.51			0.14	
85	243.09			-0.11		233.10			0.16	
90	247.45			-0.16		235.11			0.18	

Table D.2.13: Reading Grade 12 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>10.83</i>			<i>SD</i>		<i>2.94</i>		
10	200.51		-0.03			212.13		-0.13		
15	204.96		-0.01			214.36		-0.09		
20	208.50		0.00			216.13		-0.06		
25	211.53		0.02			217.65		-0.04		
30	214.26		0.03			219.02		-0.01		
35	216.79		0.04			220.28		0.01		
40	219.18		0.05			221.48		0.03		
45	221.50		0.06			222.64		0.05		
50	223.79		0.07			223.79		0.07		
55	226.07		0.08			224.93		0.09		
60	228.39		0.09			226.09		0.10		
65	230.79		0.10			227.29		0.12		
70	233.31		0.11			228.55		0.15		
75	236.04		0.12			229.92		0.17		
80	239.07		0.13			231.44		0.19		
85	242.61		0.14			233.21		0.22		
90	247.06		0.16			235.44		0.26		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>5.15</i>		<i>10.69</i>		<i>SD</i>	<i>0.65</i>		<i>2.91</i>	
10	199.92	0.03		-1.80		212.06	-0.18		-0.12	
15	204.49	0.01		-1.37		214.32	-0.15		-0.00	
20	208.13	0.00		-1.02		216.11	-0.13		0.09	
25	211.25	-0.01		-0.72		217.65	-0.12		0.16	
30	214.05	-0.02		-0.46		219.03	-0.10		0.23	
35	216.65	-0.02		-0.21		220.30	-0.09		0.30	
40	219.12	-0.03		0.03		221.52	-0.07		0.36	
45	221.50	-0.04		0.25		222.69	-0.06		0.42	
50	223.85	-0.05		0.48		223.85	-0.05		0.48	
55	226.19	-0.05		0.70		225.00	-0.03		0.54	
60	228.58	-0.06		0.93		226.18	-0.02		0.59	
65	231.04	-0.07		1.16		227.39	-0.01		0.66	
70	233.64	-0.08		1.41		228.67	0.01		0.72	
75	236.44	-0.09		1.68		230.05	0.02		0.79	
80	239.57	-0.10		1.97		231.59	0.04		0.87	
85	243.20	-0.11		2.32		233.38	0.06		0.96	
90	247.78	-0.12		2.76		235.63	0.09		1.07	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.31</i>	<i>8.68</i>		<i>SD</i>		<i>1.28</i>	<i>2.24</i>	
10	199.05		-1.15	-2.13		211.86		-0.33	-0.14	
15	203.78		-0.92	-1.62		214.14		-0.26	-0.01	
20	207.55		-0.74	-1.22		215.96		-0.20	0.09	

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Reading Grade 12 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	210.77		-0.58	-0.87		217.51		-0.15	0.18	
30	213.67		-0.44	-0.56		218.91		-0.10	0.25	
35	216.36		-0.31	-0.27		220.21		-0.06	0.32	
40	218.91		-0.19	-0.00		221.44		-0.02	0.39	
45	221.37		-0.07	0.26		222.63		0.01	0.46	
50	223.80		0.05	0.52		223.80		0.05	0.52	
55	226.23		0.17	0.78		224.97		0.09	0.59	
60	228.70		0.29	1.05		226.16		0.13	0.65	
65	231.24		0.41	1.32		227.39		0.16	0.72	
70	233.93		0.54	1.61		228.69		0.21	0.79	
75	236.83		0.68	1.92		230.09		0.25	0.87	
80	240.06		0.84	2.26		231.65		0.30	0.96	
85	243.82		1.02	2.67		233.46		0.36	1.06	
90	248.56		1.26	3.17		235.75		0.43	1.18	

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.57		<i>SD</i>			0.95	
10	196.66			-1.04		211.42			0.03	
15	201.86			-0.75		213.80			0.12	
20	206.00			-0.52		215.69			0.18	
25	209.54			-0.32		217.31			0.24	
30	212.73			-0.15		218.76			0.29	
35	215.68			0.02		220.11			0.34	
40	218.48			0.17		221.39			0.39	
45	221.19			0.32		222.63			0.43	
50	223.85			0.47		223.85			0.47	
55	226.52			0.62		225.07			0.52	
60	229.23			0.77		226.31			0.56	
65	232.03			0.93		227.59			0.61	
70	234.98			1.09		228.94			0.65	
75	238.16			1.27		230.40			0.70	
80	241.71			1.47		232.02			0.76	
85	245.84			1.70		233.91			0.83	
90	251.04			1.98		236.29			0.91	

Appendix D.3 - Language Usage

Table D.3.1: Language Usage Grade 2 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.12</i>			<i>SD</i>		<i>2.11</i>		
10	144.50		21.21			157.82		17.79		
15	148.98		20.20			159.75		17.43		
20	152.54		19.39			161.29		17.15		
25	155.59		18.70			162.61		16.90		
30	158.33		18.08			163.79		16.68		
35	160.88		17.51			164.88		16.48		
40	163.29		16.96			165.92		16.28		
45	165.62		16.43			166.93		16.10		
50	167.92		15.91			167.92		15.91		
55	170.21		15.39			168.91		15.73		
60	172.55		14.86			169.91		15.54		
65	174.96		14.32			170.95		15.34		
70	177.50		13.74			172.05		15.14		
75	180.24		13.12			173.23		14.92		
80	183.30		12.43			174.55		14.67		
85	186.86		11.62			176.08		14.39		
90	191.34		10.61			178.01		14.03		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>10.93</i>		<i>6.74</i>		<i>SD</i>	<i>3.57</i>		<i>2.32</i>	
10	148.33	10.57		21.63		162.98	3.96		16.77	
15	153.31	8.48		20.17		165.16	3.13		16.24	
20	157.27	6.81		19.02		166.89	2.47		15.82	
25	160.66	5.38		18.03		168.37	1.90		15.47	
30	163.71	4.10		17.14		169.71	1.39		15.15	
35	166.54	2.91		16.31		170.94	0.92		14.85	
40	169.22	1.78		15.53		172.12	0.47		14.57	
45	171.82	0.69		14.77		173.25	0.04		14.29	
50	174.37	-0.39		14.02		174.37	-0.39		14.02	
55	176.92	-1.46		13.28		175.49	-0.82		13.76	
60	179.52	-2.56		12.52		176.62	-1.25		13.48	
65	182.20	-3.69		11.74		177.80	-1.70		13.20	
70	185.03	-4.88		10.91		179.03	-2.17		12.90	
75	188.08	-6.16		10.02		180.37	-2.68		12.58	
80	191.47	-7.59		9.03		181.85	-3.25		12.22	
85	195.43	-9.26		7.88		183.59	-3.91		11.81	
90	200.41	-11.35		6.42		185.77	-4.74		11.28	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.13</i>	<i>8.99</i>	<i>8.43</i>	<i>SD</i>		<i>1.65</i>	<i>2.88</i>	<i>2.20</i>
10	153.40		12.32	18.21	18.14	165.59		9.86	14.44	14.72

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Language Usage Grade 2 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
15	157.33		11.85	17.48	17.36	167.19		9.86	14.43	14.59
20	160.46		11.47	16.91	16.74	168.47		9.86	14.43	14.49
25	163.15		11.15	16.41	16.21	169.56		9.85	14.43	14.40
30	165.56		10.86	15.97	15.73	170.55		9.85	14.42	14.32
35	167.79		10.59	15.56	15.28	171.46		9.85	14.42	14.25
40	169.91		10.34	15.16	14.86	172.32		9.85	14.42	14.18
45	171.96		10.09	14.79	14.45	173.16		9.85	14.42	14.12
50	173.98		9.85	14.41	14.05	173.98		9.85	14.41	14.05
55	176.00		9.60	14.04	13.65	174.80		9.85	14.41	13.99
60	178.05		9.36	13.66	13.25	175.64		9.84	14.41	13.92
65	180.17		9.10	13.27	12.82	176.51		9.84	14.41	13.85
70	182.40		8.83	12.86	12.38	177.42		9.84	14.40	13.78
75	184.82		8.54	12.42	11.90	178.40		9.84	14.40	13.71
80	187.50		8.22	11.92	11.37	179.50		9.84	14.40	13.62
85	190.63		7.84	11.35	10.75	180.77		9.84	14.39	13.52
90	194.57		7.37	10.62	9.97	182.38		9.83	14.39	13.39

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.56		<i>SD</i>			1.20	
10	164.09			5.23		175.18			4.19	
15	167.86			5.11		176.84			4.26	
20	170.86			5.00		178.15			4.32	
25	173.44			4.92		179.28			4.37	
30	175.75			4.84		180.29			4.41	
35	177.89			4.77		181.23			4.45	
40	179.93			4.70		182.12			4.49	
45	181.89			4.63		182.98			4.53	
50	183.83			4.57		183.83			4.57	
55	185.76			4.50		184.68			4.60	
60	187.73			4.44		185.54			4.64	
65	189.76			4.37		186.43			4.68	
70	191.91			4.29		187.37			4.72	
75	194.22			4.22		188.38			4.77	
80	196.79			4.13		189.51			4.81	
85	199.79			4.03		190.82			4.87	
90	203.57			3.90		192.47			4.94	

Table D.3.2: Language Usage Grade 3 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.78</i>			<i>SD</i>		<i>1.54</i>		
10	162.31		15.59			174.07		13.09		
15	166.29		14.91			175.79		12.89		
20	169.45		14.37			177.17		12.73		
25	172.16		13.91			178.35		12.59		
30	174.59		13.50			179.40		12.47		
35	176.85		13.11			180.38		12.36		
40	178.99		12.74			181.31		12.25		
45	181.06		12.39			182.21		12.15		
50	183.10		12.04			183.10		12.04		
55	185.14		11.69			183.99		11.94		
60	187.21		11.34			184.89		11.84		
65	189.35		10.98			185.82		11.73		
70	191.61		10.59			186.80		11.61		
75	194.04		10.17			187.85		11.49		
80	196.75		9.71			189.03		11.35		
85	199.91		9.17			190.41		11.19		
90	203.89		8.49			192.13		10.99		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.21</i>		<i>6.26</i>		<i>SD</i>	<i>2.54</i>		<i>1.95</i>	
10	166.51	4.62		14.84		178.37	1.74		11.97	
15	170.58	3.72		14.02		180.18	1.39		11.70	
20	173.82	3.01		13.36		181.61	1.11		11.48	
25	176.59	2.39		12.80		182.84	0.87		11.29	
30	179.09	1.84		12.29		183.94	0.66		11.12	
35	181.40	1.33		11.82		184.96	0.46		10.96	
40	183.59	0.84		11.38		185.94	0.27		10.81	
45	185.71	0.38		10.95		186.87	0.09		10.67	
50	187.80	-0.09		10.53		187.80	-0.09		10.53	
55	189.89	-0.55		10.10		188.72	-0.27		10.38	
60	192.01	-1.02		9.67		189.66	-0.45		10.24	
65	194.20	-1.50		9.23		190.63	-0.64		10.09	
70	196.51	-2.01		8.76		191.65	-0.83		9.93	
75	199.00	-2.57		8.26		192.76	-1.05		9.76	
80	201.78	-3.18		7.69		193.99	-1.29		9.58	
85	205.02	-3.90		7.04		195.42	-1.56		9.36	
90	209.09	-4.80		6.21		197.22	-1.91		9.08	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.23</i>	<i>6.99</i>	<i>7.18</i>	<i>SD</i>		<i>1.12</i>	<i>1.96</i>	<i>1.76</i>
10	168.07		9.55	13.75	12.02	179.44		7.60	10.91	10.22
15	171.83		9.14	13.15	11.57	181.02		7.57	10.85	10.11
20	174.81		8.82	12.67	11.21	182.28		7.54	10.81	10.02

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Language Usage Grade 3 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	177.37		8.54	12.26	10.90	183.36		7.52	10.77	9.95
30	179.67		8.30	11.90	10.62	184.33		7.50	10.73	9.88
35	181.81		8.07	11.56	10.36	185.23		7.48	10.70	9.82
40	183.83		7.85	11.23	10.12	186.08		7.46	10.67	9.76
45	185.79		7.64	10.92	9.88	186.90		7.45	10.64	9.71
50	187.71		7.43	10.61	9.65	187.71		7.43	10.61	9.65
55	189.64		7.22	10.30	9.42	188.52		7.41	10.58	9.59
60	191.59		7.01	9.99	9.18	189.35		7.40	10.55	9.54
65	193.62		6.79	9.67	8.94	190.20		7.38	10.52	9.48
70	195.75		6.56	9.33	8.68	191.09		7.36	10.49	9.42
75	198.05		6.32	8.96	8.40	192.06		7.34	10.46	9.35
80	200.61		6.04	8.55	8.10	193.14		7.32	10.42	9.28
85	203.60		5.72	8.07	7.74	194.40		7.29	10.37	9.19
90	207.35		5.31	7.47	7.28	195.98		7.26	10.32	9.08

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.91		<i>SD</i>			0.84	
10	176.38			4.25		186.92			3.12	
15	179.97			4.05		188.49			3.13	
20	182.82			3.88		189.74			3.14	
25	185.27			3.74		190.81			3.15	
30	187.47			3.62		191.78			3.16	
35	189.50			3.50		192.67			3.16	
40	191.43			3.39		193.52			3.17	
45	193.30			3.29		194.34			3.18	
50	195.14			3.18		195.14			3.18	
55	196.98			3.08		195.95			3.19	
60	198.85			2.97		196.77			3.19	
65	200.78			2.86		197.62			3.20	
70	202.82			2.74		198.51			3.21	
75	205.02			2.62		199.47			3.22	
80	207.46			2.48		200.54			3.22	
85	210.31			2.32		201.79			3.23	
90	213.90			2.11		203.37			3.24	

Table D.3.3: Language Usage Grade 4 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.47</i>			<i>SD</i>		<i>1.31</i>		
10	174.79		10.95			185.73		8.94		
15	178.62		10.40			187.47		8.78		
20	181.66		9.96			188.85		8.64		
25	184.27		9.58			190.03		8.53		
30	186.62		9.25			191.09		8.42		
35	188.79		8.93			192.08		8.33		
40	190.85		8.63			193.01		8.24		
45	192.85		8.35			193.92		8.15		
50	194.81		8.06			194.81		8.06		
55	196.77		7.78			195.70		7.98		
60	198.77		7.49			196.60		7.89		
65	200.83		7.19			197.54		7.80		
70	203.00		6.88			198.52		7.70		
75	205.34		6.54			199.59		7.60		
80	207.96		6.16			200.77		7.48		
85	211.00		5.72			202.15		7.35		
90	214.83		5.17			203.89		7.18		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.45</i>		<i>5.95</i>		<i>SD</i>	<i>2.16</i>		<i>1.62</i>	
10	177.62	2.88		10.68		188.66	0.54		8.28	
15	181.49	2.23		10.00		190.42	0.34		8.06	
20	184.56	1.71		9.47		191.81	0.18		7.89	
25	187.20	1.27		9.01		193.01	0.04		7.75	
30	189.57	0.87		8.60		194.09	-0.08		7.61	
35	191.77	0.50		8.21		195.09	-0.20		7.49	
40	193.85	0.15		7.85		196.03	-0.31		7.38	
45	195.87	-0.18		7.50		196.95	-0.41		7.26	
50	197.85	-0.52		7.15		197.85	-0.52		7.15	
55	199.83	-0.85		6.81		198.75	-0.62		7.04	
60	201.85	-1.19		6.46		199.67	-0.73		6.93	
65	203.93	-1.54		6.09		200.61	-0.84		6.82	
70	206.13	-1.91		5.71		201.61	-0.95		6.69	
75	208.50	-2.30		5.30		202.69	-1.07		6.56	
80	211.13	-2.75		4.84		203.88	-1.21		6.42	
85	214.21	-3.26		4.30		205.28	-1.37		6.24	
90	218.08	-3.91		3.63		207.04	-1.58		6.03	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>4.94</i>	<i>6.30</i>	<i>6.50</i>	<i>SD</i>		<i>0.98</i>	<i>1.71</i>	<i>1.57</i>
10	177.98		7.50	10.53	8.81	188.75		5.85	8.22	7.56
15	181.68		7.13	9.98	8.47	190.39		5.79	8.12	7.46
20	184.62		6.83	9.55	8.19	191.69		5.75	8.03	7.37

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Language Usage Grade 4 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	187.15		6.57	9.18	7.96	192.81		5.70	7.96	7.30
30	189.41		6.34	8.84	7.75	193.82		5.67	7.90	7.23
35	191.51		6.13	8.53	7.55	194.75		5.63	7.84	7.17
40	193.51		5.93	8.24	7.37	195.63		5.60	7.78	7.12
45	195.43		5.73	7.95	7.19	196.49		5.57	7.73	7.06
50	197.33		5.54	7.67	7.01	197.33		5.54	7.67	7.01
55	199.23		5.35	7.39	6.83	198.17		5.51	7.62	6.95
60	201.16		5.15	7.11	6.65	199.03		5.48	7.56	6.90
65	203.15		4.95	6.81	6.47	199.91		5.44	7.50	6.84
70	205.25		4.74	6.50	6.27	200.85		5.41	7.44	6.78
75	207.52		4.51	6.17	6.06	201.85		5.37	7.38	6.72
80	210.04		4.25	5.79	5.82	202.97		5.33	7.31	6.65
85	212.98		3.95	5.36	5.55	204.28		5.28	7.22	6.56
90	216.69		3.58	4.81	5.21	205.92		5.22	7.12	6.46

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.70		<i>SD</i>			0.75	
10	184.36			3.29		194.51			2.23	
15	187.90			3.07		196.11			2.21	
20	190.72			2.89		197.38			2.19	
25	193.13			2.74		198.47			2.18	
30	195.30			2.61		199.45			2.17	
35	197.31			2.48		200.36			2.16	
40	199.21			2.36		201.22			2.15	
45	201.06			2.25		202.05			2.14	
50	202.87			2.13		202.87			2.13	
55	204.69			2.02		203.69			2.12	
60	206.53			1.90		204.52			2.11	
65	208.44			1.78		205.39			2.10	
70	210.44			1.66		206.29			2.09	
75	212.61			1.52		207.27			2.08	
80	215.03			1.37		208.36			2.07	
85	217.84			1.20		209.64			2.06	
90	221.38			0.97		211.24			2.04	

Table D.3.4: Language Usage Grade 5 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.58</i>			<i>SD</i>		<i>1.35</i>		
10	183.63		8.40			194.13		6.47		
15	187.25		7.91			195.75		6.35		
20	190.14		7.53			197.03		6.26		
25	192.61		7.20			198.14		6.18		
30	194.83		6.90			199.13		6.11		
35	196.89		6.62			200.05		6.04		
40	198.84		6.36			200.92		5.98		
45	200.73		6.11			201.76		5.92		
50	202.59		5.86			202.59		5.86		
55	204.45		5.61			203.42		5.80		
60	206.34		5.35			204.27		5.74		
65	208.30		5.09			205.14		5.67		
70	210.35		4.81			206.06		5.61		
75	212.58		4.52			207.05		5.53		
80	215.05		4.18			208.15		5.46		
85	217.93		3.80			209.44		5.36		
90	221.56		3.31			211.06		5.25		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.13</i>		<i>5.99</i>		<i>SD</i>	<i>1.83</i>		<i>1.69</i>	
10	185.98	1.94		8.14		196.47	-0.13		5.96	
15	189.61	1.42		7.58		198.09	-0.25		5.82	
20	192.49	1.01		7.14		199.38	-0.35		5.71	
25	194.97	0.65		6.77		200.49	-0.44		5.62	
30	197.19	0.34		6.43		201.48	-0.51		5.54	
35	199.25	0.04		6.11		202.40	-0.58		5.46	
40	201.20	-0.24		5.82		203.27	-0.65		5.39	
45	203.09	-0.51		5.53		204.12	-0.71		5.31	
50	204.95	-0.77		5.24		204.95	-0.77		5.24	
55	206.81	-1.04		4.96		205.78	-0.84		5.17	
60	208.70	-1.31		4.67		206.62	-0.90		5.10	
65	210.65	-1.59		4.37		207.50	-0.97		5.03	
70	212.71	-1.88		4.06		208.42	-1.04		4.95	
75	214.93	-2.20		3.72		209.41	-1.11		4.87	
80	217.40	-2.55		3.34		210.51	-1.19		4.77	
85	220.28	-2.97		2.90		211.80	-1.29		4.66	
90	223.91	-3.49		2.35		213.42	-1.41		4.53	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>4.86</i>	<i>6.10</i>	<i>6.55</i>	<i>SD</i>		<i>0.91</i>	<i>1.58</i>	<i>1.55</i>
10	185.53		6.12	8.66	6.56	196.00		4.49	6.40	5.51
15	189.10		5.77	8.15	6.29	197.56		4.45	6.33	5.45
20	191.93		5.49	7.75	6.09	198.80		4.42	6.27	5.40

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Language Usage Grade 5 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	194.36		5.25	7.41	5.91	199.87		4.39	6.22	5.35
30	196.55		5.03	7.10	5.74	200.83		4.36	6.17	5.32
35	198.57		4.83	6.81	5.60	201.72		4.34	6.13	5.28
40	200.49		4.64	6.54	5.45	202.56		4.32	6.09	5.25
45	202.35		4.46	6.28	5.32	203.37		4.30	6.05	5.21
50	204.17		4.27	6.02	5.18	204.17		4.27	6.02	5.18
55	206.00		4.09	5.76	5.05	204.98		4.25	5.98	5.15
60	207.86		3.91	5.49	4.91	205.79		4.23	5.94	5.12
65	209.78		3.72	5.22	4.77	206.63		4.21	5.90	5.08
70	211.80		3.52	4.94	4.62	207.52		4.19	5.86	5.05
75	213.99		3.30	4.63	4.46	208.48		4.16	5.82	5.01
80	216.42		3.06	4.28	4.28	209.54		4.13	5.77	4.97
85	219.25		2.78	3.88	4.07	210.79		4.10	5.71	4.92
90	222.82		2.43	3.38	3.81	212.35		4.06	5.63	4.86

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.64		<i>SD</i>			0.69	
10	190.54			2.86		200.41			1.78	
15	193.96			2.65		201.94			1.77	
20	196.69			2.48		203.17			1.77	
25	199.02			2.33		204.22			1.76	
30	201.12			2.20		205.16			1.76	
35	203.06			2.08		206.03			1.75	
40	204.91			1.96		206.86			1.75	
45	206.69			1.85		207.66			1.75	
50	208.45			1.74		208.45			1.74	
55	210.21			1.63		209.24			1.74	
60	211.99			1.52		210.04			1.73	
65	213.83			1.40		210.87			1.73	
70	215.78			1.28		211.74			1.73	
75	217.88			1.15		212.68			1.72	
80	220.21			1.00		213.73			1.72	
85	222.93			0.83		214.95			1.71	
90	226.36			0.62		216.49			1.70	

Table D.3.5: Language Usage Grade 6 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.52</i>			<i>SD</i>		<i>1.25</i>		
10	189.63		6.80			200.06		4.94		
15	193.23		6.32			201.67		4.83		
20	196.10		5.95			202.95		4.73		
25	198.56		5.63			204.05		4.65		
30	200.76		5.34			205.03		4.58		
35	202.81		5.07			205.95		4.51		
40	204.75		4.82			206.81		4.45		
45	206.63		4.57			207.65		4.39		
50	208.48		4.33			208.48		4.33		
55	210.33		4.09			209.30		4.27		
60	212.20		3.84			210.14		4.21		
65	214.15		3.59			211.01		4.14		
70	216.19		3.32			211.92		4.08		
75	218.40		3.03			212.91		4.00		
80	220.86		2.71			214.01		3.92		
85	223.72		2.33			215.29		3.83		
90	227.33		1.86			216.89		3.71		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.24</i>		<i>5.96</i>		<i>SD</i>	<i>1.76</i>		<i>1.54</i>	
10	191.25	2.31		6.79		201.76	-0.00		4.65	
15	194.89	1.70		6.24		203.39	-0.17		4.51	
20	197.78	1.22		5.80		204.69	-0.29		4.40	
25	200.26	0.81		5.42		205.80	-0.40		4.30	
30	202.49	0.44		5.09		206.80	-0.50		4.21	
35	204.56	0.10		4.77		207.72	-0.59		4.13	
40	206.52	-0.22		4.48		208.60	-0.68		4.05	
45	208.42	-0.54		4.19		209.45	-0.77		3.98	
50	210.28	-0.85		3.91		210.28	-0.85		3.91	
55	212.15	-1.16		3.62		211.12	-0.93		3.83	
60	214.04	-1.47		3.34		211.97	-1.01		3.76	
65	216.00	-1.80		3.04		212.84	-1.10		3.68	
70	218.07	-2.14		2.73		213.77	-1.19		3.60	
75	220.30	-2.51		2.39		214.77	-1.29		3.51	
80	222.78	-2.92		2.01		215.88	-1.40		3.42	
85	225.68	-3.40		1.58		217.17	-1.53		3.30	
90	229.32	-4.00		1.02		218.80	-1.69		3.16	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>4.86</i>	<i>6.11</i>	<i>6.26</i>	<i>SD</i>		<i>0.80</i>	<i>1.39</i>	<i>1.38</i>
10	191.04		5.05	7.08	5.59	201.43		3.48	4.94	4.48
15	194.56		4.73	6.64	5.30	202.96		3.46	4.90	4.41
20	197.35		4.47	6.28	5.08	204.18		3.44	4.87	4.35

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Language Usage Grade 6 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	199.75		4.25	5.98	4.88	205.22		3.43	4.85	4.30
30	201.91		4.06	5.71	4.71	206.16		3.41	4.83	4.25
35	203.90		3.88	5.46	4.55	207.03		3.40	4.81	4.21
40	205.80		3.70	5.21	4.39	207.85		3.39	4.79	4.17
45	207.63		3.54	4.98	4.24	208.65		3.38	4.77	4.14
50	209.43		3.37	4.75	4.10	209.43		3.37	4.75	4.10
55	211.24		3.21	4.53	3.95	210.22		3.36	4.74	4.06
60	213.07		3.04	4.29	3.81	211.02		3.35	4.72	4.02
65	214.96		2.87	4.05	3.65	211.84		3.34	4.70	3.99
70	216.96		2.69	3.80	3.49	212.71		3.33	4.68	3.94
75	219.12		2.49	3.53	3.32	213.65		3.32	4.66	3.90
80	221.51		2.27	3.22	3.12	214.69		3.30	4.63	3.85
85	224.31		2.02	2.87	2.90	215.91		3.29	4.61	3.79
90	227.83		1.70	2.42	2.61	217.44		3.27	4.57	3.72

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.64		<i>SD</i>			0.60	
10	194.96			2.38		204.84			1.36	
15	198.38			2.19		206.36			1.37	
20	201.09			2.03		207.58			1.37	
25	203.42			1.91		208.61			1.37	
30	205.51			1.79		209.55			1.37	
35	207.44			1.68		210.41			1.38	
40	209.28			1.58		211.23			1.38	
45	211.06			1.48		212.03			1.38	
50	212.81			1.38		212.81			1.38	
55	214.56			1.28		213.59			1.38	
60	216.33			1.19		214.38			1.39	
65	218.17			1.08		215.20			1.39	
70	220.11			0.98		216.07			1.39	
75	222.20			0.86		217.00			1.39	
80	224.52			0.73		218.04			1.40	
85	227.24			0.58		219.25			1.40	
90	230.65			0.39		220.77			1.40	

Table D.3.6: Language Usage Grade 7 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.22</i>			<i>SD</i>		<i>1.18</i>		
10	192.36		5.73			202.66		4.21		
15	196.05		5.33			204.38		4.11		
20	198.98		5.01			205.74		4.02		
25	201.49		4.74			206.91		3.95		
30	203.75		4.50			207.96		3.88		
35	205.84		4.27			208.93		3.82		
40	207.82		4.06			209.86		3.76		
45	209.74		3.85			210.75		3.70		
50	211.63		3.65			211.63		3.65		
55	213.52		3.44			212.51		3.59		
60	215.44		3.24			213.40		3.54		
65	217.42		3.02			214.33		3.48		
70	219.51		2.80			215.30		3.42		
75	221.77		2.55			216.35		3.35		
80	224.28		2.28			217.52		3.28		
85	227.21		1.97			218.88		3.19		
90	230.90		1.57			220.60		3.08		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>6.79</i>		<i>5.67</i>		<i>SD</i>	<i>1.76</i>		<i>1.44</i>	
10	193.58	2.34		5.90		204.04	0.24		4.12	
15	197.30	1.81		5.43		205.76	0.12		3.99	
20	200.27	1.39		5.05		207.13	0.02		3.88	
25	202.81	1.04		4.72		208.31	-0.07		3.79	
30	205.09	0.71		4.43		209.37	-0.14		3.70	
35	207.20	0.42		4.16		210.35	-0.22		3.63	
40	209.21	0.13		3.90		211.28	-0.28		3.55	
45	211.15	-0.14		3.66		212.18	-0.35		3.48	
50	213.06	-0.41		3.41		213.06	-0.41		3.41	
55	214.97	-0.68		3.17		213.94	-0.47		3.34	
60	216.91	-0.95		2.92		214.84	-0.54		3.27	
65	218.92	-1.24		2.66		215.77	-0.61		3.20	
70	221.03	-1.54		2.39		216.75	-0.68		3.12	
75	223.31	-1.86		2.10		217.81	-0.75		3.04	
80	225.85	-2.22		1.78		218.98	-0.84		2.95	
85	228.82	-2.63		1.40		220.36	-0.94		2.84	
90	232.54	-3.16		0.92		222.08	-1.06		2.70	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>4.76</i>	<i>5.81</i>	<i>5.82</i>	<i>SD</i>		<i>0.77</i>	<i>1.34</i>	<i>1.25</i>
10	193.79		4.08	5.77	5.12	203.98		2.82	4.16	4.04
15	197.40		3.80	5.40	4.85	205.64		2.78	4.09	3.98
20	200.26		3.58	5.10	4.64	206.95		2.75	4.04	3.93

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Language Usage Grade 7 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	202.72		3.39	4.85	4.45	208.09		2.73	4.00	3.88
30	204.93		3.22	4.62	4.29	209.10		2.71	3.96	3.84
35	206.98		3.06	4.41	4.13	210.04		2.69	3.92	3.81
40	208.92		2.92	4.21	3.99	210.93		2.67	3.89	3.77
45	210.80		2.77	4.01	3.85	211.80		2.65	3.86	3.74
50	212.65		2.63	3.82	3.71	212.65		2.63	3.82	3.71
55	214.50		2.49	3.63	3.57	213.50		2.61	3.79	3.68
60	216.38		2.34	3.44	3.43	214.36		2.59	3.76	3.64
65	218.32		2.19	3.24	3.28	215.26		2.57	3.72	3.61
70	220.37		2.03	3.03	3.13	216.20		2.55	3.69	3.57
75	222.58		1.87	2.80	2.96	217.21		2.53	3.65	3.53
80	225.04		1.68	2.54	2.78	218.34		2.50	3.60	3.49
85	227.90		1.46	2.25	2.57	219.66		2.47	3.55	3.44
90	231.51		1.18	1.87	2.30	221.32		2.44	3.49	3.38

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.56		<i>SD</i>			0.59	
10	196.83			2.11		206.74			1.25	
15	200.36			1.94		208.37			1.24	
20	203.16			1.80		209.67			1.23	
25	205.57			1.68		210.78			1.22	
30	207.73			1.57		211.78			1.22	
35	209.73			1.47		212.71			1.21	
40	211.63			1.38		213.59			1.21	
45	213.47			1.28		214.44			1.20	
50	215.28			1.19		215.28			1.19	
55	217.09			1.10		216.11			1.19	
60	218.92			1.01		216.97			1.18	
65	220.82			0.92		217.84			1.18	
70	222.83			0.82		218.77			1.17	
75	224.99			0.71		219.77			1.16	
80	227.39			0.59		220.88			1.16	
85	230.20			0.45		222.18			1.15	
90	233.72			0.28		223.82			1.14	

Table D.3.7: Language Usage Grade 8 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.66</i>			<i>SD</i>		<i>1.25</i>		
10	195.70		5.00			205.66		3.66		
15	199.30		4.66			207.36		3.58		
20	202.16		4.38			208.71		3.50		
25	204.62		4.15			209.86		3.44		
30	206.82		3.94			210.90		3.39		
35	208.87		3.74			211.86		3.34		
40	210.81		3.55			212.78		3.29		
45	212.69		3.37			213.66		3.24		
50	214.53		3.20			214.53		3.20		
55	216.38		3.02			215.40		3.15		
60	218.26		2.84			216.29		3.11		
65	220.20		2.66			217.20		3.06		
70	222.24		2.46			218.16		3.01		
75	224.45		2.25			219.20		2.95		
80	226.90		2.01			220.36		2.89		
85	229.77		1.74			221.71		2.82		
90	233.37		1.39			223.41		2.73		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>6.66</i>		<i>6.31</i>		<i>SD</i>	<i>1.34</i>		<i>1.58</i>	
10	196.68	2.01		5.24		206.81	0.19		3.64	
15	200.32	1.59		4.82		208.51	0.12		3.53	
20	203.21	1.26		4.48		209.86	0.07		3.43	
25	205.69	0.98		4.20		211.03	0.02		3.35	
30	207.92	0.72		3.94		212.07	-0.02		3.28	
35	209.99	0.49		3.70		213.03	-0.06		3.22	
40	211.95	0.26		3.47		213.95	-0.10		3.16	
45	213.84	0.04		3.25		214.84	-0.13		3.09	
50	215.71	-0.17		3.04		215.71	-0.17		3.04	
55	217.57	-0.38		2.82		216.58	-0.21		2.98	
60	219.47	-0.60		2.60		217.47	-0.24		2.92	
65	221.43	-0.83		2.37		218.38	-0.28		2.85	
70	223.49	-1.06		2.13		219.35	-0.32		2.79	
75	225.72	-1.32		1.88		220.39	-0.36		2.72	
80	228.20	-1.60		1.59		221.55	-0.41		2.64	
85	231.10	-1.93		1.25		222.90	-0.46		2.55	
90	234.74	-2.35		0.83		224.61	-0.53		2.43	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>4.91</i>	<i>6.20</i>	<i>6.51</i>	<i>SD</i>		<i>0.84</i>	<i>1.47</i>	<i>1.39</i>
10	196.65		3.67	5.20	2.92	206.83		2.41	3.59	2.72
15	200.26		3.39	4.82	2.86	208.50		2.37	3.51	2.70
20	203.13		3.16	4.52	2.81	209.82		2.33	3.45	2.68

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Language Usage Grade 8 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	205.60		2.97	4.26	2.76	210.96		2.31	3.41	2.66
30	207.81		2.80	4.02	2.72	211.98		2.28	3.36	2.64
35	209.86		2.64	3.81	2.69	212.92		2.26	3.32	2.63
40	211.80		2.48	3.60	2.65	213.82		2.23	3.28	2.61
45	213.69		2.34	3.40	2.62	214.69		2.21	3.24	2.60
50	215.54		2.19	3.21	2.59	215.54		2.19	3.21	2.59
55	217.39		2.05	3.01	2.56	216.39		2.17	3.17	2.58
60	219.27		1.90	2.81	2.52	217.26		2.15	3.13	2.56
65	221.22		1.75	2.60	2.49	218.16		2.13	3.09	2.55
70	223.27		1.59	2.39	2.45	219.10		2.10	3.05	2.53
75	225.48		1.41	2.15	2.41	220.12		2.08	3.01	2.52
80	227.94		1.22	1.89	2.37	221.26		2.05	2.96	2.50
85	230.81		1.00	1.59	2.32	222.58		2.02	2.90	2.48
90	234.43		0.72	1.21	2.25	224.24		1.97	2.83	2.46

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.67		<i>SD</i>			0.64	
10	199.22			1.85		209.17			1.07	
15	202.76			1.69		210.81			1.06	
20	205.57			1.56		212.11			1.05	
25	207.99			1.45		213.23			1.05	
30	210.15			1.35		214.23			1.04	
35	212.16			1.26		215.16			1.03	
40	214.07			1.18		216.04			1.03	
45	215.91			1.10		216.89			1.02	
50	217.73			1.01		217.73			1.01	
55	219.55			0.93		218.57			1.01	
60	221.39			0.85		219.42			1.00	
65	223.30			0.76		220.30			1.00	
70	225.31			0.67		221.23			0.99	
75	227.47			0.58		222.23			0.98	
80	229.89			0.47		223.35			0.97	
85	232.70			0.34		224.65			0.96	
90	236.24			0.18		226.29			0.95	

Table D.3.8: Language Usage Grade 9 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.44</i>			<i>SD</i>		<i>1.13</i>		
10	195.15		4.70			206.07		2.95		
15	199.10		4.27			207.92		2.85		
20	202.23		3.92			209.40		2.77		
25	204.92		3.62			210.66		2.70		
30	207.33		3.35			211.80		2.63		
35	209.57		3.10			212.85		2.57		
40	211.69		2.87			213.85		2.52		
45	213.75		2.64			214.82		2.47		
50	215.77		2.41			215.77		2.41		
55	217.79		2.19			216.72		2.36		
60	219.85		1.96			217.69		2.31		
65	221.97		1.72			218.69		2.25		
70	224.21		1.47			219.74		2.19		
75	226.62		1.21			220.88		2.13		
80	229.31		0.91			222.15		2.06		
85	232.45		0.56			223.62		1.98		
90	236.39		0.12			225.48		1.87		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.15</i>		<i>6.09</i>		<i>SD</i>	<i>1.89</i>		<i>1.42</i>	
10	195.19	4.57		5.54		206.79	0.81		3.12	
15	199.29	3.70		4.93		208.68	0.66		2.97	
20	202.55	3.01		4.45		210.18	0.54		2.86	
25	205.35	2.42		4.03		211.46	0.44		2.76	
30	207.86	1.89		3.66		212.62	0.35		2.67	
35	210.19	1.40		3.31		213.68	0.27		2.59	
40	212.40	0.93		2.99		214.70	0.19		2.51	
45	214.54	0.48		2.67		215.68	0.11		2.43	
50	216.65	0.03		2.36		216.65	0.03		2.36	
55	218.75	-0.41		2.05		217.61	-0.04		2.28	
60	220.89	-0.86		1.73		218.59	-0.12		2.21	
65	223.10	-1.33		1.40		219.61	-0.20		2.13	
70	225.43	-1.82		1.06		220.68	-0.29		2.05	
75	227.94	-2.35		0.68		221.83	-0.38		1.96	
80	230.74	-2.95		0.27		223.12	-0.48		1.86	
85	234.00	-3.63		-0.22		224.61	-0.60		1.75	
90	238.11	-4.50		-0.83		226.50	-0.75		1.60	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.06</i>	<i>6.53</i>	<i>6.24</i>	<i>SD</i>		<i>0.81</i>	<i>1.41</i>	<i>1.25</i>
10	196.79		2.89	4.19	3.98	207.29		1.67	2.62	2.59
15	200.59		2.62	3.83	3.66	209.08		1.64	2.56	2.53
20	203.62		2.41	3.55	3.40	210.51		1.62	2.52	2.49

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Language Usage Grade 9 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	206.21		2.23	3.31	3.18	211.74		1.59	2.48	2.45
30	208.54		2.07	3.09	2.98	212.84		1.57	2.45	2.41
35	210.70		1.92	2.89	2.80	213.85		1.56	2.41	2.38
40	212.75		1.78	2.69	2.62	214.82		1.54	2.38	2.35
45	214.73		1.64	2.51	2.46	215.76		1.52	2.35	2.32
50	216.68		1.50	2.33	2.29	216.68		1.50	2.33	2.29
55	218.63		1.37	2.14	2.12	217.60		1.49	2.30	2.26
60	220.61		1.23	1.96	1.96	218.54		1.47	2.27	2.23
65	222.66		1.09	1.77	1.78	219.50		1.45	2.24	2.20
70	224.82		0.94	1.56	1.60	220.52		1.44	2.20	2.17
75	227.15		0.78	1.34	1.40	221.62		1.42	2.17	2.13
80	229.74		0.60	1.10	1.18	222.85		1.39	2.13	2.09
85	232.76		0.39	0.82	0.92	224.27		1.37	2.09	2.05
90	236.57		0.12	0.46	0.60	226.07		1.34	2.03	1.99

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.76		<i>SD</i>			0.61	
10	198.57			1.51		208.90			0.86	
15	202.32			1.38		210.68			0.85	
20	205.31			1.27		212.09			0.85	
25	207.86			1.18		213.30			0.84	
30	210.16			1.10		214.39			0.84	
35	212.29			1.03		215.39			0.83	
40	214.31			0.96		216.35			0.83	
45	216.26			0.89		217.27			0.82	
50	218.18			0.82		218.18			0.82	
55	220.11			0.75		219.09			0.82	
60	222.06			0.68		220.02			0.81	
65	224.08			0.61		220.97			0.81	
70	226.21			0.54		221.98			0.80	
75	228.50			0.46		223.07			0.80	
80	231.06			0.37		224.28			0.79	
85	234.04			0.26		225.69			0.79	
90	237.79			0.13		227.46			0.78	

Table D.3.9: Language Usage Grade 10 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.61</i>			<i>SD</i>		<i>1.16</i>		
10	198.90		3.30			209.54		2.15		
15	202.58		3.06			211.19		2.12		
20	205.51		2.86			212.50		2.10		
25	208.02		2.70			213.62		2.09		
30	210.28		2.55			214.63		2.07		
35	212.37		2.41			215.57		2.06		
40	214.35		2.28			216.46		2.05		
45	216.27		2.15			217.32		2.04		
50	218.16		2.03			218.16		2.03		
55	220.05		1.90			219.01		2.01		
60	221.97		1.77			219.86		2.00		
65	223.95		1.64			220.75		1.99		
70	226.04		1.50			221.69		1.98		
75	228.30		1.35			222.70		1.96		
80	230.81		1.19			223.82		1.95		
85	233.74		0.99			225.13		1.93		
90	237.42		0.75			226.78		1.90		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>6.75</i>		<i>6.59</i>		<i>SD</i>	<i>1.74</i>		<i>1.56</i>	
10	198.96	2.54		3.98		210.00	0.50		2.36	
15	202.75	2.07		3.62		211.68	0.41		2.31	
20	205.76	1.69		3.33		213.01	0.34		2.27	
25	208.34	1.36		3.09		214.15	0.28		2.24	
30	210.66	1.07		2.87		215.18	0.23		2.20	
35	212.81	0.80		2.66		216.13	0.18		2.18	
40	214.85	0.54		2.47		217.03	0.14		2.15	
45	216.82	0.29		2.28		217.91	0.09		2.12	
50	218.76	0.05		2.09		218.76	0.05		2.09	
55	220.71	-0.19		1.91		219.62	0.01		2.07	
60	222.68	-0.44		1.72		220.50	-0.04		2.04	
65	224.72	-0.70		1.53		221.40	-0.08		2.01	
70	226.87	-0.97		1.32		222.35	-0.13		1.99	
75	229.19	-1.26		1.10		223.38	-0.18		1.95	
80	231.77	-1.59		0.86		224.52	-0.24		1.92	
85	234.78	-1.97		0.57		225.85	-0.31		1.88	
90	238.57	-2.44		0.21		227.53	-0.40		1.83	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.01</i>	<i>6.38</i>	<i>6.15</i>	<i>SD</i>		<i>0.80</i>	<i>1.41</i>	<i>1.15</i>
10	199.46		2.45	3.36	1.92	210.21		1.41	2.11	1.67
15	203.16		2.24	3.11	1.89	211.85		1.40	2.10	1.68
20	206.11		2.08	2.91	1.86	213.16		1.40	2.09	1.70

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Language Usage Grade 10 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	208.63		1.94	2.74	1.84	214.28		1.39	2.08	1.71
30	210.90		1.81	2.58	1.82	215.29		1.39	2.07	1.71
35	213.00		1.70	2.44	1.80	216.23		1.38	2.07	1.72
40	214.99		1.58	2.30	1.78	217.11		1.38	2.06	1.73
45	216.92		1.48	2.17	1.76	217.97		1.37	2.05	1.74
50	218.82		1.37	2.04	1.74	218.82		1.37	2.04	1.74
55	220.71		1.27	1.92	1.73	219.66		1.37	2.04	1.75
60	222.64		1.16	1.79	1.71	220.52		1.36	2.03	1.76
65	224.63		1.05	1.65	1.69	221.40		1.36	2.02	1.77
70	226.73		0.93	1.51	1.67	222.34		1.35	2.02	1.77
75	229.00		0.80	1.35	1.65	223.35		1.35	2.01	1.78
80	231.52		0.66	1.18	1.63	224.47		1.34	2.00	1.79
85	234.47		0.50	0.98	1.60	225.78		1.34	1.99	1.80
90	238.17		0.29	0.73	1.56	227.42		1.33	1.98	1.82

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.71		<i>SD</i>			0.60	
10	200.82			1.18		211.56			0.61	
15	204.52			1.08		213.21			0.62	
20	207.47			1.01		214.52			0.63	
25	209.99			0.94		215.64			0.64	
30	212.26			0.88		216.65			0.65	
35	214.36			0.83		217.59			0.65	
40	216.36			0.77		218.48			0.66	
45	218.29			0.72		219.34			0.67	
50	220.19			0.67		220.19			0.67	
55	222.09			0.62		221.03			0.68	
60	224.01			0.57		221.89			0.69	
65	226.01			0.52		222.78			0.69	
70	228.11			0.47		223.72			0.70	
75	230.38			0.41		224.73			0.71	
80	232.90			0.34		225.85			0.71	
85	235.85			0.27		227.17			0.72	
90	239.55			0.17		228.82			0.74	

Table D.3.10: Language Usage Grade 11 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.02</i>			<i>SD</i>		<i>1.25</i>		
10	201.27		3.00			211.62		2.04		
15	204.86		2.78			213.23		2.00		
20	207.71		2.60			214.51		1.97		
25	210.15		2.45			215.60		1.94		
30	212.35		2.31			216.58		1.92		
35	214.38		2.19			217.50		1.90		
40	216.31		2.07			218.36		1.88		
45	218.18		1.95			219.20		1.86		
50	220.02		1.84			220.02		1.84		
55	221.86		1.72			220.84		1.82		
60	223.73		1.61			221.68		1.80		
65	225.66		1.49			222.54		1.77		
70	227.69		1.36			223.46		1.75		
75	229.89		1.22			224.44		1.73		
80	232.33		1.07			225.53		1.70		
85	235.18		0.89			226.81		1.67		
90	238.77		0.67			228.42		1.63		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>6.96</i>		<i>7.36</i>		<i>SD</i>	<i>1.73</i>		<i>1.61</i>	
10	201.27	2.44		3.53		212.10	0.49		2.03	
15	204.96	2.00		3.20		213.72	0.42		1.98	
20	207.89	1.64		2.93		215.00	0.36		1.94	
25	210.41	1.34		2.70		216.11	0.31		1.91	
30	212.66	1.06		2.49		217.10	0.26		1.88	
35	214.76	0.81		2.30		218.01	0.22		1.85	
40	216.74	0.57		2.12		218.88	0.18		1.82	
45	218.66	0.34		1.95		219.73	0.14		1.80	
50	220.56	0.11		1.77		220.56	0.11		1.77	
55	222.45	-0.12		1.60		221.38	0.07		1.75	
60	224.37	-0.36		1.43		222.23	0.03		1.72	
65	226.35	-0.60		1.24		223.10	-0.01		1.70	
70	228.45	-0.85		1.05		224.02	-0.05		1.67	
75	230.71	-1.12		0.85		225.01	-0.10		1.64	
80	233.22	-1.43		0.62		226.11	-0.15		1.60	
85	236.15	-1.78		0.35		227.39	-0.21		1.56	
90	239.84	-2.23		0.01		229.01	-0.28		1.51	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.40</i>	<i>7.31</i>	<i>6.81</i>	<i>SD</i>		<i>0.97</i>	<i>1.70</i>	<i>1.29</i>
10	201.51		2.43	3.25	-0.06	212.29		1.31	1.87	0.50
15	205.17		2.20	2.95	0.05	213.89		1.29	1.83	0.50
20	208.09		2.01	2.71	0.14	215.16		1.27	1.80	0.50

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Language Usage Grade 11 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	210.58		1.85	2.50	0.21	216.26		1.26	1.77	0.51
30	212.83		1.70	2.32	0.28	217.24		1.24	1.75	0.51
35	214.90		1.57	2.14	0.34	218.14		1.23	1.73	0.51
40	216.88		1.44	1.98	0.40	219.01		1.22	1.71	0.51
45	218.78		1.32	1.82	0.45	219.84		1.21	1.69	0.51
50	220.66		1.20	1.67	0.51	220.66		1.20	1.67	0.51
55	222.54		1.07	1.51	0.56	221.48		1.18	1.65	0.51
60	224.45		0.95	1.35	0.62	222.32		1.17	1.63	0.51
65	226.42		0.82	1.19	0.68	223.18		1.16	1.61	0.51
70	228.50		0.69	1.02	0.74	224.09		1.15	1.58	0.51
75	230.74		0.54	0.83	0.81	225.07		1.13	1.56	0.51
80	233.24		0.38	0.63	0.88	226.16		1.12	1.53	0.51
85	236.15		0.20	0.38	0.97	227.43		1.10	1.50	0.52
90	239.81		-0.04	0.08	1.08	229.03		1.08	1.46	0.52

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			4.97		<i>SD</i>			0.73	
10	202.66			0.82		213.51			0.42	
15	206.33			0.75		215.11			0.43	
20	209.25			0.70		216.37			0.44	
25	211.75			0.65		217.46			0.44	
30	214.00			0.61		218.44			0.45	
35	216.08			0.58		219.35			0.46	
40	218.06			0.54		220.21			0.46	
45	219.97			0.51		221.04			0.47	
50	221.86			0.47		221.86			0.47	
55	223.74			0.44		222.67			0.48	
60	225.65			0.40		223.51			0.48	
65	227.63			0.37		224.37			0.49	
70	229.71			0.33		225.27			0.49	
75	231.96			0.29		226.25			0.50	
80	234.47			0.25		227.34			0.51	
85	237.38			0.19		228.61			0.51	
90	241.06			0.13		230.20			0.52	

Appendix D.4 - Science

Table D.4.1: Science Grade 2 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.04</i>			<i>SD</i>		<i>1.48</i>		
10	153.17		17.61			163.59		13.78		
15	156.76		16.66			165.19		13.56		
20	159.62		15.90			166.46		13.38		
25	162.07		15.25			167.55		13.23		
30	164.27		14.67			168.53		13.10		
35	166.31		14.13			169.44		12.97		
40	168.25		13.61			170.31		12.85		
45	170.12		13.11			171.14		12.74		
50	171.96		12.63			171.96		12.63		
55	173.80		12.14			172.78		12.51		
60	175.68		11.64			173.62		12.40		
65	177.61		11.13			174.48		12.28		
70	179.65		10.58			175.39		12.15		
75	181.85		10.00			176.37		12.02		
80	184.30		9.35			177.46		11.87		
85	187.16		8.59			178.73		11.69		
90	190.75		7.64			180.33		11.47		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>10.22</i>		<i>6.49</i>		<i>SD</i>	<i>2.64</i>		<i>1.72</i>	
10	156.14	10.39		18.11		167.60	3.29		13.03	
15	159.97	8.69		16.88		169.24	2.95		12.77	
20	163.02	7.35		15.91		170.54	2.69		12.57	
25	165.63	6.19		15.07		171.66	2.46		12.40	
30	167.98	5.15		14.32		172.67	2.25		12.24	
35	170.15	4.19		13.63		173.60	2.06		12.10	
40	172.21	3.28		12.97		174.48	1.88		11.96	
45	174.21	2.40		12.33		175.33	1.70		11.83	
50	176.17	1.53		11.70		176.17	1.53		11.70	
55	178.14	0.66		11.07		177.01	1.36		11.57	
60	180.13	-0.22		10.44		177.87	1.18		11.44	
65	182.20	-1.13		9.78		178.75	1.00		11.30	
70	184.37	-2.09		9.08		179.68	0.81		11.16	
75	186.72	-3.13		8.33		180.68	0.61		11.01	
80	189.33	-4.28		7.50		181.80	0.38		10.83	
85	192.37	-5.63		6.52		183.10	0.11		10.63	
90	196.20	-7.32		5.30		184.74	-0.23		10.38	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.16</i>	<i>8.15</i>	<i>7.82</i>	<i>SD</i>		<i>1.19</i>	<i>2.08</i>	<i>2.00</i>
10	160.49		10.38	15.32	15.64	170.10		7.18	10.69	11.44

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Science Grade 2 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
15	163.78		9.71	14.33	14.67	171.55		7.12	10.59	11.27
20	166.40		9.18	13.55	13.89	172.71		7.08	10.51	11.13
25	168.64		8.72	12.88	13.23	173.70		7.04	10.44	11.02
30	170.66		8.31	12.28	12.63	174.59		7.00	10.38	10.91
35	172.53		7.94	11.72	12.08	175.42		6.97	10.33	10.82
40	174.30		7.57	11.19	11.55	176.20		6.94	10.27	10.72
45	176.02		7.23	10.68	11.05	176.96		6.91	10.22	10.63
50	177.70		6.88	10.17	10.55	177.70		6.88	10.17	10.55
55	179.39		6.54	9.67	10.05	178.45		6.85	10.12	10.46
60	181.11		6.19	9.15	9.54	179.21		6.82	10.07	10.37
65	182.88		5.83	8.62	9.01	179.99		6.79	10.02	10.28
70	184.75		5.45	8.07	8.46	180.81		6.76	9.96	10.18
75	186.76		5.04	7.46	7.86	181.71		6.73	9.90	10.07
80	189.01		4.58	6.79	7.20	182.70		6.69	9.83	9.96
85	191.63		4.05	6.01	6.42	183.85		6.64	9.76	9.82
90	194.92		3.38	5.03	5.45	185.31		6.59	9.66	9.65

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.96		<i>SD</i>			0.91	
10	168.76			5.10		177.12			3.27	
15	171.79			4.75		178.55			3.27	
20	174.19			4.48		179.68			3.28	
25	176.26			4.24		180.66			3.28	
30	178.11			4.03		181.53			3.28	
35	179.83			3.83		182.34			3.28	
40	181.46			3.65		183.11			3.28	
45	183.03			3.47		183.85			3.29	
50	184.59			3.29		184.59			3.29	
55	186.14			3.11		185.32			3.29	
60	187.71			2.93		186.06			3.29	
65	189.34			2.74		186.83			3.29	
70	191.06			2.55		187.64			3.30	
75	192.92			2.34		188.52			3.30	
80	194.98			2.10		189.49			3.30	
85	197.38			1.83		190.62			3.30	
90	200.41			1.48		192.05			3.31	

Table D.4.2: Science Grade 3 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.07</i>			<i>SD</i>		<i>1.66</i>		
10	166.75		13.82			175.36		10.89		
15	169.88		13.12			176.85		10.75		
20	172.37		12.56			178.03		10.63		
25	174.51		12.09			179.04		10.54		
30	176.43		11.66			179.95		10.45		
35	178.20		11.26			180.79		10.37		
40	179.89		10.88			181.59		10.30		
45	181.52		10.52			182.37		10.23		
50	183.13		10.16			183.13		10.16		
55	184.74		9.80			183.89		10.08		
60	186.37		9.43			184.67		10.01		
65	188.06		9.05			185.47		9.94		
70	189.84		8.65			186.31		9.86		
75	191.75		8.22			187.22		9.77		
80	193.89		7.75			188.23		9.68		
85	196.38		7.19			189.42		9.57		
90	199.51		6.49			190.90		9.43		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.91</i>		<i>6.54</i>		<i>SD</i>	<i>3.70</i>		<i>2.24</i>	
10	169.22	7.84		14.14		178.22	3.67		10.78	
15	172.50	6.62		13.25		179.78	3.24		10.53	
20	175.11	5.64		12.54		181.02	2.91		10.34	
25	177.35	4.81		11.94		182.09	2.62		10.17	
30	179.36	4.06		11.39		183.05	2.36		10.02	
35	181.23	3.37		10.89		183.93	2.12		9.88	
40	183.00	2.71		10.41		184.77	1.89		9.75	
45	184.71	2.08		9.95		185.59	1.67		9.62	
50	186.39	1.45		9.49		186.39	1.45		9.49	
55	188.07	0.82		9.03		187.19	1.23		9.36	
60	189.78	0.19		8.57		188.01	1.01		9.24	
65	191.55	-0.47		8.09		188.85	0.78		9.10	
70	193.41	-1.16		7.59		189.73	0.54		8.96	
75	195.43	-1.91		7.04		190.69	0.28		8.81	
80	197.66	-2.74		6.44		191.76	-0.01		8.64	
85	200.27	-3.71		5.73		193.00	-0.34		8.45	
90	203.56	-4.94		4.84		194.56	-0.77		8.20	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.78</i>	<i>7.17</i>	<i>7.28</i>	<i>SD</i>		<i>1.37</i>	<i>2.40</i>	<i>1.91</i>
10	172.14		8.21	11.80	10.98	180.23		5.91	8.86	8.30
15	175.14		7.68	11.08	10.34	181.69		5.83	8.70	8.17
20	177.53		7.26	10.51	9.83	182.84		5.75	8.58	8.07

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Science Grade 3 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	179.57		6.90	10.02	9.39	183.83		5.69	8.47	7.98
30	181.41		6.58	9.58	9.00	184.73		5.64	8.38	7.90
35	183.12		6.28	9.17	8.63	185.55		5.59	8.29	7.83
40	184.74		5.99	8.78	8.29	186.34		5.54	8.20	7.76
45	186.30		5.72	8.41	7.96	187.09		5.49	8.12	7.69
50	187.84		5.45	8.04	7.63	187.84		5.45	8.04	7.63
55	189.38		5.18	7.67	7.30	188.59		5.40	7.96	7.56
60	190.94		4.90	7.30	6.96	189.34		5.35	7.88	7.49
65	192.56		4.61	6.91	6.62	190.13		5.31	7.79	7.42
70	194.27		4.31	6.50	6.25	190.95		5.25	7.70	7.35
75	196.11		3.99	6.06	5.86	191.85		5.20	7.61	7.27
80	198.15		3.63	5.57	5.42	192.84		5.14	7.50	7.19
85	200.54		3.21	5.00	4.91	193.99		5.07	7.38	7.08
90	203.54		2.68	4.28	4.27	195.45		4.98	7.22	6.96

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.63		<i>SD</i>			1.07	
10	178.38			4.27		185.93			2.62	
15	181.23			3.95		187.34			2.61	
20	183.50			3.70		188.46			2.61	
25	185.44			3.48		189.42			2.61	
30	187.19			3.28		190.28			2.60	
35	188.80			3.10		191.07			2.60	
40	190.34			2.93		191.83			2.60	
45	191.82			2.76		192.56			2.60	
50	193.29			2.59		193.29			2.59	
55	194.75			2.43		194.01			2.59	
60	196.23			2.26		194.74			2.59	
65	197.77			2.09		195.50			2.59	
70	199.39			1.91		196.30			2.58	
75	201.13			1.71		197.16			2.58	
80	203.08			1.49		198.12			2.58	
85	205.34			1.23		199.23			2.57	
90	208.20			0.91		200.64			2.57	

Table D.4.3: Science Grade 4 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.03</i>			<i>SD</i>		<i>1.66</i>		
10	177.09		9.50			184.72		7.52		
15	179.94		9.05			186.11		7.45		
20	182.21		8.69			187.22		7.39		
25	184.16		8.38			188.17		7.34		
30	185.90		8.11			189.02		7.30		
35	187.52		7.85			189.81		7.26		
40	189.06		7.61			190.56		7.22		
45	190.54		7.37			191.29		7.18		
50	192.00		7.14			192.00		7.14		
55	193.47		6.91			192.72		7.11		
60	194.95		6.68			193.44		7.07		
65	196.49		6.43			194.19		7.03		
70	198.11		6.18			194.98		6.99		
75	199.85		5.90			195.84		6.94		
80	201.80		5.59			196.79		6.89		
85	204.06		5.23			197.90		6.84		
90	206.92		4.78			199.29		6.76		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.60</i>		<i>6.51</i>		<i>SD</i>	<i>3.06</i>		<i>2.24</i>	
10	178.66	4.62		10.03		186.47	2.11		7.90	
15	181.63	3.83		9.45		187.95	1.80		7.74	
20	183.99	3.19		9.00		189.12	1.54		7.60	
25	186.02	2.65		8.61		190.13	1.33		7.49	
30	187.83	2.16		8.26		191.03	1.14		7.39	
35	189.52	1.71		7.93		191.87	0.96		7.29	
40	191.12	1.28		7.62		192.66	0.79		7.20	
45	192.67	0.87		7.33		193.43	0.62		7.12	
50	194.19	0.46		7.03		194.19	0.46		7.03	
55	195.71	0.05		6.74		194.95	0.30		6.95	
60	197.26	-0.36		6.44		195.71	0.13		6.86	
65	198.86	-0.79		6.13		196.51	-0.04		6.77	
70	200.54	-1.24		5.81		197.35	-0.21		6.67	
75	202.36	-1.73		5.46		198.25	-0.41		6.57	
80	204.39	-2.27		5.07		199.26	-0.62		6.46	
85	206.75	-2.91		4.61		200.43	-0.87		6.33	
90	209.72	-3.70		4.04		201.91	-1.19		6.16	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.61</i>	<i>6.64</i>	<i>6.57</i>	<i>SD</i>		<i>1.16</i>	<i>2.03</i>	<i>1.68</i>
10	179.68		6.59	9.11	7.84	187.42		4.66	6.85	6.45
15	182.55		6.19	8.62	7.56	188.80		4.63	6.79	6.43
20	184.82		5.87	8.24	7.33	189.90		4.60	6.75	6.42

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Science Grade 4 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	186.77		5.60	7.91	7.14	190.84		4.58	6.72	6.41
30	188.53		5.35	7.61	6.96	191.69		4.56	6.68	6.40
35	190.15		5.13	7.33	6.80	192.48		4.54	6.65	6.39
40	191.69		4.91	7.07	6.65	193.22		4.53	6.63	6.38
45	193.18		4.70	6.82	6.50	193.94		4.51	6.60	6.37
50	194.65		4.50	6.57	6.36	194.65		4.50	6.57	6.36
55	196.12		4.29	6.32	6.21	195.36		4.48	6.54	6.35
60	197.61		4.08	6.07	6.06	196.08		4.47	6.52	6.34
65	199.15		3.87	5.81	5.91	196.82		4.45	6.49	6.33
70	200.77		3.64	5.53	5.75	197.61		4.43	6.46	6.32
75	202.52		3.40	5.24	5.58	198.45		4.41	6.42	6.31
80	204.48		3.12	4.90	5.38	199.40		4.39	6.39	6.30
85	206.75		2.80	4.52	5.16	200.49		4.37	6.35	6.28
90	209.61		2.40	4.03	4.88	201.88		4.34	6.29	6.26

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.47		<i>SD</i>			0.87	
10	184.41			3.49		191.92			1.96	
15	187.23			3.22		193.30			1.98	
20	189.47			3.00		194.40			2.00	
25	191.39			2.82		195.34			2.01	
30	193.11			2.65		196.19			2.03	
35	194.71			2.50		196.97			2.04	
40	196.23			2.35		197.72			2.05	
45	197.70			2.21		198.44			2.06	
50	199.15			2.07		199.15			2.07	
55	200.59			1.93		199.85			2.08	
60	202.06			1.79		200.57			2.10	
65	203.58			1.65		201.32			2.11	
70	205.18			1.49		202.10			2.12	
75	206.90			1.33		202.95			2.13	
80	208.83			1.14		203.89			2.15	
85	211.07			0.93		204.99			2.17	
90	213.89			0.66		206.37			2.19	

Table D.4.4: Science Grade 5 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.07</i>			<i>SD</i>		<i>1.66</i>		
10	183.64		7.81			191.35		5.81		
15	186.53		7.38			192.77		5.76		
20	188.83		7.03			193.89		5.72		
25	190.80		6.74			194.86		5.69		
30	192.57		6.47			195.73		5.65		
35	194.21		6.23			196.53		5.63		
40	195.77		5.99			197.29		5.60		
45	197.28		5.77			198.03		5.57		
50	198.76		5.54			198.76		5.54		
55	200.24		5.32			199.48		5.52		
60	201.75		5.10			200.22		5.49		
65	203.30		4.86			200.98		5.46		
70	204.94		4.62			201.79		5.43		
75	206.71		4.35			202.66		5.40		
80	208.68		4.05			203.62		5.37		
85	210.98		3.71			204.75		5.33		
90	213.87		3.28			206.16		5.27		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.54</i>		<i>6.58</i>		<i>SD</i>	<i>2.60</i>		<i>2.44</i>	
10	185.03	3.61		8.10		193.13	0.54		5.98	
15	188.07	2.78		7.55		194.63	0.30		5.83	
20	190.49	2.13		7.11		195.81	0.11		5.72	
25	192.57	1.56		6.74		196.83	-0.06		5.62	
30	194.43	1.06		6.40		197.75	-0.20		5.53	
35	196.16	0.59		6.09		198.59	-0.34		5.45	
40	197.80	0.14		5.80		199.40	-0.47		5.38	
45	199.38	-0.29		5.51		200.18	-0.59		5.30	
50	200.94	-0.72		5.23		200.94	-0.72		5.23	
55	202.50	-1.14		4.95		201.71	-0.84		5.16	
60	204.09	-1.57		4.66		202.49	-0.96		5.08	
65	205.73	-2.02		4.37		203.29	-1.09		5.00	
70	207.45	-2.49		4.05		204.14	-1.23		4.92	
75	209.32	-3.00		3.72		205.05	-1.38		4.83	
80	211.39	-3.56		3.34		206.07	-1.54		4.74	
85	213.81	-4.22		2.91		207.26	-1.73		4.62	
90	216.86	-5.05		2.36		208.75	-1.97		4.48	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.74</i>	<i>6.97</i>	<i>6.57</i>	<i>SD</i>		<i>1.22</i>	<i>2.13</i>	<i>1.63</i>
10	185.14		6.07	8.32	4.94	192.87		4.15	6.07	3.72
15	188.03		5.69	7.87	4.74	194.28		4.13	6.05	3.75
20	190.32		5.39	7.51	4.59	195.40		4.12	6.03	3.78

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Science Grade 5 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	192.29		5.13	7.20	4.45	196.36		4.11	6.01	3.80
30	194.05		4.89	6.92	4.33	197.22		4.11	6.00	3.83
35	195.69		4.68	6.66	4.21	198.01		4.10	5.98	3.85
40	197.24		4.47	6.42	4.11	198.77		4.09	5.97	3.86
45	198.75		4.27	6.18	4.00	199.50		4.08	5.96	3.88
50	200.23		4.08	5.95	3.90	200.23		4.08	5.95	3.90
55	201.70		3.88	5.71	3.80	200.95		4.07	5.93	3.92
60	203.21		3.68	5.47	3.69	201.68		4.06	5.92	3.94
65	204.76		3.48	5.23	3.59	202.44		4.05	5.91	3.96
70	206.40		3.26	4.97	3.47	203.23		4.05	5.89	3.98
75	208.16		3.02	4.69	3.35	204.10		4.04	5.88	4.00
80	210.13		2.76	4.38	3.22	205.05		4.03	5.86	4.02
85	212.43		2.46	4.02	3.06	206.17		4.02	5.84	4.05
90	215.31		2.08	3.57	2.86	207.58		4.00	5.82	4.08

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.57		<i>SD</i>			0.90	
10	189.29			3.09		196.86			1.68	
15	192.16			2.86		198.28			1.71	
20	194.44			2.67		199.41			1.74	
25	196.40			2.51		200.38			1.77	
30	198.16			2.37		201.25			1.79	
35	199.79			2.24		202.06			1.81	
40	201.33			2.11		202.83			1.83	
45	202.83			1.99		203.57			1.85	
50	204.30			1.87		204.30			1.87	
55	205.77			1.75		205.03			1.89	
60	207.27			1.63		205.77			1.91	
65	208.82			1.50		206.54			1.93	
70	210.45			1.37		207.35			1.95	
75	212.20			1.23		208.22			1.97	
80	214.16			1.07		209.19			1.99	
85	216.44			0.88		210.32			2.02	
90	219.32			0.65		211.75			2.06	

Table D.4.5: Science Grade 6 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.17</i>			<i>SD</i>		<i>1.70</i>		
10	187.37		6.68			195.10		4.66		
15	190.44		6.13			196.69		4.50		
20	192.88		5.70			197.96		4.38		
25	194.97		5.33			199.04		4.27		
30	196.85		5.00			200.01		4.18		
35	198.59		4.69			200.92		4.09		
40	200.25		4.40			201.77		4.00		
45	201.85		4.12			202.60		3.92		
50	203.42		3.84			203.42		3.84		
55	204.99		3.56			204.24		3.76		
60	206.59		3.28			205.06		3.68		
65	208.24		2.99			205.92		3.59		
70	209.99		2.68			206.82		3.50		
75	211.87		2.35			207.80		3.41		
80	213.96		1.98			208.88		3.30		
85	216.40		1.55			210.15		3.18		
90	219.47		1.00			211.74		3.02		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.62</i>		<i>6.55</i>		<i>SD</i>	<i>2.49</i>		<i>2.07</i>	
10	187.80	4.12		7.16		195.99	0.73		4.92	
15	191.07	3.14		6.48		197.69	0.39		4.67	
20	193.66	2.36		5.94		199.04	0.13		4.46	
25	195.89	1.69		5.47		200.20	-0.10		4.29	
30	197.89	1.09		5.05		201.24	-0.30		4.14	
35	199.74	0.53		4.67		202.20	-0.49		3.99	
40	201.50	0.00		4.30		203.12	-0.67		3.86	
45	203.20	-0.51		3.94		204.00	-0.84		3.72	
50	204.87	-1.01		3.59		204.87	-1.01		3.59	
55	206.55	-1.51		3.24		205.74	-1.18		3.46	
60	208.25	-2.03		2.89		206.63	-1.35		3.33	
65	210.01	-2.55		2.52		207.54	-1.53		3.20	
70	211.86	-3.11		2.13		208.51	-1.72		3.05	
75	213.86	-3.71		1.72		209.55	-1.93		2.90	
80	216.08	-4.38		1.25		210.70	-2.15		2.72	
85	218.68	-5.16		0.71		212.05	-2.42		2.52	
90	221.94	-6.14		0.03		213.75	-2.75		2.27	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.72</i>	<i>6.89</i>	<i>6.81</i>	<i>SD</i>		<i>1.21</i>	<i>2.12</i>	<i>2.05</i>
10	188.44		5.28	6.80	4.65	196.04		3.56	4.89	3.31
15	191.39		4.92	6.38	4.42	197.54		3.53	4.84	3.34
20	193.73		4.63	6.05	4.25	198.73		3.51	4.80	3.37

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Science Grade 6 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	195.74		4.39	5.76	4.09	199.75		3.48	4.76	3.39
30	197.55		4.17	5.51	3.95	200.66		3.47	4.72	3.41
35	199.22		3.96	5.27	3.83	201.51		3.45	4.69	3.42
40	200.81		3.77	5.04	3.71	202.32		3.43	4.66	3.44
45	202.35		3.58	4.82	3.59	203.10		3.41	4.63	3.46
50	203.86		3.40	4.61	3.47	203.86		3.40	4.61	3.47
55	205.38		3.21	4.39	3.36	204.63		3.38	4.58	3.49
60	206.91		3.03	4.17	3.24	205.41		3.36	4.55	3.51
65	208.50		2.83	3.94	3.12	206.21		3.35	4.52	3.52
70	210.17		2.63	3.71	2.99	207.06		3.33	4.49	3.54
75	211.98		2.41	3.45	2.86	207.98		3.31	4.45	3.56
80	213.99		2.16	3.16	2.70	209.00		3.29	4.42	3.58
85	216.34		1.88	2.83	2.52	210.19		3.26	4.37	3.61
90	219.29		1.52	2.41	2.30	211.68		3.23	4.32	3.64

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.55		<i>SD</i>			0.91	
10	191.86			2.39		199.45			1.10	
15	194.81			2.16		200.94			1.12	
20	197.15			1.98		202.13			1.14	
25	199.15			1.83		203.15			1.15	
30	200.96			1.69		204.06			1.16	
35	202.63			1.56		204.91			1.18	
40	204.22			1.44		205.72			1.19	
45	205.75			1.32		206.49			1.20	
50	207.26			1.21		207.26			1.21	
55	208.77			1.09		208.03			1.22	
60	210.30			0.98		208.80			1.23	
65	211.89			0.85		209.61			1.24	
70	213.56			0.73		210.46			1.25	
75	215.37			0.59		211.37			1.27	
80	217.37			0.43		212.39			1.28	
85	219.72			0.26		213.58			1.30	
90	222.66			0.03		215.07			1.32	

Table D.4.6: Science Grade 7 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.10</i>			<i>SD</i>		<i>1.56</i>		
10	189.41		5.78			197.86		3.98		
15	192.54		5.39			199.37		3.94		
20	195.02		5.08			200.57		3.90		
25	197.15		4.82			201.60		3.87		
30	199.07		4.58			202.52		3.84		
35	200.84		4.36			203.38		3.82		
40	202.52		4.15			204.19		3.80		
45	204.15		3.95			204.98		3.77		
50	205.75		3.75			205.75		3.75		
55	207.35		3.55			206.52		3.73		
60	208.98		3.35			207.31		3.70		
65	210.66		3.14			208.12		3.68		
70	212.43		2.92			208.98		3.66		
75	214.35		2.68			209.90		3.63		
80	216.48		2.42			210.93		3.60		
85	218.96		2.11			212.13		3.56		
90	222.09		1.72			213.64		3.52		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.75</i>		<i>6.64</i>		<i>SD</i>	<i>2.67</i>		<i>2.15</i>	
10	189.49	4.26		6.54		198.69	0.75		4.27	
15	192.81	3.39		6.01		200.25	0.55		4.17	
20	195.45	2.70		5.58		201.50	0.39		4.09	
25	197.72	2.10		5.22		202.56	0.25		4.02	
30	199.75	1.57		4.89		203.52	0.13		3.96	
35	201.64	1.07		4.59		204.40	0.02		3.91	
40	203.43	0.60		4.30		205.25	-0.09		3.85	
45	205.16	0.15		4.02		206.06	-0.19		3.80	
50	206.86	-0.30		3.75		206.86	-0.30		3.75	
55	208.56	-0.74		3.47		207.66	-0.40		3.70	
60	210.30	-1.20		3.20		208.48	-0.50		3.64	
65	212.08	-1.67		2.91		209.32	-0.61		3.59	
70	213.97	-2.16		2.60		210.21	-0.73		3.53	
75	216.00	-2.70		2.28		211.16	-0.85		3.47	
80	218.27	-3.29		1.91		212.23	-0.99		3.40	
85	220.91	-3.98		1.49		213.47	-1.15		3.33	
90	224.23	-4.85		0.95		215.03	-1.35		3.23	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>5.78</i>	<i>6.99</i>	<i>6.52</i>	<i>SD</i>		<i>1.22</i>	<i>2.13</i>	<i>1.59</i>
10	190.35		4.62	5.95	4.12	198.67		3.07	4.29	3.23
15	193.45		4.30	5.59	3.96	200.18		3.05	4.24	3.23
20	195.92		4.04	5.30	3.83	201.38		3.03	4.20	3.24

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Science Grade 7 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	198.03		3.82	5.05	3.71	202.41		3.01	4.17	3.24
30	199.93		3.63	4.83	3.61	203.33		2.99	4.14	3.25
35	201.69		3.44	4.62	3.52	204.19		2.98	4.12	3.25
40	203.36		3.27	4.42	3.43	205.00		2.96	4.09	3.26
45	204.97		3.10	4.23	3.35	205.79		2.95	4.07	3.26
50	206.56		2.94	4.05	3.26	206.56		2.94	4.05	3.26
55	208.15		2.77	3.86	3.18	207.34		2.92	4.02	3.27
60	209.77		2.60	3.67	3.09	208.13		2.91	4.00	3.27
65	211.44		2.43	3.47	3.01	208.94		2.89	3.97	3.27
70	213.20		2.25	3.27	2.91	209.80		2.88	3.95	3.28
75	215.10		2.05	3.04	2.81	210.72		2.86	3.92	3.28
80	217.21		1.83	2.79	2.70	211.75		2.85	3.89	3.29
85	219.68		1.57	2.50	2.57	212.95		2.82	3.85	3.29
90	222.78		1.25	2.14	2.41	214.46		2.80	3.81	3.30

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.58		<i>SD</i>			0.91	
10	193.19			2.13		201.58			0.98	
15	196.31			1.93		203.10			1.01	
20	198.79			1.78		204.30			1.03	
25	200.92			1.65		205.33			1.04	
30	202.83			1.53		206.26			1.06	
35	204.60			1.42		207.12			1.07	
40	206.28			1.31		207.93			1.08	
45	207.90			1.21		208.72			1.10	
50	209.50			1.11		209.50			1.11	
55	211.10			1.01		210.28			1.12	
60	212.72			0.91		211.06			1.14	
65	214.40			0.80		211.88			1.15	
70	216.17			0.69		212.74			1.16	
75	218.08			0.58		213.67			1.18	
80	220.21			0.44		214.70			1.20	
85	222.69			0.29		215.90			1.21	
90	225.81			0.09		217.42			1.24	

Table D.4.7: Science Grade 8 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.55</i>			<i>SD</i>		<i>1.54</i>		
10	192.67		5.10			201.10		3.41		
15	195.81		4.77			202.63		3.39		
20	198.30		4.50			203.84		3.38		
25	200.44		4.26			204.88		3.37		
30	202.37		4.06			205.82		3.36		
35	204.15		3.86			206.68		3.35		
40	205.84		3.68			207.50		3.35		
45	207.47		3.50			208.30		3.34		
50	209.08		3.33			209.08		3.33		
55	210.69		3.16			209.86		3.32		
60	212.33		2.98			210.66		3.31		
65	214.02		2.80			211.48		3.31		
70	215.80		2.60			212.35		3.30		
75	217.72		2.40			213.28		3.29		
80	219.86		2.16			214.32		3.28		
85	222.36		1.89			215.54		3.27		
90	225.50		1.56			217.06		3.25		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>7.98</i>		<i>7.40</i>		<i>SD</i>	<i>2.29</i>		<i>2.18</i>	
10	192.55	3.53		6.20		201.61	0.38		4.01	
15	195.87	2.81		5.69		203.19	0.26		3.92	
20	198.50	2.24		5.29		204.45	0.17		3.85	
25	200.76	1.74		4.94		205.53	0.08		3.79	
30	202.79	1.30		4.63		206.50	0.01		3.74	
35	204.68	0.89		4.35		207.40	-0.06		3.69	
40	206.46	0.50		4.07		208.25	-0.12		3.64	
45	208.19	0.13		3.81		209.08	-0.18		3.60	
50	209.89	-0.24		3.55		209.89	-0.24		3.55	
55	211.59	-0.61		3.29		210.70	-0.30		3.51	
60	213.31	-0.99		3.03		211.52	-0.37		3.46	
65	215.10	-1.38		2.75		212.38	-0.43		3.41	
70	216.98	-1.79		2.47		213.27	-0.50		3.36	
75	219.01	-2.23		2.16		214.24	-0.57		3.31	
80	221.27	-2.72		1.81		215.32	-0.65		3.25	
85	223.91	-3.30		1.41		216.58	-0.75		3.18	
90	227.22	-4.02		0.90		218.17	-0.87		3.09	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.00</i>	<i>7.56</i>	<i>7.20</i>	<i>SD</i>		<i>1.22</i>	<i>2.14</i>	<i>1.67</i>
10	192.66		4.72	6.22	1.94	201.45		2.97	4.15	1.81
15	195.91		4.35	5.76	2.03	203.02		2.93	4.08	1.93
20	198.49		4.05	5.39	2.10	204.26		2.90	4.03	2.02

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Science Grade 8 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	200.71		3.80	5.07	2.16	205.33	2.88	3.98	2.10	
30	202.70		3.57	4.79	2.22	206.29	2.85	3.94	2.17	
35	204.54		3.36	4.52	2.27	207.18	2.83	3.90	2.23	
40	206.29		3.16	4.27	2.32	208.02	2.81	3.86	2.30	
45	207.98		2.96	4.03	2.37	208.84	2.79	3.83	2.35	
50	209.64		2.77	3.79	2.41	209.64	2.77	3.79	2.41	
55	211.31		2.58	3.56	2.46	210.45	2.75	3.76	2.47	
60	213.00		2.38	3.31	2.51	211.26	2.73	3.72	2.53	
65	214.75		2.18	3.06	2.56	212.11	2.71	3.69	2.59	
70	216.59		1.97	2.80	2.61	213.00	2.68	3.65	2.66	
75	218.58		1.74	2.51	2.66	213.96	2.66	3.61	2.73	
80	220.80		1.48	2.20	2.73	215.03	2.63	3.56	2.81	
85	223.38		1.19	1.83	2.80	216.27	2.60	3.50	2.90	
90	226.62		0.81	1.36	2.89	217.84	2.56	3.44	3.01	

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.74		<i>SD</i>			0.92	
10	195.54			2.04		204.27			0.95	
15	198.76			1.84		205.83			0.96	
20	201.33			1.69		207.06			0.98	
25	203.53			1.56		208.13			0.99	
30	205.51			1.44		209.08			0.99	
35	207.34			1.33		209.96			1.00	
40	209.08			1.23		210.80			1.01	
45	210.76			1.12		211.61			1.02	
50	212.41			1.03		212.41			1.03	
55	214.07			0.93		213.21			1.03	
60	215.75			0.82		214.02			1.04	
65	217.49			0.72		214.86			1.05	
70	219.32			0.61		215.74			1.06	
75	221.29			0.49		216.70			1.06	
80	223.50			0.36		217.76			1.07	
85	226.06			0.21		219.00			1.09	
90	229.29			0.01		220.56			1.10	

Table D.4.8: Science Grade 9 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.43</i>			<i>SD</i>		<i>1.74</i>		
10	191.67		5.56			201.64		3.20		
15	195.28		5.05			203.35		3.14		
20	198.15		4.64			204.70		3.08		
25	200.62		4.28			205.86		3.04		
30	202.83		3.97			206.91		3.00		
35	204.88		3.68			207.87		2.97		
40	206.82		3.40			208.79		2.93		
45	208.70		3.13			209.68		2.90		
50	210.55		2.86			210.55		2.86		
55	212.40		2.60			211.42		2.83		
60	214.28		2.33			212.31		2.80		
65	216.23		2.05			213.23		2.76		
70	218.28		1.76			214.20		2.73		
75	220.49		1.44			215.24		2.69		
80	222.95		1.09			216.40		2.65		
85	225.82		0.68			217.76		2.59		
90	229.43		0.17			219.46		2.53		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>9.14</i>		<i>7.00</i>		<i>SD</i>	<i>3.19</i>		<i>2.25</i>	
10	190.01	7.63		7.39		201.37	2.32		3.92	
15	194.03	6.24		6.54		203.22	1.94		3.73	
20	197.23	5.13		5.86		204.69	1.64		3.58	
25	199.97	4.18		5.28		205.95	1.39		3.45	
30	202.44	3.33		4.76		207.09	1.16		3.34	
35	204.72	2.54		4.28		208.14	0.94		3.23	
40	206.89	1.79		3.82		209.13	0.74		3.13	
45	208.98	1.07		3.38		210.10	0.54		3.04	
50	211.05	0.35		2.94		211.05	0.35		2.94	
55	213.11	-0.36		2.50		212.00	0.16		2.84	
60	215.21	-1.09		2.06		212.96	-0.04		2.75	
65	217.37	-1.84		1.60		213.96	-0.24		2.65	
70	219.66	-2.63		1.12		215.01	-0.45		2.54	
75	222.12	-3.48		0.60		216.14	-0.68		2.42	
80	224.87	-4.43		0.02		217.40	-0.94		2.30	
85	228.06	-5.54		-0.66		218.87	-1.24		2.15	
90	232.09	-6.93		-1.51		220.73	-1.61		1.96	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.06</i>	<i>7.65</i>	<i>6.95</i>	<i>SD</i>		<i>1.33</i>	<i>2.31</i>	<i>1.84</i>
10	193.33		3.67	4.54	2.42	202.67		2.05	2.64	1.31
15	196.79		3.35	4.17	2.28	204.34		2.04	2.63	1.39
20	199.53		3.10	3.87	2.17	205.67		2.04	2.62	1.44

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Science Grade 9 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	201.89		2.88	3.62	2.07	206.81		2.03	2.62	1.49
30	204.01		2.69	3.39	1.99	207.83		2.03	2.61	1.54
35	205.97		2.51	3.18	1.91	208.78		2.03	2.60	1.58
40	207.83		2.34	2.97	1.84	209.67		2.02	2.60	1.62
45	209.63		2.18	2.78	1.77	210.54		2.02	2.59	1.66
50	211.40		2.02	2.59	1.70	211.40		2.02	2.59	1.70
55	213.17		1.85	2.40	1.63	212.26		2.01	2.58	1.73
60	214.97		1.69	2.20	1.55	213.13		2.01	2.58	1.77
65	216.83		1.52	2.00	1.48	214.02		2.01	2.57	1.81
70	218.79		1.34	1.79	1.40	214.97		2.00	2.56	1.85
75	220.91		1.15	1.56	1.32	215.99		2.00	2.56	1.90
80	223.27		0.93	1.30	1.22	217.13		2.00	2.55	1.95
85	226.01		0.68	1.01	1.11	218.46		1.99	2.54	2.00
90	229.47		0.37	0.63	0.98	220.13		1.98	2.53	2.08

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.76		<i>SD</i>			0.98	
10	195.26			1.37		204.55			0.36	
15	198.73			1.22		206.25			0.40	
20	201.49			1.10		207.60			0.43	
25	203.86			0.99		208.75			0.46	
30	205.99			0.90		209.79			0.48	
35	207.96			0.81		210.75			0.51	
40	209.83			0.73		211.66			0.53	
45	211.64			0.65		212.55			0.55	
50	213.42			0.57		213.42			0.57	
55	215.20			0.49		214.28			0.59	
60	217.01			0.41		215.17			0.61	
65	218.88			0.33		216.08			0.64	
70	220.85			0.24		217.04			0.66	
75	222.97			0.15		218.08			0.68	
80	225.34			0.05		219.24			0.71	
85	228.10			-0.08		220.58			0.75	
90	231.58			-0.23		222.28			0.79	

Table D.4.9: Science Grade 10 Conditional Growth Distributions

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Winter	Fall	Winter	Spring	N Fall	Last Winter	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.57</i>			<i>SD</i>		<i>1.36</i>		
10	194.66		3.83			204.04		1.87		
15	198.12		3.52			205.70		1.94		
20	200.87		3.28			207.02		1.99		
25	203.22		3.07			208.16		2.04		
30	205.34		2.88			209.17		2.08		
35	207.30		2.70			210.12		2.12		
40	209.16		2.54			211.01		2.15		
45	210.96		2.38			211.88		2.19		
50	212.73		2.22			212.73		2.22		
55	214.50		2.06			213.58		2.25		
60	216.30		1.90			214.45		2.29		
65	218.16		1.74			215.34		2.33		
70	220.12		1.56			216.29		2.36		
75	222.24		1.37			217.31		2.41		
80	224.60		1.16			218.44		2.45		
85	227.34		0.92			219.76		2.50		
90	230.80		0.61			221.42		2.57		

Start %ile	RIT	Student Growth				RIT	School Growth			
	Last Spring	Fall	Winter	Spring	N Fall	Last Spring	Fall	Winter	Spring	N Fall
	<i>SD</i>	<i>8.56</i>		<i>7.80</i>		<i>SD</i>	<i>2.18</i>		<i>2.15</i>	
10	193.20	5.43		5.57		203.91	0.87		2.21	
15	196.98	4.44		4.94		205.65	0.75		2.22	
20	199.99	3.65		4.44		207.03	0.65		2.24	
25	202.57	2.97		4.02		208.21	0.57		2.25	
30	204.89	2.36		3.63		209.28	0.50		2.26	
35	207.04	1.80		3.28		210.26	0.43		2.27	
40	209.08	1.27		2.94		211.20	0.37		2.28	
45	211.05	0.75		2.62		212.10	0.30		2.29	
50	212.99	0.24		2.29		212.99	0.24		2.29	
55	214.93	-0.26		1.97		213.88	0.18		2.30	
60	216.91	-0.78		1.65		214.79	0.12		2.31	
65	218.94	-1.31		1.31		215.72	0.06		2.32	
70	221.09	-1.88		0.96		216.71	-0.01		2.33	
75	223.41	-2.48		0.57		217.77	-0.08		2.34	
80	225.99	-3.16		0.15		218.95	-0.16		2.35	
85	229.00	-3.95		-0.35		220.33	-0.26		2.36	
90	232.79	-4.94		-0.98		222.07	-0.38		2.38	

Start %ile	RIT	Student Growth				RIT	School Growth			
	Fall	Fall	Winter	Spring	N Fall	Fall	Fall	Winter	Spring	N Fall
	<i>SD</i>		<i>6.15</i>	<i>7.86</i>	<i>6.88</i>	<i>SD</i>		<i>1.12</i>	<i>1.95</i>	<i>1.39</i>
10	194.97		3.27	3.84	0.66	204.33		1.53	1.72	0.62
15	198.46		2.97	3.50	0.78	206.03		1.56	1.78	0.75
20	201.24		2.73	3.23	0.88	207.39		1.59	1.83	0.85

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Science Grade 10 Conditional Growth Distributions, *continued*

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
25	203.62		2.53	2.99	0.96	208.55		1.62	1.88	0.94
30	205.76		2.35	2.78	1.03	209.59		1.64	1.91	1.01
35	207.74		2.18	2.59	1.10	210.56		1.66	1.95	1.09
40	209.62		2.02	2.41	1.16	211.48		1.68	1.99	1.16
45	211.44		1.87	2.23	1.23	212.36		1.70	2.02	1.22
50	213.24		1.72	2.05	1.29	213.24		1.72	2.05	1.29
55	215.03		1.56	1.88	1.35	214.11		1.73	2.08	1.35
60	216.85		1.41	1.70	1.41	215.00		1.75	2.12	1.42
65	218.73		1.25	1.51	1.47	215.91		1.77	2.15	1.49
70	220.71		1.08	1.32	1.54	216.88		1.79	2.19	1.56
75	222.85		0.90	1.11	1.62	217.92		1.82	2.23	1.64
80	225.23		0.70	0.87	1.70	219.08		1.84	2.27	1.72
85	228.01		0.46	0.60	1.79	220.44		1.87	2.32	1.83
90	231.51		0.16	0.26	1.91	222.14		1.91	2.38	1.95

Start %ile	RIT	Student Growth				RIT	School Growth			
		Fall	Winter	Spring	N Fall		Fall	Winter	Spring	N Fall
	<i>SD</i>			5.82		<i>SD</i>			0.82	
10	196.47			1.00		205.74			0.03	
15	200.00			0.87		207.50			0.09	
20	202.81			0.77		208.90			0.14	
25	205.22			0.68		210.10			0.18	
30	207.39			0.61		211.18			0.21	
35	209.39			0.53		212.18			0.24	
40	211.30			0.47		213.13			0.28	
45	213.14			0.40		214.05			0.31	
50	214.95			0.34		214.95			0.34	
55	216.76			0.27		215.85			0.37	
60	218.61			0.20		216.77			0.40	
65	220.51			0.14		217.72			0.43	
70	222.51			0.06		218.72			0.46	
75	224.68			-0.01		219.80			0.50	
80	227.09			-0.10		221.00			0.54	
85	229.90			-0.20		222.40			0.58	
90	233.43			-0.33		224.16			0.64	

Appendix E - Student and School Conditional Growth Percentiles

For each content area, this appendix provides a set of up to six tables for each grade level. Tables prefixed by E.1._, E.2._, E.3._, and E.4._ correspond to mathematics, reading, language usage, and science, respectively. Each table in a content area-grade level set presents conditional term-to-term growth percentiles for both students and schools. The term-to-term combinations that make up a grade level set are: Last Winter to Winter; Last Spring to Spring; Last Spring to Fall; Fall to Next Fall; Fall to Spring; Fall to Winter; and Winter to Spring, respectively. (Since there is no grade prior to kindergarten, only four tables are provided for grade K for mathematics and reading. Fall to Next Fall growth is likely not available for grade 12.) Appearing on the left side of each of these tables is a column of 17 percentile ranks (ranging from 10 to 90 by 5). For each percentile rank, there are two rows of values; the first row is for student values, the second for school values. To the right of each percentile rank are the starting RIT values associated each achievement percentile (one for students, one for schools). To the right of each starting RIT are the mean growth and standard deviation associated with the term-to-term growth under consideration. Each of the nine right-most columns contain the amount of growth associated with the conditional growth percentiles (CGP) and the conditional growth index values (CGI) shown at the top of the column. There is a fixed statistical relationship between CGP and CGI; these values are constant across all tables.

For example, to determine the conditional growth percentile for a grade 2 student who grew 13 RITs in mathematics from fall to spring after obtaining a fall RIT score of 180, first find the table with appropriate content area-grade combination (mathematics-grade 2) and the appropriate term-to-term comparison (fall-to-spring). This is Table E.1.16. Since we are interested in the student's performance, we would find the RIT value from the starting RIT column for a student that is closest to 180. The closest value is 180.25 in the 65th percentile row. To identify the CGP for observed growth of 13, we move across on the same student row to find a value closest to 13. The closest value is 13.11, in the Conditional Growth column labeled 45. Thus, 45 is very nearly the CGP for fall-to-spring growth of 13 for a grade 2 student starting out in fall with a RIT of 180. The associated conditional growth index (CGI) is -.13.

As another example, assume we are interested in determining how much growth a school's second graders would have to make to attain a CGP of 60 in the spring when they started the school year with a mean RIT score of 180. To determine this we would first find the appropriate table - the one showing fall-to-spring mathematics growth for Grade 2 students, which is, again, Table E.1.16. We begin by finding the mean fall status for a school that is closest to 180 in the Start RIT column. That value is 179.91 in the 80th percentile row block for status. We would move across the School row until we intersected the column containing the 60th growth percentiles. The value in the cell, 14.98 (RITs) is the amount of growth associated with the conditional growth percentile of 60.

Appendix E.1 - Mathematics

Table E.1.1: Mathematics Grade K
Fall To Winter Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	123.61	12.56	4.91	Student	8.43	9.99	11.32	11.95	12.56	13.18	13.80	15.13	16.69
	132.60	11.15	1.28	School	10.07	10.48	10.82	10.99	11.15	11.31	11.47	11.82	12.23
15	126.66	12.18	4.91	Student	8.05	9.61	10.94	11.56	12.18	12.80	13.42	14.75	16.31
	133.94	11.04	1.28	School	9.96	10.37	10.71	10.88	11.04	11.20	11.36	11.71	12.12
20	129.09	11.88	4.91	Student	7.75	9.31	10.64	11.26	11.88	12.49	13.12	14.45	16.01
	134.99	10.95	1.28	School	9.87	10.28	10.63	10.79	10.95	11.11	11.28	11.62	12.03
25	131.17	11.62	4.91	Student	7.49	9.05	10.38	11.00	11.62	12.23	12.86	14.19	15.75
	135.90	10.87	1.28	School	9.80	10.20	10.55	10.71	10.87	11.04	11.20	11.55	11.95
30	133.04	11.38	4.91	Student	7.26	8.81	10.14	10.77	11.38	12.00	12.63	13.96	15.51
	136.72	10.81	1.28	School	9.73	10.13	10.48	10.65	10.81	10.97	11.13	11.48	11.89
35	134.77	11.17	4.91	Student	7.04	8.60	9.93	10.55	11.17	11.78	12.41	13.74	15.30
	137.47	10.74	1.28	School	9.66	10.07	10.42	10.58	10.74	10.91	11.07	11.42	11.82
40	136.41	10.96	4.91	Student	6.83	8.39	9.72	10.35	10.96	11.58	12.21	13.54	15.09
	138.19	10.68	1.28	School	9.60	10.01	10.36	10.52	10.68	10.85	11.01	11.36	11.76
45	138.00	10.76	4.91	Student	6.64	8.19	9.52	10.15	10.76	11.38	12.01	13.34	14.89
	138.88	10.63	1.28	School	9.55	9.95	10.30	10.47	10.63	10.79	10.95	11.30	11.71
50	139.56	10.57	4.91	Student	6.44	8.00	9.33	9.95	10.57	11.19	11.81	13.14	14.70
	139.56	10.57	1.28	School	9.49	9.90	10.24	10.41	10.57	10.73	10.89	11.24	11.65
55	141.13	10.37	4.91	Student	6.25	7.80	9.13	9.76	10.37	10.99	11.62	12.95	14.50
	140.24	10.51	1.28	School	9.43	9.84	10.19	10.35	10.51	10.67	10.84	11.19	11.59
60	142.72	10.18	4.91	Student	6.05	7.60	8.93	9.56	10.18	10.79	11.42	12.75	14.30
	140.94	10.45	1.28	School	9.38	9.78	10.13	10.29	10.45	10.62	10.78	11.13	11.53
65	144.36	9.97	4.91	Student	5.84	7.40	8.73	9.35	9.97	10.59	11.21	12.54	14.10
	141.65	10.40	1.28	School	9.32	9.72	10.07	10.23	10.40	10.56	10.72	11.07	11.47
70	146.09	9.75	4.91	Student	5.63	7.18	8.51	9.14	9.75	10.37	11.00	12.33	13.88
	142.41	10.33	1.28	School	9.25	9.66	10.01	10.17	10.33	10.49	10.66	11.00	11.41
75	147.96	9.52	4.91	Student	5.39	6.95	8.28	8.90	9.52	10.14	10.76	12.09	13.65
	143.22	10.26	1.28	School	9.18	9.59	9.94	10.10	10.26	10.43	10.59	10.94	11.34
80	150.04	9.26	4.91	Student	5.13	6.69	8.02	8.64	9.26	9.88	10.50	11.83	13.39
	144.13	10.19	1.28	School	9.11	9.52	9.86	10.03	10.19	10.35	10.51	10.86	11.27
85	152.46	8.96	4.91	Student	4.83	6.39	7.72	8.34	8.96	9.57	10.20	11.53	13.09
	145.19	10.10	1.28	School	9.02	9.43	9.78	9.94	10.10	10.26	10.43	10.77	11.18
90	155.51	8.58	4.91	Student	4.45	6.00	7.33	7.96	8.58	9.19	9.82	11.15	12.71
	146.52	9.99	1.28	School	8.91	9.32	9.66	9.83	9.99	10.15	10.31	10.66	11.07

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.2: Mathematics Grade K
Fall To Spring Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	123.61	20.34	6.26	Student	15.07	17.05	18.75	19.55	20.34	21.12	21.92	23.62	25.61
	132.60	18.56	2.24	School	16.67	17.38	17.99	18.28	18.56	18.84	19.13	19.73	20.45
15	126.66	19.80	6.26	Student	14.53	16.52	18.22	19.02	19.80	20.59	21.39	23.09	25.07
	133.94	18.36	2.24	School	16.48	17.19	17.80	18.08	18.36	18.65	18.93	19.54	20.25
20	129.09	19.38	6.26	Student	14.11	16.09	17.79	18.59	19.38	20.16	20.96	22.66	24.65
	134.99	18.21	2.24	School	16.32	17.04	17.64	17.93	18.21	18.49	18.78	19.39	20.10
25	131.17	19.01	6.26	Student	13.74	15.73	17.43	18.23	19.01	19.80	20.60	22.30	24.28
	135.90	18.08	2.24	School	16.19	16.90	17.51	17.80	18.08	18.36	18.65	19.25	19.96
30	133.04	18.69	6.26	Student	13.42	15.40	17.10	17.90	18.69	19.47	20.27	21.97	23.96
	136.72	17.96	2.24	School	16.07	16.78	17.39	17.68	17.96	18.24	18.53	19.13	19.85
35	134.77	18.38	6.26	Student	13.11	15.10	16.80	17.60	18.38	19.17	19.97	21.67	23.65
	137.47	17.85	2.24	School	15.96	16.67	17.28	17.57	17.85	18.13	18.42	19.02	19.74
40	136.41	18.10	6.26	Student	12.83	14.81	16.51	17.31	18.10	18.88	19.68	21.38	23.37
	138.19	17.74	2.24	School	15.86	16.57	17.18	17.46	17.74	18.03	18.31	18.92	19.63
45	138.00	17.82	6.26	Student	12.55	14.53	16.23	17.03	17.82	18.60	19.40	21.10	23.09
	138.88	17.64	2.24	School	15.76	16.47	17.08	17.36	17.64	17.93	18.21	18.82	19.53
50	139.56	17.54	6.26	Student	12.27	14.26	15.96	16.76	17.54	18.33	19.13	20.83	22.81
	139.56	17.54	2.24	School	15.66	16.37	16.98	17.26	17.54	17.83	18.11	18.72	19.43
55	141.13	17.27	6.26	Student	12.00	13.99	15.68	16.48	17.27	18.06	18.86	20.55	22.54
	140.24	17.44	2.24	School	15.56	16.27	16.88	17.16	17.44	17.73	18.01	18.62	19.33
60	142.72	16.99	6.26	Student	11.72	13.71	15.41	16.21	16.99	17.78	18.58	20.28	22.26
	140.94	17.34	2.24	School	15.46	16.17	16.78	17.06	17.34	17.63	17.91	18.52	19.23
65	144.36	16.70	6.26	Student	11.43	13.42	15.12	15.92	16.70	17.49	18.29	19.99	21.97
	141.65	17.24	2.24	School	15.35	16.06	16.67	16.96	17.24	17.52	17.81	18.41	19.13
70	146.09	16.40	6.26	Student	11.13	13.12	14.82	15.61	16.40	17.19	17.99	19.69	21.67
	142.41	17.13	2.24	School	15.24	15.95	16.56	16.85	17.13	17.41	17.70	18.30	19.02
75	147.96	16.07	6.26	Student	10.80	12.79	14.49	15.29	16.07	16.86	17.66	19.36	21.34
	143.22	17.01	2.24	School	15.12	15.83	16.44	16.73	17.01	17.29	17.58	18.19	18.90
80	150.04	15.71	6.26	Student	10.44	12.43	14.12	14.92	15.71	16.50	17.30	18.99	20.98
	144.13	16.88	2.24	School	14.99	15.70	16.31	16.60	16.88	17.16	17.45	18.05	18.76
85	152.46	15.29	6.26	Student	10.02	12.00	13.70	14.50	15.29	16.07	16.87	18.57	20.56
	145.19	16.72	2.24	School	14.84	15.55	16.16	16.44	16.72	17.00	17.29	17.90	18.61
90	155.51	14.75	6.26	Student	9.48	11.47	13.17	13.97	14.75	15.54	16.34	18.04	20.02
	146.52	16.53	2.24	School	14.64	15.35	15.96	16.25	16.53	16.81	17.10	17.70	18.42

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.3: Mathematics Grade K
Fall To N Fall Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	123.61	25.27	7.36	Student	19.08	21.41	23.41	24.35	25.27	26.20	27.14	29.13	31.47
	132.60	23.25	2.88	School	20.83	21.74	22.52	22.89	23.25	23.62	23.98	24.76	25.68
15	126.66	24.64	7.36	Student	18.44	20.78	22.77	23.71	24.64	25.56	26.50	28.50	30.83
	133.94	23.00	2.88	School	20.58	21.49	22.27	22.64	23.00	23.37	23.73	24.51	25.43
20	129.09	24.13	7.36	Student	17.94	20.27	22.27	23.21	24.13	25.06	26.00	27.99	30.33
	134.99	22.81	2.88	School	20.38	21.29	22.08	22.44	22.81	23.17	23.54	24.32	25.23
25	131.17	23.70	7.36	Student	17.50	19.84	21.83	22.77	23.70	24.62	25.56	27.56	29.89
	135.90	22.64	2.88	School	20.21	21.12	21.91	22.27	22.64	23.00	23.37	24.15	25.06
30	133.04	23.31	7.36	Student	17.11	19.45	21.44	22.38	23.31	24.23	25.17	27.17	29.50
	136.72	22.48	2.88	School	20.06	20.97	21.75	22.12	22.48	22.84	23.21	23.99	24.91
35	134.77	22.95	7.36	Student	16.75	19.09	21.08	22.02	22.95	23.87	24.81	26.81	29.14
	137.47	22.34	2.88	School	19.92	20.83	21.61	21.98	22.34	22.70	23.07	23.85	24.77
40	136.41	22.61	7.36	Student	16.41	18.75	20.74	21.68	22.61	23.53	24.47	26.47	28.80
	138.19	22.21	2.88	School	19.78	20.70	21.48	21.84	22.21	22.57	22.94	23.72	24.63
45	138.00	22.27	7.36	Student	16.08	18.42	20.41	21.35	22.27	23.20	24.14	26.13	28.47
	138.88	22.08	2.88	School	19.65	20.57	21.35	21.71	22.08	22.44	22.81	23.59	24.50
50	139.56	21.95	7.36	Student	15.75	18.09	20.08	21.02	21.95	22.87	23.81	25.81	28.14
	139.56	21.95	2.88	School	19.52	20.44	21.22	21.59	21.95	22.31	22.68	23.46	24.37
55	141.13	21.62	7.36	Student	15.43	17.76	19.76	20.70	21.62	22.55	23.49	25.48	27.82
	140.24	21.82	2.88	School	19.40	20.31	21.09	21.46	21.82	22.18	22.55	23.33	24.25
60	142.72	21.29	7.36	Student	15.10	17.43	19.43	20.37	21.29	22.22	23.16	25.15	27.49
	140.94	21.69	2.88	School	19.27	20.18	20.96	21.33	21.69	22.05	22.42	23.20	24.12
65	144.36	20.95	7.36	Student	14.76	17.09	19.08	20.02	20.95	21.87	22.81	24.81	27.14
	141.65	21.56	2.88	School	19.13	20.05	20.83	21.19	21.56	21.92	22.29	23.07	23.98
70	146.09	20.59	7.36	Student	14.39	16.73	18.72	19.66	20.59	21.51	22.45	24.45	26.78
	142.41	21.41	2.88	School	18.99	19.90	20.68	21.05	21.41	21.78	22.14	22.93	23.84
75	147.96	20.20	7.36	Student	14.00	16.34	18.33	19.27	20.20	21.12	22.06	24.06	26.39
	143.22	21.26	2.88	School	18.84	19.75	20.53	20.90	21.26	21.62	21.99	22.77	23.69
80	150.04	19.77	7.36	Student	13.57	15.91	17.90	18.84	19.77	20.69	21.63	23.62	25.96
	144.13	21.09	2.88	School	18.67	19.58	20.36	20.73	21.09	21.45	21.82	22.60	23.52
85	152.46	19.26	7.36	Student	13.07	15.40	17.40	18.34	19.26	20.18	21.12	23.12	25.45
	145.19	20.89	2.88	School	18.47	19.38	20.16	20.53	20.89	21.26	21.62	22.40	23.32
90	155.51	18.62	7.36	Student	12.43	14.76	16.76	17.70	18.62	19.55	20.49	22.48	24.82
	146.52	20.64	2.88	School	18.22	19.13	19.91	20.28	20.64	21.01	21.37	22.15	23.07

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.4: Mathematics Grade K
Winter To Spring Conditional Growth Percentile

Start Status	Growth	Conditional Growth											
		CGP	20	30	40	45	50	55	60	70	80		
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	134.82	8.09	4.69	Student	4.14	5.63	6.90	7.50	8.09	8.68	9.28	10.55	12.04
	143.55	7.09	1.01	School	6.24	6.56	6.83	6.96	7.09	7.22	7.35	7.62	7.94
15	137.75	7.88	4.69	Student	3.93	5.42	6.69	7.29	7.88	8.47	9.07	10.34	11.83
	144.81	7.07	1.01	School	6.21	6.54	6.81	6.94	7.07	7.19	7.32	7.60	7.92
20	140.08	7.71	4.69	Student	3.76	5.25	6.52	7.12	7.71	8.30	8.90	10.17	11.66
	145.81	7.05	1.01	School	6.20	6.52	6.79	6.92	7.05	7.18	7.31	7.58	7.90
25	142.08	7.56	4.69	Student	3.61	5.10	6.37	6.97	7.56	8.15	8.75	10.02	11.51
	146.67	7.03	1.01	School	6.18	6.50	6.78	6.91	7.03	7.16	7.29	7.57	7.89
30	143.87	7.43	4.69	Student	3.48	4.97	6.24	6.84	7.43	8.02	8.62	9.89	11.38
	147.44	7.02	1.01	School	6.17	6.49	6.76	6.89	7.02	7.15	7.28	7.55	7.88
35	145.53	7.31	4.69	Student	3.36	4.85	6.12	6.72	7.31	7.90	8.50	9.77	11.26
	148.15	7.01	1.01	School	6.16	6.48	6.75	6.88	7.01	7.14	7.27	7.54	7.86
40	147.11	7.20	4.69	Student	3.25	4.74	6.01	6.61	7.20	7.78	8.38	9.66	11.14
	148.83	7.00	1.01	School	6.14	6.47	6.74	6.87	7.00	7.12	7.25	7.53	7.85
45	148.63	7.08	4.69	Student	3.14	4.62	5.90	6.49	7.08	7.67	8.27	9.54	11.03
	149.49	6.99	1.01	School	6.13	6.45	6.73	6.86	6.99	7.11	7.24	7.52	7.84
50	150.13	6.97	4.69	Student	3.03	4.51	5.79	6.39	6.97	7.56	8.16	9.43	10.92
	150.13	6.97	1.01	School	6.12	6.44	6.72	6.85	6.97	7.10	7.23	7.51	7.83
55	151.63	6.87	4.69	Student	2.92	4.41	5.68	6.28	6.87	7.45	8.05	9.33	10.81
	150.78	6.96	1.01	School	6.11	6.43	6.71	6.84	6.96	7.09	7.22	7.50	7.82
60	153.16	6.75	4.69	Student	2.81	4.29	5.57	6.16	6.75	7.34	7.94	9.21	10.70
	151.43	6.95	1.01	School	6.10	6.42	6.69	6.82	6.95	7.08	7.21	7.48	7.81
65	154.73	6.64	4.69	Student	2.69	4.18	5.45	6.05	6.64	7.23	7.83	9.10	10.59
	152.11	6.94	1.01	School	6.09	6.41	6.68	6.81	6.94	7.07	7.20	7.47	7.79
70	156.40	6.52	4.69	Student	2.57	4.06	5.33	5.93	6.52	7.11	7.71	8.98	10.47
	152.83	6.93	1.01	School	6.07	6.40	6.67	6.80	6.93	7.06	7.18	7.46	7.78
75	158.19	6.39	4.69	Student	2.44	3.93	5.20	5.80	6.39	6.98	7.58	8.85	10.34
	153.60	6.91	1.01	School	6.06	6.38	6.66	6.79	6.91	7.04	7.17	7.45	7.77
80	160.18	6.24	4.69	Student	2.29	3.78	5.05	5.65	6.24	6.83	7.43	8.70	10.19
	154.46	6.90	1.01	School	6.05	6.37	6.64	6.77	6.90	7.03	7.16	7.43	7.75
85	162.51	6.07	4.69	Student	2.12	3.61	4.88	5.48	6.07	6.66	7.26	8.53	10.02
	155.46	6.88	1.01	School	6.03	6.35	6.62	6.75	6.88	7.01	7.14	7.41	7.74
90	165.44	5.86	4.69	Student	1.91	3.40	4.67	5.27	5.86	6.45	7.05	8.32	9.81
	156.72	6.86	1.01	School	6.01	6.33	6.60	6.73	6.86	6.99	7.12	7.39	7.71

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.5: Mathematics Grade 1
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	134.82	21.21	6.05	Student	16.11	18.03	19.68	20.45	21.21	21.97	22.74	24.38	26.30
	143.60	19.38	1.93	School	17.75	18.37	18.89	19.14	19.38	19.63	19.87	20.40	21.01
15	137.96	20.78	6.05	Student	15.68	17.60	19.24	20.01	20.78	21.54	22.31	23.95	25.87
	145.06	19.30	1.93	School	17.67	18.28	18.81	19.05	19.30	19.54	19.79	20.31	20.93
20	140.46	20.43	6.05	Student	15.34	17.26	18.90	19.67	20.43	21.19	21.96	23.61	25.53
	146.22	19.23	1.93	School	17.60	18.22	18.74	18.99	19.23	19.47	19.72	20.25	20.86
25	142.60	20.13	6.05	Student	15.04	16.96	18.60	19.37	20.13	20.90	21.67	23.31	25.23
	147.22	19.17	1.93	School	17.54	18.16	18.68	18.93	19.17	19.42	19.66	20.19	20.80
30	144.52	19.87	6.05	Student	14.77	16.69	18.34	19.11	19.87	20.63	21.40	23.04	24.96
	148.11	19.12	1.93	School	17.49	18.11	18.63	18.88	19.12	19.36	19.61	20.14	20.75
35	146.30	19.62	6.05	Student	14.53	16.45	18.09	18.86	19.62	20.38	21.16	22.80	24.72
	148.94	19.07	1.93	School	17.45	18.06	18.58	18.83	19.07	19.32	19.56	20.09	20.70
40	147.99	19.39	6.05	Student	14.29	16.21	17.86	18.63	19.39	20.15	20.92	22.56	24.48
	149.73	19.03	1.93	School	17.40	18.01	18.54	18.78	19.03	19.27	19.52	20.04	20.66
45	149.63	19.16	6.05	Student	14.07	15.99	17.63	18.40	19.16	19.92	20.70	22.34	24.26
	150.49	18.98	1.93	School	17.36	17.97	18.49	18.74	18.98	19.23	19.47	20.00	20.61
50	151.24	18.94	6.05	Student	13.85	15.77	17.41	18.18	18.94	19.70	20.47	22.12	24.04
	151.24	18.94	1.93	School	17.31	17.93	18.45	18.70	18.94	19.18	19.43	19.96	20.57
55	152.85	18.72	6.05	Student	13.62	15.54	17.18	17.96	18.72	19.48	20.25	21.89	23.81
	151.99	18.90	1.93	School	17.27	17.88	18.41	18.65	18.90	19.14	19.39	19.91	20.53
60	154.48	18.49	6.05	Student	13.40	15.32	16.96	17.73	18.49	19.25	20.03	21.67	23.59
	152.75	18.85	1.93	School	17.22	17.84	18.36	18.61	18.85	19.10	19.34	19.87	20.48
65	156.17	18.26	6.05	Student	13.16	15.08	16.72	17.50	18.26	19.02	19.79	21.43	23.35
	153.54	18.81	1.93	School	17.18	17.79	18.32	18.56	18.81	19.05	19.30	19.82	20.44
70	157.96	18.01	6.05	Student	12.92	14.84	16.48	17.25	18.01	18.77	19.55	21.19	23.11
	154.36	18.76	1.93	School	17.13	17.75	18.27	18.52	18.76	19.00	19.25	19.77	20.39
75	159.88	17.75	6.05	Student	12.65	14.57	16.21	16.99	17.75	18.51	19.28	20.92	22.84
	155.26	18.71	1.93	School	17.08	17.69	18.22	18.46	18.71	18.95	19.20	19.72	20.34
80	162.02	17.45	6.05	Student	12.36	14.28	15.92	16.69	17.45	18.21	18.98	20.63	22.55
	156.26	18.65	1.93	School	17.02	17.64	18.16	18.41	18.65	18.89	19.14	19.66	20.28
85	164.52	17.11	6.05	Student	12.01	13.93	15.57	16.35	17.11	17.87	18.64	20.28	22.20
	157.42	18.58	1.93	School	16.95	17.57	18.09	18.34	18.58	18.83	19.07	19.60	20.21
90	167.66	16.67	6.05	Student	11.58	13.50	15.14	15.91	16.67	17.43	18.21	19.85	21.77
	158.88	18.50	1.93	School	16.87	17.48	18.01	18.26	18.50	18.74	18.99	19.51	20.13

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.6: Mathematics Grade 1
Last Spring To Fall Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	140.50	6.52 7.15	Student	0.50	2.76	4.70	5.62	6.52	7.41	8.33	10.27	12.53	
	150.14	3.53 3.07	School	0.94	1.91	2.75	3.14	3.53	3.91	4.30	5.14	6.11	
15	143.91	5.59 7.15	Student	-0.43	1.84	3.78	4.70	5.59	6.49	7.41	9.34	11.61	
	151.71	3.18 3.07	School	0.59	1.56	2.40	2.79	3.18	3.56	3.95	4.79	5.76	
20	146.63	4.86 7.15	Student	-1.16	1.11	3.05	3.96	4.86	5.76	6.67	8.61	10.88	
	152.96	2.90 3.07	School	0.31	1.29	2.12	2.51	2.90	3.28	3.68	4.51	5.48	
25	148.95	4.23 7.15	Student	-1.79	0.48	2.42	3.33	4.23	5.13	6.05	7.98	10.25	
	154.03	2.66 3.07	School	0.07	1.05	1.88	2.27	2.66	3.05	3.44	4.27	5.25	
30	151.05	3.67 7.15	Student	-2.35	-0.08	1.86	2.77	3.67	4.57	5.48	7.42	9.69	
	154.99	2.45 3.07	School	-0.14	0.83	1.67	2.06	2.45	2.83	3.22	4.06	5.03	
35	152.98	3.15 7.15	Student	-2.87	-0.60	1.33	2.25	3.15	4.05	4.96	6.90	9.17	
	155.88	2.25 3.07	School	-0.34	0.64	1.47	1.86	2.25	2.63	3.03	3.86	4.83	
40	154.82	2.65 7.15	Student	-3.37	-1.10	0.84	1.75	2.65	3.55	4.46	6.40	8.67	
	156.73	2.06 3.07	School	-0.53	0.45	1.28	1.67	2.06	2.45	2.84	3.67	4.65	
45	156.60	2.17 7.15	Student	-3.85	-1.58	0.36	1.27	2.17	3.07	3.98	5.92	8.19	
	157.54	1.88 3.07	School	-0.71	0.27	1.10	1.49	1.88	2.26	2.66	3.49	4.46	
50	158.35	1.70 7.15	Student	-4.32	-2.05	-0.11	0.80	1.70	2.60	3.51	5.45	7.72	
	158.35	1.70 3.07	School	-0.89	0.09	0.92	1.31	1.70	2.08	2.48	3.31	4.29	
55	160.10	1.23 7.15	Student	-4.79	-2.52	-0.59	0.33	1.23	2.12	3.04	4.98	7.25	
	159.16	1.52 3.07	School	-1.07	-0.09	0.74	1.13	1.52	1.91	2.30	3.13	4.11	
60	161.88	0.75 7.15	Student	-5.27	-3.00	-1.07	-0.15	0.75	1.65	2.56	4.50	6.77	
	159.97	1.34 3.07	School	-1.25	-0.27	0.56	0.95	1.34	1.72	2.12	2.95	3.92	
65	163.72	0.25 7.15	Student	-5.77	-3.50	-1.56	-0.65	0.25	1.15	2.06	4.00	6.27	
	160.82	1.15 3.07	School	-1.44	-0.46	0.37	0.76	1.15	1.54	1.93	2.76	3.74	
70	165.66	-0.27 7.15	Student	-6.29	-4.02	-2.08	-1.17	-0.27	0.63	1.54	3.48	5.75	
	161.71	0.95 3.07	School	-1.64	-0.66	0.17	0.56	0.95	1.34	1.73	2.56	3.54	
75	167.75	-0.84 7.15	Student	-6.86	-4.59	-2.65	-1.74	-0.84	0.06	0.98	2.91	5.18	
	162.67	0.74 3.07	School	-1.85	-0.87	-0.04	0.35	0.74	1.12	1.52	2.35	3.32	
80	170.07	-1.46 7.15	Student	-7.48	-5.21	-3.28	-2.36	-1.46	-0.57	0.35	2.29	4.55	
	163.74	0.50 3.07	School	-2.09	-1.11	-0.28	0.11	0.50	0.89	1.28	2.11	3.09	
85	172.79	-2.20 7.15	Student	-8.22	-5.95	-4.01	-3.10	-2.20	-1.30	-0.38	1.55	3.82	
	164.99	0.22 3.07	School	-2.37	-1.39	-0.56	-0.16	0.22	0.61	1.00	1.83	2.81	
90	176.20	-3.12 7.15	Student	-9.14	-6.87	-4.93	-4.02	-3.12	-2.22	-1.31	0.63	2.90	
	166.56	-0.13 3.07	School	-2.71	-1.74	-0.91	-0.51	-0.13	0.26	0.65	1.48	2.46	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.7: Mathematics Grade 1
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	140.50	21.13	6.38	Student	15.76	17.78	19.51	20.33	21.13	21.93	22.74	24.47	26.50
	150.14	18.87	2.34	School	16.90	17.64	18.27	18.57	18.87	19.16	19.46	20.10	20.84
15	143.91	20.54	6.38	Student	15.17	17.19	18.92	19.74	20.54	21.34	22.16	23.89	25.91
	151.71	18.71	2.34	School	16.74	17.48	18.12	18.42	18.71	19.01	19.30	19.94	20.68
20	146.63	20.07	6.38	Student	14.70	16.72	18.45	19.27	20.07	20.87	21.69	23.42	25.44
	152.96	18.59	2.34	School	16.62	17.36	17.99	18.29	18.59	18.88	19.18	19.81	20.56
25	148.95	19.67	6.38	Student	14.30	16.32	18.05	18.87	19.67	20.47	21.29	23.02	25.04
	154.03	18.48	2.34	School	16.51	17.25	17.89	18.19	18.48	18.77	19.07	19.71	20.45
30	151.05	19.31	6.38	Student	13.94	15.96	17.69	18.51	19.31	20.11	20.93	22.66	24.68
	154.99	18.38	2.34	School	16.41	17.16	17.79	18.09	18.38	18.68	18.98	19.61	20.35
35	152.98	18.98	6.38	Student	13.60	15.63	17.36	18.17	18.98	19.78	20.59	22.32	24.35
	155.88	18.30	2.34	School	16.33	17.07	17.70	18.00	18.30	18.59	18.89	19.52	20.27
40	154.82	18.66	6.38	Student	13.29	15.31	17.04	17.86	18.66	19.46	20.28	22.01	24.03
	156.73	18.21	2.34	School	16.24	16.98	17.62	17.92	18.21	18.51	18.80	19.44	20.18
45	156.60	18.35	6.38	Student	12.98	15.00	16.73	17.55	18.35	19.15	19.97	21.70	23.72
	157.54	18.13	2.34	School	16.16	16.90	17.54	17.84	18.13	18.42	18.72	19.36	20.10
50	158.35	18.05	6.38	Student	12.68	14.70	16.43	17.25	18.05	18.85	19.67	21.40	23.42
	158.35	18.05	2.34	School	16.08	16.82	17.46	17.76	18.05	18.34	18.64	19.28	20.02
55	160.10	17.75	6.38	Student	12.38	14.40	16.13	16.95	17.75	18.55	19.37	21.10	23.12
	159.16	17.97	2.34	School	16.00	16.74	17.38	17.68	17.97	18.26	18.56	19.20	19.94
60	161.88	17.44	6.38	Student	12.07	14.09	15.82	16.64	17.44	18.24	19.06	20.79	22.81
	159.97	17.89	2.34	School	15.92	16.66	17.30	17.59	17.89	18.18	18.48	19.12	19.86
65	163.72	17.12	6.38	Student	11.75	13.78	15.51	16.32	17.12	17.93	18.74	20.47	22.50
	160.82	17.80	2.34	School	15.83	16.58	17.21	17.51	17.80	18.10	18.40	19.03	19.77
70	165.66	16.79	6.38	Student	11.42	13.44	15.17	15.99	16.79	17.59	18.41	20.14	22.16
	161.71	17.72	2.34	School	15.74	16.49	17.12	17.42	17.72	18.01	18.31	18.94	19.69
75	167.75	16.43	6.38	Student	11.06	13.08	14.81	15.63	16.43	17.23	18.05	19.78	21.80
	162.67	17.62	2.34	School	15.65	16.39	17.03	17.33	17.62	17.91	18.21	18.85	19.59
80	170.07	16.03	6.38	Student	10.66	12.68	14.41	15.23	16.03	16.83	17.65	19.38	21.40
	163.74	17.51	2.34	School	15.54	16.29	16.92	17.22	17.51	17.81	18.11	18.74	19.48
85	172.79	15.56	6.38	Student	10.19	12.21	13.94	14.76	15.56	16.36	17.18	18.91	20.93
	164.99	17.39	2.34	School	15.42	16.16	16.80	17.09	17.39	17.68	17.98	18.62	19.36
90	176.20	14.97	6.38	Student	9.60	11.63	13.36	14.17	14.97	15.77	16.59	18.32	20.34
	166.56	17.23	2.34	School	15.26	16.00	16.64	16.94	17.23	17.53	17.83	18.46	19.20

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.8: Mathematics Grade 1
Fall To Winter Conditional Growth Percentile

Start %ile	Status Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	144.11	11.33	5.14	Student	7.01	8.64	10.03	10.69	11.33	11.98	12.63	14.02	15.65	
	152.55	10.25	1.44	School	9.04	9.49	9.88	10.06	10.25	10.43	10.61	11.00	11.45	
15	147.16	11.10	5.14	Student	6.78	8.41	9.80	10.46	11.10	11.75	12.40	13.79	15.42	
	153.98	10.22	1.44	School	9.01	9.47	9.86	10.04	10.22	10.40	10.59	10.98	11.43	
20	149.58	10.92	5.14	Student	6.60	8.23	9.62	10.27	10.92	11.56	12.22	13.61	15.24	
	155.12	10.21	1.44	School	9.00	9.45	9.84	10.03	10.21	10.39	10.57	10.96	11.41	
25	151.66	10.76	5.14	Student	6.44	8.07	9.46	10.12	10.76	11.41	12.06	13.46	15.08	
	156.10	10.19	1.44	School	8.98	9.44	9.83	10.01	10.19	10.37	10.55	10.94	11.40	
30	153.53	10.62	5.14	Student	6.30	7.93	9.32	9.98	10.62	11.27	11.92	13.31	14.94	
	156.98	10.18	1.44	School	8.97	9.42	9.81	10.00	10.18	10.36	10.54	10.93	11.39	
35	155.26	10.49	5.14	Student	6.17	7.80	9.19	9.85	10.49	11.14	11.79	13.18	14.81	
	157.79	10.16	1.44	School	8.96	9.41	9.80	9.98	10.16	10.35	10.53	10.92	11.37	
40	156.90	10.37	5.14	Student	6.05	7.67	9.07	9.72	10.37	11.01	11.67	13.06	14.69	
	158.57	10.15	1.44	School	8.94	9.40	9.79	9.97	10.15	10.33	10.52	10.91	11.36	
45	158.49	10.25	5.14	Student	5.93	7.55	8.95	9.60	10.25	10.89	11.55	12.94	14.57	
	159.31	10.14	1.44	School	8.93	9.39	9.78	9.96	10.14	10.32	10.51	10.89	11.35	
50	160.05	10.13	5.14	Student	5.81	7.44	8.83	9.48	10.13	10.78	11.43	12.82	14.45	
	160.05	10.13	1.44	School	8.92	9.38	9.77	9.95	10.13	10.31	10.49	10.88	11.34	
55	161.61	10.01	5.14	Student	5.69	7.32	8.71	9.37	10.01	10.66	11.31	12.71	14.33	
	160.78	10.12	1.44	School	8.91	9.37	9.75	9.94	10.12	10.30	10.48	10.87	11.33	
60	163.20	9.89	5.14	Student	5.57	7.20	8.59	9.25	9.89	10.54	11.19	12.59	14.21	
	161.53	10.11	1.44	School	8.90	9.35	9.74	9.93	10.11	10.29	10.47	10.86	11.32	
65	164.84	9.77	5.14	Student	5.45	7.08	8.47	9.12	9.77	10.41	11.07	12.46	14.09	
	162.30	10.10	1.44	School	8.89	9.34	9.73	9.91	10.10	10.28	10.46	10.85	11.30	
70	166.57	9.64	5.14	Student	5.32	6.95	8.34	8.99	9.64	10.28	10.94	12.33	13.96	
	163.12	10.08	1.44	School	8.87	9.33	9.72	9.90	10.08	10.26	10.45	10.84	11.29	
75	168.44	9.50	5.14	Student	5.18	6.80	8.20	8.85	9.50	10.14	10.80	12.19	13.82	
	164.00	10.07	1.44	School	8.86	9.32	9.71	9.89	10.07	10.25	10.43	10.82	11.28	
80	170.51	9.34	5.14	Student	5.02	6.65	8.04	8.70	9.34	9.99	10.64	12.03	13.66	
	164.98	10.05	1.44	School	8.85	9.30	9.69	9.87	10.05	10.23	10.42	10.81	11.26	
85	172.94	9.16	5.14	Student	4.84	6.47	7.86	8.51	9.16	9.80	10.46	11.85	13.48	
	166.12	10.04	1.44	School	8.83	9.28	9.67	9.86	10.04	10.22	10.40	10.79	11.25	
90	175.98	8.93	5.14	Student	4.61	6.24	7.63	8.28	8.93	9.57	10.23	11.62	13.25	
	167.55	10.01	1.44	School	8.81	9.26	9.65	9.83	10.01	10.20	10.38	10.77	11.22	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.9: Mathematics Grade 1
Fall To Spring Conditional Growth Percentile

Start Status	Growth	Conditional Growth											
		CGP	20	30	40	45	50	55	60	70	80		
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	144.11	17.76	6.72	Student	12.10	14.24	16.06	16.91	17.76	18.60	19.46	21.28	23.41
	152.55	16.55	2.51	School	14.44	15.23	15.92	16.24	16.55	16.87	17.19	17.87	18.67
15	147.16	17.49	6.72	Student	11.84	13.97	15.79	16.65	17.49	18.33	19.19	21.01	23.14
	153.98	16.51	2.51	School	14.40	15.20	15.88	16.20	16.51	16.83	17.15	17.83	18.63
20	149.58	17.28	6.72	Student	11.62	13.75	15.57	16.43	17.28	18.12	18.98	20.80	22.93
	155.12	16.48	2.51	School	14.37	15.17	15.85	16.17	16.48	16.80	17.12	17.80	18.60
25	151.66	17.09	6.72	Student	11.44	13.57	15.39	16.25	17.09	17.94	18.79	20.61	22.75
	156.10	16.46	2.51	School	14.34	15.14	15.82	16.14	16.46	16.77	17.09	17.78	18.57
30	153.53	16.93	6.72	Student	11.27	13.40	15.23	16.08	16.93	17.77	18.63	20.45	22.58
	156.98	16.43	2.51	School	14.32	15.12	15.80	16.12	16.43	16.75	17.07	17.75	18.55
35	155.26	16.77	6.72	Student	11.12	13.25	15.07	15.93	16.77	17.62	18.48	20.30	22.43
	157.79	16.41	2.51	School	14.30	15.09	15.78	16.10	16.41	16.73	17.05	17.73	18.53
40	156.90	16.63	6.72	Student	10.98	13.11	14.93	15.79	16.63	17.47	18.33	20.15	22.28
	158.57	16.39	2.51	School	14.28	15.07	15.75	16.08	16.39	16.71	17.03	17.71	18.51
45	158.49	16.49	6.72	Student	10.84	12.97	14.79	15.65	16.49	17.33	18.19	20.01	22.14
	159.31	16.37	2.51	School	14.26	15.05	15.73	16.06	16.37	16.69	17.01	17.69	18.49
50	160.05	16.35	6.72	Student	10.70	12.83	14.65	15.51	16.35	17.20	18.05	19.87	22.01
	160.05	16.35	2.51	School	14.24	15.03	15.71	16.04	16.35	16.67	16.99	17.67	18.47
55	161.61	16.21	6.72	Student	10.56	12.69	14.51	15.37	16.21	17.06	17.92	19.74	21.87
	160.78	16.33	2.51	School	14.22	15.01	15.69	16.02	16.33	16.65	16.97	17.65	18.45
60	163.20	16.07	6.72	Student	10.42	12.55	14.37	15.23	16.07	16.92	17.78	19.60	21.73
	161.53	16.31	2.51	School	14.20	14.99	15.67	16.00	16.31	16.63	16.95	17.63	18.43
65	164.84	15.93	6.72	Student	10.27	12.41	14.23	15.08	15.93	16.77	17.63	19.45	21.58
	162.30	16.29	2.51	School	14.18	14.97	15.65	15.98	16.29	16.61	16.93	17.61	18.41
70	166.57	15.78	6.72	Student	10.12	12.25	14.07	14.93	15.78	16.62	17.48	19.30	21.43
	163.12	16.27	2.51	School	14.15	14.95	15.63	15.95	16.27	16.58	16.91	17.59	18.38
75	168.44	15.61	6.72	Student	9.96	12.09	13.91	14.77	15.61	16.46	17.31	19.13	21.27
	164.00	16.25	2.51	School	14.13	14.93	15.61	15.93	16.25	16.56	16.88	17.56	18.36
80	170.51	15.43	6.72	Student	9.77	11.90	13.73	14.58	15.43	16.27	17.13	18.95	21.08
	164.98	16.22	2.51	School	14.10	14.90	15.58	15.90	16.22	16.53	16.86	17.54	18.33
85	172.94	15.21	6.72	Student	9.56	11.69	13.51	14.37	15.21	16.06	16.92	18.74	20.87
	166.12	16.19	2.51	School	14.07	14.87	15.55	15.87	16.19	16.50	16.83	17.51	18.30
90	175.98	14.94	6.72	Student	9.29	11.42	13.24	14.10	14.94	15.79	16.65	18.47	20.60
	167.55	16.15	2.51	School	14.03	14.83	15.51	15.83	16.15	16.47	16.79	17.47	18.27

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.10: Mathematics Grade 1
Fall To N Fall Conditional Growth Percentile

Start Status	Growth	Conditional Growth											
		CGP	20	30	40	45	50	55	60	70	80		
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	144.11	15.23	7.30	Student	9.09	11.40	13.38	14.31	15.23	16.15	17.08	19.06	21.38
	152.55	15.05	2.28	School	13.13	13.85	14.47	14.76	15.05	15.33	15.62	16.24	16.97
15	147.16	15.22	7.30	Student	9.08	11.39	13.37	14.30	15.22	16.14	17.07	19.05	21.37
	153.98	15.07	2.28	School	13.15	13.88	14.50	14.79	15.07	15.36	15.65	16.27	16.99
20	149.58	15.22	7.30	Student	9.07	11.39	13.37	14.30	15.22	16.13	17.07	19.04	21.36
	155.12	15.09	2.28	School	13.17	13.90	14.52	14.81	15.09	15.38	15.67	16.29	17.01
25	151.66	15.21	7.30	Student	9.06	11.38	13.36	14.29	15.21	16.13	17.06	19.04	21.35
	156.10	15.11	2.28	School	13.19	13.92	14.53	14.83	15.11	15.40	15.69	16.31	17.03
30	153.53	15.20	7.30	Student	9.06	11.38	13.35	14.29	15.20	16.12	17.05	19.03	21.35
	156.98	15.13	2.28	School	13.21	13.93	14.55	14.84	15.13	15.42	15.71	16.33	17.05
35	155.26	15.20	7.30	Student	9.05	11.37	13.35	14.28	15.20	16.12	17.05	19.03	21.34
	157.79	15.14	2.28	School	13.22	13.95	14.57	14.86	15.14	15.43	15.72	16.34	17.06
40	156.90	15.19	7.30	Student	9.05	11.37	13.34	14.28	15.19	16.11	17.04	19.02	21.34
	158.57	15.16	2.28	School	13.24	13.96	14.58	14.87	15.16	15.44	15.74	16.35	17.08
45	158.49	15.19	7.30	Student	9.05	11.36	13.34	14.27	15.19	16.11	17.04	19.02	21.33
	159.31	15.17	2.28	School	13.25	13.98	14.59	14.89	15.17	15.46	15.75	16.37	17.09
50	160.05	15.19	7.30	Student	9.04	11.36	13.34	14.27	15.19	16.10	17.04	19.01	21.33
	160.05	15.19	2.28	School	13.27	13.99	14.61	14.90	15.19	15.47	15.76	16.38	17.11
55	161.61	15.18	7.30	Student	9.04	11.35	13.33	14.26	15.18	16.10	17.03	19.01	21.33
	160.78	15.20	2.28	School	13.28	14.00	14.62	14.91	15.20	15.49	15.78	16.40	17.12
60	163.20	15.18	7.30	Student	9.03	11.35	13.33	14.26	15.18	16.09	17.03	19.01	21.32
	161.53	15.21	2.28	School	13.29	14.02	14.63	14.93	15.21	15.50	15.79	16.41	17.13
65	164.84	15.17	7.30	Student	9.03	11.34	13.32	14.25	15.17	16.09	17.02	19.00	21.32
	162.30	15.23	2.28	School	13.31	14.03	14.65	14.94	15.23	15.51	15.81	16.42	17.15
70	166.57	15.17	7.30	Student	9.02	11.34	13.32	14.25	15.17	16.08	17.02	19.00	21.31
	163.12	15.24	2.28	School	13.32	14.05	14.66	14.96	15.24	15.53	15.82	16.44	17.16
75	168.44	15.16	7.30	Student	9.02	11.33	13.31	14.24	15.16	16.08	17.01	18.99	21.31
	164.00	15.26	2.28	School	13.34	14.06	14.68	14.97	15.26	15.55	15.84	16.46	17.18
80	170.51	15.16	7.30	Student	9.01	11.33	13.31	14.24	15.16	16.07	17.01	18.98	21.30
	164.98	15.28	2.28	School	13.36	14.08	14.70	14.99	15.28	15.56	15.85	16.47	17.20
85	172.94	15.15	7.30	Student	9.00	11.32	13.30	14.23	15.15	16.07	17.00	18.98	21.29
	166.12	15.30	2.28	School	13.38	14.10	14.72	15.01	15.30	15.58	15.88	16.49	17.22
90	175.98	15.14	7.30	Student	9.00	11.31	13.29	14.22	15.14	16.06	16.99	18.97	21.28
	167.55	15.32	2.28	School	13.40	14.13	14.75	15.04	15.32	15.61	15.90	16.52	17.24

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.11: Mathematics Grade 1
Winter To Spring Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	154.04	6.63	4.81	Student	2.59	4.11	5.42	6.03	6.63	7.24	7.85	9.15	10.68	
	162.56	5.97	1.06	School	5.08	5.41	5.70	5.84	5.97	6.11	6.24	6.53	6.87	
15	157.13	6.56	4.81	Student	2.51	4.03	5.34	5.95	6.56	7.16	7.77	9.08	10.60	
	164.02	6.02	1.06	School	5.13	5.46	5.75	5.89	6.02	6.15	6.29	6.58	6.91	
20	159.58	6.49	4.81	Student	2.45	3.97	5.27	5.89	6.49	7.10	7.71	9.01	10.54	
	165.18	6.06	1.06	School	5.16	5.50	5.79	5.92	6.06	6.19	6.33	6.61	6.95	
25	161.69	6.44	4.81	Student	2.39	3.92	5.22	5.83	6.44	7.04	7.66	8.96	10.48	
	166.17	6.09	1.06	School	5.20	5.53	5.82	5.96	6.09	6.22	6.36	6.65	6.98	
30	163.58	6.39	4.81	Student	2.34	3.87	5.17	5.79	6.39	6.99	7.61	8.91	10.44	
	167.06	6.12	1.06	School	5.23	5.56	5.85	5.99	6.12	6.25	6.39	6.68	7.01	
35	165.33	6.35	4.81	Student	2.30	3.82	5.13	5.74	6.35	6.95	7.56	8.87	10.39	
	167.89	6.15	1.06	School	5.25	5.59	5.88	6.01	6.15	6.28	6.42	6.70	7.04	
40	166.99	6.30	4.81	Student	2.26	3.78	5.09	5.70	6.30	6.91	7.52	8.82	10.35	
	168.67	6.17	1.06	School	5.28	5.62	5.90	6.04	6.17	6.31	6.44	6.73	7.07	
45	168.60	6.26	4.81	Student	2.22	3.74	5.04	5.66	6.26	6.87	7.48	8.78	10.31	
	169.43	6.20	1.06	School	5.30	5.64	5.93	6.06	6.20	6.33	6.47	6.75	7.09	
50	170.18	6.22	4.81	Student	2.18	3.70	5.00	5.62	6.22	6.83	7.44	8.74	10.27	
	170.18	6.22	1.06	School	5.33	5.66	5.95	6.09	6.22	6.35	6.49	6.78	7.12	
55	171.76	6.18	4.81	Student	2.14	3.66	4.96	5.58	6.18	6.78	7.40	8.70	10.23	
	170.93	6.25	1.06	School	5.35	5.69	5.98	6.11	6.25	6.38	6.51	6.80	7.14	
60	173.37	6.14	4.81	Student	2.09	3.62	4.92	5.54	6.14	6.74	7.36	8.66	10.19	
	171.68	6.27	1.06	School	5.38	5.71	6.00	6.14	6.27	6.40	6.54	6.83	7.16	
65	175.03	6.10	4.81	Student	2.05	3.58	4.88	5.49	6.10	6.70	7.32	8.62	10.14	
	172.47	6.30	1.06	School	5.40	5.74	6.03	6.16	6.30	6.43	6.57	6.85	7.19	
70	176.78	6.05	4.81	Student	2.01	3.53	4.83	5.45	6.05	6.66	7.27	8.57	10.10	
	173.29	6.32	1.06	School	5.43	5.77	6.05	6.19	6.32	6.46	6.59	6.88	7.22	
75	178.67	6.00	4.81	Student	1.96	3.48	4.79	5.40	6.00	6.61	7.22	8.52	10.05	
	174.19	6.35	1.06	School	5.46	5.80	6.08	6.22	6.35	6.49	6.62	6.91	7.25	
80	180.78	5.95	4.81	Student	1.91	3.43	4.73	5.35	5.95	6.55	7.17	8.47	10.00	
	175.18	6.39	1.06	School	5.49	5.83	6.12	6.25	6.39	6.52	6.65	6.94	7.28	
85	183.23	5.89	4.81	Student	1.84	3.37	4.67	5.28	5.89	6.49	7.11	8.41	9.93	
	176.34	6.42	1.06	School	5.53	5.87	6.15	6.29	6.42	6.56	6.69	6.98	7.32	
90	186.32	5.81	4.81	Student	1.76	3.29	4.59	5.20	5.81	6.41	7.03	8.33	9.85	
	177.79	6.47	1.06	School	5.58	5.91	6.20	6.34	6.47	6.60	6.74	7.03	7.36	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.12: Mathematics Grade 2
Last Winter To Winter Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	152.37	16.74	5.77	Student	11.89	13.72	15.28	16.02	16.74	17.47	18.20	19.77	21.60
	161.68	15.11	1.79	School	13.60	14.17	14.66	14.89	15.11	15.34	15.57	16.05	16.62
15	155.64	16.33	5.77	Student	11.48	13.31	14.87	15.61	16.33	17.05	17.79	19.35	21.18
	163.17	15.01	1.79	School	13.50	14.07	14.56	14.79	15.01	15.24	15.47	15.95	16.52
20	158.24	16.00	5.77	Student	11.15	12.98	14.54	15.28	16.00	16.73	17.46	19.03	20.86
	164.36	14.93	1.79	School	13.42	13.99	14.48	14.71	14.93	15.16	15.39	15.87	16.44
25	160.47	15.72	5.77	Student	10.87	12.70	14.26	15.00	15.72	16.45	17.18	18.75	20.58
	165.37	14.86	1.79	School	13.35	13.92	14.41	14.64	14.86	15.09	15.32	15.80	16.37
30	162.48	15.47	5.77	Student	10.62	12.44	14.01	14.74	15.47	16.19	16.93	18.49	20.32
	166.29	14.80	1.79	School	13.29	13.86	14.35	14.58	14.80	15.03	15.26	15.74	16.31
35	164.33	15.24	5.77	Student	10.38	12.21	13.77	14.51	15.24	15.96	16.70	18.26	20.09
	167.13	14.75	1.79	School	13.23	13.80	14.29	14.52	14.75	14.97	15.20	15.69	16.26
40	166.10	15.01	5.77	Student	10.16	11.99	13.55	14.29	15.01	15.74	16.47	18.04	19.87
	167.94	14.69	1.79	School	13.18	13.75	14.24	14.47	14.69	14.92	15.15	15.63	16.20
45	167.80	14.80	5.77	Student	9.94	11.77	13.34	14.07	14.80	15.52	16.26	17.82	19.65
	168.71	14.64	1.79	School	13.13	13.70	14.18	14.41	14.64	14.86	15.09	15.58	16.15
50	169.48	14.59	5.77	Student	9.73	11.56	13.13	13.86	14.59	15.31	16.05	17.61	19.44
	169.48	14.59	1.79	School	13.08	13.65	14.13	14.36	14.59	14.81	15.04	15.53	16.10
55	171.15	14.38	5.77	Student	9.52	11.35	12.92	13.65	14.38	15.10	15.84	17.40	19.23
	170.24	14.54	1.79	School	13.03	13.60	14.08	14.31	14.54	14.76	14.99	15.48	16.05
60	172.86	14.16	5.77	Student	9.31	11.14	12.70	13.44	14.16	14.89	15.62	17.19	19.02
	171.02	14.48	1.79	School	12.97	13.54	14.03	14.26	14.48	14.71	14.94	15.43	15.99
65	174.62	13.94	5.77	Student	9.09	10.92	12.48	13.22	13.94	14.66	15.40	16.96	18.79
	171.82	14.43	1.79	School	12.92	13.49	13.98	14.20	14.43	14.66	14.88	15.37	15.94
70	176.48	13.71	5.77	Student	8.85	10.68	12.25	12.98	13.71	14.43	15.17	16.73	18.56
	172.67	14.37	1.79	School	12.86	13.43	13.92	14.15	14.37	14.60	14.83	15.31	15.88
75	178.48	13.45	5.77	Student	8.60	10.43	11.99	12.73	13.45	14.18	14.92	16.48	18.31
	173.58	14.31	1.79	School	12.80	13.37	13.86	14.09	14.31	14.54	14.77	15.25	15.82
80	180.71	13.17	5.77	Student	8.32	10.15	11.71	12.45	13.17	13.90	14.63	16.20	18.03
	174.60	14.24	1.79	School	12.73	13.30	13.79	14.02	14.24	14.47	14.70	15.18	15.75
85	183.31	12.85	5.77	Student	7.99	9.82	11.38	12.12	12.85	13.57	14.31	15.87	17.70
	175.78	14.16	1.79	School	12.65	13.22	13.71	13.94	14.16	14.39	14.62	15.11	15.67
90	186.58	12.43	5.77	Student	7.58	9.41	10.97	11.71	12.43	13.16	13.89	15.46	17.29
	177.27	14.06	1.79	School	12.55	13.12	13.61	13.84	14.06	14.29	14.52	15.01	15.57

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.13: Mathematics Grade 2
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	157.64	3.43	7.05	Student	-2.50	-0.27	1.65	2.55	3.43	4.32	5.22	7.13	9.37	
	167.15	1.40	2.81	School	-0.96	-0.07	0.69	1.05	1.40	1.75	2.11	2.87	3.77	
15	161.08	2.66	7.05	Student	-3.27	-1.04	0.87	1.77	2.66	3.55	4.45	6.36	8.59	
	168.77	1.02	2.81	School	-1.35	-0.45	0.31	0.67	1.02	1.37	1.73	2.49	3.38	
20	163.82	2.05	7.05	Student	-3.89	-1.65	0.26	1.16	2.05	2.93	3.83	5.74	7.98	
	170.06	0.71	2.81	School	-1.65	-0.76	0.00	0.36	0.71	1.07	1.43	2.19	3.08	
25	166.16	1.52	7.05	Student	-4.41	-2.18	-0.26	0.64	1.52	2.41	3.31	5.22	7.46	
	171.17	0.45	2.81	School	-1.91	-1.02	-0.26	0.10	0.45	0.81	1.16	1.93	2.82	
30	168.27	1.05	7.05	Student	-4.88	-2.65	-0.74	0.16	1.05	1.94	2.84	4.75	6.98	
	172.17	0.22	2.81	School	-2.15	-1.25	-0.49	-0.13	0.22	0.57	0.93	1.69	2.58	
35	170.23	0.61	7.05	Student	-5.32	-3.09	-1.17	-0.27	0.61	1.50	2.40	4.31	6.55	
	173.09	0.00	2.81	School	-2.36	-1.47	-0.71	-0.35	0.00	0.35	0.71	1.47	2.37	
40	172.08	0.20	7.05	Student	-5.74	-3.50	-1.59	-0.69	0.20	1.08	1.98	3.89	6.13	
	173.96	-0.20	2.81	School	-2.57	-1.68	-0.92	-0.56	-0.20	0.15	0.51	1.27	2.16	
45	173.87	-0.20	7.05	Student	-6.14	-3.90	-1.99	-1.09	-0.20	0.68	1.58	3.49	5.73	
	174.81	-0.40	2.81	School	-2.77	-1.88	-1.12	-0.76	-0.40	-0.05	0.31	1.07	1.96	
50	175.64	-0.60	7.05	Student	-6.53	-4.30	-2.39	-1.49	-0.60	0.29	1.19	3.10	5.33	
	175.64	-0.60	2.81	School	-2.96	-2.07	-1.31	-0.95	-0.60	-0.25	0.11	0.87	1.76	
55	177.41	-1.00	7.05	Student	-6.93	-4.69	-2.78	-1.88	-1.00	-0.11	0.79	2.70	4.94	
	176.47	-0.80	2.81	School	-3.16	-2.27	-1.51	-1.15	-0.80	-0.44	-0.08	0.68	1.57	
60	179.20	-1.40	7.05	Student	-7.33	-5.09	-3.18	-2.28	-1.40	-0.51	0.39	2.30	4.54	
	177.32	-1.00	2.81	School	-3.36	-2.47	-1.71	-1.35	-1.00	-0.64	-0.28	0.48	1.37	
65	181.05	-1.81	7.05	Student	-7.75	-5.51	-3.60	-2.70	-1.81	-0.93	-0.03	1.88	4.12	
	178.19	-1.20	2.81	School	-3.57	-2.67	-1.91	-1.55	-1.20	-0.85	-0.49	0.27	1.16	
70	183.01	-2.25	7.05	Student	-8.18	-5.95	-4.04	-3.14	-2.25	-1.36	-0.46	1.45	3.68	
	179.11	-1.42	2.81	School	-3.78	-2.89	-2.13	-1.77	-1.42	-1.07	-0.71	0.05	0.95	
75	185.11	-2.72	7.05	Student	-8.66	-6.42	-4.51	-3.61	-2.72	-1.84	-0.94	0.98	3.21	
	180.11	-1.65	2.81	School	-4.02	-3.13	-2.37	-2.01	-1.65	-1.30	-0.94	-0.18	0.71	
80	187.46	-3.25	7.05	Student	-9.18	-6.95	-5.03	-4.13	-3.25	-2.36	-1.46	0.45	2.69	
	181.22	-1.91	2.81	School	-4.28	-3.39	-2.63	-2.27	-1.91	-1.56	-1.20	-0.44	0.45	
85	190.20	-3.86	7.05	Student	-9.79	-7.56	-5.65	-4.75	-3.86	-2.97	-2.07	-0.16	2.07	
	182.51	-2.22	2.81	School	-4.58	-3.69	-2.93	-2.57	-2.22	-1.87	-1.51	-0.75	0.15	
90	193.64	-4.63	7.05	Student	-10.6	-8.33	-6.42	-5.52	-4.63	-3.75	-2.85	-0.93	1.30	
	184.13	-2.60	2.81	School	-4.97	-4.07	-3.31	-2.95	-2.60	-2.25	-1.89	-1.13	-0.24	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.14: Mathematics Grade 2
Last Spring To Spring Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	157.64	16.54	6.25	Student	11.27	13.26	14.95	15.75	16.54	17.32	18.12	19.82	21.80
	167.15	14.82	2.30	School	12.89	13.62	14.24	14.53	14.82	15.11	15.40	16.03	16.75
15	161.08	16.01	6.25	Student	10.75	12.73	14.42	15.22	16.01	16.80	17.59	19.29	21.27
	168.77	14.62	2.30	School	12.69	13.42	14.04	14.33	14.62	14.91	15.20	15.83	16.55
20	163.82	15.59	6.25	Student	10.33	12.31	14.01	14.80	15.59	16.38	17.17	18.87	20.85
	170.06	14.46	2.30	School	12.53	13.26	13.88	14.18	14.46	14.75	15.05	15.67	16.40
25	166.16	15.23	6.25	Student	9.97	11.95	13.65	14.44	15.23	16.02	16.81	18.51	20.49
	171.17	14.33	2.30	School	12.40	13.12	13.75	14.04	14.33	14.62	14.91	15.53	16.26
30	168.27	14.91	6.25	Student	9.64	11.63	13.32	14.12	14.91	15.69	16.49	18.19	20.17
	172.17	14.21	2.30	School	12.27	13.00	13.62	13.92	14.21	14.49	14.79	15.41	16.14
35	170.23	14.61	6.25	Student	9.34	11.33	13.02	13.82	14.61	15.39	16.19	17.89	19.87
	173.09	14.09	2.30	School	12.16	12.89	13.51	13.80	14.09	14.38	14.67	15.30	16.02
40	172.08	14.32	6.25	Student	9.06	11.04	12.74	13.54	14.32	15.11	15.91	17.60	19.59
	173.96	13.98	2.30	School	12.05	12.78	13.40	13.70	13.98	14.27	14.57	15.19	15.92
45	173.87	14.05	6.25	Student	8.78	10.77	12.46	13.26	14.05	14.83	15.63	17.33	19.31
	174.81	13.88	2.30	School	11.95	12.68	13.30	13.59	13.88	14.17	14.46	15.08	15.81
50	175.64	13.78	6.25	Student	8.51	10.50	12.19	12.99	13.78	14.56	15.36	17.06	19.04
	175.64	13.78	2.30	School	11.85	12.57	13.20	13.49	13.78	14.07	14.36	14.98	15.71
55	177.41	13.51	6.25	Student	8.24	10.23	11.92	12.72	13.51	14.29	15.09	16.79	18.77
	176.47	13.68	2.30	School	11.74	12.47	13.09	13.39	13.68	13.96	14.26	14.88	15.61
60	179.20	13.23	6.25	Student	7.97	9.95	11.65	12.45	13.23	14.02	14.82	16.51	18.50
	177.32	13.57	2.30	School	11.64	12.37	12.99	13.28	13.57	13.86	14.15	14.78	15.50
65	181.05	12.95	6.25	Student	7.68	9.67	11.36	12.16	12.95	13.73	14.53	16.23	18.21
	178.19	13.46	2.30	School	11.53	12.26	12.88	13.18	13.46	13.75	14.05	14.67	15.40
70	183.01	12.65	6.25	Student	7.39	9.37	11.06	11.86	12.65	13.44	14.23	15.93	17.91
	179.11	13.35	2.30	School	11.42	12.15	12.77	13.06	13.35	13.64	13.93	14.55	15.28
75	185.11	12.33	6.25	Student	7.06	9.05	10.74	11.54	12.33	13.11	13.91	15.61	17.59
	180.11	13.23	2.30	School	11.30	12.03	12.65	12.94	13.23	13.52	13.81	14.43	15.16
80	187.46	11.97	6.25	Student	6.70	8.69	10.38	11.18	11.97	12.75	13.55	15.25	17.23
	181.22	13.09	2.30	School	11.16	11.89	12.51	12.80	13.09	13.38	13.67	14.30	15.02
85	190.20	11.55	6.25	Student	6.28	8.27	9.96	10.76	11.55	12.33	13.13	14.83	16.81
	182.51	12.93	2.30	School	11.00	11.73	12.35	12.65	12.93	13.22	13.52	14.14	14.87
90	193.64	11.02	6.25	Student	5.76	7.74	9.43	10.23	11.02	11.81	12.60	14.30	16.28
	184.13	12.73	2.30	School	10.80	11.53	12.15	12.45	12.73	13.02	13.32	13.94	14.67

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.15: Mathematics Grade 2
Fall To Winter Conditional Growth Percentile

Start %ile	Status		Growth		CGP CGI	Conditional Growth							
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70
10	158.40	10.27	5.01	Student	6.05	7.64	9.00	9.64	10.27	10.90	11.54	12.90	14.49
	167.62	9.00	1.29	School	7.91	8.32	8.67	8.84	9.00	9.17	9.33	9.68	10.09
15	161.58	10.03	5.01	Student	5.81	7.40	8.76	9.40	10.03	10.66	11.30	12.66	14.25
	169.04	9.01	1.29	School	7.92	8.33	8.68	8.84	9.01	9.17	9.34	9.69	10.10
20	164.11	9.84	5.01	Student	5.62	7.22	8.57	9.21	9.84	10.47	11.12	12.47	14.06
	170.17	9.01	1.29	School	7.92	8.33	8.68	8.85	9.01	9.17	9.34	9.69	10.10
25	166.28	9.68	5.01	Student	5.46	7.05	8.41	9.05	9.68	10.31	10.95	12.31	13.90
	171.13	9.01	1.29	School	7.92	8.33	8.69	8.85	9.01	9.18	9.34	9.69	10.10
30	168.23	9.54	5.01	Student	5.32	6.91	8.27	8.91	9.54	10.17	10.81	12.17	13.76
	172.00	9.02	1.29	School	7.93	8.34	8.69	8.85	9.02	9.18	9.34	9.70	10.11
35	170.04	9.40	5.01	Student	5.18	6.77	8.13	8.77	9.40	10.03	10.67	12.03	13.62
	172.81	9.02	1.29	School	7.93	8.34	8.69	8.86	9.02	9.18	9.35	9.70	10.11
40	171.75	9.27	5.01	Student	5.05	6.64	8.00	8.64	9.27	9.90	10.54	11.90	13.49
	173.57	9.02	1.29	School	7.93	8.34	8.69	8.86	9.02	9.18	9.35	9.70	10.11
45	173.41	9.15	5.01	Student	4.93	6.52	7.88	8.52	9.15	9.78	10.42	11.78	13.37
	174.31	9.02	1.29	School	7.93	8.34	8.70	8.86	9.02	9.19	9.35	9.70	10.11
50	175.04	9.03	5.01	Student	4.81	6.40	7.76	8.40	9.03	9.66	10.30	11.66	13.25
	175.04	9.03	1.29	School	7.94	8.35	8.70	8.86	9.03	9.19	9.35	9.70	10.12
55	176.67	8.90	5.01	Student	4.68	6.27	7.63	8.27	8.90	9.53	10.17	11.53	13.12
	175.77	9.03	1.29	School	7.94	8.35	8.70	8.87	9.03	9.19	9.36	9.71	10.12
60	178.33	8.78	5.01	Student	4.56	6.15	7.51	8.15	8.78	9.41	10.05	11.41	13.00
	176.51	9.03	1.29	School	7.94	8.35	8.70	8.87	9.03	9.19	9.36	9.71	10.12
65	180.04	8.65	5.01	Student	4.43	6.02	7.38	8.02	8.65	9.28	9.92	11.28	12.87
	177.27	9.03	1.29	School	7.94	8.35	8.70	8.87	9.03	9.20	9.36	9.71	10.12
70	181.85	8.52	5.01	Student	4.30	5.89	7.24	7.89	8.52	9.15	9.79	11.14	12.74
	178.08	9.04	1.29	School	7.95	8.36	8.71	8.87	9.04	9.20	9.36	9.71	10.12
75	183.80	8.37	5.01	Student	4.15	5.74	7.10	7.74	8.37	9.00	9.64	11.00	12.59
	178.95	9.04	1.29	School	7.95	8.36	8.71	8.88	9.04	9.20	9.37	9.72	10.13
80	185.97	8.21	5.01	Student	3.99	5.58	6.94	7.58	8.21	8.84	9.48	10.84	12.43
	179.91	9.04	1.29	School	7.95	8.36	8.71	8.88	9.04	9.20	9.37	9.72	10.13
85	188.50	8.02	5.01	Student	3.80	5.39	6.75	7.39	8.02	8.65	9.29	10.65	12.24
	181.04	9.04	1.29	School	7.95	8.37	8.72	8.88	9.04	9.21	9.37	9.72	10.13
90	191.68	7.78	5.01	Student	3.56	5.15	6.51	7.15	7.78	8.41	9.05	10.41	12.00
	182.46	9.05	1.29	School	7.96	8.37	8.72	8.89	9.05	9.21	9.38	9.73	10.14

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.16: Mathematics Grade 2
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	158.40	15.89	6.43	Student	10.48	12.52	14.26	15.09	15.89	16.70	17.52	19.27	21.31
	167.62	14.34	2.27	School	12.43	13.15	13.76	14.05	14.34	14.62	14.91	15.53	16.24
15	161.58	15.60	6.43	Student	10.19	12.23	13.97	14.80	15.60	16.41	17.23	18.98	21.02
	169.04	14.35	2.27	School	12.44	13.16	13.77	14.06	14.35	14.63	14.92	15.53	16.25
20	164.11	15.37	6.43	Student	9.96	12.00	13.74	14.57	15.37	16.18	17.00	18.75	20.79
	170.17	14.35	2.27	School	12.45	13.16	13.78	14.07	14.35	14.64	14.93	15.54	16.26
25	166.28	15.18	6.43	Student	9.76	11.80	13.55	14.37	15.18	15.98	16.81	18.55	20.59
	171.13	14.36	2.27	School	12.45	13.17	13.78	14.07	14.36	14.64	14.93	15.54	16.26
30	168.23	15.00	6.43	Student	9.59	11.63	13.37	14.19	15.00	15.81	16.63	18.37	20.41
	172.00	14.36	2.27	School	12.46	13.17	13.79	14.08	14.36	14.65	14.94	15.55	16.27
35	170.04	14.83	6.43	Student	9.42	11.46	13.20	14.03	14.83	15.64	16.46	18.21	20.25
	172.81	14.37	2.27	School	12.46	13.18	13.79	14.08	14.37	14.65	14.94	15.55	16.27
40	171.75	14.68	6.43	Student	9.26	11.30	13.05	13.87	14.68	15.49	16.31	18.05	20.09
	173.57	14.37	2.27	School	12.46	13.18	13.80	14.09	14.37	14.65	14.94	15.56	16.28
45	173.41	14.53	6.43	Student	9.11	11.15	12.90	13.72	14.53	15.34	16.16	17.90	19.94
	174.31	14.37	2.27	School	12.47	13.19	13.80	14.09	14.37	14.66	14.95	15.56	16.28
50	175.04	14.38	6.43	Student	8.96	11.01	12.75	13.57	14.38	15.19	16.01	17.75	19.79
	175.04	14.38	2.27	School	12.47	13.19	13.80	14.09	14.38	14.66	14.95	15.57	16.28
55	176.67	14.23	6.43	Student	8.82	10.86	12.60	13.42	14.23	15.04	15.86	17.60	19.64
	175.77	14.38	2.27	School	12.48	13.19	13.81	14.10	14.38	14.67	14.96	15.57	16.29
60	178.33	14.08	6.43	Student	8.66	10.71	12.45	13.27	14.08	14.89	15.71	17.45	19.49
	176.51	14.39	2.27	School	12.48	13.20	13.81	14.10	14.39	14.67	14.96	15.57	16.29
65	180.04	13.92	6.43	Student	8.51	10.55	12.29	13.11	13.92	14.73	15.55	17.30	19.34
	177.27	14.39	2.27	School	12.48	13.20	13.82	14.11	14.39	14.68	14.96	15.58	16.30
70	181.85	13.76	6.43	Student	8.34	10.38	12.13	12.95	13.76	14.57	15.39	17.13	19.17
	178.08	14.39	2.27	School	12.49	13.21	13.82	14.11	14.39	14.68	14.97	15.58	16.30
75	183.80	13.58	6.43	Student	8.17	10.21	11.95	12.77	13.58	14.39	15.21	16.95	18.99
	178.95	14.40	2.27	School	12.49	13.21	13.83	14.11	14.40	14.68	14.97	15.59	16.31
80	185.97	13.38	6.43	Student	7.97	10.01	11.75	12.57	13.38	14.19	15.01	16.76	18.80
	179.91	14.40	2.27	School	12.50	13.22	13.83	14.12	14.40	14.69	14.98	15.59	16.31
85	188.50	13.15	6.43	Student	7.74	9.78	11.52	12.34	13.15	13.96	14.78	16.53	18.57
	181.04	14.41	2.27	School	12.50	13.22	13.84	14.13	14.41	14.70	14.98	15.60	16.32
90	191.68	12.86	6.43	Student	7.45	9.49	11.23	12.05	12.86	13.67	14.49	16.24	18.28
	182.46	14.42	2.27	School	12.51	13.23	13.84	14.13	14.42	14.70	14.99	15.61	16.33

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.17: Mathematics Grade 2
Fall To N Fall Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	158.40	13.99	6.48	Student	8.53	10.59	12.35	13.18	13.99	14.81	15.63	17.39	19.45
	167.62	13.16	1.74	School	11.70	12.25	12.72	12.94	13.16	13.38	13.60	14.07	14.63
15	161.58	13.86	6.48	Student	8.40	10.46	12.22	13.05	13.86	14.67	15.50	17.26	19.32
	169.04	13.19	1.74	School	11.73	12.28	12.75	12.97	13.19	13.41	13.63	14.10	14.65
20	164.11	13.76	6.48	Student	8.30	10.36	12.11	12.94	13.76	14.57	15.40	17.16	19.21
	170.17	13.21	1.74	School	11.75	12.30	12.77	12.99	13.21	13.43	13.65	14.12	14.67
25	166.28	13.67	6.48	Student	8.21	10.27	12.02	12.85	13.67	14.48	15.31	17.07	19.12
	171.13	13.23	1.74	School	11.77	12.32	12.79	13.01	13.23	13.45	13.67	14.14	14.69
30	168.23	13.59	6.48	Student	8.13	10.19	11.94	12.77	13.59	14.40	15.23	16.98	19.04
	172.00	13.25	1.74	School	11.78	12.33	12.81	13.03	13.25	13.46	13.69	14.16	14.71
35	170.04	13.51	6.48	Student	8.05	10.11	11.87	12.70	13.51	14.33	15.15	16.91	18.97
	172.81	13.26	1.74	School	11.80	12.35	12.82	13.04	13.26	13.48	13.70	14.17	14.72
40	171.75	13.44	6.48	Student	7.98	10.04	11.80	12.62	13.44	14.25	15.08	16.84	18.90
	173.57	13.28	1.74	School	11.81	12.36	12.84	13.06	13.28	13.49	13.72	14.19	14.74
45	173.41	13.37	6.48	Student	7.91	9.97	11.73	12.56	13.37	14.19	15.01	16.77	18.83
	174.31	13.29	1.74	School	11.83	12.38	12.85	13.07	13.29	13.51	13.73	14.20	14.75
50	175.04	13.30	6.48	Student	7.85	9.90	11.66	12.49	13.30	14.12	14.95	16.70	18.76
	175.04	13.30	1.74	School	11.84	12.39	12.86	13.09	13.30	13.52	13.74	14.22	14.77
55	176.67	13.24	6.48	Student	7.78	9.84	11.59	12.42	13.24	14.05	14.88	16.64	18.69
	175.77	13.32	1.74	School	11.85	12.41	12.88	13.10	13.32	13.54	13.76	14.23	14.78
60	178.33	13.17	6.48	Student	7.71	9.77	11.53	12.35	13.17	13.98	14.81	16.57	18.62
	176.51	13.33	1.74	School	11.87	12.42	12.89	13.11	13.33	13.55	13.77	14.24	14.79
65	180.04	13.10	6.48	Student	7.64	9.70	11.45	12.28	13.10	13.91	14.74	16.50	18.55
	177.27	13.35	1.74	School	11.88	12.43	12.91	13.13	13.35	13.56	13.79	14.26	14.81
70	181.85	13.02	6.48	Student	7.57	9.62	11.38	12.21	13.02	13.84	14.66	16.42	18.48
	178.08	13.36	1.74	School	11.90	12.45	12.92	13.14	13.36	13.58	13.80	14.27	14.82
75	183.80	12.94	6.48	Student	7.49	9.54	11.30	12.13	12.94	13.76	14.58	16.34	18.40
	178.95	13.38	1.74	School	11.91	12.47	12.94	13.16	13.38	13.60	13.82	14.29	14.84
80	185.97	12.85	6.48	Student	7.40	9.45	11.21	12.04	12.85	13.67	14.49	16.25	18.31
	179.91	13.40	1.74	School	11.93	12.48	12.96	13.18	13.40	13.61	13.84	14.31	14.86
85	188.50	12.75	6.48	Student	7.29	9.35	11.10	11.93	12.75	13.56	14.39	16.15	18.20
	181.04	13.42	1.74	School	11.95	12.51	12.98	13.20	13.42	13.64	13.86	14.33	14.88
90	191.68	12.62	6.48	Student	7.16	9.22	10.97	11.80	12.62	13.43	14.26	16.02	18.07
	182.46	13.45	1.74	School	11.98	12.53	13.00	13.23	13.45	13.66	13.89	14.36	14.91

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.18: Mathematics Grade 2
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	167.39	5.91	4.73	Student	1.93	3.43	4.71	5.32	5.91	6.50	7.11	8.39	9.89
	176.44	5.07	0.95	School	4.27	4.57	4.83	4.95	5.07	5.18	5.30	5.56	5.86
15	170.58	5.80	4.73	Student	1.82	3.32	4.61	5.21	5.80	6.40	7.00	8.28	9.78
	177.90	5.12	0.95	School	4.32	4.62	4.88	5.00	5.12	5.24	5.36	5.62	5.92
20	173.11	5.72	4.73	Student	1.74	3.24	4.52	5.12	5.72	6.31	6.92	8.20	9.70
	179.06	5.16	0.95	School	4.37	4.67	4.92	5.05	5.16	5.28	5.40	5.66	5.96
25	175.29	5.65	4.73	Student	1.67	3.17	4.45	5.05	5.65	6.24	6.84	8.13	9.63
	180.05	5.20	0.95	School	4.41	4.71	4.96	5.08	5.20	5.32	5.44	5.70	6.00
30	177.24	5.58	4.73	Student	1.60	3.10	4.38	4.99	5.58	6.17	6.78	8.06	9.56
	180.94	5.23	0.95	School	4.44	4.74	5.00	5.12	5.23	5.35	5.47	5.73	6.03
35	179.05	5.52	4.73	Student	1.54	3.04	4.32	4.93	5.52	6.11	6.72	8.00	9.50
	181.77	5.27	0.95	School	4.47	4.77	5.03	5.15	5.27	5.38	5.51	5.76	6.06
40	180.77	5.46	4.73	Student	1.48	2.98	4.26	4.87	5.46	6.06	6.66	7.94	9.44
	182.56	5.30	0.95	School	4.50	4.80	5.06	5.18	5.30	5.41	5.54	5.79	6.09
45	182.43	5.41	4.73	Student	1.43	2.93	4.21	4.81	5.41	6.00	6.61	7.89	9.39
	183.32	5.32	0.95	School	4.53	4.83	5.09	5.21	5.32	5.44	5.56	5.82	6.12
50	184.07	5.35	4.73	Student	1.37	2.87	4.15	4.76	5.35	5.95	6.55	7.83	9.33
	184.07	5.35	0.95	School	4.56	4.86	5.11	5.23	5.35	5.47	5.59	5.85	6.15
55	185.70	5.30	4.73	Student	1.32	2.82	4.10	4.70	5.30	5.89	6.50	7.78	9.28
	184.81	5.38	0.95	School	4.59	4.89	5.14	5.26	5.38	5.50	5.62	5.88	6.18
60	187.36	5.24	4.73	Student	1.26	2.76	4.04	4.65	5.24	5.84	6.44	7.72	9.22
	185.57	5.41	0.95	School	4.61	4.91	5.17	5.29	5.41	5.53	5.65	5.91	6.20
65	189.08	5.19	4.73	Student	1.21	2.71	3.99	4.59	5.19	5.78	6.38	7.66	9.17
	186.36	5.44	0.95	School	4.64	4.94	5.20	5.32	5.44	5.56	5.68	5.93	6.23
70	190.89	5.12	4.73	Student	1.14	2.64	3.93	4.53	5.12	5.72	6.32	7.60	9.10
	187.19	5.47	0.95	School	4.67	4.97	5.23	5.35	5.47	5.59	5.71	5.97	6.27
75	192.84	5.06	4.73	Student	1.08	2.58	3.86	4.47	5.06	5.65	6.26	7.54	9.04
	188.08	5.50	0.95	School	4.71	5.01	5.26	5.39	5.50	5.62	5.74	6.00	6.30
80	195.02	4.99	4.73	Student	1.01	2.51	3.79	4.39	4.99	5.58	6.18	7.47	8.97
	189.07	5.54	0.95	School	4.75	5.05	5.30	5.42	5.54	5.66	5.78	6.04	6.34
85	197.55	4.90	4.73	Student	0.92	2.42	3.70	4.31	4.90	5.50	6.10	7.38	8.88
	190.23	5.59	0.95	School	4.79	5.09	5.35	5.47	5.59	5.70	5.82	6.08	6.38
90	200.74	4.80	4.73	Student	0.82	2.32	3.60	4.20	4.80	5.39	5.99	7.28	8.78
	191.69	5.64	0.95	School	4.84	5.14	5.40	5.52	5.64	5.76	5.88	6.14	6.44

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.19: Mathematics Grade 3
Last Winter To Winter Conditional Growth Percentile

Start Status	Growth	Conditional Growth											
		CGP	20	30	40	45	50	55	60	70	80		
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	166.64	13.67	5.63	Student	8.93	10.72	12.25	12.96	13.67	14.38	15.10	16.63	18.41
	176.15	12.39	1.68	School	10.97	11.50	11.96	12.17	12.39	12.60	12.81	13.27	13.80
15	169.92	13.43	5.63	Student	8.69	10.48	12.01	12.73	13.43	14.14	14.86	16.39	18.18
	177.61	12.39	1.68	School	10.98	11.51	11.97	12.18	12.39	12.61	12.82	13.28	13.81
20	172.53	13.25	5.63	Student	8.50	10.29	11.82	12.54	13.25	13.95	14.67	16.20	17.99
	178.77	12.40	1.68	School	10.99	11.52	11.97	12.19	12.40	12.61	12.83	13.28	13.82
25	174.77	13.08	5.63	Student	8.34	10.13	11.66	12.38	13.08	13.79	14.51	16.04	17.83
	179.77	12.41	1.68	School	10.99	11.52	11.98	12.20	12.41	12.62	12.83	13.29	13.82
30	176.78	12.94	5.63	Student	8.20	9.98	11.51	12.23	12.94	13.65	14.37	15.89	17.68
	180.67	12.41	1.68	School	11.00	11.53	11.99	12.20	12.41	12.62	12.84	13.29	13.83
35	178.64	12.80	5.63	Student	8.06	9.85	11.38	12.10	12.80	13.51	14.23	15.76	17.54
	181.50	12.42	1.68	School	11.00	11.53	11.99	12.20	12.42	12.63	12.84	13.30	13.83
40	180.41	12.67	5.63	Student	7.93	9.72	11.25	11.97	12.67	13.38	14.10	15.63	17.42
	182.29	12.42	1.68	School	11.01	11.54	11.99	12.21	12.42	12.63	12.85	13.30	13.84
45	182.12	12.55	5.63	Student	7.81	9.60	11.12	11.84	12.55	13.26	13.98	15.51	17.29
	183.05	12.42	1.68	School	11.01	11.54	12.00	12.21	12.42	12.64	12.85	13.31	13.84
50	183.80	12.43	5.63	Student	7.69	9.47	11.00	11.72	12.43	13.14	13.86	15.38	17.17
	183.80	12.43	1.68	School	11.01	11.55	12.00	12.22	12.43	12.64	12.86	13.31	13.84
55	185.48	12.31	5.63	Student	7.57	9.35	10.88	11.60	12.31	13.02	13.73	15.26	17.05
	184.55	12.43	1.68	School	11.02	11.55	12.01	12.22	12.43	12.64	12.86	13.32	13.85
60	187.19	12.18	5.63	Student	7.44	9.23	10.76	11.48	12.18	12.89	13.61	15.14	16.92
	185.31	12.44	1.68	School	11.02	11.56	12.01	12.23	12.44	12.65	12.86	13.32	13.85
65	188.96	12.06	5.63	Student	7.31	9.10	10.63	11.35	12.06	12.76	13.48	15.01	16.80
	186.10	12.44	1.68	School	11.03	11.56	12.02	12.23	12.44	12.65	12.87	13.32	13.86
70	190.82	11.92	5.63	Student	7.18	8.97	10.49	11.21	11.92	12.63	13.35	14.87	16.66
	186.93	12.45	1.68	School	11.03	11.56	12.02	12.24	12.45	12.66	12.87	13.33	13.86
75	192.83	11.77	5.63	Student	7.03	8.82	10.35	11.07	11.77	12.48	13.20	14.73	16.52
	187.83	12.45	1.68	School	11.04	11.57	12.03	12.24	12.45	12.66	12.88	13.33	13.87
80	195.07	11.61	5.63	Student	6.87	8.66	10.19	10.90	11.61	12.32	13.04	14.57	16.35
	188.83	12.46	1.68	School	11.04	11.58	12.03	12.25	12.46	12.67	12.88	13.34	13.87
85	197.68	11.42	5.63	Student	6.68	8.47	10.00	10.72	11.42	12.13	12.85	14.38	16.16
	189.99	12.46	1.68	School	11.05	11.58	12.04	12.25	12.46	12.68	12.89	13.35	13.88
90	200.96	11.19	5.63	Student	6.44	8.23	9.76	10.48	11.19	11.89	12.61	14.14	15.93
	191.45	12.47	1.68	School	11.06	11.59	12.05	12.26	12.47	12.68	12.90	13.35	13.89

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.20: Mathematics Grade 3
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	171.79	1.77	6.74	Student	-3.90	-1.76	0.06	0.92	1.77	2.62	3.48	5.30	7.44	
	181.36	0.15	2.44	School	-1.91	-1.14	-0.47	-0.16	0.15	0.45	0.76	1.43	2.20	
15	175.18	1.24	6.74	Student	-4.43	-2.30	-0.47	0.39	1.24	2.08	2.94	4.77	6.91	
	182.92	-0.08	2.44	School	-2.14	-1.36	-0.70	-0.39	-0.08	0.23	0.54	1.20	1.98	
20	177.87	0.81	6.74	Student	-4.86	-2.72	-0.90	-0.03	0.81	1.66	2.52	4.34	6.48	
	184.15	-0.26	2.44	School	-2.31	-1.54	-0.87	-0.56	-0.26	0.05	0.36	1.03	1.80	
25	180.18	0.45	6.74	Student	-5.22	-3.09	-1.26	-0.40	0.45	1.29	2.15	3.98	6.12	
	185.22	-0.41	2.44	School	-2.46	-1.69	-1.03	-0.71	-0.41	-0.10	0.21	0.87	1.65	
30	182.25	0.12	6.74	Student	-5.55	-3.41	-1.59	-0.73	0.12	0.97	1.83	3.65	5.79	
	186.17	-0.54	2.44	School	-2.60	-1.83	-1.16	-0.85	-0.54	-0.24	0.07	0.74	1.51	
35	184.17	-0.18	6.74	Student	-5.85	-3.72	-1.89	-1.03	-0.18	0.66	1.52	3.35	5.49	
	187.05	-0.67	2.44	School	-2.73	-1.95	-1.29	-0.98	-0.67	-0.36	-0.05	0.61	1.39	
40	186.00	-0.47	6.74	Student	-6.14	-4.00	-2.18	-1.32	-0.47	0.38	1.24	3.06	5.20	
	187.89	-0.79	2.44	School	-2.85	-2.07	-1.41	-1.10	-0.79	-0.48	-0.17	0.49	1.27	
45	187.76	-0.75	6.74	Student	-6.42	-4.28	-2.45	-1.59	-0.75	0.10	0.96	2.78	4.92	
	188.70	-0.91	2.44	School	-2.96	-2.19	-1.53	-1.21	-0.91	-0.60	-0.29	0.37	1.15	
50	189.50	-1.02	6.74	Student	-6.69	-4.55	-2.73	-1.87	-1.02	-0.18	0.68	2.51	4.65	
	189.50	-1.02	2.44	School	-3.08	-2.30	-1.64	-1.33	-1.02	-0.71	-0.40	0.26	1.04	
55	191.24	-1.30	6.74	Student	-6.97	-4.83	-3.00	-2.14	-1.30	-0.45	0.41	2.24	4.37	
	190.30	-1.14	2.44	School	-3.19	-2.42	-1.76	-1.44	-1.14	-0.83	-0.52	0.15	0.92	
60	193.00	-1.57	6.74	Student	-7.24	-5.11	-3.28	-2.42	-1.57	-0.73	0.13	1.96	4.10	
	191.11	-1.25	2.44	School	-3.31	-2.53	-1.87	-1.56	-1.25	-0.95	-0.63	0.03	0.80	
65	194.82	-1.86	6.74	Student	-7.53	-5.39	-3.57	-2.71	-1.86	-1.01	-0.15	1.67	3.81	
	191.95	-1.37	2.44	School	-3.43	-2.65	-1.99	-1.68	-1.37	-1.07	-0.75	-0.09	0.68	
70	196.74	-2.16	6.74	Student	-7.83	-5.70	-3.87	-3.01	-2.16	-1.32	-0.46	1.37	3.51	
	192.83	-1.50	2.44	School	-3.56	-2.78	-2.12	-1.81	-1.50	-1.19	-0.88	-0.22	0.56	
75	198.82	-2.49	6.74	Student	-8.16	-6.02	-4.20	-3.34	-2.49	-1.65	-0.78	1.04	3.18	
	193.78	-1.64	2.44	School	-3.69	-2.92	-2.26	-1.94	-1.64	-1.33	-1.02	-0.35	0.42	
80	201.13	-2.86	6.74	Student	-8.53	-6.39	-4.56	-3.70	-2.86	-2.01	-1.15	0.68	2.81	
	194.84	-1.79	2.44	School	-3.85	-3.07	-2.41	-2.10	-1.79	-1.48	-1.17	-0.51	0.27	
85	203.82	-3.28	6.74	Student	-8.95	-6.81	-4.99	-4.13	-3.28	-2.43	-1.57	0.25	2.39	
	196.08	-1.97	2.44	School	-4.02	-3.25	-2.59	-2.27	-1.97	-1.66	-1.35	-0.68	0.09	
90	207.21	-3.81	6.74	Student	-9.48	-7.35	-5.52	-4.66	-3.81	-2.97	-2.11	-0.28	1.86	
	197.64	-2.19	2.44	School	-4.25	-3.47	-2.81	-2.50	-2.19	-1.88	-1.57	-0.91	-0.13	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.21: Mathematics Grade 3
Last Spring To Spring Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	171.79	13.08	6.25	Student	7.82	9.80	11.50	12.30	13.08	13.87	14.66	16.36	18.34
	181.36	11.77	2.21	School	9.91	10.61	11.21	11.50	11.77	12.05	12.33	12.93	13.64
15	175.18	12.79	6.25	Student	7.54	9.52	11.21	12.01	12.79	13.58	14.38	16.07	18.05
	182.92	11.74	2.21	School	9.87	10.58	11.18	11.46	11.74	12.01	12.30	12.90	13.60
20	177.87	12.56	6.25	Student	7.31	9.29	10.98	11.78	12.56	13.35	14.15	15.84	17.82
	184.15	11.71	2.21	School	9.84	10.55	11.15	11.43	11.71	11.98	12.27	12.87	13.57
25	180.18	12.37	6.25	Student	7.11	9.09	10.79	11.58	12.37	13.15	13.95	15.64	17.63
	185.22	11.68	2.21	School	9.82	10.52	11.12	11.40	11.68	11.96	12.24	12.84	13.54
30	182.25	12.19	6.25	Student	6.94	8.92	10.61	11.41	12.19	12.98	13.78	15.47	17.45
	186.17	11.66	2.21	School	9.80	10.50	11.10	11.38	11.66	11.94	12.22	12.82	13.52
35	184.17	12.03	6.25	Student	6.77	8.75	10.45	11.25	12.03	12.82	13.61	15.31	17.29
	187.05	11.64	2.21	School	9.78	10.48	11.08	11.36	11.64	11.92	12.20	12.80	13.50
40	186.00	11.88	6.25	Student	6.62	8.60	10.29	11.09	11.88	12.66	13.46	15.15	17.13
	187.89	11.62	2.21	School	9.76	10.46	11.06	11.34	11.62	11.90	12.18	12.78	13.48
45	187.76	11.73	6.25	Student	6.47	8.45	10.14	10.94	11.73	12.51	13.31	15.00	16.98
	188.70	11.60	2.21	School	9.74	10.44	11.04	11.32	11.60	11.88	12.16	12.76	13.46
50	189.50	11.58	6.25	Student	6.32	8.30	10.00	10.79	11.58	12.36	13.16	14.85	16.84
	189.50	11.58	2.21	School	9.72	10.42	11.02	11.30	11.58	11.86	12.14	12.74	13.44
55	191.24	11.43	6.25	Student	6.18	8.16	9.85	10.65	11.43	12.22	13.01	14.71	16.69
	190.30	11.56	2.21	School	9.70	10.40	11.00	11.28	11.56	11.84	12.12	12.72	13.42
60	193.00	11.28	6.25	Student	6.03	8.01	9.70	10.50	11.28	12.07	12.86	14.56	16.54
	191.11	11.54	2.21	School	9.68	10.38	10.98	11.26	11.54	11.82	12.10	12.70	13.40
65	194.82	11.13	6.25	Student	5.87	7.85	9.55	10.34	11.13	11.91	12.71	14.40	16.38
	191.95	11.52	2.21	School	9.66	10.36	10.96	11.24	11.52	11.80	12.08	12.68	13.38
70	196.74	10.97	6.25	Student	5.71	7.69	9.38	10.18	10.97	11.75	12.55	14.24	16.22
	192.83	11.50	2.21	School	9.64	10.34	10.94	11.22	11.50	11.78	12.06	12.66	13.36
75	198.82	10.79	6.25	Student	5.53	7.51	9.21	10.00	10.79	11.57	12.37	14.06	16.05
	193.78	11.48	2.21	School	9.62	10.32	10.92	11.20	11.48	11.76	12.04	12.64	13.34
80	201.13	10.59	6.25	Student	5.34	7.32	9.01	9.81	10.59	11.38	12.18	13.87	15.85
	194.84	11.45	2.21	School	9.59	10.29	10.89	11.17	11.45	11.73	12.01	12.61	13.31
85	203.82	10.37	6.25	Student	5.11	7.09	8.78	9.58	10.37	11.15	11.95	13.64	15.62
	196.08	11.42	2.21	School	9.56	10.26	10.86	11.14	11.42	11.70	11.98	12.58	13.28
90	207.21	10.08	6.25	Student	4.82	6.80	8.50	9.29	10.08	10.86	11.66	13.35	15.34
	197.64	11.39	2.21	School	9.52	10.22	10.82	11.11	11.39	11.66	11.95	12.55	13.25

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.22: Mathematics Grade 3
Fall To Winter Conditional Growth Percentile

Start Status	Growth	Conditional Growth											
		CGP	20	30	40	45	50	55	60	70	80		
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	171.24	8.69	4.94	Student	4.54	6.11	7.44	8.07	8.69	9.31	9.95	11.28	12.85
	180.83	7.55	1.20	School	6.54	6.92	7.25	7.40	7.55	7.70	7.86	8.18	8.57
15	174.54	8.51	4.94	Student	4.36	5.93	7.26	7.89	8.51	9.13	9.77	11.10	12.67
	182.30	7.59	1.20	School	6.58	6.96	7.29	7.44	7.59	7.74	7.90	8.22	8.60
20	177.16	8.37	4.94	Student	4.22	5.78	7.12	7.75	8.37	8.99	9.62	10.96	12.53
	183.46	7.62	1.20	School	6.61	6.99	7.32	7.47	7.62	7.77	7.93	8.25	8.63
25	179.41	8.25	4.94	Student	4.09	5.66	7.00	7.63	8.25	8.87	9.50	10.84	12.40
	184.45	7.65	1.20	School	6.63	7.02	7.34	7.50	7.65	7.80	7.95	8.28	8.66
30	181.42	8.14	4.94	Student	3.98	5.55	6.89	7.52	8.14	8.76	9.39	10.73	12.29
	185.35	7.67	1.20	School	6.66	7.04	7.37	7.52	7.67	7.82	7.98	8.30	8.68
35	183.29	8.04	4.94	Student	3.88	5.45	6.79	7.42	8.04	8.66	9.29	10.63	12.19
	186.18	7.69	1.20	School	6.68	7.06	7.39	7.54	7.69	7.84	8.00	8.32	8.71
40	185.07	7.94	4.94	Student	3.78	5.35	6.69	7.32	7.94	8.56	9.19	10.53	12.09
	186.97	7.71	1.20	School	6.70	7.08	7.41	7.56	7.71	7.86	8.02	8.34	8.73
45	186.79	7.85	4.94	Student	3.69	5.26	6.59	7.22	7.85	8.47	9.10	10.43	12.00
	187.73	7.73	1.20	School	6.72	7.10	7.43	7.58	7.73	7.88	8.04	8.36	8.75
50	188.48	7.75	4.94	Student	3.60	5.16	6.50	7.13	7.75	8.37	9.00	10.34	11.91
	188.48	7.75	1.20	School	6.74	7.12	7.45	7.60	7.75	7.90	8.06	8.38	8.77
55	190.17	7.66	4.94	Student	3.51	5.07	6.41	7.04	7.66	8.28	8.91	10.25	11.82
	189.23	7.77	1.20	School	6.76	7.14	7.47	7.62	7.77	7.92	8.08	8.40	8.79
60	191.88	7.57	4.94	Student	3.41	4.98	6.32	6.95	7.57	8.19	8.82	10.16	11.72
	189.99	7.79	1.20	School	6.78	7.16	7.49	7.64	7.79	7.94	8.10	8.42	8.81
65	193.66	7.47	4.94	Student	3.31	4.88	6.22	6.85	7.47	8.09	8.72	10.06	11.63
	190.77	7.81	1.20	School	6.80	7.18	7.51	7.66	7.81	7.96	8.12	8.44	8.83
70	195.53	7.37	4.94	Student	3.21	4.78	6.12	6.75	7.37	7.99	8.62	9.96	11.52
	191.60	7.83	1.20	School	6.82	7.20	7.53	7.68	7.83	7.99	8.14	8.47	8.85
75	197.55	7.26	4.94	Student	3.10	4.67	6.01	6.64	7.26	7.88	8.51	9.85	11.41
	192.50	7.86	1.20	School	6.84	7.23	7.55	7.71	7.86	8.01	8.16	8.49	8.87
80	199.80	7.13	4.94	Student	2.98	4.55	5.88	6.51	7.13	7.76	8.39	9.72	11.29
	193.50	7.88	1.20	School	6.87	7.25	7.58	7.73	7.88	8.04	8.19	8.51	8.90
85	202.41	6.99	4.94	Student	2.84	4.40	5.74	6.37	6.99	7.61	8.24	9.58	11.15
	194.66	7.91	1.20	School	6.90	7.28	7.61	7.76	7.91	8.07	8.22	8.55	8.93
90	205.71	6.81	4.94	Student	2.66	4.22	5.56	6.19	6.81	7.43	8.06	9.40	10.97
	196.12	7.95	1.20	School	6.94	7.32	7.65	7.80	7.95	8.10	8.26	8.58	8.97

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.23: Mathematics Grade 3
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth										
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	171.24	13.61	6.21	Student	8.38	10.35	12.03	12.83	13.61	14.39	15.18	16.86	18.83	
	180.83	12.25	2.11	School	10.48	11.15	11.72	11.99	12.25	12.52	12.79	13.36	14.02	
15	174.54	13.41	6.21	Student	8.19	10.16	11.84	12.63	13.41	14.19	14.99	16.67	18.64	
	182.30	12.32	2.11	School	10.55	11.21	11.79	12.05	12.32	12.58	12.85	13.42	14.09	
20	177.16	13.26	6.21	Student	8.03	10.00	11.69	12.48	13.26	14.04	14.83	16.52	18.49	
	183.46	12.37	2.11	School	10.60	11.27	11.84	12.11	12.37	12.64	12.91	13.48	14.14	
25	179.41	13.13	6.21	Student	7.90	9.87	11.56	12.35	13.13	13.91	14.70	16.39	18.36	
	184.45	12.42	2.11	School	10.65	11.31	11.88	12.15	12.42	12.68	12.95	13.52	14.19	
30	181.42	13.01	6.21	Student	7.79	9.76	11.44	12.23	13.01	13.79	14.59	16.27	18.24	
	185.35	12.46	2.11	School	10.69	11.35	11.92	12.19	12.46	12.72	12.99	13.56	14.23	
35	183.29	12.90	6.21	Student	7.68	9.65	11.33	12.12	12.90	13.68	14.48	16.16	18.13	
	186.18	12.50	2.11	School	10.72	11.39	11.96	12.23	12.50	12.76	13.03	13.60	14.27	
40	185.07	12.80	6.21	Student	7.57	9.54	11.23	12.02	12.80	13.58	14.37	16.06	18.03	
	186.97	12.53	2.11	School	10.76	11.43	12.00	12.27	12.53	12.80	13.07	13.64	14.30	
45	186.79	12.70	6.21	Student	7.47	9.44	11.13	11.92	12.70	13.48	14.27	15.96	17.93	
	187.73	12.57	2.11	School	10.79	11.46	12.03	12.30	12.57	12.83	13.10	13.67	14.34	
50	188.48	12.60	6.21	Student	7.37	9.34	11.03	11.82	12.60	13.38	14.17	15.86	17.83	
	188.48	12.60	2.11	School	10.83	11.50	12.07	12.34	12.60	12.87	13.13	13.71	14.37	
55	190.17	12.50	6.21	Student	7.28	9.25	10.93	11.72	12.50	13.28	14.08	15.76	17.73	
	189.23	12.64	2.11	School	10.86	11.53	12.10	12.37	12.64	12.90	13.17	13.74	14.41	
60	191.88	12.40	6.21	Student	7.18	9.15	10.83	11.62	12.40	13.18	13.98	15.66	17.63	
	189.99	12.67	2.11	School	10.90	11.57	12.14	12.41	12.67	12.93	13.20	13.77	14.44	
65	193.66	12.30	6.21	Student	7.07	9.04	10.73	11.52	12.30	13.08	13.87	15.56	17.53	
	190.77	12.71	2.11	School	10.93	11.60	12.17	12.44	12.71	12.97	13.24	13.81	14.48	
70	195.53	12.19	6.21	Student	6.96	8.93	10.62	11.41	12.19	12.97	13.76	15.45	17.42	
	191.60	12.74	2.11	School	10.97	11.64	12.21	12.48	12.74	13.01	13.28	13.85	14.52	
75	197.55	12.07	6.21	Student	6.85	8.82	10.50	11.29	12.07	12.85	13.65	15.33	17.30	
	192.50	12.78	2.11	School	11.01	11.68	12.25	12.52	12.78	13.05	13.32	13.89	14.56	
80	199.80	11.94	6.21	Student	6.72	8.69	10.37	11.16	11.94	12.72	13.52	15.20	17.17	
	193.50	12.83	2.11	School	11.06	11.73	12.30	12.57	12.83	13.10	13.36	13.93	14.60	
85	202.41	11.79	6.21	Student	6.56	8.53	10.22	11.01	11.79	12.57	13.36	15.05	17.02	
	194.66	12.88	2.11	School	11.11	11.78	12.35	12.62	12.88	13.15	13.42	13.99	14.66	
90	205.71	11.60	6.21	Student	6.37	8.34	10.02	10.82	11.60	12.38	13.17	14.85	16.82	
	196.12	12.95	2.11	School	11.18	11.85	12.42	12.69	12.95	13.21	13.48	14.05	14.72	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.24: Mathematics Grade 3
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	171.24	12.02	6.06	Student	6.92	8.84	10.49	11.26	12.02	12.78	13.56	15.20	17.12
	180.83	11.07	1.53	School	9.79	10.27	10.69	10.88	11.07	11.26	11.46	11.87	12.36
15	174.54	11.91	6.06	Student	6.81	8.73	10.37	11.14	11.91	12.67	13.44	15.08	17.01
	182.30	11.14	1.53	School	9.85	10.34	10.75	10.95	11.14	11.33	11.53	11.94	12.42
20	177.16	11.81	6.06	Student	6.72	8.64	10.28	11.05	11.81	12.58	13.35	14.99	16.91
	183.46	11.19	1.53	School	9.91	10.39	10.80	11.00	11.19	11.38	11.58	11.99	12.48
25	179.41	11.74	6.06	Student	6.64	8.56	10.20	10.97	11.74	12.50	13.27	14.91	16.84
	184.45	11.24	1.53	School	9.95	10.44	10.85	11.04	11.24	11.43	11.62	12.04	12.52
30	181.42	11.67	6.06	Student	6.57	8.49	10.13	10.90	11.67	12.43	13.20	14.84	16.76
	185.35	11.28	1.53	School	9.99	10.48	10.89	11.09	11.28	11.47	11.66	12.08	12.56
35	183.29	11.60	6.06	Student	6.50	8.42	10.06	10.84	11.60	12.36	13.14	14.78	16.70
	186.18	11.31	1.53	School	10.03	10.51	10.93	11.12	11.31	11.51	11.70	12.11	12.60
40	185.07	11.54	6.06	Student	6.44	8.36	10.00	10.78	11.54	12.30	13.07	14.72	16.64
	186.97	11.35	1.53	School	10.07	10.55	10.96	11.16	11.35	11.54	11.74	12.15	12.63
45	186.79	11.48	6.06	Student	6.38	8.30	9.94	10.72	11.48	12.24	13.01	14.66	16.58
	187.73	11.38	1.53	School	10.10	10.58	11.00	11.19	11.38	11.58	11.77	12.19	12.67
50	188.48	11.42	6.06	Student	6.32	8.24	9.88	10.66	11.42	12.18	12.95	14.60	16.52
	188.48	11.42	1.53	School	10.13	10.62	11.03	11.23	11.42	11.61	11.81	12.22	12.70
55	190.17	11.36	6.06	Student	6.26	8.18	9.82	10.60	11.36	12.12	12.89	14.54	16.46
	189.23	11.45	1.53	School	10.17	10.65	11.07	11.26	11.45	11.64	11.84	12.25	12.74
60	191.88	11.30	6.06	Student	6.20	8.12	9.76	10.54	11.30	12.06	12.83	14.48	16.40
	189.99	11.49	1.53	School	10.20	10.69	11.10	11.30	11.49	11.68	11.87	12.29	12.77
65	193.66	11.24	6.06	Student	6.14	8.06	9.70	10.48	11.24	12.00	12.77	14.42	16.34
	190.77	11.52	1.53	School	10.24	10.72	11.14	11.33	11.52	11.71	11.91	12.32	12.81
70	195.53	11.17	6.06	Student	6.07	7.99	9.64	10.41	11.17	11.93	12.71	14.35	16.27
	191.60	11.56	1.53	School	10.28	10.76	11.17	11.37	11.56	11.75	11.95	12.36	12.84
75	197.55	11.10	6.06	Student	6.00	7.92	9.57	10.34	11.10	11.86	12.64	14.28	16.20
	192.50	11.60	1.53	School	10.32	10.80	11.21	11.41	11.60	11.79	11.99	12.40	12.89
80	199.80	11.02	6.06	Student	5.92	7.85	9.49	10.26	11.02	11.78	12.56	14.20	16.12
	193.50	11.65	1.53	School	10.36	10.85	11.26	11.45	11.65	11.84	12.03	12.45	12.93
85	202.41	10.93	6.06	Student	5.83	7.75	9.40	10.17	10.93	11.69	12.47	14.11	16.03
	194.66	11.70	1.53	School	10.41	10.90	11.31	11.51	11.70	11.89	12.09	12.50	12.98
90	205.71	10.82	6.06	Student	5.72	7.64	9.28	10.05	10.82	11.58	12.35	13.99	15.92
	196.12	11.77	1.53	School	10.48	10.96	11.38	11.57	11.77	11.96	12.15	12.57	13.05

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.25: Mathematics Grade 3
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	178.75	5.27	4.67	Student	1.34	2.82	4.09	4.68	5.27	5.86	6.45	7.72	9.20	
	188.24	4.48	0.86	School	3.75	4.03	4.26	4.37	4.48	4.59	4.70	4.93	5.21	
15	182.09	5.19	4.67	Student	1.26	2.74	4.01	4.60	5.19	5.77	6.37	7.64	9.12	
	189.77	4.55	0.86	School	3.82	4.10	4.33	4.44	4.55	4.66	4.77	5.00	5.28	
20	184.75	5.12	4.67	Student	1.20	2.68	3.94	4.54	5.12	5.71	6.31	7.57	9.05	
	190.98	4.61	0.86	School	3.88	4.15	4.39	4.50	4.61	4.71	4.82	5.06	5.33	
25	187.03	5.07	4.67	Student	1.14	2.62	3.89	4.48	5.07	5.66	6.25	7.52	9.00	
	192.02	4.65	0.86	School	3.93	4.20	4.43	4.55	4.65	4.76	4.87	5.11	5.38	
30	189.08	5.02	4.67	Student	1.09	2.57	3.84	4.43	5.02	5.61	6.20	7.47	8.95	
	192.96	4.70	0.86	School	3.97	4.24	4.48	4.59	4.70	4.81	4.92	5.15	5.42	
35	190.97	4.97	4.67	Student	1.05	2.53	3.79	4.39	4.97	5.56	6.16	7.42	8.90	
	193.83	4.74	0.86	School	4.01	4.28	4.52	4.63	4.74	4.85	4.96	5.19	5.46	
40	192.77	4.93	4.67	Student	1.00	2.48	3.75	4.34	4.93	5.52	6.11	7.38	8.86	
	194.65	4.78	0.86	School	4.05	4.32	4.56	4.67	4.78	4.88	4.99	5.23	5.50	
45	194.52	4.89	4.67	Student	0.96	2.44	3.71	4.30	4.89	5.48	6.07	7.34	8.82	
	195.45	4.81	0.86	School	4.09	4.36	4.59	4.70	4.81	4.92	5.03	5.26	5.54	
50	196.23	4.85	4.67	Student	0.92	2.40	3.67	4.26	4.85	5.43	6.03	7.30	8.78	
	196.23	4.85	0.86	School	4.12	4.40	4.63	4.74	4.85	4.96	5.07	5.30	5.58	
55	197.94	4.81	4.67	Student	0.88	2.36	3.62	4.22	4.81	5.39	5.99	7.25	8.74	
	197.01	4.88	0.86	School	4.16	4.43	4.67	4.78	4.88	4.99	5.10	5.34	5.61	
60	199.68	4.77	4.67	Student	0.84	2.32	3.58	4.18	4.77	5.35	5.95	7.21	8.69	
	197.81	4.92	0.86	School	4.19	4.47	4.70	4.81	4.92	5.03	5.14	5.37	5.65	
65	201.48	4.72	4.67	Student	0.79	2.27	3.54	4.14	4.72	5.31	5.90	7.17	8.65	
	198.63	4.96	0.86	School	4.23	4.51	4.74	4.85	4.96	5.07	5.18	5.41	5.69	
70	203.38	4.68	4.67	Student	0.75	2.23	3.49	4.09	4.68	5.26	5.86	7.12	8.60	
	199.50	5.00	0.86	School	4.27	4.55	4.78	4.89	5.00	5.11	5.22	5.45	5.73	
75	205.43	4.63	4.67	Student	0.70	2.18	3.44	4.04	4.63	5.21	5.81	7.07	8.56	
	200.44	5.04	0.86	School	4.32	4.59	4.82	4.93	5.04	5.15	5.26	5.50	5.77	
80	207.71	4.57	4.67	Student	0.64	2.12	3.39	3.99	4.57	5.16	5.75	7.02	8.50	
	201.48	5.09	0.86	School	4.36	4.64	4.87	4.98	5.09	5.20	5.31	5.54	5.82	
85	210.37	4.51	4.67	Student	0.58	2.06	3.33	3.92	4.51	5.09	5.69	6.96	8.44	
	202.69	5.15	0.86	School	4.42	4.69	4.93	5.04	5.15	5.26	5.37	5.60	5.87	
90	213.71	4.43	4.67	Student	0.50	1.98	3.25	3.84	4.43	5.01	5.61	6.88	8.36	
	204.22	5.22	0.86	School	4.49	4.77	5.00	5.11	5.22	5.33	5.44	5.67	5.94	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.26: Mathematics Grade 4
Last Winter To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth								
		Mean	SD		20	30	40	45	50	55	60	70	80
10	177.98	10.42	5.68	Student	5.63	7.44	8.98	9.70	10.42	11.13	11.86	13.40	15.20
	187.56	9.77	1.62	School	8.40	8.92	9.36	9.56	9.77	9.97	10.18	10.61	11.13
15	181.39	10.38	5.68	Student	5.60	7.40	8.94	9.67	10.38	11.09	11.82	13.36	15.16
	189.14	9.85	1.62	School	8.49	9.00	9.44	9.65	9.85	10.06	10.26	10.70	11.22
20	184.11	10.35	5.68	Student	5.57	7.37	8.91	9.64	10.35	11.06	11.79	13.33	15.13
	190.40	9.92	1.62	School	8.56	9.07	9.51	9.72	9.92	10.13	10.33	10.77	11.29
25	186.44	10.32	5.68	Student	5.54	7.34	8.89	9.61	10.32	11.04	11.76	13.31	15.11
	191.48	9.98	1.62	School	8.62	9.13	9.57	9.78	9.98	10.19	10.39	10.83	11.35
30	188.53	10.30	5.68	Student	5.52	7.32	8.86	9.59	10.30	11.02	11.74	13.28	15.09
	192.45	10.04	1.62	School	8.67	9.19	9.63	9.83	10.04	10.24	10.45	10.89	11.40
35	190.46	10.28	5.68	Student	5.50	7.30	8.84	9.57	10.28	11.00	11.72	13.26	15.06
	193.34	10.09	1.62	School	8.72	9.24	9.68	9.88	10.09	10.29	10.50	10.93	11.45
40	192.30	10.26	5.68	Student	5.48	7.28	8.82	9.55	10.26	10.98	11.70	13.24	15.04
	194.19	10.13	1.62	School	8.77	9.28	9.72	9.93	10.13	10.34	10.54	10.98	11.50
45	194.08	10.24	5.68	Student	5.46	7.26	8.80	9.53	10.24	10.96	11.68	13.22	15.03
	195.02	10.18	1.62	School	8.82	9.33	9.77	9.98	10.18	10.38	10.59	11.03	11.54
50	195.83	10.22	5.68	Student	5.44	7.24	8.78	9.51	10.22	10.94	11.66	13.20	15.01
	195.83	10.22	1.62	School	8.86	9.37	9.81	10.02	10.22	10.43	10.63	11.07	11.59
55	197.58	10.20	5.68	Student	5.42	7.22	8.76	9.49	10.20	10.92	11.64	13.18	14.99
	196.64	10.27	1.62	School	8.91	9.42	9.86	10.06	10.27	10.47	10.68	11.12	11.63
60	199.36	10.19	5.68	Student	5.40	7.21	8.75	9.47	10.19	10.90	11.63	13.17	14.97
	197.46	10.31	1.62	School	8.95	9.47	9.90	10.11	10.31	10.52	10.72	11.16	11.68
65	201.20	10.17	5.68	Student	5.38	7.19	8.73	9.45	10.17	10.88	11.61	13.15	14.95
	198.32	10.36	1.62	School	9.00	9.51	9.95	10.16	10.36	10.56	10.77	11.21	11.72
70	203.13	10.14	5.68	Student	5.36	7.16	8.70	9.43	10.14	10.86	11.58	13.12	14.93
	199.21	10.41	1.62	School	9.05	9.56	10.00	10.21	10.41	10.61	10.82	11.26	11.77
75	205.22	10.12	5.68	Student	5.34	7.14	8.68	9.41	10.12	10.84	11.56	13.10	14.90
	200.18	10.46	1.62	School	9.10	9.62	10.05	10.26	10.46	10.67	10.87	11.31	11.83
80	207.55	10.10	5.68	Student	5.31	7.12	8.66	9.38	10.10	10.81	11.54	13.08	14.88
	201.26	10.52	1.62	School	9.16	9.68	10.11	10.32	10.52	10.73	10.93	11.37	11.89
85	210.26	10.07	5.68	Student	5.28	7.09	8.63	9.35	10.07	10.78	11.51	13.05	14.85
	202.52	10.59	1.62	School	9.23	9.74	10.18	10.39	10.59	10.80	11.00	11.44	11.96
90	213.68	10.03	5.68	Student	5.25	7.05	8.59	9.32	10.03	10.74	11.47	13.01	14.81
	204.10	10.68	1.62	School	9.32	9.83	10.27	10.48	10.68	10.88	11.09	11.53	12.04

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.27: Mathematics Grade 4
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	182.38	0.78	6.61	Student	-4.79	-2.69	-0.90	-0.05	0.78	1.61	2.45	4.25	6.34	
	192.37	-0.85	2.28	School	-2.77	-2.04	-1.43	-1.14	-0.85	-0.56	-0.27	0.35	1.07	
15	185.94	0.35	6.61	Student	-5.22	-3.12	-1.32	-0.48	0.35	1.18	2.03	3.82	5.92	
	194.02	-0.96	2.28	School	-2.88	-2.16	-1.54	-1.25	-0.96	-0.68	-0.39	0.23	0.96	
20	188.77	0.01	6.61	Student	-5.55	-3.45	-1.66	-0.82	0.01	0.85	1.69	3.48	5.58	
	195.33	-1.05	2.28	School	-2.97	-2.25	-1.63	-1.34	-1.05	-0.77	-0.48	0.14	0.87	
25	191.20	-0.28	6.61	Student	-5.84	-3.74	-1.95	-1.11	-0.28	0.56	1.40	3.19	5.29	
	196.45	-1.13	2.28	School	-3.05	-2.33	-1.71	-1.42	-1.13	-0.84	-0.55	0.06	0.79	
30	193.38	-0.54	6.61	Student	-6.10	-4.00	-2.21	-1.37	-0.54	0.30	1.14	2.93	5.03	
	197.46	-1.20	2.28	School	-3.12	-2.40	-1.78	-1.49	-1.20	-0.91	-0.62	-0.00	0.72	
35	195.40	-0.78	6.61	Student	-6.34	-4.25	-2.45	-1.61	-0.78	0.05	0.90	2.69	4.79	
	198.40	-1.27	2.28	School	-3.18	-2.46	-1.84	-1.55	-1.27	-0.98	-0.69	-0.07	0.65	
40	197.31	-1.01	6.61	Student	-6.57	-4.47	-2.68	-1.84	-1.01	-0.17	0.67	2.46	4.56	
	199.29	-1.33	2.28	School	-3.25	-2.52	-1.90	-1.61	-1.33	-1.04	-0.75	-0.13	0.59	
45	199.17	-1.23	6.61	Student	-6.79	-4.69	-2.90	-2.06	-1.23	-0.40	0.45	2.24	4.34	
	200.15	-1.39	2.28	School	-3.30	-2.58	-1.96	-1.67	-1.39	-1.10	-0.81	-0.19	0.53	
50	200.99	-1.44	6.61	Student	-7.01	-4.91	-3.12	-2.28	-1.44	-0.61	0.23	2.02	4.12	
	200.99	-1.44	2.28	School	-3.36	-2.64	-2.02	-1.73	-1.44	-1.16	-0.87	-0.25	0.47	
55	202.82	-1.66	6.61	Student	-7.23	-5.13	-3.34	-2.49	-1.66	-0.83	0.01	1.81	3.90	
	201.84	-1.50	2.28	School	-3.42	-2.70	-2.08	-1.79	-1.50	-1.22	-0.92	-0.31	0.42	
60	204.67	-1.88	6.61	Student	-7.45	-5.35	-3.56	-2.71	-1.88	-1.05	-0.21	1.59	3.68	
	202.70	-1.56	2.28	School	-3.48	-2.76	-2.14	-1.85	-1.56	-1.28	-0.98	-0.37	0.36	
65	206.59	-2.11	6.61	Student	-7.68	-5.58	-3.79	-2.94	-2.11	-1.28	-0.44	1.36	3.46	
	203.59	-1.62	2.28	School	-3.54	-2.82	-2.20	-1.91	-1.62	-1.34	-1.05	-0.43	0.30	
70	208.61	-2.35	6.61	Student	-7.92	-5.82	-4.03	-3.18	-2.35	-1.52	-0.68	1.12	3.21	
	204.52	-1.69	2.28	School	-3.61	-2.88	-2.27	-1.97	-1.69	-1.40	-1.11	-0.49	0.23	
75	210.79	-2.61	6.61	Student	-8.18	-6.08	-4.29	-3.44	-2.61	-1.78	-0.94	0.86	2.95	
	205.53	-1.76	2.28	School	-3.68	-2.95	-2.33	-2.04	-1.76	-1.47	-1.18	-0.56	0.16	
80	213.22	-2.90	6.61	Student	-8.47	-6.37	-4.58	-3.73	-2.90	-2.07	-1.23	0.57	2.66	
	206.66	-1.83	2.28	School	-3.75	-3.03	-2.41	-2.12	-1.83	-1.55	-1.26	-0.64	0.08	
85	216.05	-3.24	6.61	Student	-8.81	-6.71	-4.92	-4.07	-3.24	-2.41	-1.56	0.23	2.33	
	207.97	-1.93	2.28	School	-3.84	-3.12	-2.50	-2.21	-1.93	-1.64	-1.35	-0.73	-0.01	
90	219.61	-3.66	6.61	Student	-9.23	-7.13	-5.34	-4.50	-3.66	-2.83	-1.99	-0.20	1.90	
	209.62	-2.04	2.28	School	-3.96	-3.23	-2.62	-2.33	-2.04	-1.75	-1.46	-0.84	-0.12	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.28: Mathematics Grade 4
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	182.38	9.96 6.42	Student	4.56	6.60	8.34	9.16	9.96	10.77	11.59	13.33	15.37	
	192.37	9.16 2.24	School	7.28	7.99	8.59	8.88	9.16	9.44	9.73	10.33	11.04	
15	185.94	9.88 6.42	Student	4.48	6.51	8.25	9.07	9.88	10.69	11.51	13.25	15.28	
	194.02	9.23 2.24	School	7.35	8.06	8.66	8.95	9.23	9.51	9.80	10.40	11.11	
20	188.77	9.81 6.42	Student	4.41	6.45	8.19	9.01	9.81	10.62	11.44	13.18	15.21	
	195.33	9.28 2.24	School	7.40	8.11	8.72	9.00	9.28	9.56	9.85	10.46	11.16	
25	191.20	9.75 6.42	Student	4.35	6.39	8.13	8.95	9.75	10.56	11.38	13.12	15.16	
	196.45	9.33 2.24	School	7.45	8.16	8.76	9.05	9.33	9.61	9.90	10.50	11.21	
30	193.38	9.70 6.42	Student	4.30	6.34	8.08	8.89	9.70	10.51	11.33	13.07	15.10	
	197.46	9.37 2.24	School	7.49	8.20	8.81	9.09	9.37	9.65	9.94	10.54	11.25	
35	195.40	9.65 6.42	Student	4.25	6.29	8.03	8.85	9.65	10.46	11.28	13.02	15.06	
	198.40	9.41 2.24	School	7.53	8.24	8.84	9.13	9.41	9.69	9.98	10.58	11.29	
40	197.31	9.61 6.42	Student	4.21	6.24	7.98	8.80	9.61	10.41	11.23	12.97	15.01	
	199.29	9.45 2.24	School	7.57	8.28	8.88	9.17	9.45	9.73	10.01	10.62	11.33	
45	199.17	9.56 6.42	Student	4.16	6.20	7.94	8.76	9.56	10.37	11.19	12.93	14.96	
	200.15	9.48 2.24	School	7.60	8.31	8.92	9.20	9.48	9.76	10.05	10.66	11.37	
50	200.99	9.52 6.42	Student	4.12	6.15	7.89	8.71	9.52	10.33	11.15	12.88	14.92	
	200.99	9.52 2.24	School	7.64	8.35	8.95	9.24	9.52	9.80	10.09	10.69	11.40	
55	202.82	9.48 6.42	Student	4.07	6.11	7.85	8.67	9.48	10.28	11.10	12.84	14.88	
	201.84	9.55 2.24	School	7.67	8.38	8.99	9.27	9.55	9.84	10.12	10.73	11.44	
60	204.67	9.43 6.42	Student	4.03	6.07	7.80	8.62	9.43	10.24	11.06	12.80	14.83	
	202.70	9.59 2.24	School	7.71	8.42	9.02	9.31	9.59	9.87	10.16	10.76	11.47	
65	206.59	9.39 6.42	Student	3.98	6.02	7.76	8.58	9.39	10.19	11.01	12.75	14.79	
	203.59	9.63 2.24	School	7.75	8.45	9.06	9.35	9.63	9.91	10.19	10.80	11.51	
70	208.61	9.34 6.42	Student	3.93	5.97	7.71	8.53	9.34	10.14	10.96	12.70	14.74	
	204.52	9.67 2.24	School	7.78	8.49	9.10	9.39	9.67	9.95	10.23	10.84	11.55	
75	210.79	9.28 6.42	Student	3.88	5.92	7.66	8.48	9.28	10.09	10.91	12.65	14.69	
	205.53	9.71 2.24	School	7.83	8.54	9.14	9.43	9.71	9.99	10.27	10.88	11.59	
80	213.22	9.23 6.42	Student	3.82	5.86	7.60	8.42	9.23	10.03	10.85	12.59	14.63	
	206.66	9.75 2.24	School	7.87	8.58	9.19	9.47	9.75	10.04	10.32	10.93	11.64	
85	216.05	9.16 6.42	Student	3.76	5.79	7.53	8.35	9.16	9.97	10.78	12.52	14.56	
	207.97	9.81 2.24	School	7.93	8.64	9.24	9.53	9.81	10.09	10.38	10.98	11.69	
90	219.61	9.07 6.42	Student	3.67	5.71	7.45	8.27	9.07	9.88	10.70	12.44	14.48	
	209.62	9.88 2.24	School	8.00	8.71	9.31	9.60	9.88	10.16	10.44	11.05	11.76	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.29: Mathematics Grade 4
Fall To Winter Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth																	
		Mean	SD		20	30	40	45	50	55	60	70	80									
10	181.09	6.95	4.97	Student	2.77	4.35	5.69	6.33	6.95	7.58	8.21	9.56	11.14									
	191.00	6.20	1.13	School	5.25	5.60	5.91	6.06	6.20	6.34	6.49	6.79	7.15									
15	184.62	6.87	4.97	Student	2.68	4.26	5.61	6.24	6.87	7.49	8.13	9.47	11.05									
	192.64	6.26	1.13	School	5.30	5.66	5.97	6.11	6.26	6.40	6.54	6.85	7.21									
20	187.43	6.80	4.97	Student	2.62	4.19	5.54	6.17	6.80	7.42	8.06	9.41	10.98									
	193.94	6.30	1.13	School	5.35	5.71	6.02	6.16	6.30	6.45	6.59	6.90	7.26									
25	189.84	6.74	4.97	Student	2.56	4.13	5.48	6.12	6.74	7.37	8.00	9.35	10.93									
	195.05	6.34	1.13	School	5.39	5.75	6.06	6.20	6.34	6.49	6.63	6.94	7.30									
30	192.00	6.69	4.97	Student	2.50	4.08	5.43	6.06	6.69	7.31	7.95	9.30	10.87									
	196.05	6.38	1.13	School	5.43	5.79	6.09	6.24	6.38	6.52	6.67	6.97	7.33									
35	194.00	6.64	4.97	Student	2.46	4.03	5.38	6.02	6.64	7.26	7.90	9.25	10.82									
	196.98	6.41	1.13	School	5.46	5.82	6.13	6.27	6.41	6.55	6.70	7.01	7.37									
40	195.90	6.59	4.97	Student	2.41	3.99	5.33	5.97	6.59	7.22	7.85	9.20	10.78									
	197.86	6.44	1.13	School	5.49	5.85	6.16	6.30	6.44	6.59	6.73	7.04	7.40									
45	197.74	6.55	4.97	Student	2.36	3.94	5.29	5.92	6.55	7.17	7.81	9.16	10.73									
	198.71	6.47	1.13	School	5.52	5.88	6.19	6.33	6.47	6.62	6.76	7.07	7.43									
50	199.55	6.50	4.97	Student	2.32	3.90	5.25	5.88	6.50	7.13	7.76	9.11	10.69									
	199.55	6.50	1.13	School	5.55	5.91	6.22	6.36	6.50	6.65	6.79	7.10	7.46									
55	201.36	6.46	4.97	Student	2.28	3.85	5.20	5.84	6.46	7.09	7.72	9.07	10.64									
	200.39	6.53	1.13	School	5.58	5.94	6.25	6.39	6.53	6.68	6.82	7.13	7.49									
60	203.20	6.42	4.97	Student	2.23	3.81	5.16	5.79	6.42	7.04	7.68	9.02	10.60									
	201.24	6.57	1.13	School	5.61	5.97	6.28	6.42	6.57	6.71	6.85	7.16	7.52									
65	205.10	6.37	4.97	Student	2.19	3.76	5.11	5.75	6.37	6.99	7.63	8.98	10.55									
	202.12	6.60	1.13	School	5.64	6.00	6.31	6.45	6.60	6.74	6.88	7.19	7.55									
70	207.10	6.32	4.97	Student	2.14	3.71	5.06	5.70	6.32	6.95	7.58	8.93	10.51									
	203.05	6.63	1.13	School	5.68	6.04	6.34	6.49	6.63	6.77	6.92	7.22	7.58									
75	209.26	6.27	4.97	Student	2.08	3.66	5.01	5.64	6.27	6.89	7.53	8.88	10.45									
	204.05	6.67	1.13	School	5.71	6.07	6.38	6.52	6.67	6.81	6.95	7.26	7.62									
80	211.67	6.21	4.97	Student	2.03	3.60	4.95	5.59	6.21	6.83	7.47	8.82	10.39									
	205.16	6.71	1.13	School	5.75	6.11	6.42	6.56	6.71	6.85	6.99	7.30	7.66									
85	214.47	6.14	4.97	Student	1.96	3.53	4.88	5.52	6.14	6.77	7.40	8.75	10.33									
	206.46	6.75	1.13	School	5.80	6.16	6.47	6.61	6.75	6.90	7.04	7.35	7.71									
90	218.00	6.06	4.97	Student	1.87	3.45	4.80	5.43	6.06	6.68	7.32	8.66	10.24									
	208.09	6.81	1.13	School	5.86	6.22	6.52	6.67	6.81	6.95	7.10	7.41	7.76									

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.30: Mathematics Grade 4
Fall To Spring Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	181.09	11.15	6.24	Student	5.90	7.88	9.57	10.36	11.15	11.93	12.73	14.42	16.40
	191.00	10.43	1.98	School	8.76	9.39	9.92	10.18	10.43	10.68	10.93	11.47	12.09
15	184.62	11.11	6.24	Student	5.86	7.84	9.53	10.33	11.11	11.90	12.69	14.38	16.36
	192.64	10.53	1.98	School	8.86	9.49	10.03	10.28	10.53	10.78	11.03	11.57	12.20
20	187.43	11.08	6.24	Student	5.83	7.81	9.50	10.30	11.08	11.87	12.66	14.36	16.33
	193.94	10.61	1.98	School	8.94	9.57	10.11	10.36	10.61	10.86	11.11	11.65	12.28
25	189.84	11.06	6.24	Student	5.81	7.79	9.48	10.28	11.06	11.84	12.64	14.33	16.31
	195.05	10.68	1.98	School	9.01	9.64	10.18	10.43	10.68	10.93	11.18	11.72	12.35
30	192.00	11.04	6.24	Student	5.79	7.77	9.46	10.25	11.04	11.82	12.62	14.31	16.29
	196.05	10.74	1.98	School	9.08	9.70	10.24	10.49	10.74	10.99	11.25	11.78	12.41
35	194.00	11.02	6.24	Student	5.77	7.75	9.44	10.23	11.02	11.80	12.60	14.29	16.27
	196.98	10.80	1.98	School	9.13	9.76	10.30	10.55	10.80	11.05	11.30	11.84	12.47
40	195.90	11.00	6.24	Student	5.75	7.73	9.42	10.22	11.00	11.78	12.58	14.27	16.25
	197.86	10.86	1.98	School	9.19	9.82	10.36	10.61	10.86	11.11	11.36	11.90	12.52
45	197.74	10.98	6.24	Student	5.73	7.71	9.40	10.20	10.98	11.77	12.56	14.25	16.23
	198.71	10.91	1.98	School	9.24	9.87	10.41	10.66	10.91	11.16	11.41	11.95	12.58
50	199.55	10.96	6.24	Student	5.71	7.69	9.38	10.18	10.96	11.75	12.54	14.23	16.21
	199.55	10.96	1.98	School	9.30	9.92	10.46	10.71	10.96	11.21	11.47	12.00	12.63
55	201.36	10.95	6.24	Student	5.69	7.67	9.36	10.16	10.95	11.73	12.53	14.22	16.20
	200.39	11.02	1.98	School	9.35	9.98	10.51	10.77	11.02	11.26	11.52	12.05	12.68
60	203.20	10.93	6.24	Student	5.68	7.66	9.35	10.14	10.93	11.71	12.51	14.20	16.18
	201.24	11.07	1.98	School	9.40	10.03	10.57	10.82	11.07	11.32	11.57	12.11	12.74
65	205.10	10.91	6.24	Student	5.66	7.64	9.33	10.12	10.91	11.69	12.49	14.18	16.16
	202.12	11.12	1.98	School	9.46	10.09	10.62	10.88	11.12	11.37	11.63	12.16	12.79
70	207.10	10.89	6.24	Student	5.64	7.62	9.31	10.10	10.89	11.67	12.47	14.16	16.14
	203.05	11.18	1.98	School	9.52	10.14	10.68	10.93	11.18	11.43	11.68	12.22	12.85
75	209.26	10.87	6.24	Student	5.62	7.59	9.29	10.08	10.87	11.65	12.45	14.14	16.12
	204.05	11.25	1.98	School	9.58	10.21	10.74	11.00	11.25	11.49	11.75	12.28	12.91
80	211.67	10.84	6.24	Student	5.59	7.57	9.26	10.06	10.84	11.63	12.42	14.11	16.09
	205.16	11.32	1.98	School	9.65	10.28	10.81	11.07	11.32	11.56	11.82	12.35	12.98
85	214.47	10.81	6.24	Student	5.56	7.54	9.23	10.03	10.81	11.60	12.39	14.09	16.06
	206.46	11.40	1.98	School	9.73	10.36	10.90	11.15	11.40	11.65	11.90	12.44	13.06
90	218.00	10.78	6.24	Student	5.53	7.51	9.20	9.99	10.78	11.56	12.36	14.05	16.03
	208.09	11.50	1.98	School	9.83	10.46	11.00	11.25	11.50	11.75	12.00	12.54	13.17

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.31: Mathematics Grade 4
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	181.09	9.30	5.89	Student	4.34	6.21	7.81	8.56	9.30	10.04	10.79	12.39	14.26
	191.00	9.12	1.33	School	8.00	8.42	8.78	8.95	9.12	9.29	9.46	9.82	10.24
15	184.62	9.37	5.89	Student	4.41	6.28	7.88	8.63	9.37	10.11	10.86	12.46	14.33
	192.64	9.22	1.33	School	8.10	8.52	8.88	9.06	9.22	9.39	9.56	9.92	10.35
20	187.43	9.42	5.89	Student	4.47	6.34	7.93	8.68	9.42	10.17	10.92	12.51	14.38
	193.94	9.31	1.33	School	8.18	8.61	8.97	9.14	9.31	9.47	9.64	10.00	10.43
25	189.84	9.47	5.89	Student	4.51	6.38	7.98	8.73	9.47	10.21	10.96	12.56	14.43
	195.05	9.38	1.33	School	8.25	8.68	9.04	9.21	9.38	9.54	9.71	10.08	10.50
30	192.00	9.51	5.89	Student	4.55	6.42	8.02	8.77	9.51	10.25	11.01	12.60	14.47
	196.05	9.44	1.33	School	8.32	8.74	9.10	9.27	9.44	9.61	9.78	10.14	10.56
35	194.00	9.55	5.89	Student	4.59	6.46	8.06	8.81	9.55	10.29	11.04	12.64	14.51
	196.98	9.50	1.33	School	8.37	8.80	9.16	9.33	9.50	9.67	9.84	10.20	10.62
40	195.90	9.59	5.89	Student	4.63	6.50	8.10	8.85	9.59	10.33	11.08	12.68	14.55
	197.86	9.55	1.33	School	8.43	8.85	9.22	9.39	9.55	9.72	9.89	10.25	10.68
45	197.74	9.62	5.89	Student	4.67	6.54	8.13	8.88	9.62	10.37	11.12	12.71	14.58
	198.71	9.61	1.33	School	8.48	8.91	9.27	9.44	9.61	9.77	9.94	10.31	10.73
50	199.55	9.66	5.89	Student	4.70	6.57	8.17	8.92	9.66	10.40	11.15	12.75	14.62
	199.55	9.66	1.33	School	8.54	8.96	9.32	9.49	9.66	9.83	10.00	10.36	10.78
55	201.36	9.69	5.89	Student	4.74	6.61	8.20	8.95	9.69	10.44	11.19	12.78	14.65
	200.39	9.71	1.33	School	8.59	9.01	9.37	9.55	9.71	9.88	10.05	10.41	10.84
60	203.20	9.73	5.89	Student	4.77	6.64	8.24	8.99	9.73	10.47	11.22	12.82	14.69
	201.24	9.77	1.33	School	8.64	9.07	9.43	9.60	9.77	9.93	10.10	10.47	10.89
65	205.10	9.77	5.89	Student	4.81	6.68	8.27	9.03	9.77	10.51	11.26	12.86	14.73
	202.12	9.82	1.33	School	8.70	9.12	9.48	9.65	9.82	9.99	10.16	10.52	10.95
70	207.10	9.81	5.89	Student	4.85	6.72	8.31	9.07	9.81	10.55	11.30	12.90	14.76
	203.05	9.88	1.33	School	8.76	9.18	9.54	9.71	9.88	10.05	10.22	10.58	11.00
75	209.26	9.85	5.89	Student	4.89	6.76	8.36	9.11	9.85	10.59	11.34	12.94	14.81
	204.05	9.94	1.33	School	8.82	9.24	9.61	9.78	9.94	10.11	10.28	10.64	11.07
80	211.67	9.90	5.89	Student	4.94	6.81	8.40	9.15	9.90	10.64	11.39	12.98	14.85
	205.16	10.01	1.33	School	8.89	9.32	9.68	9.85	10.01	10.18	10.35	10.71	11.14
85	214.47	9.95	5.89	Student	4.99	6.86	8.46	9.21	9.95	10.69	11.44	13.04	14.91
	206.46	10.10	1.33	School	8.97	9.40	9.76	9.93	10.10	10.26	10.43	10.80	11.22
90	218.00	10.02	5.89	Student	5.06	6.93	8.53	9.28	10.02	10.76	11.51	13.11	14.98
	208.09	10.20	1.33	School	9.08	9.50	9.86	10.03	10.20	10.37	10.54	10.90	11.32

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.32: Mathematics Grade 4
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	186.95	4.54	4.67	Student	0.60	2.09	3.35	3.95	4.54	5.12	5.72	6.99	8.47	
	197.08	4.06	0.81	School	3.37	3.63	3.85	3.95	4.06	4.16	4.26	4.48	4.74	
15	190.61	4.52	4.67	Student	0.59	2.07	3.34	3.93	4.52	5.11	5.71	6.97	8.45	
	198.80	4.13	0.81	School	3.45	3.71	3.93	4.03	4.13	4.23	4.34	4.56	4.81	
20	193.51	4.51	4.67	Student	0.58	2.06	3.33	3.92	4.51	5.10	5.69	6.96	8.44	
	200.16	4.19	0.81	School	3.51	3.77	3.99	4.09	4.19	4.30	4.40	4.62	4.87	
25	196.00	4.50	4.67	Student	0.57	2.05	3.32	3.91	4.50	5.09	5.68	6.95	8.43	
	201.33	4.25	0.81	School	3.56	3.82	4.04	4.14	4.25	4.35	4.45	4.67	4.93	
30	198.24	4.49	4.67	Student	0.56	2.04	3.31	3.90	4.49	5.08	5.67	6.94	8.42	
	202.38	4.29	0.81	School	3.61	3.87	4.09	4.19	4.29	4.40	4.50	4.72	4.97	
35	200.31	4.48	4.67	Student	0.55	2.03	3.30	3.89	4.48	5.07	5.67	6.93	8.42	
	203.36	4.34	0.81	School	3.66	3.91	4.13	4.24	4.34	4.44	4.54	4.76	5.02	
40	202.28	4.47	4.67	Student	0.54	2.02	3.29	3.89	4.47	5.06	5.66	6.92	8.41	
	204.28	4.38	0.81	School	3.70	3.95	4.17	4.28	4.38	4.48	4.58	4.80	5.06	
45	204.18	4.47	4.67	Student	0.53	2.02	3.28	3.88	4.47	5.05	5.65	6.92	8.40	
	205.17	4.42	0.81	School	3.74	3.99	4.21	4.32	4.42	4.52	4.62	4.84	5.10	
50	206.05	4.46	4.67	Student	0.52	2.01	3.27	3.87	4.46	5.05	5.64	6.91	8.39	
	206.05	4.46	0.81	School	3.78	4.03	4.25	4.36	4.46	4.56	4.66	4.88	5.14	
55	207.93	4.45	4.67	Student	0.52	2.00	3.27	3.86	4.45	5.04	5.63	6.90	8.38	
	206.93	4.50	0.81	School	3.82	4.07	4.29	4.40	4.50	4.60	4.70	4.92	5.18	
60	209.83	4.44	4.67	Student	0.51	1.99	3.26	3.86	4.44	5.03	5.63	6.89	8.38	
	207.83	4.54	0.81	School	3.86	4.11	4.33	4.44	4.54	4.64	4.74	4.96	5.22	
65	211.80	4.43	4.67	Student	0.50	1.98	3.25	3.85	4.43	5.02	5.62	6.89	8.37	
	208.75	4.58	0.81	School	3.90	4.16	4.37	4.48	4.58	4.68	4.78	5.00	5.26	
70	213.87	4.43	4.67	Student	0.49	1.98	3.24	3.84	4.43	5.01	5.61	6.88	8.36	
	209.72	4.62	0.81	School	3.94	4.20	4.42	4.52	4.62	4.72	4.83	5.05	5.30	
75	216.11	4.42	4.67	Student	0.48	1.97	3.23	3.83	4.42	5.00	5.60	6.87	8.35	
	210.77	4.67	0.81	School	3.99	4.25	4.47	4.57	4.67	4.77	4.88	5.09	5.35	
80	218.60	4.41	4.67	Student	0.47	1.96	3.22	3.82	4.41	4.99	5.59	6.86	8.34	
	211.94	4.72	0.81	School	4.04	4.30	4.52	4.62	4.72	4.82	4.93	5.15	5.40	
85	221.50	4.40	4.67	Student	0.46	1.94	3.21	3.81	4.40	4.98	5.58	6.85	8.33	
	213.31	4.78	0.81	School	4.10	4.36	4.58	4.68	4.78	4.89	4.99	5.21	5.47	
90	225.15	4.38	4.67	Student	0.45	1.93	3.20	3.79	4.38	4.97	5.56	6.83	8.31	
	215.02	4.86	0.81	School	4.18	4.44	4.66	4.76	4.86	4.96	5.07	5.29	5.54	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.33: Mathematics Grade 5
Last Winter To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean		SD	CGI	20	30	40	45	50	55	60	70
10	186.60	9.22	5.93	Student	4.23	6.12	7.72	8.48	9.22	9.97	10.72	12.33	14.21	
	196.61	8.30	1.75	School	6.83	7.38	7.86	8.08	8.30	8.52	8.75	9.22	9.78	
15	190.27	9.16	5.93	Student	4.18	6.06	7.66	8.42	9.16	9.91	10.67	12.27	14.15	
	198.36	8.42	1.75	School	6.94	7.50	7.97	8.20	8.42	8.64	8.86	9.34	9.89	
20	193.18	9.12	5.93	Student	4.13	6.01	7.62	8.37	9.12	9.86	10.62	12.22	14.10	
	199.76	8.51	1.75	School	7.04	7.59	8.07	8.29	8.51	8.73	8.96	9.43	9.99	
25	195.69	9.08	5.93	Student	4.09	5.97	7.57	8.33	9.08	9.82	10.58	12.18	14.06	
	200.96	8.59	1.75	School	7.12	7.67	8.15	8.37	8.59	8.81	9.04	9.51	10.07	
30	197.93	9.04	5.93	Student	4.05	5.93	7.54	8.30	9.04	9.78	10.54	12.15	14.03	
	202.03	8.66	1.75	School	7.19	7.74	8.22	8.44	8.66	8.88	9.11	9.58	10.14	
35	200.02	9.01	5.93	Student	4.02	5.90	7.50	8.26	9.01	9.75	10.51	12.11	13.99	
	203.03	8.73	1.75	School	7.25	7.81	8.29	8.51	8.73	8.95	9.17	9.65	10.20	
40	201.99	8.97	5.93	Student	3.99	5.87	7.47	8.23	8.97	9.72	10.48	12.08	13.96	
	203.97	8.79	1.75	School	7.32	7.87	8.35	8.57	8.79	9.01	9.24	9.71	10.27	
45	203.90	8.94	5.93	Student	3.96	5.84	7.44	8.20	8.94	9.69	10.44	12.05	13.93	
	204.89	8.85	1.75	School	7.38	7.93	8.41	8.63	8.85	9.07	9.30	9.77	10.33	
50	205.79	8.91	5.93	Student	3.92	5.80	7.41	8.17	8.91	9.66	10.41	12.02	13.90	
	205.79	8.91	1.75	School	7.44	7.99	8.47	8.69	8.91	9.13	9.36	9.83	10.39	
55	207.67	8.88	5.93	Student	3.89	5.77	7.38	8.14	8.88	9.63	10.38	11.99	13.87	
	206.69	8.97	1.75	School	7.50	8.05	8.53	8.75	8.97	9.19	9.42	9.89	10.45	
60	209.58	8.85	5.93	Student	3.86	5.74	7.35	8.11	8.85	9.60	10.35	11.96	13.84	
	207.60	9.03	1.75	School	7.56	8.11	8.59	8.81	9.03	9.25	9.48	9.95	10.51	
65	211.56	8.82	5.93	Student	3.83	5.71	7.32	8.07	8.82	9.56	10.32	11.93	13.81	
	208.55	9.10	1.75	School	7.62	8.18	8.65	8.88	9.10	9.32	9.54	10.02	10.57	
70	213.64	8.79	5.93	Student	3.80	5.68	7.28	8.04	8.79	9.53	10.29	11.89	13.77	
	209.54	9.16	1.75	School	7.69	8.24	8.72	8.94	9.16	9.38	9.61	10.08	10.64	
75	215.89	8.75	5.93	Student	3.76	5.64	7.25	8.00	8.75	9.49	10.25	11.86	13.74	
	210.62	9.23	1.75	School	7.76	8.32	8.79	9.01	9.23	9.45	9.68	10.15	10.71	
80	218.39	8.71	5.93	Student	3.72	5.60	7.21	7.96	8.71	9.45	10.21	11.82	13.70	
	211.81	9.31	1.75	School	7.84	8.40	8.87	9.09	9.31	9.53	9.76	10.23	10.79	
85	221.31	8.66	5.93	Student	3.67	5.55	7.16	7.92	8.66	9.41	10.16	11.77	13.65	
	213.21	9.41	1.75	School	7.93	8.49	8.96	9.19	9.41	9.63	9.85	10.33	10.88	
90	224.98	8.60	5.93	Student	3.61	5.49	7.10	7.86	8.60	9.35	10.10	11.71	13.59	
	214.96	9.52	1.75	School	8.05	8.61	9.08	9.30	9.52	9.74	9.97	10.44	11.00	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.34: Mathematics Grade 5
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	190.21	1.39	6.59	Student	-4.16	-2.07	-0.28	0.56	1.39	2.22	3.06	4.84	6.93	
	200.68	-0.52	2.16	School	-2.34	-1.66	-1.07	-0.80	-0.52	-0.25	0.02	0.61	1.29	
15	194.08	0.88	6.59	Student	-4.67	-2.58	-0.79	0.05	0.88	1.70	2.55	4.33	6.42	
	202.54	-0.67	2.16	School	-2.49	-1.80	-1.22	-0.94	-0.67	-0.40	-0.13	0.46	1.14	
20	197.15	0.47	6.59	Student	-5.07	-2.99	-1.20	-0.36	0.47	1.30	2.14	3.92	6.01	
	204.03	-0.79	2.16	School	-2.60	-1.92	-1.33	-1.06	-0.79	-0.52	-0.24	0.34	1.03	
25	199.79	0.12	6.59	Student	-5.42	-3.33	-1.55	-0.71	0.12	0.95	1.79	3.57	5.66	
	205.30	-0.89	2.16	School	-2.70	-2.02	-1.43	-1.16	-0.89	-0.62	-0.34	0.24	0.93	
30	202.15	-0.19	6.59	Student	-5.74	-3.65	-1.86	-1.02	-0.19	0.63	1.48	3.26	5.35	
	206.44	-0.98	2.16	School	-2.79	-2.11	-1.52	-1.25	-0.98	-0.71	-0.43	0.15	0.84	
35	204.35	-0.48	6.59	Student	-6.03	-3.94	-2.15	-1.31	-0.48	0.34	1.18	2.97	5.06	
	207.49	-1.06	2.16	School	-2.87	-2.19	-1.61	-1.33	-1.06	-0.79	-0.51	0.07	0.75	
40	206.43	-0.76	6.59	Student	-6.30	-4.21	-2.43	-1.59	-0.76	0.07	0.91	2.69	4.78	
	208.50	-1.14	2.16	School	-2.95	-2.27	-1.68	-1.41	-1.14	-0.87	-0.59	-0.01	0.68	
45	208.44	-1.03	6.59	Student	-6.57	-4.48	-2.70	-1.85	-1.03	-0.20	0.64	2.43	4.52	
	209.47	-1.21	2.16	School	-3.03	-2.35	-1.76	-1.49	-1.21	-0.94	-0.67	-0.08	0.60	
50	210.42	-1.29	6.59	Student	-6.83	-4.74	-2.96	-2.12	-1.29	-0.46	0.38	2.16	4.25	
	210.42	-1.29	2.16	School	-3.10	-2.42	-1.84	-1.56	-1.29	-1.02	-0.74	-0.16	0.52	
55	212.41	-1.55	6.59	Student	-7.10	-5.01	-3.22	-2.38	-1.55	-0.72	0.12	1.90	3.99	
	211.38	-1.36	2.16	School	-3.18	-2.50	-1.91	-1.64	-1.36	-1.09	-0.82	-0.23	0.45	
60	214.42	-1.82	6.59	Student	-7.36	-5.27	-3.49	-2.65	-1.82	-0.99	-0.15	1.64	3.72	
	212.35	-1.44	2.16	School	-3.26	-2.57	-1.99	-1.71	-1.44	-1.17	-0.89	-0.31	0.37	
65	216.50	-2.09	6.59	Student	-7.64	-5.55	-3.76	-2.92	-2.09	-1.27	-0.43	1.36	3.45	
	213.35	-1.52	2.16	School	-3.33	-2.65	-2.07	-1.79	-1.52	-1.25	-0.97	-0.39	0.29	
70	218.69	-2.39	6.59	Student	-7.93	-5.84	-4.05	-3.21	-2.39	-1.56	-0.72	1.07	3.16	
	214.41	-1.60	2.16	School	-3.42	-2.73	-2.15	-1.87	-1.60	-1.33	-1.06	-0.47	0.21	
75	221.06	-2.70	6.59	Student	-8.24	-6.15	-4.37	-3.53	-2.70	-1.87	-1.03	0.76	2.84	
	215.55	-1.69	2.16	School	-3.51	-2.82	-2.24	-1.96	-1.69	-1.42	-1.15	-0.56	0.12	
80	223.70	-3.05	6.59	Student	-8.59	-6.50	-4.72	-3.88	-3.05	-2.22	-1.38	0.41	2.50	
	216.82	-1.79	2.16	School	-3.61	-2.92	-2.34	-2.06	-1.79	-1.52	-1.25	-0.66	0.02	
85	226.77	-3.46	6.59	Student	-9.00	-6.91	-5.12	-4.28	-3.46	-2.63	-1.79	-0.00	2.09	
	218.30	-1.91	2.16	School	-3.72	-3.04	-2.45	-2.18	-1.91	-1.64	-1.36	-0.78	-0.09	
90	230.64	-3.97	6.59	Student	-9.51	-7.42	-5.64	-4.80	-3.97	-3.14	-2.30	-0.51	1.58	
	220.17	-2.05	2.16	School	-3.87	-3.18	-2.60	-2.33	-2.05	-1.78	-1.51	-0.92	-0.24	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.35: Mathematics Grade 5
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean		SD	CGI	20	30	40	45	50	55	60	70
10	190.21	8.90	6.64	Student	3.31	5.42	7.22	8.07	8.90	9.74	10.58	12.38	14.49	
	200.68	7.80	2.35	School	5.82	6.57	7.21	7.51	7.80	8.10	8.40	9.03	9.78	
15	194.08	8.79	6.64	Student	3.20	5.31	7.11	7.96	8.79	9.63	10.47	12.27	14.38	
	202.54	7.90	2.35	School	5.92	6.67	7.31	7.61	7.90	8.20	8.50	9.13	9.88	
20	197.15	8.70	6.64	Student	3.11	5.22	7.02	7.87	8.70	9.54	10.39	12.19	14.29	
	204.03	7.98	2.35	School	6.00	6.75	7.39	7.69	7.98	8.28	8.58	9.21	9.96	
25	199.79	8.63	6.64	Student	3.04	5.14	6.94	7.79	8.63	9.46	10.31	12.11	14.22	
	205.30	8.05	2.35	School	6.07	6.82	7.45	7.75	8.05	8.34	8.64	9.28	10.02	
30	202.15	8.56	6.64	Student	2.97	5.08	6.88	7.73	8.56	9.40	10.24	12.04	14.15	
	206.44	8.11	2.35	School	6.13	6.88	7.52	7.82	8.11	8.41	8.70	9.34	10.09	
35	204.35	8.50	6.64	Student	2.91	5.01	6.81	7.66	8.50	9.33	10.18	11.98	14.09	
	207.49	8.17	2.35	School	6.19	6.94	7.57	7.87	8.17	8.46	8.76	9.40	10.14	
40	206.43	8.44	6.64	Student	2.85	4.95	6.76	7.60	8.44	9.27	10.12	11.92	14.03	
	208.50	8.22	2.35	School	6.25	6.99	7.63	7.93	8.22	8.52	8.82	9.45	10.20	
45	208.44	8.38	6.64	Student	2.79	4.90	6.70	7.55	8.38	9.22	10.06	11.87	13.97	
	209.47	8.27	2.35	School	6.30	7.04	7.68	7.98	8.27	8.57	8.87	9.50	10.25	
50	210.42	8.32	6.64	Student	2.73	4.84	6.64	7.49	8.32	9.16	10.01	11.81	13.92	
	210.42	8.32	2.35	School	6.35	7.09	7.73	8.03	8.32	8.62	8.92	9.56	10.30	
55	212.41	8.27	6.64	Student	2.68	4.78	6.59	7.43	8.27	9.10	9.95	11.75	13.86	
	211.38	8.38	2.35	School	6.40	7.15	7.78	8.08	8.38	8.67	8.97	9.61	10.35	
60	214.42	8.21	6.64	Student	2.62	4.73	6.53	7.38	8.21	9.05	9.89	11.70	13.80	
	212.35	8.43	2.35	School	6.45	7.20	7.83	8.13	8.43	8.72	9.02	9.66	10.40	
65	216.50	8.15	6.64	Student	2.56	4.67	6.47	7.32	8.15	8.99	9.83	11.64	13.74	
	213.35	8.48	2.35	School	6.51	7.25	7.89	8.19	8.48	8.78	9.08	9.71	10.46	
70	218.69	8.09	6.64	Student	2.50	4.61	6.41	7.25	8.09	8.92	9.77	11.57	13.68	
	214.41	8.54	2.35	School	6.56	7.31	7.94	8.24	8.54	8.83	9.13	9.77	10.52	
75	221.06	8.02	6.64	Student	2.43	4.54	6.34	7.19	8.02	8.86	9.71	11.51	13.61	
	215.55	8.60	2.35	School	6.63	7.37	8.01	8.31	8.60	8.90	9.20	9.83	10.58	
80	223.70	7.95	6.64	Student	2.36	4.46	6.26	7.11	7.95	8.78	9.63	11.43	13.54	
	216.82	8.67	2.35	School	6.69	7.44	8.07	8.37	8.67	8.96	9.26	9.90	10.65	
85	226.77	7.86	6.64	Student	2.27	4.38	6.18	7.02	7.86	8.69	9.54	11.34	13.45	
	218.30	8.75	2.35	School	6.77	7.52	8.15	8.45	8.75	9.04	9.34	9.98	10.72	
90	230.64	7.75	6.64	Student	2.16	4.27	6.07	6.91	7.75	8.58	9.43	11.23	13.34	
	220.17	8.85	2.35	School	6.87	7.62	8.25	8.55	8.85	9.14	9.44	10.08	10.83	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.36: Mathematics Grade 5
Fall To Winter Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	189.67	5.75	5.10	Student	1.46	3.08	4.46	5.11	5.75	6.39	7.04	8.43	10.05	
	199.74	5.06	1.33	School	3.94	4.36	4.72	4.89	5.06	5.23	5.40	5.76	6.18	
15	193.40	5.72	5.10	Student	1.42	3.04	4.42	5.08	5.72	6.36	7.01	8.39	10.01	
	201.54	5.16	1.33	School	4.04	4.46	4.82	4.99	5.16	5.32	5.49	5.85	6.27	
20	196.35	5.69	5.10	Student	1.39	3.01	4.40	5.05	5.69	6.33	6.98	8.36	9.98	
	202.97	5.23	1.33	School	4.12	4.54	4.90	5.07	5.23	5.40	5.57	5.93	6.35	
25	198.89	5.66	5.10	Student	1.37	2.99	4.37	5.02	5.66	6.30	6.96	8.34	9.96	
	204.19	5.30	1.33	School	4.18	4.60	4.96	5.13	5.30	5.47	5.64	6.00	6.42	
30	201.17	5.64	5.10	Student	1.35	2.97	4.35	5.00	5.64	6.28	6.93	8.32	9.93	
	205.29	5.36	1.33	School	4.24	4.66	5.02	5.19	5.36	5.52	5.69	6.05	6.48	
35	203.28	5.62	5.10	Student	1.33	2.95	4.33	4.98	5.62	6.26	6.91	8.30	9.91	
	206.31	5.41	1.33	School	4.29	4.72	5.08	5.25	5.41	5.58	5.75	6.11	6.53	
40	205.29	5.60	5.10	Student	1.31	2.93	4.31	4.96	5.60	6.24	6.89	8.28	9.89	
	207.28	5.46	1.33	School	4.35	4.77	5.13	5.30	5.46	5.63	5.80	6.16	6.58	
45	207.23	5.58	5.10	Student	1.29	2.91	4.29	4.94	5.58	6.22	6.87	8.26	9.88	
	208.21	5.51	1.33	School	4.40	4.82	5.18	5.35	5.51	5.68	5.85	6.21	6.63	
50	209.13	5.56	5.10	Student	1.27	2.89	4.27	4.92	5.56	6.21	6.86	8.24	9.86	
	209.13	5.56	1.33	School	4.45	4.87	5.23	5.40	5.56	5.73	5.90	6.26	6.68	
55	211.04	5.55	5.10	Student	1.25	2.87	4.25	4.90	5.55	6.19	6.84	8.22	9.84	
	210.06	5.61	1.33	School	4.50	4.92	5.28	5.45	5.61	5.78	5.95	6.31	6.73	
60	212.98	5.53	5.10	Student	1.23	2.85	4.23	4.89	5.53	6.17	6.82	8.20	9.82	
	210.99	5.66	1.33	School	4.55	4.97	5.33	5.50	5.66	5.83	6.00	6.36	6.78	
65	214.99	5.51	5.10	Student	1.21	2.83	4.22	4.87	5.51	6.15	6.80	8.18	9.80	
	211.96	5.72	1.33	School	4.60	5.02	5.38	5.55	5.72	5.88	6.05	6.41	6.83	
70	217.10	5.49	5.10	Student	1.19	2.81	4.20	4.85	5.49	6.13	6.78	8.16	9.78	
	212.98	5.77	1.33	School	4.65	5.07	5.43	5.60	5.77	5.94	6.11	6.47	6.89	
75	219.38	5.47	5.10	Student	1.17	2.79	4.17	4.82	5.47	6.11	6.76	8.14	9.76	
	214.08	5.83	1.33	School	4.71	5.13	5.49	5.66	5.83	6.00	6.17	6.53	6.95	
80	221.91	5.44	5.10	Student	1.15	2.77	4.15	4.80	5.44	6.08	6.73	8.12	9.73	
	215.30	5.90	1.33	School	4.78	5.20	5.56	5.73	5.90	6.06	6.23	6.59	7.01	
85	224.87	5.41	5.10	Student	1.12	2.74	4.12	4.77	5.41	6.05	6.70	8.09	9.71	
	216.73	5.97	1.33	School	4.85	5.28	5.64	5.81	5.97	6.14	6.31	6.67	7.09	
90	228.60	5.38	5.10	Student	1.08	2.70	4.08	4.74	5.38	6.02	6.67	8.05	9.67	
	218.53	6.07	1.33	School	4.95	5.37	5.73	5.90	6.07	6.24	6.40	6.77	7.19	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.37: Mathematics Grade 5
Fall To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	189.67	9.37	6.53	Student	3.88	5.95	7.72	8.55	9.37	10.19	11.03	12.80	14.87	
	199.74	8.73	2.32	School	6.78	7.51	8.14	8.44	8.73	9.02	9.32	9.95	10.69	
15	193.40	9.42	6.53	Student	3.93	6.00	7.77	8.60	9.42	10.24	11.07	12.84	14.91	
	201.54	8.90	2.32	School	6.94	7.68	8.31	8.61	8.90	9.19	9.49	10.12	10.86	
20	196.35	9.46	6.53	Student	3.96	6.03	7.80	8.64	9.46	10.28	11.11	12.88	14.95	
	202.97	9.03	2.32	School	7.08	7.82	8.45	8.74	9.03	9.33	9.62	10.25	10.99	
25	198.89	9.49	6.53	Student	4.00	6.07	7.83	8.67	9.49	10.31	11.14	12.91	14.98	
	204.19	9.15	2.32	School	7.19	7.93	8.56	8.86	9.15	9.44	9.74	10.37	11.11	
30	201.17	9.52	6.53	Student	4.02	6.09	7.86	8.70	9.52	10.34	11.17	12.94	15.01	
	205.29	9.25	2.32	School	7.30	8.03	8.66	8.96	9.25	9.55	9.84	10.47	11.21	
35	203.28	9.54	6.53	Student	4.05	6.12	7.89	8.72	9.54	10.36	11.20	12.96	15.03	
	206.31	9.35	2.32	School	7.39	8.13	8.76	9.06	9.35	9.64	9.94	10.57	11.31	
40	205.29	9.57	6.53	Student	4.07	6.14	7.91	8.75	9.57	10.39	11.22	12.99	15.06	
	207.28	9.44	2.32	School	7.48	8.22	8.85	9.15	9.44	9.73	10.03	10.66	11.40	
45	207.23	9.59	6.53	Student	4.10	6.17	7.94	8.77	9.59	10.41	11.24	13.01	15.08	
	208.21	9.53	2.32	School	7.57	8.31	8.94	9.24	9.53	9.82	10.12	10.75	11.48	
50	209.13	9.61	6.53	Student	4.12	6.19	7.96	8.79	9.61	10.43	11.27	13.04	15.11	
	209.13	9.61	2.32	School	7.66	8.40	9.03	9.32	9.61	9.91	10.20	10.83	11.57	
55	211.04	9.64	6.53	Student	4.15	6.22	7.98	8.82	9.64	10.46	11.29	13.06	15.13	
	210.06	9.70	2.32	School	7.74	8.48	9.11	9.41	9.70	9.99	10.29	10.92	11.66	
60	212.98	9.66	6.53	Student	4.17	6.24	8.01	8.84	9.66	10.48	11.32	13.08	15.15	
	210.99	9.79	2.32	School	7.83	8.57	9.20	9.50	9.79	10.08	10.38	11.01	11.75	
65	214.99	9.69	6.53	Student	4.19	6.26	8.03	8.87	9.69	10.51	11.34	13.11	15.18	
	211.96	9.88	2.32	School	7.92	8.66	9.29	9.59	9.88	10.17	10.47	11.10	11.84	
70	217.10	9.71	6.53	Student	4.22	6.29	8.06	8.89	9.71	10.53	11.37	13.14	15.21	
	212.98	9.98	2.32	School	8.02	8.76	9.39	9.68	9.98	10.27	10.56	11.19	11.93	
75	219.38	9.74	6.53	Student	4.25	6.32	8.09	8.92	9.74	10.56	11.39	13.16	15.23	
	214.08	10.08	2.32	School	8.12	8.86	9.49	9.79	10.08	10.37	10.67	11.30	12.04	
80	221.91	9.77	6.53	Student	4.28	6.35	8.12	8.95	9.77	10.59	11.43	13.19	15.26	
	215.30	10.19	2.32	School	8.24	8.98	9.61	9.90	10.19	10.49	10.78	11.41	12.15	
85	224.87	9.81	6.53	Student	4.32	6.39	8.16	8.99	9.81	10.63	11.46	13.23	15.30	
	216.73	10.33	2.32	School	8.37	9.11	9.74	10.04	10.33	10.62	10.92	11.55	12.28	
90	228.60	9.86	6.53	Student	4.36	6.43	8.20	9.04	9.86	10.68	11.51	13.28	15.35	
	218.53	10.50	2.32	School	8.54	9.28	9.91	10.20	10.50	10.79	11.09	11.72	12.45	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.38: Mathematics Grade 5
Fall To N Fall Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth																	
		Mean	SD		20	30	40	45	50	55	60	70	80									
10	189.67	4.78	6.17	Student	-0.42	1.54	3.22	4.00	4.78	5.56	6.34	8.02	9.98									
	199.74	4.61	1.71	School	3.17	3.71	4.17	4.39	4.61	4.82	5.04	5.50	6.04									
15	193.40	4.91	6.17	Student	-0.28	1.68	3.35	4.14	4.91	5.69	6.48	8.15	10.11									
	201.54	4.77	1.71	School	3.34	3.88	4.34	4.56	4.77	4.99	5.20	5.67	6.21									
20	196.35	5.02	6.17	Student	-0.18	1.78	3.45	4.24	5.02	5.79	6.58	8.26	10.21									
	202.97	4.90	1.71	School	3.47	4.01	4.47	4.69	4.90	5.12	5.34	5.80	6.34									
25	198.89	5.11	6.17	Student	-0.09	1.87	3.54	4.33	5.11	5.88	6.67	8.35	10.30									
	204.19	5.02	1.71	School	3.58	4.12	4.58	4.80	5.02	5.23	5.45	5.91	6.45									
30	201.17	5.19	6.17	Student	-0.01	1.95	3.63	4.41	5.19	5.97	6.75	8.43	10.39									
	205.29	5.12	1.71	School	3.68	4.22	4.69	4.90	5.12	5.33	5.55	6.01	6.56									
35	203.28	5.26	6.17	Student	0.07	2.03	3.70	4.49	5.26	6.04	6.83	8.50	10.46									
	206.31	5.21	1.71	School	3.78	4.32	4.78	5.00	5.21	5.43	5.65	6.11	6.65									
40	205.29	5.34	6.17	Student	0.14	2.10	3.77	4.56	5.34	6.11	6.90	8.57	10.53									
	207.28	5.30	1.71	School	3.86	4.41	4.87	5.09	5.30	5.52	5.73	6.20	6.74									
45	207.23	5.40	6.17	Student	0.21	2.17	3.84	4.63	5.40	6.18	6.97	8.64	10.60									
	208.21	5.39	1.71	School	3.95	4.49	4.96	5.17	5.39	5.60	5.82	6.28	6.83									
50	209.13	5.47	6.17	Student	0.28	2.24	3.91	4.70	5.47	6.25	7.04	8.71	10.67									
	209.13	5.47	1.71	School	4.04	4.58	5.04	5.26	5.47	5.69	5.91	6.37	6.91									
55	211.04	5.54	6.17	Student	0.34	2.30	3.98	4.76	5.54	6.32	7.10	8.78	10.74									
	210.06	5.56	1.71	School	4.12	4.66	5.13	5.34	5.56	5.77	5.99	6.45	7.00									
60	212.98	5.61	6.17	Student	0.41	2.37	4.05	4.83	5.61	6.39	7.17	8.85	10.81									
	210.99	5.64	1.71	School	4.21	4.75	5.21	5.43	5.64	5.86	6.08	6.54	7.08									
65	214.99	5.68	6.17	Student	0.49	2.44	4.12	4.91	5.68	6.46	7.25	8.92	10.88									
	211.96	5.73	1.71	School	4.30	4.84	5.30	5.52	5.73	5.95	6.17	6.63	7.17									
70	217.10	5.76	6.17	Student	0.56	2.52	4.19	4.98	5.76	6.53	7.32	8.99	10.95									
	212.98	5.83	1.71	School	4.39	4.93	5.39	5.61	5.83	6.04	6.26	6.72	7.26									
75	219.38	5.84	6.17	Student	0.64	2.60	4.27	5.06	5.84	6.61	7.40	9.07	11.03									
	214.08	5.93	1.71	School	4.49	5.03	5.50	5.71	5.93	6.14	6.36	6.82	7.37									
80	221.91	5.93	6.17	Student	0.73	2.69	4.36	5.15	5.93	6.70	7.49	9.16	11.12									
	215.30	6.04	1.71	School	4.60	5.15	5.61	5.83	6.04	6.26	6.47	6.94	7.48									
85	224.87	6.03	6.17	Student	0.84	2.80	4.47	5.26	6.03	6.81	7.60	9.27	11.23									
	216.73	6.17	1.71	School	4.74	5.28	5.74	5.96	6.17	6.39	6.61	7.07	7.61									
90	228.60	6.17	6.17	Student	0.97	2.93	4.60	5.39	6.17	6.94	7.73	9.40	11.36									
	218.53	6.34	1.71	School	4.90	5.44	5.91	6.12	6.34	6.55	6.77	7.23	7.78									

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.39: Mathematics Grade 5
Winter To Spring Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth										
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80		
10	194.35	3.88	4.74	Student	-0.11	1.39	2.68	3.28	3.88	4.48	5.08	6.37	7.87			
	204.66	3.46	0.93	School	2.68	2.97	3.22	3.34	3.46	3.58	3.70	3.95	4.25			
15	198.24	3.91	4.74	Student	-0.08	1.42	2.71	3.32	3.91	4.51	5.11	6.40	7.91			
	206.58	3.57	0.93	School	2.79	3.08	3.34	3.46	3.57	3.69	3.81	4.06	4.36			
20	201.33	3.94	4.74	Student	-0.05	1.45	2.74	3.34	3.94	4.53	5.14	6.43	7.93			
	208.10	3.66	0.93	School	2.88	3.17	3.43	3.55	3.66	3.78	3.90	4.15	4.45			
25	203.99	3.96	4.74	Student	-0.03	1.47	2.76	3.36	3.96	4.56	5.16	6.45	7.95			
	209.41	3.74	0.93	School	2.96	3.25	3.50	3.62	3.74	3.86	3.98	4.23	4.52			
30	206.37	3.98	4.74	Student	-0.01	1.49	2.78	3.38	3.98	4.58	5.18	6.47	7.97			
	210.59	3.81	0.93	School	3.02	3.32	3.57	3.69	3.81	3.93	4.05	4.30	4.59			
35	208.58	4.00	4.74	Student	0.01	1.51	2.80	3.40	4.00	4.60	5.20	6.49	7.99			
	211.68	3.87	0.93	School	3.09	3.38	3.64	3.76	3.87	3.99	4.11	4.36	4.66			
40	210.68	4.02	4.74	Student	0.02	1.53	2.81	3.42	4.02	4.61	5.22	6.50	8.01			
	212.71	3.93	0.93	School	3.15	3.44	3.70	3.82	3.93	4.05	4.17	4.42	4.72			
45	212.70	4.03	4.74	Student	0.04	1.55	2.83	3.44	4.03	4.63	5.24	6.52	8.03			
	213.71	3.99	0.93	School	3.21	3.50	3.76	3.88	3.99	4.11	4.23	4.48	4.78			
50	214.70	4.05	4.74	Student	0.06	1.56	2.85	3.45	4.05	4.65	5.25	6.54	8.04			
	214.70	4.05	0.93	School	3.27	3.56	3.81	3.93	4.05	4.17	4.29	4.54	4.83			
55	216.69	4.07	4.74	Student	0.07	1.58	2.87	3.47	4.07	4.66	5.27	6.55	8.06			
	215.68	4.11	0.93	School	3.32	3.62	3.87	3.99	4.11	4.23	4.34	4.60	4.89			
60	218.72	4.08	4.74	Student	0.09	1.60	2.88	3.49	4.08	4.68	5.29	6.57	8.08			
	216.68	4.17	0.93	School	3.38	3.68	3.93	4.05	4.17	4.28	4.40	4.66	4.95			
65	220.82	4.10	4.74	Student	0.11	1.61	2.90	3.51	4.10	4.70	5.30	6.59	8.09			
	217.72	4.23	0.93	School	3.44	3.74	3.99	4.11	4.23	4.34	4.46	4.72	5.01			
70	223.03	4.12	4.74	Student	0.13	1.63	2.92	3.52	4.12	4.72	5.32	6.61	8.11			
	218.81	4.29	0.93	School	3.51	3.80	4.06	4.17	4.29	4.41	4.53	4.78	5.08			
75	225.41	4.14	4.74	Student	0.15	1.65	2.94	3.54	4.14	4.74	5.34	6.63	8.13			
	219.98	4.36	0.93	School	3.58	3.87	4.12	4.24	4.36	4.48	4.60	4.85	5.14			
80	228.06	4.16	4.74	Student	0.17	1.67	2.96	3.57	4.16	4.76	5.36	6.65	8.15			
	221.29	4.44	0.93	School	3.65	3.95	4.20	4.32	4.44	4.55	4.67	4.93	5.22			
85	231.16	4.19	4.74	Student	0.20	1.70	2.99	3.59	4.19	4.78	5.39	6.68	8.18			
	222.82	4.53	0.93	School	3.74	4.04	4.29	4.41	4.53	4.64	4.76	5.02	5.31			
90	235.05	4.22	4.74	Student	0.23	1.73	3.02	3.62	4.22	4.82	5.42	6.71	8.21			
	224.74	4.64	0.93	School	3.85	4.15	4.40	4.52	4.64	4.76	4.88	5.13	5.42			

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.40: Mathematics Grade 6
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth		Conditional Growth										
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	193.91	5.62	6.00	Student	0.57	2.47	4.10	4.87	5.62	6.38	7.14	8.77	10.68
	204.78	4.62	1.89	School	3.03	3.63	4.14	4.38	4.62	4.85	5.09	5.61	6.21
15	197.96	5.41	6.00	Student	0.36	2.26	3.89	4.66	5.41	6.17	6.93	8.56	10.46
	206.74	4.60	1.89	School	3.01	3.61	4.12	4.36	4.60	4.83	5.08	5.59	6.19
20	201.17	5.24	6.00	Student	0.19	2.09	3.72	4.49	5.24	6.00	6.76	8.39	10.30
	208.31	4.58	1.89	School	2.99	3.59	4.10	4.34	4.58	4.82	5.06	5.57	6.17
25	203.92	5.10	6.00	Student	0.04	1.95	3.58	4.34	5.10	5.85	6.62	8.25	10.15
	209.64	4.57	1.89	School	2.98	3.58	4.09	4.33	4.57	4.81	5.05	5.56	6.16
30	206.40	4.97	6.00	Student	-0.09	1.82	3.45	4.21	4.97	5.72	6.49	8.12	10.02
	210.85	4.56	1.89	School	2.97	3.57	4.08	4.32	4.56	4.79	5.03	5.55	6.15
35	208.69	4.85	6.00	Student	-0.21	1.70	3.33	4.09	4.85	5.60	6.37	8.00	9.90
	211.96	4.54	1.89	School	2.95	3.55	4.07	4.31	4.54	4.78	5.02	5.54	6.13
40	210.87	4.73	6.00	Student	-0.32	1.58	3.21	3.98	4.73	5.49	6.25	7.88	9.79
	213.02	4.53	1.89	School	2.94	3.54	4.06	4.30	4.53	4.77	5.01	5.52	6.12
45	212.97	4.62	6.00	Student	-0.43	1.47	3.10	3.87	4.62	5.38	6.14	7.77	9.68
	214.04	4.52	1.89	School	2.93	3.53	4.05	4.29	4.52	4.76	5.00	5.51	6.11
50	215.05	4.51	6.00	Student	-0.54	1.37	2.99	3.76	4.51	5.27	6.03	7.66	9.57
	215.05	4.51	1.89	School	2.92	3.52	4.04	4.28	4.51	4.75	4.99	5.50	6.10
55	217.12	4.41	6.00	Student	-0.65	1.26	2.88	3.65	4.41	5.16	5.93	7.55	9.46
	216.05	4.50	1.89	School	2.91	3.51	4.03	4.27	4.50	4.74	4.98	5.49	6.09
60	219.22	4.29	6.00	Student	-0.76	1.15	2.77	3.54	4.29	5.05	5.82	7.44	9.35
	217.07	4.49	1.89	School	2.90	3.50	4.02	4.26	4.49	4.73	4.97	5.48	6.08
65	221.40	4.18	6.00	Student	-0.87	1.03	2.66	3.43	4.18	4.93	5.70	7.33	9.23
	218.13	4.48	1.89	School	2.89	3.49	4.00	4.25	4.48	4.72	4.96	5.47	6.07
70	223.69	4.06	6.00	Student	-0.99	0.91	2.54	3.31	4.06	4.81	5.58	7.21	9.11
	219.24	4.47	1.89	School	2.88	3.48	3.99	4.23	4.47	4.71	4.95	5.46	6.06
75	226.17	3.93	6.00	Student	-1.12	0.78	2.41	3.18	3.93	4.68	5.45	7.08	8.98
	220.45	4.46	1.89	School	2.87	3.47	3.98	4.22	4.46	4.70	4.94	5.45	6.05
80	228.92	3.79	6.00	Student	-1.27	0.64	2.26	3.03	3.79	4.54	5.31	6.93	8.84
	221.79	4.45	1.89	School	2.86	3.46	3.97	4.21	4.45	4.68	4.93	5.44	6.04
85	232.14	3.62	6.00	Student	-1.44	0.47	2.10	2.86	3.62	4.37	5.14	6.77	8.67
	223.35	4.43	1.89	School	2.84	3.44	3.95	4.19	4.43	4.67	4.91	5.42	6.02
90	236.18	3.40	6.00	Student	-1.65	0.26	1.88	2.65	3.40	4.16	4.93	6.55	8.46
	225.31	4.41	1.89	School	2.82	3.42	3.93	4.17	4.41	4.65	4.89	5.40	6.00

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.41: Mathematics Grade 6
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	196.49	-0.31	7.07	Student	-6.26	-4.02	-2.10	-1.19	-0.31	0.58	1.49	3.40	5.65	
	208.12	-2.90	2.36	School	-4.89	-4.14	-3.50	-3.20	-2.90	-2.61	-2.30	-1.66	-0.91	
15	200.81	-1.07	7.07	Student	-7.03	-4.78	-2.87	-1.96	-1.07	-0.18	0.72	2.64	4.88	
	210.22	-3.17	2.36	School	-5.16	-4.41	-3.77	-3.47	-3.17	-2.88	-2.58	-1.94	-1.19	
20	204.24	-1.68	7.07	Student	-7.64	-5.39	-3.48	-2.57	-1.68	-0.80	0.11	2.03	4.27	
	211.88	-3.39	2.36	School	-5.38	-4.63	-3.99	-3.69	-3.39	-3.09	-2.79	-2.15	-1.40	
25	207.19	-2.21	7.07	Student	-8.16	-5.92	-4.00	-3.10	-2.21	-1.32	-0.42	1.50	3.75	
	213.31	-3.58	2.36	School	-5.56	-4.81	-4.17	-3.87	-3.58	-3.28	-2.98	-2.34	-1.59	
30	209.83	-2.68	7.07	Student	-8.63	-6.39	-4.47	-3.57	-2.68	-1.79	-0.89	1.03	3.27	
	214.59	-3.74	2.36	School	-5.73	-4.98	-4.34	-4.04	-3.74	-3.45	-3.14	-2.50	-1.75	
35	212.28	-3.12	7.07	Student	-9.07	-6.83	-4.91	-4.01	-3.12	-2.23	-1.32	0.59	2.84	
	215.78	-3.90	2.36	School	-5.88	-5.14	-4.50	-4.19	-3.90	-3.60	-3.30	-2.66	-1.91	
40	214.61	-3.53	7.07	Student	-9.48	-7.24	-5.32	-4.42	-3.53	-2.64	-1.74	0.18	2.42	
	216.91	-4.04	2.36	School	-6.03	-5.28	-4.64	-4.34	-4.04	-3.75	-3.45	-2.81	-2.06	
45	216.86	-3.93	7.07	Student	-9.88	-7.64	-5.72	-4.82	-3.93	-3.04	-2.14	-0.22	2.02	
	218.00	-4.19	2.36	School	-6.17	-5.42	-4.78	-4.48	-4.19	-3.89	-3.59	-2.95	-2.20	
50	219.07	-4.32	7.07	Student	-10.3	-8.03	-6.12	-5.21	-4.32	-3.44	-2.53	-0.61	1.63	
	219.07	-4.32	2.36	School	-6.31	-5.56	-4.92	-4.62	-4.32	-4.03	-3.73	-3.09	-2.34	
55	221.29	-4.72	7.07	Student	-10.7	-8.43	-6.51	-5.61	-4.72	-3.83	-2.93	-1.01	1.24	
	220.15	-4.46	2.36	School	-6.45	-5.70	-5.06	-4.76	-4.46	-4.17	-3.87	-3.23	-2.48	
60	223.54	-5.12	7.07	Student	-11.1	-8.83	-6.91	-6.01	-5.12	-4.23	-3.33	-1.41	0.83	
	221.24	-4.61	2.36	School	-6.59	-5.84	-5.20	-4.90	-4.61	-4.31	-4.01	-3.37	-2.62	
65	225.86	-5.53	7.07	Student	-11.5	-9.24	-7.33	-6.42	-5.53	-4.64	-3.74	-1.82	0.42	
	222.36	-4.75	2.36	School	-6.74	-5.99	-5.35	-5.05	-4.75	-4.46	-4.15	-3.51	-2.76	
70	228.31	-5.97	7.07	Student	-11.9	-9.68	-7.76	-6.86	-5.97	-5.08	-4.18	-2.26	-0.02	
	223.55	-4.91	2.36	School	-6.89	-6.15	-5.51	-5.20	-4.91	-4.61	-4.31	-3.67	-2.92	
75	230.95	-6.44	7.07	Student	-12.4	-10.2	-8.23	-7.33	-6.44	-5.55	-4.65	-2.73	-0.49	
	224.84	-5.07	2.36	School	-7.06	-6.31	-5.67	-5.37	-5.07	-4.78	-4.47	-3.83	-3.09	
80	233.90	-6.96	7.07	Student	-12.9	-10.7	-8.76	-7.85	-6.96	-6.08	-5.17	-3.25	-1.01	
	226.26	-5.26	2.36	School	-7.25	-6.50	-5.86	-5.56	-5.26	-4.96	-4.66	-4.02	-3.27	
85	237.33	-7.58	7.07	Student	-13.5	-11.3	-9.37	-8.46	-7.58	-6.69	-5.78	-3.87	-1.62	
	227.93	-5.48	2.36	School	-7.46	-6.71	-6.07	-5.77	-5.48	-5.18	-4.88	-4.24	-3.49	
90	241.65	-8.34	7.07	Student	-14.3	-12.1	-10.1	-9.23	-8.34	-7.46	-6.55	-4.63	-2.39	
	230.02	-5.75	2.36	School	-7.73	-6.99	-6.35	-6.04	-5.75	-5.45	-5.15	-4.51	-3.76	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.42: Mathematics Grade 6
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	196.49	5.69	6.67	Student	0.08	2.20	4.00	4.86	5.69	6.53	7.39	9.19	11.31	
	208.12	4.27	2.42	School	2.24	3.01	3.66	3.97	4.27	4.58	4.89	5.54	6.31	
15	200.81	5.33	6.67	Student	-0.28	1.83	3.64	4.50	5.33	6.17	7.02	8.83	10.95	
	210.22	4.18	2.42	School	2.15	2.92	3.57	3.88	4.18	4.49	4.80	5.45	6.22	
20	204.24	5.05	6.67	Student	-0.57	1.55	3.36	4.21	5.05	5.89	6.74	8.55	10.66	
	211.88	4.11	2.42	School	2.08	2.85	3.50	3.81	4.11	4.42	4.73	5.38	6.15	
25	207.19	4.80	6.67	Student	-0.82	1.30	3.11	3.96	4.80	5.64	6.49	8.30	10.42	
	213.31	4.05	2.42	School	2.02	2.79	3.44	3.75	4.05	4.36	4.66	5.32	6.09	
30	209.83	4.58	6.67	Student	-1.04	1.08	2.89	3.74	4.58	5.42	6.27	8.08	10.20	
	214.59	4.00	2.42	School	1.96	2.73	3.39	3.69	4.00	4.30	4.61	5.27	6.03	
35	212.28	4.37	6.67	Student	-1.24	0.88	2.68	3.54	4.37	5.21	6.07	7.87	9.99	
	215.78	3.95	2.42	School	1.91	2.68	3.34	3.64	3.95	4.25	4.56	5.21	5.98	
40	214.61	4.18	6.67	Student	-1.44	0.68	2.49	3.34	4.18	5.02	5.87	7.68	9.80	
	216.91	3.90	2.42	School	1.87	2.63	3.29	3.60	3.90	4.20	4.51	5.17	5.93	
45	216.86	3.99	6.67	Student	-1.62	0.49	2.30	3.15	3.99	4.83	5.68	7.49	9.61	
	218.00	3.85	2.42	School	1.82	2.59	3.24	3.55	3.85	4.16	4.46	5.12	5.89	
50	219.07	3.81	6.67	Student	-1.81	0.31	2.12	2.97	3.81	4.65	5.50	7.31	9.42	
	219.07	3.81	2.42	School	1.77	2.54	3.19	3.50	3.81	4.11	4.42	5.07	5.84	
55	221.29	3.62	6.67	Student	-1.99	0.12	1.93	2.78	3.62	4.46	5.31	7.12	9.24	
	220.15	3.76	2.42	School	1.73	2.49	3.15	3.46	3.76	4.06	4.37	5.03	5.79	
60	223.54	3.43	6.67	Student	-2.18	-0.07	1.74	2.60	3.43	4.27	5.12	6.93	9.05	
	221.24	3.71	2.42	School	1.68	2.45	3.10	3.41	3.71	4.02	4.33	4.98	5.75	
65	225.86	3.24	6.67	Student	-2.38	-0.26	1.55	2.40	3.24	4.08	4.93	6.74	8.86	
	222.36	3.67	2.42	School	1.63	2.40	3.05	3.36	3.67	3.97	4.28	4.93	5.70	
70	228.31	3.03	6.67	Student	-2.58	-0.46	1.34	2.20	3.03	3.87	4.73	6.53	8.65	
	223.55	3.62	2.42	School	1.58	2.35	3.00	3.31	3.62	3.92	4.23	4.88	5.65	
75	230.95	2.81	6.67	Student	-2.80	-0.69	1.12	1.97	2.81	3.65	4.50	6.31	8.43	
	224.84	3.56	2.42	School	1.53	2.29	2.95	3.26	3.56	3.86	4.17	4.83	5.59	
80	233.90	2.57	6.67	Student	-3.05	-0.93	0.88	1.73	2.57	3.41	4.26	6.07	8.18	
	226.26	3.50	2.42	School	1.47	2.23	2.89	3.20	3.50	3.80	4.11	4.77	5.53	
85	237.33	2.28	6.67	Student	-3.34	-1.22	0.59	1.44	2.28	3.12	3.97	5.78	7.90	
	227.93	3.43	2.42	School	1.40	2.16	2.82	3.13	3.43	3.73	4.04	4.70	5.46	
90	241.65	1.92	6.67	Student	-3.70	-1.58	0.23	1.08	1.92	2.76	3.61	5.42	7.54	
	230.02	3.34	2.42	School	1.31	2.07	2.73	3.04	3.34	3.64	3.95	4.61	5.37	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.43: Mathematics Grade 6
Fall To Winter Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	194.09	5.01	5.04	Student	0.77	2.37	3.73	4.38	5.01	5.64	6.29	7.65	9.25		
	204.75	4.49	1.25	School	3.43	3.83	4.17	4.33	4.49	4.65	4.81	5.15	5.54		
15	198.04	4.97	5.04	Student	0.73	2.33	3.70	4.34	4.97	5.61	6.25	7.62	9.21		
	206.66	4.55	1.25	School	3.49	3.89	4.23	4.39	4.55	4.71	4.87	5.21	5.61		
20	201.18	4.94	5.04	Student	0.70	2.30	3.67	4.31	4.94	5.58	6.22	7.59	9.18		
	208.18	4.60	1.25	School	3.54	3.94	4.28	4.44	4.60	4.76	4.92	5.26	5.66		
25	203.88	4.92	5.04	Student	0.68	2.27	3.64	4.28	4.92	5.55	6.19	7.56	9.16		
	209.49	4.64	1.25	School	3.59	3.98	4.32	4.48	4.64	4.80	4.96	5.30	5.70		
30	206.30	4.89	5.04	Student	0.65	2.25	3.62	4.26	4.89	5.53	6.17	7.54	9.13		
	210.66	4.68	1.25	School	3.62	4.02	4.36	4.52	4.68	4.84	5.00	5.34	5.74		
35	208.54	4.87	5.04	Student	0.63	2.23	3.60	4.24	4.87	5.51	6.15	7.51	9.11		
	211.74	4.71	1.25	School	3.66	4.06	4.40	4.56	4.71	4.87	5.03	5.37	5.77		
40	210.66	4.85	5.04	Student	0.61	2.21	3.57	4.22	4.85	5.48	6.13	7.49	9.09		
	212.77	4.75	1.25	School	3.69	4.09	4.43	4.59	4.75	4.91	5.07	5.41	5.80		
45	212.72	4.83	5.04	Student	0.59	2.19	3.55	4.20	4.83	5.46	6.11	7.47	9.07		
	213.77	4.78	1.25	School	3.72	4.12	4.46	4.62	4.78	4.94	5.10	5.44	5.84		
50	214.75	4.81	5.04	Student	0.57	2.17	3.54	4.18	4.81	5.45	6.09	7.45	9.05		
	214.75	4.81	1.25	School	3.76	4.15	4.49	4.65	4.81	4.97	5.13	5.47	5.87		
55	216.77	4.79	5.04	Student	0.55	2.15	3.52	4.16	4.79	5.43	6.07	7.43	9.03		
	215.73	4.84	1.25	School	3.79	4.19	4.53	4.69	4.84	5.00	5.16	5.50	5.90		
60	218.83	4.77	5.04	Student	0.53	2.13	3.50	4.14	4.77	5.41	6.05	7.41	9.01		
	216.72	4.88	1.25	School	3.82	4.22	4.56	4.72	4.88	5.03	5.19	5.53	5.93		
65	220.96	4.75	5.04	Student	0.51	2.11	3.48	4.12	4.75	5.39	6.03	7.39	8.99		
	217.75	4.91	1.25	School	3.85	4.25	4.59	4.75	4.91	5.07	5.23	5.57	5.96		
70	223.20	4.73	5.04	Student	0.49	2.09	3.45	4.10	4.73	5.36	6.01	7.37	8.97		
	218.84	4.94	1.25	School	3.89	4.29	4.63	4.79	4.94	5.10	5.26	5.60	6.00		
75	225.62	4.71	5.04	Student	0.47	2.06	3.43	4.07	4.71	5.34	5.98	7.35	8.95		
	220.01	4.98	1.25	School	3.93	4.32	4.66	4.82	4.98	5.14	5.30	5.64	6.04		
80	228.31	4.68	5.04	Student	0.44	2.04	3.40	4.05	4.68	5.31	5.96	7.32	8.92		
	221.31	5.02	1.25	School	3.97	4.37	4.71	4.87	5.02	5.18	5.34	5.68	6.08		
85	231.45	4.65	5.04	Student	0.41	2.01	3.37	4.02	4.65	5.28	5.93	7.29	8.89		
	222.83	5.07	1.25	School	4.02	4.42	4.76	4.92	5.07	5.23	5.39	5.73	6.13		
90	235.40	4.61	5.04	Student	0.37	1.97	3.34	3.98	4.61	5.25	5.89	7.25	8.85		
	224.74	5.14	1.25	School	4.08	4.48	4.82	4.98	5.14	5.29	5.45	5.79	6.19		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.44: Mathematics Grade 6
Fall To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	194.09	7.94	6.38	Student	2.58	4.60	6.33	7.14	7.94	8.75	9.56	11.29	13.31	
	204.75	7.57	2.19	School	5.72	6.41	7.01	7.29	7.57	7.84	8.12	8.72	9.41	
15	198.04	7.98	6.38	Student	2.61	4.64	6.36	7.18	7.98	8.78	9.60	11.32	13.35	
	206.66	7.67	2.19	School	5.83	6.52	7.12	7.40	7.67	7.95	8.23	8.82	9.52	
20	201.18	8.01	6.38	Student	2.64	4.66	6.39	7.21	8.01	8.81	9.62	11.35	13.38	
	208.18	7.76	2.19	School	5.91	6.61	7.20	7.48	7.76	8.04	8.32	8.91	9.61	
25	203.88	8.03	6.38	Student	2.66	4.69	6.42	7.23	8.03	8.83	9.65	11.38	13.40	
	209.49	7.83	2.19	School	5.99	6.68	7.28	7.56	7.83	8.11	8.39	8.98	9.68	
30	206.30	8.05	6.38	Student	2.69	4.71	6.44	7.25	8.05	8.86	9.67	11.40	13.42	
	210.66	7.90	2.19	School	6.05	6.75	7.34	7.62	7.90	8.18	8.46	9.05	9.75	
35	208.54	8.08	6.38	Student	2.71	4.73	6.46	7.27	8.08	8.88	9.69	11.42	13.44	
	211.74	7.96	2.19	School	6.11	6.81	7.41	7.69	7.96	8.24	8.52	9.11	9.81	
40	210.66	8.09	6.38	Student	2.73	4.75	6.48	7.29	8.09	8.90	9.71	11.44	13.46	
	212.77	8.02	2.19	School	6.17	6.87	7.46	7.74	8.02	8.30	8.58	9.17	9.87	
45	212.72	8.11	6.38	Student	2.75	4.77	6.50	7.31	8.11	8.91	9.73	11.46	13.48	
	213.77	8.08	2.19	School	6.23	6.93	7.52	7.80	8.08	8.35	8.63	9.23	9.92	
50	214.75	8.13	6.38	Student	2.76	4.79	6.52	7.33	8.13	8.93	9.75	11.48	13.50	
	214.75	8.13	2.19	School	6.28	6.98	7.58	7.86	8.13	8.41	8.69	9.28	9.98	
55	216.77	8.15	6.38	Student	2.78	4.81	6.53	7.35	8.15	8.95	9.77	11.49	13.52	
	215.73	8.19	2.19	School	6.34	7.04	7.63	7.91	8.19	8.46	8.74	9.34	10.03	
60	218.83	8.17	6.38	Student	2.80	4.82	6.55	7.37	8.17	8.97	9.78	11.51	13.54	
	216.72	8.24	2.19	School	6.40	7.09	7.69	7.97	8.24	8.52	8.80	9.39	10.09	
65	220.96	8.19	6.38	Student	2.82	4.84	6.57	7.39	8.19	8.99	9.80	11.53	13.56	
	217.75	8.30	2.19	School	6.45	7.15	7.75	8.03	8.30	8.58	8.86	9.45	10.15	
70	223.20	8.21	6.38	Student	2.84	4.86	6.59	7.41	8.21	9.01	9.82	11.55	13.58	
	218.84	8.36	2.19	School	6.52	7.21	7.81	8.09	8.36	8.64	8.92	9.51	10.21	
75	225.62	8.23	6.38	Student	2.86	4.89	6.61	7.43	8.23	9.03	9.85	11.58	13.60	
	220.01	8.43	2.19	School	6.58	7.28	7.87	8.15	8.43	8.71	8.99	9.58	10.28	
80	228.31	8.25	6.38	Student	2.89	4.91	6.64	7.45	8.25	9.06	9.87	11.60	13.62	
	221.31	8.50	2.19	School	6.66	7.35	7.95	8.23	8.50	8.78	9.06	9.65	10.35	
85	231.45	8.28	6.38	Student	2.92	4.94	6.67	7.48	8.28	9.08	9.90	11.63	13.65	
	222.83	8.59	2.19	School	6.74	7.44	8.03	8.31	8.59	8.87	9.15	9.74	10.44	
90	235.40	8.32	6.38	Student	2.95	4.97	6.70	7.52	8.32	9.12	9.94	11.66	13.69	
	224.74	8.70	2.19	School	6.85	7.55	8.14	8.42	8.70	8.97	9.25	9.85	10.54	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.45: Mathematics Grade 6
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth RIT	Growth Mean	Growth SD	CGP CGI	Conditional Growth								
					20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	194.09	6.85	6.28	Student	1.56	3.55	5.25	6.06	6.85	7.64	8.44	10.14	12.13
	204.75	6.72	1.74	School	5.26	5.81	6.28	6.50	6.72	6.94	7.16	7.63	8.18
15	198.04	6.92	6.28	Student	1.63	3.63	5.33	6.13	6.92	7.71	8.51	10.22	12.21
	206.66	6.82	1.74	School	5.36	5.91	6.38	6.60	6.82	7.04	7.26	7.73	8.28
20	201.18	6.98	6.28	Student	1.69	3.69	5.39	6.19	6.98	7.77	8.57	10.28	12.27
	208.18	6.90	1.74	School	5.44	5.99	6.46	6.68	6.90	7.12	7.34	7.81	8.36
25	203.88	7.03	6.28	Student	1.74	3.74	5.44	6.24	7.03	7.82	8.63	10.33	12.32
	209.49	6.97	1.74	School	5.51	6.06	6.53	6.75	6.97	7.19	7.41	7.88	8.43
30	206.30	7.08	6.28	Student	1.79	3.78	5.49	6.29	7.08	7.87	8.67	10.38	12.37
	210.66	7.03	1.74	School	5.57	6.12	6.59	6.81	7.03	7.25	7.47	7.94	8.49
35	208.54	7.12	6.28	Student	1.83	3.83	5.53	6.33	7.12	7.91	8.72	10.42	12.41
	211.74	7.09	1.74	School	5.62	6.17	6.65	6.87	7.09	7.30	7.53	8.00	8.55
40	210.66	7.16	6.28	Student	1.88	3.87	5.57	6.37	7.16	7.95	8.76	10.46	12.45
	212.77	7.14	1.74	School	5.68	6.23	6.70	6.92	7.14	7.36	7.58	8.05	8.60
45	212.72	7.20	6.28	Student	1.91	3.91	5.61	6.41	7.20	7.99	8.80	10.50	12.49
	213.77	7.19	1.74	School	5.73	6.28	6.75	6.97	7.19	7.41	7.63	8.10	8.65
50	214.75	7.24	6.28	Student	1.95	3.95	5.65	6.45	7.24	8.03	8.83	10.54	12.53
	214.75	7.24	1.74	School	5.78	6.33	6.80	7.02	7.24	7.46	7.68	8.15	8.70
55	216.77	7.28	6.28	Student	1.99	3.99	5.69	6.49	7.28	8.07	8.87	10.58	12.57
	215.73	7.29	1.74	School	5.83	6.38	6.85	7.08	7.29	7.51	7.73	8.20	8.76
60	218.83	7.32	6.28	Student	2.03	4.03	5.73	6.53	7.32	8.11	8.91	10.62	12.61
	216.72	7.35	1.74	School	5.88	6.44	6.91	7.13	7.35	7.56	7.79	8.26	8.81
65	220.96	7.36	6.28	Student	2.07	4.07	5.77	6.57	7.36	8.15	8.95	10.66	12.65
	217.75	7.40	1.74	School	5.94	6.49	6.96	7.18	7.40	7.62	7.84	8.31	8.86
70	223.20	7.41	6.28	Student	2.12	4.11	5.81	6.62	7.41	8.19	9.00	10.70	12.69
	218.84	7.46	1.74	School	6.00	6.55	7.02	7.24	7.46	7.68	7.90	8.37	8.92
75	225.62	7.45	6.28	Student	2.16	4.16	5.86	6.66	7.45	8.24	9.04	10.75	12.74
	220.01	7.52	1.74	School	6.06	6.61	7.08	7.30	7.52	7.74	7.96	8.43	8.98
80	228.31	7.50	6.28	Student	2.21	4.21	5.91	6.71	7.50	8.29	9.10	10.80	12.79
	221.31	7.59	1.74	School	6.12	6.68	7.15	7.37	7.59	7.80	8.03	8.50	9.05
85	231.45	7.56	6.28	Student	2.28	4.27	5.97	6.77	7.56	8.35	9.16	10.86	12.85
	222.83	7.67	1.74	School	6.20	6.76	7.23	7.45	7.67	7.88	8.11	8.58	9.13
90	235.40	7.64	6.28	Student	2.35	4.34	6.05	6.85	7.64	8.43	9.23	10.94	12.93
	224.74	7.77	1.74	School	6.30	6.86	7.33	7.55	7.77	7.98	8.21	8.68	9.23

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.46: Mathematics Grade 6
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	198.11	3.21 4.71	Student	-0.75	0.74	2.02	2.62	3.21	3.80	4.40	5.68	7.17	
	209.11	2.89 0.90	School	2.14	2.42	2.67	2.78	2.89	3.01	3.12	3.37	3.65	
15	202.21	3.23 4.71	Student	-0.73	0.76	2.04	2.64	3.23	3.82	4.42	5.70	7.19	
	211.11	2.98 0.90	School	2.22	2.50	2.75	2.86	2.98	3.09	3.20	3.45	3.73	
20	205.47	3.25 4.71	Student	-0.71	0.78	2.06	2.66	3.25	3.84	4.44	5.72	7.21	
	212.70	3.04 0.90	School	2.28	2.57	2.81	2.93	3.04	3.15	3.27	3.51	3.80	
25	208.27	3.26 4.71	Student	-0.70	0.79	2.07	2.67	3.26	3.85	4.45	5.73	7.22	
	214.06	3.10 0.90	School	2.34	2.62	2.87	2.98	3.10	3.21	3.32	3.57	3.85	
30	210.78	3.27 4.71	Student	-0.69	0.81	2.08	2.68	3.27	3.87	4.47	5.74	7.24	
	215.28	3.15 0.90	School	2.39	2.67	2.92	3.03	3.15	3.26	3.37	3.62	3.90	
35	213.11	3.29 4.71	Student	-0.68	0.82	2.09	2.70	3.29	3.88	4.48	5.76	7.25	
	216.42	3.19 0.90	School	2.43	2.72	2.96	3.08	3.19	3.31	3.42	3.66	3.95	
40	215.32	3.30 4.71	Student	-0.66	0.83	2.11	2.71	3.30	3.89	4.49	5.77	7.26	
	217.49	3.24 0.90	School	2.48	2.76	3.01	3.12	3.24	3.35	3.46	3.71	3.99	
45	217.46	3.31 4.71	Student	-0.65	0.84	2.12	2.72	3.31	3.90	4.50	5.78	7.27	
	218.53	3.28 0.90	School	2.52	2.81	3.05	3.16	3.28	3.39	3.51	3.75	4.04	
50	219.56	3.32 4.71	Student	-0.64	0.85	2.13	2.73	3.32	3.91	4.51	5.79	7.28	
	219.56	3.32 0.90	School	2.56	2.85	3.09	3.21	3.32	3.43	3.55	3.79	4.08	
55	221.66	3.33 4.71	Student	-0.63	0.86	2.14	2.74	3.33	3.92	4.52	5.80	7.29	
	220.58	3.36 0.90	School	2.60	2.89	3.13	3.25	3.36	3.47	3.59	3.83	4.12	
60	223.80	3.34 4.71	Student	-0.62	0.87	2.15	2.75	3.34	3.93	4.53	5.81	7.30	
	221.62	3.40 0.90	School	2.65	2.93	3.18	3.29	3.40	3.52	3.63	3.88	4.16	
65	226.01	3.35 4.71	Student	-0.61	0.88	2.16	2.76	3.35	3.94	4.55	5.82	7.31	
	222.70	3.45 0.90	School	2.69	2.98	3.22	3.33	3.45	3.56	3.68	3.92	4.21	
70	228.34	3.36 4.71	Student	-0.60	0.90	2.17	2.77	3.36	3.96	4.56	5.83	7.33	
	223.83	3.49 0.90	School	2.74	3.02	3.27	3.38	3.49	3.61	3.72	3.97	4.25	
75	230.85	3.38 4.71	Student	-0.58	0.91	2.18	2.79	3.38	3.97	4.57	5.85	7.34	
	225.06	3.54 0.90	School	2.79	3.07	3.32	3.43	3.54	3.66	3.77	4.02	4.30	
80	233.65	3.39 4.71	Student	-0.57	0.92	2.20	2.80	3.39	3.98	4.58	5.86	7.35	
	226.42	3.60 0.90	School	2.84	3.13	3.37	3.49	3.60	3.71	3.83	4.07	4.36	
85	236.91	3.41 4.71	Student	-0.55	0.94	2.22	2.82	3.41	4.00	4.60	5.88	7.37	
	228.01	3.66 0.90	School	2.91	3.19	3.44	3.55	3.66	3.78	3.89	4.14	4.42	
90	241.01	3.43 4.71	Student	-0.53	0.96	2.24	2.84	3.43	4.02	4.62	5.90	7.39	
	230.00	3.74 0.90	School	2.99	3.27	3.52	3.63	3.74	3.86	3.97	4.22	4.50	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.47: Mathematics Grade 7
Last Winter To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	196.30	5.87	5.61	Student	1.15	2.93	4.45	5.16	5.87	6.57	7.29	8.81	10.59	
	207.28	5.50	1.53	School	4.20	4.69	5.11	5.30	5.50	5.69	5.89	6.30	6.79	
15	200.50	5.86	5.61	Student	1.14	2.91	4.43	5.15	5.86	6.56	7.28	8.80	10.57	
	209.37	5.56	1.53	School	4.26	4.75	5.17	5.36	5.56	5.75	5.94	6.36	6.85	
20	203.83	5.85	5.61	Student	1.13	2.91	4.43	5.14	5.85	6.55	7.27	8.79	10.57	
	211.04	5.60	1.53	School	4.31	4.80	5.21	5.41	5.60	5.80	5.99	6.41	6.89	
25	206.69	5.84	5.61	Student	1.12	2.90	4.42	5.13	5.84	6.54	7.26	8.78	10.56	
	212.47	5.64	1.53	School	4.35	4.84	5.25	5.45	5.64	5.84	6.03	6.45	6.93	
30	209.26	5.83	5.61	Student	1.11	2.89	4.41	5.13	5.83	6.53	7.25	8.77	10.55	
	213.75	5.68	1.53	School	4.39	4.87	5.29	5.49	5.68	5.87	6.07	6.48	6.97	
35	211.64	5.82	5.61	Student	1.10	2.88	4.40	5.12	5.82	6.53	7.24	8.76	10.54	
	214.94	5.71	1.53	School	4.42	4.91	5.32	5.52	5.71	5.90	6.10	6.52	7.00	
40	213.90	5.82	5.61	Student	1.10	2.88	4.40	5.11	5.82	6.52	7.24	8.76	10.54	
	216.07	5.74	1.53	School	4.45	4.94	5.35	5.55	5.74	5.94	6.13	6.55	7.04	
45	216.08	5.81	5.61	Student	1.09	2.87	4.39	5.11	5.81	6.52	7.23	8.75	10.53	
	217.16	5.77	1.53	School	4.48	4.97	5.39	5.58	5.77	5.97	6.16	6.58	7.07	
50	218.23	5.80	5.61	Student	1.09	2.86	4.38	5.10	5.80	6.51	7.23	8.75	10.52	
	218.23	5.80	1.53	School	4.51	5.00	5.42	5.61	5.80	6.00	6.19	6.61	7.10	
55	220.38	5.80	5.61	Student	1.08	2.86	4.38	5.09	5.80	6.50	7.22	8.74	10.52	
	219.31	5.83	1.53	School	4.54	5.03	5.45	5.64	5.83	6.03	6.22	6.64	7.13	
60	222.57	5.79	5.61	Student	1.07	2.85	4.37	5.09	5.79	6.50	7.21	8.73	10.51	
	220.40	5.87	1.53	School	4.57	5.06	5.48	5.67	5.87	6.06	6.25	6.67	7.16	
65	224.83	5.79	5.61	Student	1.07	2.85	4.37	5.08	5.79	6.49	7.21	8.73	10.50	
	221.53	5.90	1.53	School	4.61	5.09	5.51	5.70	5.90	6.09	6.29	6.70	7.19	
70	227.21	5.78	5.61	Student	1.06	2.84	4.36	5.07	5.78	6.48	7.20	8.72	10.50	
	222.72	5.93	1.53	School	4.64	5.13	5.54	5.74	5.93	6.12	6.32	6.74	7.22	
75	229.78	5.77	5.61	Student	1.05	2.83	4.35	5.07	5.77	6.48	7.19	8.71	10.49	
	224.00	5.97	1.53	School	4.68	5.16	5.58	5.77	5.97	6.16	6.36	6.77	7.26	
80	232.64	5.76	5.61	Student	1.04	2.82	4.34	5.06	5.76	6.47	7.18	8.70	10.48	
	225.43	6.01	1.53	School	4.72	5.20	5.62	5.81	6.01	6.20	6.40	6.81	7.30	
85	235.97	5.75	5.61	Student	1.03	2.81	4.33	5.05	5.75	6.46	7.17	8.69	10.47	
	227.09	6.05	1.53	School	4.76	5.25	5.66	5.86	6.05	6.25	6.44	6.86	7.35	
90	240.16	5.74	5.61	Student	1.02	2.80	4.32	5.04	5.74	6.45	7.16	8.68	10.46	
	229.19	6.11	1.53	School	4.82	5.31	5.72	5.92	6.11	6.31	6.50	6.92	7.40	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.48: Mathematics Grade 7
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean SD		CGI	20	30	40	45	50	55	60	70	80
10	198.43	1.13	6.62	Student	-4.44	-2.34	-0.54	0.30	1.13	1.96	2.81	4.60	6.70	
	210.02	-0.53	2.14	School	-2.33	-1.65	-1.07	-0.80	-0.53	-0.26	0.01	0.59	1.27	
15	202.85	0.66	6.62	Student	-4.91	-2.81	-1.01	-0.17	0.66	1.50	2.34	4.13	6.23	
	212.22	-0.68	2.14	School	-2.48	-1.80	-1.22	-0.95	-0.68	-0.41	-0.14	0.44	1.12	
20	206.36	0.29	6.62	Student	-5.28	-3.18	-1.39	-0.54	0.29	1.12	1.97	3.76	5.86	
	213.97	-0.80	2.14	School	-2.60	-1.92	-1.34	-1.07	-0.80	-0.53	-0.26	0.32	1.00	
25	209.37	-0.03	6.62	Student	-5.60	-3.50	-1.71	-0.86	-0.03	0.80	1.65	3.44	5.54	
	215.47	-0.90	2.14	School	-2.70	-2.02	-1.45	-1.17	-0.90	-0.64	-0.36	0.22	0.89	
30	212.08	-0.32	6.62	Student	-5.89	-3.79	-1.99	-1.15	-0.32	0.52	1.36	3.15	5.25	
	216.82	-1.00	2.14	School	-2.80	-2.12	-1.54	-1.27	-1.00	-0.73	-0.46	0.12	0.80	
35	214.59	-0.58	6.62	Student	-6.15	-4.05	-2.26	-1.42	-0.58	0.25	1.09	2.89	4.99	
	218.07	-1.08	2.14	School	-2.88	-2.20	-1.62	-1.35	-1.08	-0.81	-0.54	0.04	0.72	
40	216.96	-0.84	6.62	Student	-6.41	-4.31	-2.51	-1.67	-0.84	-0.00	0.84	2.64	4.74	
	219.25	-1.16	2.14	School	-2.96	-2.28	-1.71	-1.43	-1.16	-0.90	-0.62	-0.04	0.63	
45	219.26	-1.08	6.62	Student	-6.65	-4.55	-2.76	-1.91	-1.08	-0.25	0.60	2.39	4.49	
	220.40	-1.24	2.14	School	-3.04	-2.36	-1.78	-1.51	-1.24	-0.97	-0.70	-0.12	0.56	
50	221.53	-1.32	6.62	Student	-6.89	-4.79	-3.00	-2.15	-1.32	-0.49	0.36	2.15	4.25	
	221.53	-1.32	2.14	School	-3.12	-2.44	-1.86	-1.59	-1.32	-1.05	-0.78	-0.20	0.48	
55	223.79	-1.56	6.62	Student	-7.13	-5.03	-3.24	-2.39	-1.56	-0.73	0.12	1.91	4.01	
	222.66	-1.40	2.14	School	-3.20	-2.52	-1.94	-1.67	-1.40	-1.13	-0.86	-0.28	0.40	
60	226.09	-1.81	6.62	Student	-7.38	-5.28	-3.48	-2.64	-1.81	-0.97	-0.13	1.67	3.77	
	223.80	-1.48	2.14	School	-3.28	-2.60	-2.02	-1.75	-1.48	-1.21	-0.94	-0.36	0.32	
65	228.47	-2.06	6.62	Student	-7.63	-5.53	-3.74	-2.89	-2.06	-1.23	-0.38	1.41	3.51	
	224.99	-1.56	2.14	School	-3.36	-2.68	-2.10	-1.83	-1.56	-1.29	-1.02	-0.44	0.24	
70	230.98	-2.32	6.62	Student	-7.90	-5.80	-4.00	-3.16	-2.32	-1.49	-0.65	1.15	3.25	
	226.24	-1.64	2.14	School	-3.44	-2.76	-2.19	-1.91	-1.64	-1.38	-1.10	-0.52	0.15	
75	233.68	-2.61	6.62	Student	-8.18	-6.08	-4.29	-3.44	-2.61	-1.78	-0.93	0.86	2.96	
	227.59	-1.74	2.14	School	-3.54	-2.86	-2.28	-2.01	-1.74	-1.47	-1.20	-0.62	0.06	
80	236.70	-2.93	6.62	Student	-8.50	-6.40	-4.61	-3.76	-2.93	-2.10	-1.25	0.54	2.64	
	229.09	-1.84	2.14	School	-3.64	-2.96	-2.38	-2.11	-1.84	-1.57	-1.30	-0.72	-0.04	
85	240.21	-3.30	6.62	Student	-8.88	-6.78	-4.98	-4.14	-3.30	-2.47	-1.63	0.17	2.27	
	230.84	-1.96	2.14	School	-3.76	-3.08	-2.50	-2.23	-1.96	-1.69	-1.42	-0.84	-0.16	
90	244.62	-3.77	6.62	Student	-9.35	-7.25	-5.45	-4.61	-3.77	-2.94	-2.10	-0.30	1.80	
	233.04	-2.11	2.14	School	-3.91	-3.23	-2.65	-2.38	-2.11	-1.84	-1.57	-0.99	-0.31	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.49: Mathematics Grade 7
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	198.43	5.82	6.19	Student	0.61	2.58	4.26	5.05	5.82	6.60	7.39	9.07	11.03	
	210.02	5.11	1.84	School	3.57	4.15	4.65	4.88	5.11	5.34	5.58	6.08	6.66	
15	202.85	5.70	6.19	Student	0.50	2.46	4.14	4.93	5.70	6.48	7.27	8.95	10.91	
	212.22	5.13	1.84	School	3.58	4.17	4.66	4.90	5.13	5.36	5.60	6.09	6.68	
20	206.36	5.61	6.19	Student	0.40	2.36	4.04	4.83	5.61	6.39	7.18	8.86	10.82	
	213.97	5.14	1.84	School	3.60	4.18	4.68	4.91	5.14	5.37	5.61	6.11	6.69	
25	209.37	5.53	6.19	Student	0.32	2.28	3.96	4.75	5.53	6.31	7.10	8.77	10.74	
	215.47	5.15	1.84	School	3.61	4.19	4.69	4.92	5.15	5.39	5.62	6.12	6.70	
30	212.08	5.46	6.19	Student	0.25	2.21	3.89	4.68	5.46	6.23	7.02	8.70	10.66	
	216.82	5.17	1.84	School	3.62	4.20	4.70	4.93	5.17	5.40	5.63	6.13	6.71	
35	214.59	5.39	6.19	Student	0.18	2.14	3.82	4.61	5.39	6.17	6.96	8.63	10.60	
	218.07	5.17	1.84	School	3.63	4.21	4.71	4.94	5.17	5.41	5.64	6.14	6.72	
40	216.96	5.32	6.19	Student	0.12	2.08	3.76	4.55	5.32	6.10	6.89	8.57	10.53	
	219.25	5.18	1.84	School	3.64	4.22	4.72	4.95	5.18	5.41	5.65	6.15	6.73	
45	219.26	5.26	6.19	Student	0.05	2.02	3.69	4.48	5.26	6.04	6.83	8.51	10.47	
	220.40	5.19	1.84	School	3.65	4.23	4.73	4.96	5.19	5.42	5.66	6.16	6.74	
50	221.53	5.20	6.19	Student	-0.01	1.96	3.63	4.42	5.20	5.98	6.77	8.45	10.41	
	221.53	5.20	1.84	School	3.66	4.24	4.74	4.97	5.20	5.43	5.67	6.16	6.75	
55	223.79	5.14	6.19	Student	-0.07	1.90	3.57	4.36	5.14	5.92	6.71	8.39	10.35	
	222.66	5.21	1.84	School	3.66	4.25	4.74	4.98	5.21	5.44	5.68	6.17	6.76	
60	226.09	5.08	6.19	Student	-0.13	1.83	3.51	4.30	5.08	5.86	6.65	8.32	10.29	
	223.80	5.22	1.84	School	3.67	4.26	4.75	4.99	5.22	5.45	5.68	6.18	6.77	
65	228.47	5.01	6.19	Student	-0.19	1.77	3.45	4.24	5.01	5.79	6.58	8.26	10.22	
	224.99	5.23	1.84	School	3.68	4.27	4.76	5.00	5.23	5.46	5.69	6.19	6.77	
70	230.98	4.95	6.19	Student	-0.26	1.70	3.38	4.17	4.95	5.72	6.52	8.19	10.16	
	226.24	5.24	1.84	School	3.69	4.27	4.77	5.01	5.24	5.47	5.70	6.20	6.78	
75	233.68	4.87	6.19	Student	-0.33	1.63	3.31	4.10	4.87	5.65	6.44	8.12	10.08	
	227.59	5.25	1.84	School	3.70	4.29	4.78	5.02	5.25	5.48	5.71	6.21	6.79	
80	236.70	4.79	6.19	Student	-0.42	1.55	3.23	4.02	4.79	5.57	6.36	8.04	10.00	
	229.09	5.26	1.84	School	3.71	4.30	4.79	5.03	5.26	5.49	5.73	6.22	6.81	
85	240.21	4.70	6.19	Student	-0.51	1.45	3.13	3.92	4.70	5.48	6.27	7.94	9.91	
	230.84	5.27	1.84	School	3.73	4.31	4.81	5.04	5.27	5.50	5.74	6.24	6.82	
90	244.62	4.58	6.19	Student	-0.63	1.33	3.01	3.80	4.58	5.36	6.15	7.83	9.79	
	233.04	5.29	1.84	School	3.74	4.33	4.82	5.06	5.29	5.52	5.76	6.25	6.84	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.50: Mathematics Grade 7
Fall To Winter Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	197.89	4.02	4.96	Student	-0.15	1.42	2.77	3.40	4.02	4.64	5.28	6.62	8.19		
	209.15	3.56	1.17	School	2.57	2.94	3.26	3.41	3.56	3.70	3.85	4.17	4.54		
15	202.16	3.98	4.96	Student	-0.19	1.39	2.73	3.36	3.98	4.61	5.24	6.58	8.16		
	211.26	3.61	1.17	School	2.62	3.00	3.31	3.46	3.61	3.76	3.91	4.22	4.60		
20	205.55	3.96	4.96	Student	-0.22	1.36	2.70	3.33	3.96	4.58	5.21	6.55	8.13		
	212.94	3.65	1.17	School	2.67	3.04	3.35	3.50	3.65	3.80	3.95	4.27	4.64		
25	208.46	3.93	4.96	Student	-0.24	1.33	2.68	3.31	3.93	4.55	5.19	6.53	8.10		
	214.39	3.69	1.17	School	2.70	3.07	3.39	3.54	3.69	3.83	3.98	4.30	4.67		
30	211.08	3.91	4.96	Student	-0.26	1.31	2.65	3.29	3.91	4.53	5.16	6.51	8.08		
	215.68	3.72	1.17	School	2.73	3.10	3.42	3.57	3.72	3.87	4.02	4.33	4.70		
35	213.50	3.89	4.96	Student	-0.28	1.29	2.63	3.26	3.89	4.51	5.14	6.49	8.06		
	216.88	3.75	1.17	School	2.76	3.13	3.45	3.60	3.75	3.90	4.04	4.36	4.73		
40	215.80	3.87	4.96	Student	-0.30	1.27	2.61	3.25	3.87	4.49	5.12	6.47	8.04		
	218.02	3.78	1.17	School	2.79	3.16	3.48	3.63	3.78	3.92	4.07	4.39	4.76		
45	218.02	3.85	4.96	Student	-0.32	1.25	2.59	3.23	3.85	4.47	5.10	6.45	8.02		
	219.12	3.80	1.17	School	2.82	3.19	3.51	3.66	3.80	3.95	4.10	4.42	4.79		
50	220.21	3.83	4.96	Student	-0.34	1.23	2.57	3.21	3.83	4.45	5.09	6.43	8.00		
	220.21	3.83	1.17	School	2.84	3.22	3.53	3.68	3.83	3.98	4.13	4.44	4.82		
55	222.40	3.81	4.96	Student	-0.36	1.21	2.56	3.19	3.81	4.43	5.07	6.41	7.98		
	221.29	3.86	1.17	School	2.87	3.24	3.56	3.71	3.86	4.00	4.15	4.47	4.84		
60	224.62	3.79	4.96	Student	-0.38	1.19	2.54	3.17	3.79	4.41	5.05	6.39	7.96		
	222.40	3.88	1.17	School	2.90	3.27	3.59	3.74	3.88	4.03	4.18	4.50	4.87		
65	226.92	3.77	4.96	Student	-0.40	1.17	2.52	3.15	3.77	4.40	5.03	6.37	7.94		
	223.53	3.91	1.17	School	2.93	3.30	3.62	3.76	3.91	4.06	4.21	4.53	4.90		
70	229.34	3.75	4.96	Student	-0.42	1.15	2.50	3.13	3.75	4.37	5.01	6.35	7.92		
	224.73	3.94	1.17	School	2.96	3.33	3.64	3.79	3.94	4.09	4.24	4.56	4.93		
75	231.95	3.73	4.96	Student	-0.44	1.13	2.47	3.11	3.73	4.35	4.98	6.33	7.90		
	226.03	3.97	1.17	School	2.99	3.36	3.68	3.83	3.97	4.12	4.27	4.59	4.96		
80	234.86	3.70	4.96	Student	-0.47	1.11	2.45	3.08	3.70	4.33	4.96	6.30	7.88		
	227.47	4.01	1.17	School	3.02	3.39	3.71	3.86	4.01	4.16	4.31	4.62	4.99		
85	238.26	3.68	4.96	Student	-0.50	1.08	2.42	3.05	3.68	4.30	4.93	6.27	7.85		
	229.15	4.05	1.17	School	3.06	3.44	3.75	3.90	4.05	4.20	4.35	4.66	5.04		
90	242.52	3.64	4.96	Student	-0.53	1.04	2.38	3.02	3.64	4.26	4.89	6.24	7.81		
	231.27	4.10	1.17	School	3.12	3.49	3.81	3.96	4.10	4.25	4.40	4.72	5.09		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.51: Mathematics Grade 7
Fall To Spring Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	197.89	6.36	6.18	Student	1.16	3.12	4.80	5.58	6.36	7.14	7.93	9.60	11.56	
	209.15	6.05	2.05	School	4.32	4.97	5.53	5.79	6.05	6.30	6.56	7.12	7.77	
15	202.16	6.39	6.18	Student	1.19	3.15	4.83	5.62	6.39	7.17	7.96	9.63	11.59	
	211.26	6.14	2.05	School	4.41	5.06	5.62	5.88	6.14	6.39	6.66	7.21	7.86	
20	205.55	6.42	6.18	Student	1.22	3.18	4.85	5.64	6.42	7.19	7.98	9.65	11.61	
	212.94	6.21	2.05	School	4.48	5.13	5.69	5.95	6.21	6.47	6.73	7.28	7.93	
25	208.46	6.44	6.18	Student	1.24	3.20	4.87	5.66	6.44	7.21	8.00	9.68	11.63	
	214.39	6.27	2.05	School	4.55	5.20	5.75	6.01	6.27	6.53	6.79	7.35	8.00	
30	211.08	6.46	6.18	Student	1.26	3.22	4.89	5.68	6.46	7.23	8.02	9.69	11.65	
	215.68	6.33	2.05	School	4.60	5.25	5.81	6.07	6.33	6.58	6.85	7.40	8.05	
35	213.50	6.47	6.18	Student	1.28	3.24	4.91	5.70	6.47	7.25	8.04	9.71	11.67	
	216.88	6.38	2.05	School	4.65	5.30	5.86	6.12	6.38	6.64	6.90	7.45	8.10	
40	215.80	6.49	6.18	Student	1.29	3.25	4.93	5.71	6.49	7.27	8.05	9.73	11.69	
	218.02	6.43	2.05	School	4.70	5.35	5.91	6.17	6.43	6.69	6.95	7.50	8.15	
45	218.02	6.51	6.18	Student	1.31	3.27	4.94	5.73	6.51	7.28	8.07	9.74	11.70	
	219.12	6.48	2.05	School	4.75	5.40	5.96	6.22	6.48	6.73	6.99	7.55	8.20	
50	220.21	6.52	6.18	Student	1.32	3.28	4.96	5.75	6.52	7.30	8.09	9.76	11.72	
	220.21	6.52	2.05	School	4.80	5.45	6.00	6.26	6.52	6.78	7.04	7.60	8.25	
55	222.40	6.54	6.18	Student	1.34	3.30	4.97	5.76	6.54	7.31	8.10	9.78	11.74	
	221.29	6.57	2.05	School	4.84	5.49	6.05	6.31	6.57	6.83	7.09	7.64	8.29	
60	224.62	6.55	6.18	Student	1.36	3.32	4.99	5.78	6.55	7.33	8.12	9.79	11.75	
	222.40	6.62	2.05	School	4.89	5.54	6.10	6.36	6.62	6.87	7.14	7.69	8.34	
65	226.92	6.57	6.18	Student	1.37	3.33	5.01	5.80	6.57	7.35	8.14	9.81	11.77	
	223.53	6.67	2.05	School	4.94	5.59	6.15	6.41	6.67	6.92	7.18	7.74	8.39	
70	229.34	6.59	6.18	Student	1.39	3.35	5.02	5.81	6.59	7.36	8.15	9.83	11.79	
	224.73	6.72	2.05	School	4.99	5.64	6.20	6.46	6.72	6.98	7.24	7.79	8.44	
75	231.95	6.61	6.18	Student	1.41	3.37	5.04	5.83	6.61	7.38	8.17	9.85	11.80	
	226.03	6.77	2.05	School	5.05	5.70	6.25	6.52	6.77	7.03	7.29	7.85	8.50	
80	234.86	6.63	6.18	Student	1.43	3.39	5.06	5.85	6.63	7.40	8.19	9.87	11.83	
	227.47	6.84	2.05	School	5.11	5.76	6.32	6.58	6.84	7.09	7.35	7.91	8.56	
85	238.26	6.65	6.18	Student	1.46	3.41	5.09	5.88	6.65	7.43	8.22	9.89	11.85	
	229.15	6.91	2.05	School	5.18	5.83	6.39	6.65	6.91	7.17	7.43	7.98	8.63	
90	242.52	6.68	6.18	Student	1.49	3.45	5.12	5.91	6.68	7.46	8.25	9.92	11.88	
	231.27	7.00	2.05	School	5.27	5.92	6.48	6.74	7.00	7.26	7.52	8.07	8.72	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.52: Mathematics Grade 7
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth RIT	Mean	SD	CGP CGI	Conditional Growth								
					20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	197.89	5.06	5.89	Student	0.10	1.97	3.56	4.32	5.06	5.80	6.55	8.14	10.01
	209.15	5.30	1.60	School	3.96	4.46	4.90	5.10	5.30	5.50	5.71	6.14	6.65
15	202.16	5.24	5.89	Student	0.28	2.15	3.75	4.50	5.24	5.98	6.73	8.33	10.20
	211.26	5.44	1.60	School	4.09	4.60	5.03	5.24	5.44	5.64	5.84	6.27	6.78
20	205.55	5.38	5.89	Student	0.43	2.29	3.89	4.64	5.38	6.12	6.87	8.47	10.34
	212.94	5.54	1.60	School	4.20	4.71	5.14	5.34	5.54	5.75	5.95	6.38	6.89
25	208.46	5.51	5.89	Student	0.55	2.42	4.01	4.77	5.51	6.25	7.00	8.60	10.46
	214.39	5.64	1.60	School	4.29	4.80	5.23	5.44	5.64	5.84	6.04	6.47	6.98
30	211.08	5.62	5.89	Student	0.66	2.53	4.13	4.88	5.62	6.36	7.11	8.71	10.58
	215.68	5.72	1.60	School	4.37	4.88	5.31	5.52	5.72	5.92	6.12	6.56	7.06
35	213.50	5.72	5.89	Student	0.76	2.63	4.23	4.98	5.72	6.46	7.21	8.81	10.68
	216.88	5.80	1.60	School	4.45	4.96	5.39	5.59	5.80	6.00	6.20	6.63	7.14
40	215.80	5.82	5.89	Student	0.86	2.73	4.33	5.08	5.82	6.56	7.31	8.91	10.78
	218.02	5.87	1.60	School	4.52	5.03	5.46	5.67	5.87	6.07	6.27	6.71	7.21
45	218.02	5.91	5.89	Student	0.96	2.83	4.42	5.17	5.91	6.65	7.41	9.00	10.87
	219.12	5.94	1.60	School	4.59	5.10	5.53	5.74	5.94	6.14	6.34	6.78	7.28
50	220.21	6.01	5.89	Student	1.05	2.92	4.52	5.27	6.01	6.75	7.50	9.10	10.96
	220.21	6.01	1.60	School	4.66	5.17	5.60	5.81	6.01	6.21	6.41	6.85	7.35
55	222.40	6.10	5.89	Student	1.14	3.01	4.61	5.36	6.10	6.84	7.59	9.19	11.06
	221.29	6.08	1.60	School	4.73	5.24	5.67	5.88	6.08	6.28	6.48	6.91	7.42
60	224.62	6.20	5.89	Student	1.24	3.11	4.70	5.46	6.20	6.94	7.69	9.28	11.15
	222.40	6.15	1.60	School	4.80	5.31	5.74	5.95	6.15	6.35	6.55	6.99	7.49
65	226.92	6.29	5.89	Student	1.34	3.21	4.80	5.55	6.29	7.03	7.79	9.38	11.25
	223.53	6.22	1.60	School	4.87	5.38	5.81	6.02	6.22	6.42	6.62	7.06	7.56
70	229.34	6.40	5.89	Student	1.44	3.31	4.90	5.66	6.40	7.14	7.89	9.49	11.35
	224.73	6.30	1.60	School	4.95	5.46	5.89	6.10	6.30	6.50	6.70	7.13	7.64
75	231.95	6.51	5.89	Student	1.55	3.42	5.02	5.77	6.51	7.25	8.00	9.60	11.47
	226.03	6.38	1.60	School	5.03	5.54	5.97	6.18	6.38	6.58	6.78	7.22	7.72
80	234.86	6.63	5.89	Student	1.68	3.54	5.14	5.89	6.63	7.37	8.12	9.72	11.59
	227.47	6.47	1.60	School	5.13	5.63	6.07	6.27	6.47	6.67	6.88	7.31	7.82
85	238.26	6.78	5.89	Student	1.82	3.69	5.29	6.04	6.78	7.52	8.27	9.87	11.73
	229.15	6.58	1.60	School	5.23	5.74	6.17	6.38	6.58	6.78	6.98	7.42	7.92
90	242.52	6.96	5.89	Student	2.00	3.87	5.47	6.22	6.96	7.70	8.45	10.05	11.92
	231.27	6.71	1.60	School	5.37	5.88	6.31	6.51	6.71	6.91	7.12	7.55	8.06

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.53: Mathematics Grade 7
Winter To Spring Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	201.02	2.64	4.66	Student	-1.28	0.20	1.46	2.05	2.64	3.23	3.82	5.08	6.56
	212.61	2.34	0.85	School	1.63	1.90	2.13	2.24	2.34	2.45	2.56	2.79	3.06
15	205.42	2.65	4.66	Student	-1.27	0.21	1.47	2.06	2.65	3.24	3.83	5.09	6.57
	214.79	2.41	0.85	School	1.69	1.96	2.19	2.30	2.41	2.52	2.62	2.85	3.12
20	208.92	2.66	4.66	Student	-1.26	0.22	1.48	2.07	2.66	3.24	3.84	5.10	6.58
	216.53	2.46	0.85	School	1.75	2.02	2.25	2.36	2.46	2.57	2.68	2.91	3.18
25	211.92	2.66	4.66	Student	-1.26	0.22	1.48	2.08	2.66	3.25	3.84	5.11	6.59
	218.02	2.51	0.85	School	1.79	2.06	2.29	2.40	2.51	2.61	2.72	2.95	3.22
30	214.62	2.67	4.66	Student	-1.25	0.23	1.49	2.09	2.67	3.26	3.85	5.11	6.59
	219.36	2.55	0.85	School	1.83	2.10	2.33	2.44	2.55	2.66	2.76	2.99	3.26
35	217.12	2.68	4.66	Student	-1.24	0.23	1.50	2.09	2.68	3.26	3.86	5.12	6.60
	220.60	2.59	0.85	School	1.87	2.14	2.37	2.48	2.59	2.69	2.80	3.03	3.30
40	219.49	2.68	4.66	Student	-1.24	0.24	1.50	2.10	2.68	3.27	3.86	5.12	6.60
	221.78	2.62	0.85	School	1.91	2.18	2.41	2.52	2.62	2.73	2.84	3.07	3.34
45	221.78	2.69	4.66	Student	-1.23	0.24	1.51	2.10	2.69	3.27	3.87	5.13	6.61
	222.92	2.66	0.85	School	1.94	2.21	2.44	2.55	2.66	2.76	2.87	3.10	3.37
50	224.04	2.69	4.66	Student	-1.23	0.25	1.51	2.11	2.69	3.28	3.87	5.14	6.61
	224.04	2.69	0.85	School	1.98	2.25	2.48	2.59	2.69	2.80	2.91	3.14	3.41
55	226.30	2.70	4.66	Student	-1.22	0.25	1.52	2.11	2.70	3.28	3.88	5.14	6.62
	225.16	2.73	0.85	School	2.01	2.28	2.51	2.62	2.73	2.83	2.94	3.17	3.44
60	228.59	2.70	4.66	Student	-1.22	0.26	1.52	2.12	2.70	3.29	3.88	5.15	6.62
	226.30	2.76	0.85	School	2.05	2.32	2.55	2.65	2.76	2.87	2.98	3.21	3.48
65	230.96	2.71	4.66	Student	-1.21	0.27	1.53	2.12	2.71	3.29	3.89	5.15	6.63
	227.48	2.80	0.85	School	2.08	2.35	2.58	2.69	2.80	2.90	3.01	3.24	3.51
70	233.46	2.71	4.66	Student	-1.21	0.27	1.53	2.13	2.71	3.30	3.89	5.16	6.63
	228.72	2.84	0.85	School	2.12	2.39	2.62	2.73	2.84	2.94	3.05	3.28	3.55
75	236.15	2.72	4.66	Student	-1.20	0.28	1.54	2.13	2.72	3.31	3.90	5.16	6.64
	230.06	2.88	0.85	School	2.16	2.43	2.66	2.77	2.88	2.98	3.09	3.32	3.59
80	239.16	2.73	4.66	Student	-1.19	0.28	1.55	2.14	2.73	3.31	3.91	5.17	6.65
	231.55	2.92	0.85	School	2.21	2.48	2.71	2.82	2.92	3.03	3.14	3.37	3.64
85	242.65	2.73	4.66	Student	-1.19	0.29	1.55	2.15	2.73	3.32	3.91	5.18	6.66
	233.28	2.98	0.85	School	2.26	2.53	2.76	2.87	2.98	3.08	3.19	3.42	3.69
90	247.06	2.74	4.66	Student	-1.18	0.30	1.56	2.16	2.74	3.33	3.92	5.19	6.67
	235.47	3.04	0.85	School	2.33	2.60	2.83	2.94	3.04	3.15	3.26	3.49	3.76

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.54: Mathematics Grade 8
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	199.80	4.84 6.19	Student	-0.37	1.60	3.28	4.07	4.84	5.62	6.41	8.09	10.06	
	211.21	4.43 1.70	School	3.00	3.54	4.00	4.22	4.43	4.65	4.86	5.33	5.87	
15	204.24	4.89 6.19	Student	-0.32	1.65	3.32	4.11	4.89	5.67	6.46	8.14	10.10	
	213.47	4.56 1.70	School	3.13	3.67	4.13	4.35	4.56	4.77	4.99	5.45	5.99	
20	207.77	4.93 6.19	Student	-0.28	1.68	3.36	4.15	4.93	5.71	6.50	8.18	10.14	
	215.26	4.66 1.70	School	3.23	3.77	4.23	4.45	4.66	4.87	5.09	5.55	6.09	
25	210.80	4.96 6.19	Student	-0.25	1.72	3.39	4.18	4.96	5.74	6.53	8.21	10.17	
	216.81	4.75 1.70	School	3.31	3.85	4.31	4.53	4.75	4.96	5.18	5.64	6.18	
30	213.52	4.99 6.19	Student	-0.22	1.74	3.42	4.21	4.99	5.77	6.56	8.24	10.20	
	218.19	4.82 1.70	School	3.39	3.93	4.39	4.61	4.82	5.04	5.25	5.72	6.26	
35	216.04	5.02 6.19	Student	-0.19	1.77	3.45	4.24	5.02	5.80	6.59	8.26	10.23	
	219.47	4.89 1.70	School	3.46	4.00	4.46	4.68	4.89	5.11	5.33	5.79	6.33	
40	218.44	5.04 6.19	Student	-0.17	1.80	3.47	4.27	5.04	5.82	6.61	8.29	10.25	
	220.69	4.96 1.70	School	3.53	4.07	4.53	4.75	4.96	5.18	5.39	5.85	6.39	
45	220.75	5.07 6.19	Student	-0.14	1.82	3.50	4.29	5.07	5.85	6.64	8.31	10.28	
	221.87	5.03 1.70	School	3.60	4.14	4.60	4.81	5.03	5.24	5.46	5.92	6.46	
50	223.03	5.09 6.19	Student	-0.12	1.85	3.52	4.31	5.09	5.87	6.66	8.34	10.30	
	223.03	5.09 1.70	School	3.66	4.20	4.66	4.88	5.09	5.31	5.52	5.99	6.53	
55	225.30	5.12 6.19	Student	-0.09	1.87	3.55	4.34	5.12	5.89	6.69	8.36	10.33	
	224.19	5.16 1.70	School	3.72	4.26	4.73	4.94	5.16	5.37	5.59	6.05	6.59	
60	227.62	5.14 6.19	Student	-0.07	1.89	3.57	4.36	5.14	5.92	6.71	8.39	10.35	
	225.36	5.22 1.70	School	3.79	4.33	4.79	5.01	5.22	5.44	5.65	6.12	6.66	
65	230.01	5.17 6.19	Student	-0.04	1.92	3.60	4.39	5.17	5.94	6.74	8.41	10.38	
	226.58	5.29 1.70	School	3.86	4.40	4.86	5.08	5.29	5.50	5.72	6.18	6.72	
70	232.53	5.19 6.19	Student	-0.02	1.95	3.63	4.42	5.19	5.97	6.76	8.44	10.40	
	227.86	5.36 1.70	School	3.93	4.47	4.93	5.15	5.36	5.58	5.79	6.25	6.79	
75	235.25	5.22 6.19	Student	0.01	1.98	3.65	4.44	5.22	6.00	6.79	8.47	10.43	
	229.25	5.44 1.70	School	4.01	4.55	5.01	5.23	5.44	5.65	5.87	6.33	6.87	
80	238.28	5.25 6.19	Student	0.04	2.01	3.69	4.48	5.25	6.03	6.82	8.50	10.47	
	230.79	5.53 1.70	School	4.09	4.63	5.09	5.31	5.53	5.74	5.96	6.42	6.96	
85	241.81	5.29 6.19	Student	0.08	2.05	3.72	4.51	5.29	6.07	6.86	8.54	10.50	
	232.59	5.63 1.70	School	4.19	4.73	5.19	5.41	5.63	5.84	6.06	6.52	7.06	
90	246.25	5.34 6.19	Student	0.13	2.09	3.77	4.56	5.34	6.12	6.91	8.59	10.55	
	234.85	5.75 1.70	School	4.32	4.86	5.32	5.54	5.75	5.97	6.18	6.64	7.18	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.55: Mathematics Grade 8
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGI		20	30	40	45	50	55	60	70	80	
10	201.46	0.88	6.94	Student	-4.97	-2.76	-0.88	0.01	0.88	1.75	2.64	4.52	6.72		
	213.40	-0.60	2.18	School	-2.43	-1.74	-1.15	-0.87	-0.60	-0.32	-0.04	0.55	1.24		
15	206.09	0.57	6.94	Student	-5.27	-3.07	-1.19	-0.30	0.57	1.44	2.33	4.21	6.42		
	215.74	-0.62	2.18	School	-2.45	-1.76	-1.17	-0.89	-0.62	-0.35	-0.07	0.52	1.21		
20	209.76	0.33	6.94	Student	-5.52	-3.31	-1.43	-0.55	0.33	1.20	2.09	3.97	6.17		
	217.60	-0.64	2.18	School	-2.47	-1.78	-1.19	-0.91	-0.64	-0.37	-0.09	0.50	1.19		
25	212.92	0.12	6.94	Student	-5.73	-3.52	-1.64	-0.75	0.12	0.99	1.88	3.76	5.96		
	219.20	-0.66	2.18	School	-2.49	-1.80	-1.21	-0.93	-0.66	-0.38	-0.11	0.49	1.18		
30	215.75	-0.07	6.94	Student	-5.91	-3.71	-1.83	-0.94	-0.07	0.80	1.69	3.57	5.77		
	220.63	-0.67	2.18	School	-2.51	-1.82	-1.22	-0.95	-0.67	-0.40	-0.12	0.47	1.16		
35	218.37	-0.24	6.94	Student	-6.09	-3.89	-2.00	-1.12	-0.24	0.63	1.52	3.40	5.60		
	221.96	-0.69	2.18	School	-2.52	-1.83	-1.24	-0.96	-0.69	-0.41	-0.13	0.46	1.15		
40	220.86	-0.41	6.94	Student	-6.25	-4.05	-2.17	-1.28	-0.41	0.46	1.35	3.23	5.44		
	223.22	-0.70	2.18	School	-2.53	-1.84	-1.25	-0.97	-0.70	-0.43	-0.15	0.44	1.13		
45	223.27	-0.57	6.94	Student	-6.41	-4.21	-2.33	-1.44	-0.57	0.30	1.19	3.07	5.28		
	224.44	-0.71	2.18	School	-2.55	-1.86	-1.27	-0.99	-0.71	-0.44	-0.16	0.43	1.12		
50	225.64	-0.73	6.94	Student	-6.57	-4.37	-2.49	-1.60	-0.73	0.15	1.03	2.92	5.12		
	225.64	-0.73	2.18	School	-2.56	-1.87	-1.28	-1.00	-0.73	-0.45	-0.17	0.42	1.11		
55	228.02	-0.88	6.94	Student	-6.73	-4.52	-2.64	-1.76	-0.88	-0.01	0.88	2.76	4.96		
	226.84	-0.74	2.18	School	-2.57	-1.88	-1.29	-1.01	-0.74	-0.46	-0.19	0.40	1.09		
60	230.42	-1.04	6.94	Student	-6.89	-4.68	-2.80	-1.92	-1.04	-0.17	0.72	2.60	4.80		
	228.07	-0.75	2.18	School	-2.59	-1.89	-1.30	-1.03	-0.75	-0.48	-0.20	0.39	1.08		
65	232.91	-1.21	6.94	Student	-7.05	-4.85	-2.97	-2.08	-1.21	-0.34	0.55	2.43	4.64		
	229.33	-0.77	2.18	School	-2.60	-1.91	-1.32	-1.04	-0.77	-0.49	-0.21	0.38	1.07		
70	235.54	-1.38	6.94	Student	-7.23	-5.02	-3.14	-2.25	-1.38	-0.51	0.38	2.26	4.46		
	230.66	-0.78	2.18	School	-2.61	-1.92	-1.33	-1.05	-0.78	-0.51	-0.23	0.36	1.05		
75	238.37	-1.57	6.94	Student	-7.41	-5.21	-3.33	-2.44	-1.57	-0.70	0.19	2.07	4.27		
	232.09	-0.79	2.18	School	-2.63	-1.94	-1.35	-1.07	-0.79	-0.52	-0.24	0.35	1.04		
80	241.53	-1.78	6.94	Student	-7.62	-5.42	-3.54	-2.65	-1.78	-0.91	-0.02	1.86	4.07		
	233.69	-0.81	2.18	School	-2.64	-1.95	-1.36	-1.09	-0.81	-0.54	-0.26	0.33	1.02		
85	245.20	-2.02	6.94	Student	-7.87	-5.66	-3.78	-2.90	-2.02	-1.15	-0.26	1.62	3.82		
	235.55	-0.83	2.18	School	-2.66	-1.97	-1.38	-1.10	-0.83	-0.56	-0.28	0.31	1.00		
90	249.83	-2.33	6.94	Student	-8.17	-5.97	-4.09	-3.20	-2.33	-1.46	-0.57	1.31	3.51		
	237.89	-0.86	2.18	School	-2.69	-2.00	-1.41	-1.13	-0.86	-0.58	-0.30	0.29	0.98		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.56: Mathematics Grade 8
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth RIT	Growth Mean SD		CGP CGI	Conditional Growth									
					20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	201.46	4.96	7.14	Student	-1.04	1.22	3.15	4.06	4.96	5.86	6.77	8.70	10.97	
	213.40	4.22	2.24	School	2.34	3.05	3.66	3.94	4.22	4.50	4.79	5.40	6.11	
15	206.09	4.90	7.14	Student	-1.10	1.16	3.09	4.01	4.90	5.80	6.71	8.65	10.91	
	215.74	4.31	2.24	School	2.42	3.13	3.74	4.02	4.31	4.59	4.87	5.48	6.19	
20	209.76	4.86	7.14	Student	-1.15	1.11	3.05	3.96	4.86	5.75	6.66	8.60	10.86	
	217.60	4.37	2.24	School	2.49	3.20	3.80	4.09	4.37	4.65	4.94	5.54	6.25	
25	212.92	4.82	7.14	Student	-1.19	1.07	3.01	3.92	4.82	5.71	6.62	8.56	10.82	
	219.20	4.43	2.24	School	2.54	3.25	3.86	4.15	4.43	4.71	4.99	5.60	6.31	
30	215.75	4.78	7.14	Student	-1.23	1.04	2.97	3.88	4.78	5.68	6.59	8.52	10.79	
	220.63	4.48	2.24	School	2.59	3.30	3.91	4.20	4.48	4.76	5.05	5.65	6.36	
35	218.37	4.75	7.14	Student	-1.26	1.01	2.94	3.85	4.75	5.64	6.56	8.49	10.75	
	221.96	4.53	2.24	School	2.64	3.35	3.96	4.24	4.53	4.81	5.09	5.70	6.41	
40	220.86	4.72	7.14	Student	-1.29	0.97	2.91	3.82	4.72	5.61	6.52	8.46	10.72	
	223.22	4.57	2.24	School	2.69	3.40	4.00	4.29	4.57	4.85	5.14	5.74	6.45	
45	223.27	4.69	7.14	Student	-1.32	0.94	2.88	3.79	4.69	5.58	6.49	8.43	10.69	
	224.44	4.61	2.24	School	2.73	3.44	4.05	4.33	4.61	4.89	5.18	5.79	6.50	
50	225.64	4.66	7.14	Student	-1.35	0.91	2.85	3.76	4.66	5.55	6.46	8.40	10.66	
	225.64	4.66	2.24	School	2.77	3.48	4.09	4.37	4.66	4.94	5.22	5.83	6.54	
55	228.02	4.63	7.14	Student	-1.38	0.88	2.82	3.73	4.63	5.52	6.43	8.37	10.63	
	226.84	4.70	2.24	School	2.81	3.52	4.13	4.42	4.70	4.98	5.27	5.87	6.58	
60	230.42	4.60	7.14	Student	-1.41	0.85	2.79	3.70	4.60	5.49	6.40	8.34	10.60	
	228.07	4.74	2.24	School	2.86	3.57	4.17	4.46	4.74	5.02	5.31	5.91	6.62	
65	232.91	4.56	7.14	Student	-1.44	0.82	2.76	3.67	4.56	5.46	6.37	8.31	10.57	
	229.33	4.79	2.24	School	2.90	3.61	4.22	4.50	4.79	5.07	5.35	5.96	6.67	
70	235.54	4.53	7.14	Student	-1.48	0.79	2.72	3.63	4.53	5.43	6.34	8.27	10.54	
	230.66	4.83	2.24	School	2.95	3.66	4.27	4.55	4.83	5.11	5.40	6.01	6.72	
75	238.37	4.49	7.14	Student	-1.51	0.75	2.69	3.60	4.49	5.39	6.30	8.24	10.50	
	232.09	4.88	2.24	School	3.00	3.71	4.32	4.60	4.88	5.16	5.45	6.06	6.77	
80	241.53	4.45	7.14	Student	-1.55	0.71	2.65	3.56	4.45	5.35	6.26	8.20	10.46	
	233.69	4.94	2.24	School	3.06	3.77	4.37	4.66	4.94	5.22	5.51	6.11	6.82	
85	245.20	4.41	7.14	Student	-1.60	0.67	2.60	3.51	4.41	5.31	6.22	8.15	10.41	
	235.55	5.01	2.24	School	3.12	3.83	4.44	4.72	5.01	5.29	5.57	6.18	6.89	
90	249.83	4.35	7.14	Student	-1.66	0.61	2.54	3.45	4.35	5.25	6.16	8.09	10.36	
	237.89	5.09	2.24	School	3.21	3.92	4.52	4.81	5.09	5.37	5.66	6.26	6.97	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.57: Mathematics Grade 8
Fall To Winter Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	200.65	3.63	5.26	Student	-0.80	0.87	2.30	2.97	3.63	4.29	4.96	6.39	8.06	
	212.48	3.09	1.38	School	1.93	2.37	2.74	2.92	3.09	3.27	3.44	3.81	4.25	
15	205.29	3.55	5.26	Student	-0.88	0.79	2.21	2.89	3.55	4.21	4.88	6.31	7.98	
	214.86	3.11	1.38	School	1.95	2.39	2.76	2.94	3.11	3.29	3.46	3.84	4.27	
20	208.98	3.48	5.26	Student	-0.95	0.72	2.15	2.82	3.48	4.14	4.82	6.24	7.91	
	216.75	3.13	1.38	School	1.97	2.41	2.78	2.96	3.13	3.30	3.48	3.85	4.29	
25	212.14	3.43	5.26	Student	-1.00	0.67	2.09	2.77	3.43	4.09	4.76	6.19	7.86	
	218.37	3.14	1.38	School	1.98	2.42	2.79	2.97	3.14	3.32	3.49	3.87	4.30	
30	214.99	3.38	5.26	Student	-1.05	0.62	2.04	2.72	3.38	4.04	4.71	6.14	7.81	
	219.83	3.16	1.38	School	2.00	2.43	2.81	2.98	3.16	3.33	3.51	3.88	4.32	
35	217.62	3.33	5.26	Student	-1.10	0.57	2.00	2.67	3.33	3.99	4.66	6.09	7.76	
	221.18	3.17	1.38	School	2.01	2.45	2.82	3.00	3.17	3.34	3.52	3.89	4.33	
40	220.12	3.29	5.26	Student	-1.14	0.53	1.95	2.63	3.29	3.95	4.62	6.05	7.71	
	222.46	3.18	1.38	School	2.02	2.46	2.83	3.01	3.18	3.35	3.53	3.90	4.34	
45	222.54	3.24	5.26	Student	-1.18	0.48	1.91	2.58	3.24	3.91	4.58	6.00	7.67	
	223.70	3.19	1.38	School	2.03	2.47	2.84	3.02	3.19	3.36	3.54	3.91	4.35	
50	224.92	3.20	5.26	Student	-1.23	0.44	1.87	2.54	3.20	3.86	4.54	5.96	7.63	
	224.92	3.20	1.38	School	2.04	2.48	2.85	3.03	3.20	3.38	3.55	3.93	4.36	
55	227.30	3.16	5.26	Student	-1.27	0.40	1.83	2.50	3.16	3.82	4.49	5.92	7.59	
	226.14	3.21	1.38	School	2.05	2.49	2.86	3.04	3.21	3.39	3.56	3.94	4.37	
60	229.72	3.12	5.26	Student	-1.31	0.36	1.78	2.46	3.12	3.78	4.45	5.88	7.55	
	227.38	3.22	1.38	School	2.06	2.50	2.87	3.05	3.22	3.40	3.57	3.95	4.38	
65	232.21	3.07	5.26	Student	-1.35	0.31	1.74	2.41	3.07	3.73	4.41	5.83	7.50	
	228.66	3.24	1.38	School	2.07	2.51	2.89	3.06	3.24	3.41	3.58	3.96	4.40	
70	234.85	3.03	5.26	Student	-1.40	0.27	1.69	2.37	3.03	3.69	4.36	5.79	7.46	
	230.01	3.25	1.38	School	2.09	2.52	2.90	3.07	3.25	3.42	3.60	3.97	4.41	
75	237.69	2.98	5.26	Student	-1.45	0.22	1.64	2.32	2.98	3.64	4.31	5.74	7.41	
	231.46	3.26	1.38	School	2.10	2.54	2.91	3.09	3.26	3.43	3.61	3.98	4.42	
80	240.86	2.92	5.26	Student	-1.51	0.16	1.59	2.26	2.92	3.58	4.25	5.68	7.35	
	233.08	3.27	1.38	School	2.11	2.55	2.93	3.10	3.27	3.45	3.62	4.00	4.44	
85	244.55	2.86	5.26	Student	-1.57	0.10	1.52	2.20	2.86	3.52	4.19	5.62	7.29	
	234.97	3.29	1.38	School	2.13	2.57	2.94	3.12	3.29	3.46	3.64	4.01	4.45	
90	249.19	2.78	5.26	Student	-1.65	0.02	1.44	2.11	2.78	3.44	4.11	5.53	7.20	
	237.35	3.31	1.38	School	2.15	2.59	2.96	3.14	3.31	3.49	3.66	4.04	4.47	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.58: Mathematics Grade 8
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth RIT	Growth Mean SD		CGP CGI	Conditional Growth									
					20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	200.65	5.67	6.92	Student	-0.16	2.04	3.92	4.80	5.67	6.54	7.43	9.30	11.50	
	212.48	5.19	2.41	School	3.16	3.92	4.58	4.89	5.19	5.49	5.80	6.45	7.22	
15	205.29	5.62	6.92	Student	-0.21	1.99	3.86	4.75	5.62	6.49	7.37	9.25	11.44	
	214.86	5.23	2.41	School	3.19	3.96	4.61	4.92	5.23	5.53	5.84	6.49	7.26	
20	208.98	5.57	6.92	Student	-0.26	1.94	3.82	4.70	5.57	6.44	7.33	9.20	11.40	
	216.75	5.25	2.41	School	3.22	3.99	4.64	4.95	5.25	5.56	5.87	6.52	7.29	
25	212.14	5.53	6.92	Student	-0.29	1.90	3.78	4.66	5.53	6.40	7.29	9.17	11.36	
	218.37	5.28	2.41	School	3.25	4.01	4.67	4.98	5.28	5.58	5.89	6.55	7.31	
30	214.99	5.50	6.92	Student	-0.33	1.87	3.75	4.63	5.50	6.37	7.25	9.13	11.33	
	219.83	5.30	2.41	School	3.27	4.04	4.69	5.00	5.30	5.61	5.91	6.57	7.33	
35	217.62	5.47	6.92	Student	-0.36	1.84	3.71	4.60	5.47	6.34	7.22	9.10	11.30	
	221.18	5.32	2.41	School	3.29	4.06	4.71	5.02	5.32	5.63	5.93	6.59	7.35	
40	220.12	5.44	6.92	Student	-0.39	1.81	3.68	4.57	5.44	6.31	7.19	9.07	11.27	
	222.46	5.34	2.41	School	3.31	4.08	4.73	5.04	5.34	5.65	5.95	6.61	7.37	
45	222.54	5.41	6.92	Student	-0.42	1.78	3.66	4.54	5.41	6.28	7.16	9.04	11.24	
	223.70	5.36	2.41	School	3.33	4.10	4.75	5.06	5.36	5.67	5.97	6.63	7.39	
50	224.92	5.38	6.92	Student	-0.45	1.75	3.63	4.51	5.38	6.25	7.14	9.01	11.21	
	224.92	5.38	2.41	School	3.35	4.12	4.77	5.08	5.38	5.68	5.99	6.65	7.41	
55	227.30	5.35	6.92	Student	-0.47	1.72	3.60	4.48	5.35	6.22	7.11	8.98	11.18	
	226.14	5.40	2.41	School	3.37	4.14	4.79	5.10	5.40	5.70	6.01	6.67	7.43	
60	229.72	5.32	6.92	Student	-0.50	1.69	3.57	4.45	5.32	6.19	7.08	8.96	11.15	
	227.38	5.42	2.41	School	3.39	4.15	4.81	5.12	5.42	5.72	6.03	6.68	7.45	
65	232.21	5.29	6.92	Student	-0.53	1.66	3.54	4.42	5.29	6.16	7.05	8.93	11.12	
	228.66	5.44	2.41	School	3.41	4.17	4.83	5.14	5.44	5.74	6.05	6.70	7.47	
70	234.85	5.26	6.92	Student	-0.57	1.63	3.51	4.39	5.26	6.13	7.02	8.89	11.09	
	230.01	5.46	2.41	School	3.43	4.20	4.85	5.16	5.46	5.76	6.07	6.73	7.49	
75	237.69	5.23	6.92	Student	-0.60	1.60	3.47	4.36	5.23	6.10	6.98	8.86	11.06	
	231.46	5.48	2.41	School	3.45	4.22	4.87	5.18	5.48	5.79	6.09	6.75	7.51	
80	240.86	5.19	6.92	Student	-0.64	1.56	3.44	4.32	5.19	6.06	6.95	8.82	11.02	
	233.08	5.51	2.41	School	3.48	4.24	4.90	5.21	5.51	5.81	6.12	6.77	7.54	
85	244.55	5.15	6.92	Student	-0.68	1.52	3.39	4.28	5.15	6.02	6.90	8.78	10.97	
	234.97	5.54	2.41	School	3.51	4.27	4.93	5.23	5.54	5.84	6.15	6.80	7.57	
90	249.19	5.09	6.92	Student	-0.74	1.46	3.34	4.22	5.09	5.96	6.85	8.72	10.92	
	237.35	5.57	2.41	School	3.54	4.31	4.96	5.27	5.57	5.88	6.19	6.84	7.61	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.59: Mathematics Grade 8
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth RIT	Growth		CGP CGI	Conditional Growth																
		Mean	SD		20	30	40	45	50	55	60	70	80								
10	200.65	1.91	6.67	Student	-3.71	-1.59	0.22	1.07	1.91	2.75	3.60	5.41	7.52								
	212.48	2.60	1.84	School	1.05	1.63	2.13	2.37	2.60	2.83	3.06	3.56	4.15								
15	205.29	2.26	6.67	Student	-3.36	-1.24	0.56	1.42	2.26	3.09	3.95	5.76	7.87								
	214.86	2.82	1.84	School	1.27	1.85	2.35	2.58	2.82	3.05	3.28	3.78	4.36								
20	208.98	2.53	6.67	Student	-3.08	-0.97	0.84	1.69	2.53	3.37	4.22	6.03	8.15								
	216.75	2.99	1.84	School	1.44	2.02	2.52	2.76	2.99	3.22	3.45	3.95	4.53								
25	212.14	2.77	6.67	Student	-2.85	-0.73	1.08	1.93	2.77	3.61	4.46	6.27	8.39								
	218.37	3.14	1.84	School	1.59	2.17	2.67	2.90	3.14	3.37	3.60	4.10	4.68								
30	214.99	2.99	6.67	Student	-2.63	-0.51	1.29	2.15	2.99	3.82	4.68	6.49	8.60								
	219.83	3.27	1.84	School	1.72	2.30	2.80	3.04	3.27	3.50	3.73	4.23	4.82								
35	217.62	3.18	6.67	Student	-2.43	-0.32	1.49	2.34	3.18	4.02	4.87	6.68	8.80								
	221.18	3.39	1.84	School	1.84	2.43	2.93	3.16	3.39	3.62	3.86	4.36	4.94								
40	220.12	3.37	6.67	Student	-2.25	-0.13	1.68	2.53	3.37	4.21	5.06	6.87	8.99								
	222.46	3.51	1.84	School	1.96	2.54	3.04	3.28	3.51	3.74	3.97	4.47	5.06								
45	222.54	3.55	6.67	Student	-2.06	0.05	1.86	2.71	3.55	4.39	5.24	7.05	9.17								
	223.70	3.62	1.84	School	2.07	2.66	3.16	3.39	3.62	3.85	4.09	4.58	5.17								
50	224.92	3.73	6.67	Student	-1.88	0.23	2.04	2.89	3.73	4.57	5.42	7.23	9.35								
	224.92	3.73	1.84	School	2.19	2.77	3.27	3.50	3.73	3.96	4.20	4.70	5.28								
55	227.30	3.91	6.67	Student	-1.71	0.41	2.22	3.07	3.91	4.75	5.60	7.41	9.53								
	226.14	3.84	1.84	School	2.30	2.88	3.38	3.61	3.84	4.07	4.31	4.81	5.39								
60	229.72	4.09	6.67	Student	-1.52	0.59	2.40	3.25	4.09	4.93	5.78	7.59	9.71								
	227.38	3.96	1.84	School	2.41	2.99	3.49	3.73	3.96	4.19	4.42	4.92	5.50								
65	232.21	4.28	6.67	Student	-1.34	0.78	2.59	3.44	4.28	5.12	5.97	7.78	9.90								
	228.66	4.07	1.84	School	2.53	3.11	3.61	3.84	4.07	4.30	4.54	5.04	5.62								
70	234.85	4.48	6.67	Student	-1.14	0.98	2.79	3.64	4.48	5.32	6.17	7.98	10.10								
	230.01	4.20	1.84	School	2.65	3.23	3.73	3.97	4.20	4.43	4.66	5.16	5.74								
75	237.69	4.69	6.67	Student	-0.92	1.19	3.00	3.85	4.69	5.53	6.38	8.19	10.31								
	231.46	4.33	1.84	School	2.78	3.37	3.86	4.10	4.33	4.56	4.79	5.29	5.88								
80	240.86	4.93	6.67	Student	-0.69	1.43	3.24	4.09	4.93	5.77	6.62	8.43	10.55								
	233.08	4.48	1.84	School	2.93	3.51	4.01	4.25	4.48	4.71	4.94	5.44	6.02								
85	244.55	5.21	6.67	Student	-0.41	1.71	3.52	4.37	5.21	6.05	6.90	8.71	10.83								
	234.97	4.65	1.84	School	3.10	3.69	4.18	4.42	4.65	4.88	5.12	5.61	6.20								
90	249.19	5.56	6.67	Student	-0.06	2.06	3.87	4.72	5.56	6.40	7.25	9.06	11.18								
	237.35	4.87	1.84	School	3.32	3.90	4.40	4.64	4.87	5.10	5.33	5.83	6.41								

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.60: Mathematics Grade 8
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	203.34	2.16	4.85	Student	-1.93	-0.39	0.93	1.55	2.16	2.76	3.38	4.70	6.24	
	215.45	1.91	1.02	School	1.06	1.38	1.66	1.79	1.91	2.04	2.17	2.45	2.77	
15	208.08	2.16	4.85	Student	-1.92	-0.38	0.93	1.55	2.16	2.77	3.39	4.70	6.24	
	217.87	1.96	1.02	School	1.11	1.43	1.71	1.84	1.96	2.09	2.22	2.50	2.82	
20	211.85	2.16	4.85	Student	-1.92	-0.38	0.94	1.55	2.16	2.77	3.39	4.71	6.24	
	219.80	2.00	1.02	School	1.15	1.47	1.75	1.88	2.00	2.13	2.26	2.54	2.86	
25	215.08	2.17	4.85	Student	-1.91	-0.38	0.94	1.56	2.17	2.78	3.40	4.71	6.25	
	221.45	2.04	1.02	School	1.18	1.51	1.78	1.91	2.04	2.17	2.30	2.57	2.89	
30	217.98	2.17	4.85	Student	-1.91	-0.37	0.94	1.56	2.17	2.78	3.40	4.71	6.25	
	222.94	2.07	1.02	School	1.22	1.54	1.81	1.94	2.07	2.20	2.33	2.60	2.93	
35	220.67	2.17	4.85	Student	-1.91	-0.37	0.94	1.56	2.17	2.78	3.40	4.71	6.25	
	224.31	2.10	1.02	School	1.24	1.57	1.84	1.97	2.10	2.23	2.36	2.63	2.95	
40	223.22	2.17	4.85	Student	-1.91	-0.37	0.95	1.57	2.17	2.78	3.40	4.72	6.26	
	225.62	2.13	1.02	School	1.27	1.59	1.87	2.00	2.13	2.25	2.38	2.66	2.98	
45	225.69	2.18	4.85	Student	-1.90	-0.37	0.95	1.57	2.18	2.79	3.41	4.72	6.26	
	226.88	2.15	1.02	School	1.30	1.62	1.90	2.03	2.15	2.28	2.41	2.69	3.01	
50	228.12	2.18	4.85	Student	-1.90	-0.36	0.95	1.57	2.18	2.79	3.41	4.72	6.26	
	228.12	2.18	1.02	School	1.32	1.65	1.92	2.05	2.18	2.31	2.44	2.71	3.03	
55	230.55	2.18	4.85	Student	-1.90	-0.36	0.95	1.57	2.18	2.79	3.41	4.72	6.26	
	229.36	2.21	1.02	School	1.35	1.67	1.95	2.08	2.21	2.33	2.46	2.74	3.06	
60	233.02	2.18	4.85	Student	-1.90	-0.36	0.96	1.57	2.18	2.79	3.41	4.73	6.27	
	230.62	2.23	1.02	School	1.38	1.70	1.97	2.10	2.23	2.36	2.49	2.76	3.09	
65	235.57	2.19	4.85	Student	-1.89	-0.36	0.96	1.58	2.19	2.80	3.42	4.73	6.27	
	231.93	2.26	1.02	School	1.41	1.73	2.00	2.13	2.26	2.39	2.52	2.79	3.11	
70	238.26	2.19	4.85	Student	-1.89	-0.35	0.96	1.58	2.19	2.80	3.42	4.73	6.27	
	233.30	2.29	1.02	School	1.43	1.76	2.03	2.16	2.29	2.42	2.55	2.82	3.14	
75	241.16	2.19	4.85	Student	-1.89	-0.35	0.96	1.58	2.19	2.80	3.42	4.73	6.27	
	234.79	2.32	1.02	School	1.47	1.79	2.06	2.19	2.32	2.45	2.58	2.85	3.17	
80	244.39	2.20	4.85	Student	-1.89	-0.35	0.97	1.59	2.20	2.80	3.42	4.74	6.28	
	236.44	2.35	1.02	School	1.50	1.82	2.10	2.23	2.35	2.48	2.61	2.89	3.21	
85	248.16	2.20	4.85	Student	-1.88	-0.34	0.97	1.59	2.20	2.81	3.43	4.74	6.28	
	238.37	2.40	1.02	School	1.54	1.86	2.14	2.27	2.40	2.52	2.65	2.93	3.25	
90	252.90	2.20	4.85	Student	-1.88	-0.34	0.98	1.59	2.20	2.81	3.43	4.75	6.28	
	240.79	2.45	1.02	School	1.59	1.91	2.19	2.32	2.45	2.57	2.70	2.98	3.30	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.61: Mathematics Grade 9
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	199.26	5.04	6.37	Student	-0.33	1.69	3.42	4.24	5.04	5.84	6.65	8.38	10.40	
	212.32	3.66	1.55	School	2.35	2.85	3.27	3.47	3.66	3.86	4.05	4.47	4.97	
15	204.20	4.75	6.37	Student	-0.61	1.41	3.14	3.95	4.75	5.55	6.37	8.09	10.11	
	214.77	3.64	1.55	School	2.33	2.82	3.25	3.44	3.64	3.83	4.03	4.45	4.94	
20	208.14	4.52	6.37	Student	-0.84	1.18	2.91	3.72	4.52	5.33	6.14	7.87	9.89	
	216.72	3.62	1.55	School	2.32	2.81	3.23	3.43	3.62	3.82	4.01	4.43	4.93	
25	211.51	4.33	6.37	Student	-1.03	0.99	2.72	3.53	4.33	5.13	5.94	7.67	9.69	
	218.39	3.61	1.55	School	2.30	2.79	3.21	3.41	3.61	3.80	4.00	4.42	4.91	
30	214.54	4.16	6.37	Student	-1.21	0.81	2.54	3.35	4.16	4.96	5.77	7.50	9.52	
	219.89	3.59	1.55	School	2.29	2.78	3.20	3.40	3.59	3.79	3.99	4.41	4.90	
35	217.35	3.99	6.37	Student	-1.37	0.65	2.38	3.19	3.99	4.79	5.61	7.34	9.36	
	221.28	3.58	1.55	School	2.27	2.77	3.19	3.39	3.58	3.78	3.97	4.39	4.89	
40	220.01	3.84	6.37	Student	-1.52	0.50	2.23	3.04	3.84	4.64	5.45	7.18	9.20	
	222.59	3.57	1.55	School	2.26	2.75	3.18	3.37	3.57	3.76	3.96	4.38	4.87	
45	222.59	3.69	6.37	Student	-1.67	0.35	2.08	2.89	3.69	4.49	5.31	7.03	9.05	
	223.87	3.56	1.55	School	2.25	2.74	3.16	3.36	3.56	3.75	3.95	4.37	4.86	
50	225.13	3.55	6.37	Student	-1.82	0.20	1.93	2.75	3.55	4.35	5.16	6.89	8.91	
	225.13	3.55	1.55	School	2.24	2.73	3.15	3.35	3.55	3.74	3.94	4.36	4.85	
55	227.66	3.40	6.37	Student	-1.96	0.06	1.79	2.60	3.40	4.20	5.01	6.74	8.76	
	226.38	3.53	1.55	School	2.23	2.72	3.14	3.34	3.53	3.73	3.93	4.35	4.84	
60	230.24	3.25	6.37	Student	-2.11	-0.09	1.64	2.45	3.25	4.05	4.87	6.59	8.61	
	227.66	3.52	1.55	School	2.22	2.71	3.13	3.33	3.52	3.72	3.92	4.34	4.83	
65	232.91	3.10	6.37	Student	-2.27	-0.24	1.48	2.30	3.10	3.90	4.71	6.44	8.46	
	228.98	3.51	1.55	School	2.21	2.70	3.12	3.32	3.51	3.71	3.90	4.33	4.82	
70	235.71	2.94	6.37	Student	-2.43	-0.41	1.32	2.14	2.94	3.74	4.55	6.28	8.30	
	230.37	3.50	1.55	School	2.19	2.69	3.11	3.30	3.50	3.69	3.89	4.31	4.80	
75	238.74	2.76	6.37	Student	-2.60	-0.58	1.15	1.96	2.76	3.56	4.38	6.10	8.12	
	231.87	3.49	1.55	School	2.18	2.67	3.09	3.29	3.49	3.68	3.88	4.30	4.79	
80	242.12	2.57	6.37	Student	-2.80	-0.77	0.95	1.77	2.57	3.37	4.18	5.91	7.93	
	233.54	3.47	1.55	School	2.16	2.66	3.08	3.28	3.47	3.67	3.86	4.28	4.78	
85	246.05	2.34	6.37	Student	-3.02	-1.00	0.73	1.54	2.34	3.14	3.96	5.68	7.70	
	235.48	3.45	1.55	School	2.15	2.64	3.06	3.26	3.45	3.65	3.85	4.27	4.76	
90	251.00	2.06	6.37	Student	-3.31	-1.29	0.44	1.26	2.06	2.86	3.67	5.40	7.42	
	237.93	3.43	1.55	School	2.13	2.62	3.04	3.24	3.43	3.63	3.82	4.25	4.74	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.62: Mathematics Grade 9
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	199.24	4.95	9.57	Student	-3.11	-0.07	2.52	3.74	4.95	6.15	7.37	9.96	13.00	
	213.58	0.47	2.42	School	-1.57	-0.81	-0.15	0.16	0.47	0.77	1.08	1.74	2.51	
15	204.47	3.96	9.57	Student	-4.09	-1.05	1.54	2.76	3.96	5.17	6.39	8.98	12.02	
	216.07	0.34	2.42	School	-1.70	-0.93	-0.27	0.04	0.34	0.65	0.96	1.61	2.38	
20	208.64	3.18	9.57	Student	-4.87	-1.83	0.76	1.98	3.18	4.39	5.61	8.20	11.24	
	218.05	0.24	2.42	School	-1.80	-1.03	-0.37	-0.06	0.24	0.55	0.86	1.51	2.28	
25	212.21	2.52	9.57	Student	-5.54	-2.50	0.09	1.31	2.52	3.72	4.94	7.54	10.57	
	219.75	0.16	2.42	School	-1.88	-1.11	-0.46	-0.15	0.16	0.46	0.77	1.43	2.20	
30	215.41	1.92	9.57	Student	-6.14	-3.10	-0.51	0.71	1.92	3.12	4.34	6.93	9.97	
	221.28	0.08	2.42	School	-1.96	-1.19	-0.53	-0.22	0.08	0.39	0.70	1.35	2.12	
35	218.38	1.36	9.57	Student	-6.70	-3.66	-1.07	0.16	1.36	2.56	3.78	6.38	9.41	
	222.70	0.01	2.42	School	-2.03	-1.26	-0.60	-0.29	0.01	0.32	0.63	1.28	2.05	
40	221.20	0.83	9.57	Student	-7.22	-4.19	-1.59	-0.37	0.83	2.03	3.26	5.85	8.89	
	224.04	-0.05	2.42	School	-2.10	-1.33	-0.67	-0.36	-0.05	0.25	0.56	1.22	1.99	
45	223.93	0.32	9.57	Student	-7.74	-4.70	-2.10	-0.88	0.32	1.52	2.75	5.34	8.38	
	225.34	-0.12	2.42	School	-2.16	-1.39	-0.73	-0.42	-0.12	0.19	0.50	1.15	1.92	
50	226.62	-0.18	9.57	Student	-8.24	-5.20	-2.61	-1.39	-0.18	1.02	2.24	4.84	7.87	
	226.62	-0.18	2.42	School	-2.22	-1.45	-0.80	-0.49	-0.18	0.12	0.43	1.09	1.86	
55	229.30	-0.69	9.57	Student	-8.74	-5.70	-3.11	-1.89	-0.69	0.52	1.74	4.33	7.37	
	227.89	-0.25	2.42	School	-2.29	-1.52	-0.86	-0.55	-0.25	0.06	0.37	1.03	1.79	
60	232.03	-1.20	9.57	Student	-9.25	-6.22	-3.62	-2.40	-1.20	0.01	1.23	3.82	6.86	
	229.19	-0.31	2.42	School	-2.35	-1.58	-0.92	-0.62	-0.31	-0.01	0.30	0.96	1.73	
65	234.85	-1.72	9.57	Student	-9.78	-6.74	-4.15	-2.93	-1.72	-0.52	0.70	3.30	6.33	
	230.54	-0.38	2.42	School	-2.42	-1.65	-0.99	-0.68	-0.38	-0.07	0.24	0.89	1.66	
70	237.82	-2.28	9.57	Student	-10.3	-7.30	-4.71	-3.48	-2.28	-1.08	0.14	2.74	5.78	
	231.95	-0.45	2.42	School	-2.49	-1.72	-1.06	-0.75	-0.45	-0.14	0.17	0.82	1.59	
75	241.03	-2.88	9.57	Student	-10.9	-7.90	-5.31	-4.08	-2.88	-1.68	-0.46	2.14	5.17	
	233.48	-0.52	2.42	School	-2.56	-1.80	-1.14	-0.83	-0.52	-0.22	0.09	0.75	1.52	
80	244.60	-3.55	9.57	Student	-11.6	-8.57	-5.97	-4.75	-3.55	-2.35	-1.12	1.47	4.51	
	235.18	-0.61	2.42	School	-2.65	-1.88	-1.22	-0.91	-0.61	-0.30	0.01	0.66	1.43	
85	248.76	-4.33	9.57	Student	-12.4	-9.35	-6.75	-5.53	-4.33	-3.13	-1.90	0.69	3.73	
	237.16	-0.71	2.42	School	-2.75	-1.98	-1.32	-1.01	-0.71	-0.40	-0.09	0.56	1.33	
90	253.99	-5.31	9.57	Student	-13.4	-10.3	-7.73	-6.51	-5.31	-4.11	-2.88	-0.29	2.75	
	239.65	-0.83	2.42	School	-2.87	-2.10	-1.45	-1.14	-0.83	-0.53	-0.22	0.44	1.21	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.63: Mathematics Grade 9
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGI		20	30	40	45	50	55	60	70	80	
10	199.24	6.13	7.41	Student	-0.11	2.24	4.25	5.20	6.13	7.06	8.01	10.02	12.37		
	213.58	3.67	1.82	School	2.13	2.71	3.20	3.44	3.67	3.89	4.13	4.62	5.20		
15	204.47	5.61	7.41	Student	-0.63	1.72	3.73	4.68	5.61	6.54	7.49	9.50	11.85		
	216.07	3.62	1.82	School	2.09	2.66	3.16	3.39	3.62	3.85	4.08	4.57	5.15		
20	208.64	5.20	7.41	Student	-1.04	1.31	3.32	4.27	5.20	6.13	7.08	9.09	11.44		
	218.05	3.58	1.82	School	2.05	2.63	3.12	3.35	3.58	3.81	4.04	4.54	5.11		
25	212.21	4.85	7.41	Student	-1.39	0.96	2.97	3.91	4.85	5.78	6.72	8.73	11.09		
	219.75	3.55	1.82	School	2.02	2.59	3.09	3.32	3.55	3.78	4.01	4.50	5.08		
30	215.41	4.53	7.41	Student	-1.71	0.64	2.65	3.60	4.53	5.46	6.41	8.42	10.77		
	221.28	3.52	1.82	School	1.99	2.56	3.06	3.29	3.52	3.75	3.98	4.47	5.05		
35	218.38	4.23	7.41	Student	-2.01	0.35	2.36	3.30	4.23	5.17	6.11	8.12	10.47		
	222.70	3.49	1.82	School	1.96	2.54	3.03	3.26	3.49	3.72	3.95	4.45	5.03		
40	221.20	3.95	7.41	Student	-2.29	0.07	2.08	3.02	3.95	4.89	5.83	7.84	10.19		
	224.04	3.47	1.82	School	1.93	2.51	3.01	3.24	3.47	3.70	3.93	4.42	5.00		
45	223.93	3.68	7.41	Student	-2.56	-0.20	1.81	2.75	3.68	4.62	5.56	7.57	9.92		
	225.34	3.44	1.82	School	1.91	2.49	2.98	3.21	3.44	3.67	3.90	4.40	4.98		
50	226.62	3.42	7.41	Student	-2.82	-0.47	1.54	2.49	3.42	4.35	5.30	7.31	9.66		
	226.62	3.42	1.82	School	1.89	2.46	2.96	3.19	3.42	3.65	3.88	4.37	4.95		
55	229.30	3.15	7.41	Student	-3.09	-0.74	1.27	2.22	3.15	4.08	5.03	7.04	9.39		
	227.89	3.39	1.82	School	1.86	2.44	2.93	3.17	3.39	3.62	3.86	4.35	4.93		
60	232.03	2.88	7.41	Student	-3.36	-1.01	1.00	1.95	2.88	3.81	4.76	6.77	9.12		
	229.19	3.37	1.82	School	1.84	2.41	2.91	3.14	3.37	3.60	3.83	4.32	4.90		
65	234.85	2.60	7.41	Student	-3.64	-1.28	0.72	1.67	2.60	3.53	4.48	6.49	8.84		
	230.54	3.34	1.82	School	1.81	2.39	2.88	3.12	3.34	3.57	3.81	4.30	4.88		
70	237.82	2.31	7.41	Student	-3.93	-1.58	0.43	1.38	2.31	3.24	4.19	6.20	8.55		
	231.95	3.32	1.82	School	1.78	2.36	2.86	3.09	3.32	3.55	3.78	4.27	4.85		
75	241.03	1.99	7.41	Student	-4.25	-1.90	0.11	1.06	1.99	2.92	3.87	5.88	8.23		
	233.48	3.29	1.82	School	1.76	2.33	2.83	3.06	3.29	3.52	3.75	4.24	4.82		
80	244.60	1.64	7.41	Student	-4.60	-2.25	-0.24	0.71	1.64	2.57	3.52	5.53	7.88		
	235.18	3.26	1.82	School	1.72	2.30	2.80	3.03	3.26	3.49	3.72	4.21	4.79		
85	248.76	1.23	7.41	Student	-5.01	-2.66	-0.65	0.29	1.23	2.16	3.10	5.11	7.47		
	237.16	3.22	1.82	School	1.69	2.26	2.76	2.99	3.22	3.45	3.68	4.17	4.75		
90	253.99	0.71	7.41	Student	-5.53	-3.18	-1.17	-0.22	0.71	1.64	2.59	4.59	6.95		
	239.65	3.17	1.82	School	1.64	2.22	2.71	2.94	3.17	3.40	3.63	4.13	4.70		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.64: Mathematics Grade 9
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	201.02	2.90	5.46	Student	-1.69	0.04	1.52	2.22	2.90	3.59	4.29	5.76	7.50	
	213.66	2.24	1.10	School	1.31	1.67	1.96	2.11	2.24	2.38	2.52	2.82	3.17	
15	205.88	2.78	5.46	Student	-1.81	-0.08	1.39	2.09	2.78	3.46	4.16	5.64	7.37	
	216.10	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
20	209.75	2.68	5.46	Student	-1.92	-0.19	1.29	1.99	2.68	3.36	4.06	5.54	7.27	
	218.04	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
25	213.06	2.59	5.46	Student	-2.00	-0.27	1.21	1.90	2.59	3.27	3.97	5.45	7.18	
	219.71	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
30	216.04	2.51	5.46	Student	-2.08	-0.35	1.13	1.83	2.51	3.20	3.89	5.37	7.10	
	221.21	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
35	218.79	2.44	5.46	Student	-2.15	-0.42	1.06	1.75	2.44	3.12	3.82	5.30	7.03	
	222.59	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
40	221.41	2.37	5.46	Student	-2.22	-0.49	0.99	1.69	2.37	3.06	3.75	5.23	6.96	
	223.91	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
45	223.94	2.30	5.46	Student	-2.29	-0.56	0.92	1.62	2.30	2.99	3.69	5.17	6.90	
	225.18	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
50	226.43	2.24	5.46	Student	-2.35	-0.62	0.86	1.55	2.24	2.92	3.62	5.10	6.83	
	226.43	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
55	228.92	2.17	5.46	Student	-2.42	-0.69	0.79	1.49	2.17	2.86	3.56	5.04	6.77	
	227.69	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
60	231.46	2.11	5.46	Student	-2.48	-0.75	0.73	1.42	2.11	2.79	3.49	4.97	6.70	
	228.96	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
65	234.07	2.04	5.46	Student	-2.55	-0.82	0.66	1.35	2.04	2.73	3.42	4.90	6.63	
	230.27	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
70	236.83	1.97	5.46	Student	-2.62	-0.89	0.59	1.28	1.97	2.65	3.35	4.83	6.56	
	231.66	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
75	239.81	1.89	5.46	Student	-2.70	-0.97	0.51	1.20	1.89	2.58	3.27	4.75	6.48	
	233.16	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.38	2.52	2.82	3.17	
80	243.12	1.80	5.46	Student	-2.79	-1.06	0.42	1.12	1.80	2.49	3.19	4.66	6.39	
	234.82	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.37	2.52	2.82	3.17	
85	246.98	1.70	5.46	Student	-2.89	-1.16	0.32	1.02	1.70	2.39	3.08	4.56	6.29	
	236.76	2.24	1.10	School	1.31	1.66	1.96	2.10	2.24	2.37	2.51	2.81	3.16	
90	251.84	1.57	5.46	Student	-3.02	-1.29	0.19	0.89	1.57	2.26	2.96	4.44	6.17	
	239.21	2.23	1.10	School	1.30	1.66	1.95	2.10	2.23	2.37	2.51	2.81	3.16	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.65: Mathematics Grade 9
Fall To Spring Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	201.02	4.33	7.38	Student	-1.89	0.46	2.46	3.40	4.33	5.26	6.20	8.20	10.54	
	213.66	3.61	1.93	School	1.98	2.60	3.12	3.37	3.61	3.85	4.10	4.62	5.24	
15	205.88	4.19	7.38	Student	-2.03	0.32	2.32	3.26	4.19	5.12	6.06	8.06	10.40	
	216.10	3.61	1.93	School	1.98	2.60	3.12	3.37	3.61	3.85	4.10	4.62	5.23	
20	209.75	4.08	7.38	Student	-2.14	0.21	2.21	3.15	4.08	5.01	5.95	7.95	10.29	
	218.04	3.61	1.93	School	1.98	2.59	3.12	3.36	3.61	3.85	4.10	4.62	5.23	
25	213.06	3.98	7.38	Student	-2.23	0.11	2.11	3.06	3.98	4.91	5.85	7.86	10.20	
	219.71	3.61	1.93	School	1.98	2.59	3.12	3.36	3.61	3.85	4.10	4.62	5.23	
30	216.04	3.90	7.38	Student	-2.32	0.03	2.03	2.97	3.90	4.83	5.77	7.77	10.11	
	221.21	3.60	1.93	School	1.98	2.59	3.12	3.36	3.60	3.85	4.09	4.62	5.23	
35	218.79	3.82	7.38	Student	-2.40	-0.05	1.95	2.89	3.82	4.75	5.69	7.69	10.03	
	222.59	3.60	1.93	School	1.98	2.59	3.11	3.36	3.60	3.85	4.09	4.62	5.23	
40	221.41	3.74	7.38	Student	-2.47	-0.13	1.87	2.82	3.74	4.67	5.62	7.62	9.96	
	223.91	3.60	1.93	School	1.98	2.59	3.11	3.36	3.60	3.85	4.09	4.62	5.23	
45	223.94	3.67	7.38	Student	-2.54	-0.20	1.80	2.74	3.67	4.60	5.54	7.54	9.89	
	225.18	3.60	1.93	School	1.98	2.59	3.11	3.36	3.60	3.84	4.09	4.62	5.23	
50	226.43	3.60	7.38	Student	-2.61	-0.27	1.73	2.67	3.60	4.53	5.47	7.47	9.82	
	226.43	3.60	1.93	School	1.97	2.59	3.11	3.36	3.60	3.84	4.09	4.61	5.23	
55	228.92	3.53	7.38	Student	-2.68	-0.34	1.66	2.60	3.53	4.46	5.40	7.40	9.74	
	227.69	3.60	1.93	School	1.97	2.59	3.11	3.36	3.60	3.84	4.09	4.61	5.23	
60	231.46	3.46	7.38	Student	-2.76	-0.41	1.59	2.53	3.46	4.39	5.33	7.33	9.67	
	228.96	3.60	1.93	School	1.97	2.59	3.11	3.36	3.60	3.84	4.09	4.61	5.23	
65	234.07	3.38	7.38	Student	-2.83	-0.49	1.51	2.45	3.38	4.31	5.25	7.25	9.60	
	230.27	3.60	1.93	School	1.97	2.59	3.11	3.36	3.60	3.84	4.09	4.61	5.22	
70	236.83	3.30	7.38	Student	-2.91	-0.57	1.43	2.38	3.30	4.23	5.17	7.18	9.52	
	231.66	3.60	1.93	School	1.97	2.58	3.11	3.35	3.60	3.84	4.09	4.61	5.22	
75	239.81	3.22	7.38	Student	-3.00	-0.65	1.35	2.29	3.22	4.15	5.09	7.09	9.43	
	233.16	3.60	1.93	School	1.97	2.58	3.11	3.35	3.60	3.84	4.09	4.61	5.22	
80	243.12	3.12	7.38	Student	-3.09	-0.75	1.25	2.20	3.12	4.05	4.99	7.00	9.34	
	234.82	3.60	1.93	School	1.97	2.58	3.11	3.35	3.60	3.84	4.08	4.61	5.22	
85	246.98	3.01	7.38	Student	-3.20	-0.86	1.14	2.09	3.01	3.94	4.88	6.89	9.23	
	236.76	3.59	1.93	School	1.97	2.58	3.10	3.35	3.59	3.84	4.08	4.61	5.22	
90	251.84	2.87	7.38	Student	-3.34	-1.00	1.00	1.95	2.87	3.80	4.75	6.75	9.09	
	239.21	3.59	1.93	School	1.97	2.58	3.10	3.35	3.59	3.83	4.08	4.61	5.22	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.66: Mathematics Grade 9
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	201.02	3.30	7.17	Student	-2.73	-0.46	1.49	2.40	3.30	4.20	5.12	7.06	9.34
	213.66	2.72	1.71	School	1.28	1.82	2.28	2.50	2.72	2.93	3.15	3.61	4.15
15	205.88	3.21	7.17	Student	-2.82	-0.55	1.39	2.31	3.21	4.11	5.03	6.97	9.24
	216.10	2.74	1.71	School	1.30	1.84	2.30	2.52	2.74	2.95	3.17	3.63	4.18
20	209.75	3.14	7.17	Student	-2.90	-0.62	1.32	2.24	3.14	4.04	4.95	6.90	9.17
	218.04	2.75	1.71	School	1.32	1.86	2.32	2.54	2.75	2.97	3.19	3.65	4.19
25	213.06	3.08	7.17	Student	-2.96	-0.68	1.26	2.17	3.08	3.98	4.89	6.84	9.11
	219.71	2.77	1.71	School	1.33	1.87	2.33	2.55	2.77	2.98	3.20	3.66	4.21
30	216.04	3.02	7.17	Student	-3.01	-0.74	1.20	2.12	3.02	3.92	4.84	6.78	9.05
	221.21	2.78	1.71	School	1.34	1.88	2.35	2.57	2.78	2.99	3.21	3.68	4.22
35	218.79	2.97	7.17	Student	-3.07	-0.79	1.15	2.07	2.97	3.87	4.78	6.73	9.00
	222.59	2.79	1.71	School	1.35	1.90	2.36	2.58	2.79	3.01	3.22	3.69	4.23
40	221.41	2.92	7.17	Student	-3.12	-0.84	1.10	2.02	2.92	3.82	4.73	6.68	8.95
	223.91	2.80	1.71	School	1.37	1.91	2.37	2.59	2.80	3.02	3.24	3.70	4.24
45	223.94	2.87	7.17	Student	-3.16	-0.89	1.05	1.97	2.87	3.77	4.69	6.63	8.90
	225.18	2.81	1.71	School	1.38	1.92	2.38	2.60	2.81	3.03	3.25	3.71	4.25
50	226.43	2.82	7.17	Student	-3.21	-0.94	1.01	1.92	2.82	3.72	4.64	6.58	8.86
	226.43	2.82	1.71	School	1.39	1.93	2.39	2.61	2.82	3.04	3.26	3.72	4.26
55	228.92	2.78	7.17	Student	-3.26	-0.98	0.96	1.88	2.78	3.68	4.59	6.54	8.81
	227.69	2.83	1.71	School	1.40	1.94	2.40	2.62	2.83	3.05	3.27	3.73	4.27
60	231.46	2.73	7.17	Student	-3.30	-1.03	0.91	1.83	2.73	3.63	4.55	6.49	8.76
	228.96	2.84	1.71	School	1.41	1.95	2.41	2.63	2.84	3.06	3.28	3.74	4.28
65	234.07	2.68	7.17	Student	-3.35	-1.08	0.86	1.78	2.68	3.58	4.50	6.44	8.71
	230.27	2.86	1.71	School	1.42	1.96	2.42	2.64	2.86	3.07	3.29	3.75	4.29
70	236.83	2.63	7.17	Student	-3.41	-1.13	0.81	1.73	2.63	3.53	4.44	6.39	8.66
	231.66	2.87	1.71	School	1.43	1.97	2.43	2.65	2.87	3.08	3.30	3.76	4.31
75	239.81	2.57	7.17	Student	-3.46	-1.19	0.76	1.67	2.57	3.47	4.39	6.33	8.61
	233.16	2.88	1.71	School	1.44	1.98	2.45	2.67	2.88	3.09	3.31	3.78	4.32
80	243.12	2.51	7.17	Student	-3.52	-1.25	0.69	1.61	2.51	3.41	4.33	6.27	8.54
	234.82	2.89	1.71	School	1.46	2.00	2.46	2.68	2.89	3.11	3.33	3.79	4.33
85	246.98	2.44	7.17	Student	-3.60	-1.32	0.62	1.54	2.44	3.34	4.25	6.20	8.47
	236.76	2.91	1.71	School	1.47	2.01	2.48	2.70	2.91	3.12	3.34	3.81	4.35
90	251.84	2.35	7.17	Student	-3.69	-1.41	0.53	1.44	2.35	3.25	4.16	6.11	8.38
	239.21	2.93	1.71	School	1.49	2.03	2.50	2.72	2.93	3.15	3.36	3.83	4.37

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.67: Mathematics Grade 9
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	202.96	1.42	4.98	Student	-2.77	-1.19	0.16	0.80	1.42	2.05	2.68	4.03	5.61	
	215.83	1.25	0.82	School	0.56	0.82	1.04	1.15	1.25	1.35	1.46	1.68	1.94	
15	207.88	1.41	4.98	Student	-2.78	-1.20	0.15	0.78	1.41	2.04	2.67	4.02	5.60	
	218.28	1.27	0.82	School	0.58	0.84	1.06	1.17	1.27	1.37	1.48	1.70	1.96	
20	211.79	1.40	4.98	Student	-2.79	-1.21	0.14	0.78	1.40	2.03	2.66	4.01	5.59	
	220.24	1.29	0.82	School	0.59	0.86	1.08	1.18	1.29	1.39	1.50	1.72	1.98	
25	215.14	1.39	4.98	Student	-2.80	-1.22	0.13	0.77	1.39	2.02	2.65	4.00	5.58	
	221.91	1.30	0.82	School	0.61	0.87	1.09	1.20	1.30	1.41	1.51	1.73	2.00	
30	218.15	1.39	4.98	Student	-2.80	-1.22	0.13	0.76	1.39	2.01	2.65	4.00	5.57	
	223.42	1.32	0.82	School	0.62	0.88	1.11	1.21	1.32	1.42	1.52	1.75	2.01	
35	220.94	1.38	4.98	Student	-2.81	-1.23	0.12	0.75	1.38	2.01	2.64	3.99	5.57	
	224.81	1.33	0.82	School	0.63	0.90	1.12	1.22	1.33	1.43	1.54	1.76	2.02	
40	223.59	1.37	4.98	Student	-2.81	-1.24	0.11	0.75	1.37	2.00	2.63	3.98	5.56	
	226.13	1.34	0.82	School	0.65	0.91	1.13	1.24	1.34	1.44	1.55	1.77	2.03	
45	226.15	1.37	4.98	Student	-2.82	-1.24	0.11	0.74	1.37	1.99	2.63	3.98	5.56	
	227.41	1.35	0.82	School	0.66	0.92	1.14	1.25	1.35	1.45	1.56	1.78	2.04	
50	228.67	1.36	4.98	Student	-2.83	-1.25	0.10	0.74	1.36	1.99	2.62	3.97	5.55	
	228.67	1.36	0.82	School	0.67	0.93	1.15	1.26	1.36	1.47	1.57	1.79	2.06	
55	231.19	1.36	4.98	Student	-2.83	-1.25	0.10	0.73	1.36	1.98	2.62	3.97	5.54	
	229.93	1.37	0.82	School	0.68	0.94	1.16	1.27	1.37	1.48	1.58	1.80	2.07	
60	233.76	1.35	4.98	Student	-2.84	-1.26	0.09	0.72	1.35	1.98	2.61	3.96	5.54	
	231.21	1.38	0.82	School	0.69	0.95	1.18	1.28	1.38	1.49	1.59	1.82	2.08	
65	236.40	1.34	4.98	Student	-2.84	-1.27	0.08	0.72	1.34	1.97	2.60	3.95	5.53	
	232.53	1.40	0.82	School	0.70	0.96	1.19	1.29	1.40	1.50	1.60	1.83	2.09	
70	239.19	1.34	4.98	Student	-2.85	-1.27	0.08	0.71	1.34	1.96	2.60	3.95	5.53	
	233.93	1.41	0.82	School	0.71	0.98	1.20	1.30	1.41	1.51	1.62	1.84	2.10	
75	242.21	1.33	4.98	Student	-2.86	-1.28	0.07	0.70	1.33	1.96	2.59	3.94	5.52	
	235.43	1.42	0.82	School	0.73	0.99	1.21	1.32	1.42	1.52	1.63	1.85	2.11	
80	245.56	1.32	4.98	Student	-2.87	-1.29	0.06	0.70	1.32	1.95	2.58	3.93	5.51	
	237.11	1.44	0.82	School	0.74	1.00	1.23	1.33	1.44	1.54	1.64	1.87	2.13	
85	249.47	1.31	4.98	Student	-2.88	-1.30	0.05	0.69	1.31	1.94	2.57	3.92	5.50	
	239.06	1.45	0.82	School	0.76	1.02	1.24	1.35	1.45	1.56	1.66	1.89	2.15	
90	254.38	1.30	4.98	Student	-2.89	-1.31	0.04	0.68	1.30	1.93	2.56	3.91	5.49	
	241.52	1.47	0.82	School	0.78	1.04	1.27	1.37	1.47	1.58	1.68	1.91	2.17	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.68: Mathematics Grade 10
Last Winter To Winter Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	203.22	2.86	6.34	Student	-2.48	-0.46	1.25	2.06	2.86	3.66	4.47	6.19	8.20
	215.77	2.31	1.59	School	0.97	1.47	1.90	2.11	2.31	2.51	2.71	3.14	3.64
15	208.08	2.81	6.34	Student	-2.53	-0.52	1.20	2.01	2.81	3.61	4.41	6.13	8.14
	218.23	2.36	1.59	School	1.02	1.53	1.96	2.16	2.36	2.56	2.76	3.19	3.70
20	211.94	2.77	6.34	Student	-2.57	-0.56	1.16	1.97	2.77	3.56	4.37	6.09	8.10
	220.18	2.40	1.59	School	1.06	1.57	2.00	2.20	2.40	2.60	2.81	3.24	3.74
25	215.25	2.73	6.34	Student	-2.60	-0.59	1.13	1.93	2.73	3.53	4.34	6.06	8.07
	221.86	2.44	1.59	School	1.10	1.61	2.04	2.24	2.44	2.64	2.84	3.27	3.78
30	218.23	2.70	6.34	Student	-2.64	-0.63	1.09	1.90	2.70	3.50	4.31	6.02	8.04
	223.36	2.47	1.59	School	1.13	1.64	2.07	2.27	2.47	2.67	2.88	3.31	3.81
35	220.98	2.67	6.34	Student	-2.67	-0.65	1.06	1.87	2.67	3.47	4.28	5.99	8.01
	224.76	2.50	1.59	School	1.16	1.67	2.10	2.30	2.50	2.70	2.91	3.34	3.84
40	223.60	2.64	6.34	Student	-2.69	-0.68	1.04	1.85	2.64	3.44	4.25	5.97	7.98
	226.08	2.53	1.59	School	1.19	1.70	2.13	2.33	2.53	2.73	2.94	3.37	3.87
45	226.13	2.61	6.34	Student	-2.72	-0.71	1.01	1.82	2.61	3.41	4.22	5.94	7.95
	227.36	2.56	1.59	School	1.22	1.73	2.16	2.36	2.56	2.76	2.96	3.39	3.90
50	228.62	2.59	6.34	Student	-2.75	-0.74	0.98	1.79	2.59	3.38	4.19	5.91	7.92
	228.62	2.59	1.59	School	1.25	1.75	2.19	2.39	2.59	2.79	2.99	3.42	3.93
55	231.11	2.56	6.34	Student	-2.77	-0.76	0.96	1.76	2.56	3.36	4.17	5.89	7.90
	229.88	2.62	1.59	School	1.28	1.78	2.21	2.42	2.62	2.82	3.02	3.45	3.95
60	233.64	2.53	6.34	Student	-2.80	-0.79	0.93	1.74	2.53	3.33	4.14	5.86	7.87
	231.16	2.64	1.59	School	1.31	1.81	2.24	2.44	2.64	2.84	3.05	3.48	3.98
65	236.26	2.51	6.34	Student	-2.83	-0.82	0.90	1.71	2.51	3.30	4.11	5.83	7.84
	232.48	2.67	1.59	School	1.33	1.84	2.27	2.47	2.67	2.87	3.08	3.51	4.01
70	239.01	2.48	6.34	Student	-2.86	-0.85	0.87	1.68	2.48	3.27	4.08	5.80	7.81
	233.88	2.70	1.59	School	1.37	1.87	2.30	2.50	2.70	2.90	3.11	3.54	4.04
75	241.99	2.44	6.34	Student	-2.89	-0.88	0.84	1.65	2.44	3.24	4.05	5.77	7.78
	235.38	2.74	1.59	School	1.40	1.90	2.33	2.54	2.74	2.94	3.14	3.57	4.08
80	245.30	2.41	6.34	Student	-2.93	-0.92	0.80	1.61	2.41	3.21	4.02	5.73	7.75
	237.06	2.77	1.59	School	1.44	1.94	2.37	2.57	2.77	2.97	3.18	3.61	4.11
85	249.16	2.37	6.34	Student	-2.97	-0.96	0.76	1.57	2.37	3.16	3.97	5.69	7.70
	239.01	2.82	1.59	School	1.48	1.98	2.41	2.62	2.82	3.02	3.22	3.65	4.16
90	254.02	2.32	6.34	Student	-3.02	-1.01	0.71	1.52	2.32	3.11	3.92	5.64	7.65
	241.47	2.87	1.59	School	1.53	2.04	2.47	2.67	2.87	3.07	3.27	3.71	4.21

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.69: Mathematics Grade 10
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	203.49	1.46	7.43	Student	-4.79	-2.44	-0.42	0.53	1.46	2.39	3.34	5.35	7.71	
	216.70	-0.52	1.95	School	-2.16	-1.54	-1.01	-0.76	-0.52	-0.27	-0.02	0.50	1.12	
15	208.52	1.04	7.43	Student	-5.21	-2.85	-0.84	0.11	1.04	1.98	2.93	4.94	7.30	
	219.20	-0.56	1.95	School	-2.20	-1.58	-1.05	-0.80	-0.56	-0.31	-0.06	0.47	1.09	
20	212.51	0.72	7.43	Student	-5.54	-3.18	-1.17	-0.22	0.72	1.65	2.60	4.61	6.97	
	221.19	-0.58	1.95	School	-2.23	-1.61	-1.08	-0.83	-0.58	-0.34	-0.09	0.44	1.06	
25	215.94	0.43	7.43	Student	-5.82	-3.46	-1.45	-0.50	0.43	1.37	2.31	4.33	6.69	
	222.89	-0.61	1.95	School	-2.25	-1.63	-1.10	-0.85	-0.61	-0.36	-0.11	0.42	1.03	
30	219.02	0.18	7.43	Student	-6.07	-3.72	-1.70	-0.75	0.18	1.11	2.06	4.07	6.43	
	224.43	-0.63	1.95	School	-2.27	-1.65	-1.13	-0.88	-0.63	-0.39	-0.14	0.39	1.01	
35	221.87	-0.06	7.43	Student	-6.31	-3.95	-1.94	-0.99	-0.06	0.88	1.83	3.84	6.20	
	225.84	-0.65	1.95	School	-2.29	-1.67	-1.15	-0.90	-0.65	-0.41	-0.16	0.37	0.99	
40	224.58	-0.28	7.43	Student	-6.53	-4.17	-2.16	-1.21	-0.28	0.65	1.60	3.62	5.97	
	227.19	-0.67	1.95	School	-2.31	-1.69	-1.16	-0.92	-0.67	-0.42	-0.18	0.35	0.97	
45	227.20	-0.50	7.43	Student	-6.75	-4.39	-2.38	-1.43	-0.50	0.44	1.39	3.40	5.76	
	228.49	-0.69	1.95	School	-2.33	-1.71	-1.18	-0.93	-0.69	-0.44	-0.19	0.33	0.95	
50	229.78	-0.71	7.43	Student	-6.96	-4.60	-2.59	-1.64	-0.71	0.23	1.17	3.19	5.54	
	229.78	-0.71	1.95	School	-2.35	-1.73	-1.20	-0.95	-0.71	-0.46	-0.21	0.32	0.94	
55	232.35	-0.92	7.43	Student	-7.17	-4.82	-2.80	-1.85	-0.92	0.01	0.96	2.98	5.33	
	231.06	-0.73	1.95	School	-2.37	-1.75	-1.22	-0.97	-0.73	-0.48	-0.23	0.30	0.92	
60	234.97	-1.14	7.43	Student	-7.39	-5.03	-3.02	-2.07	-1.14	-0.20	0.75	2.76	5.12	
	232.36	-0.74	1.95	School	-2.39	-1.77	-1.24	-0.99	-0.74	-0.50	-0.25	0.28	0.90	
65	237.68	-1.36	7.43	Student	-7.61	-5.25	-3.24	-2.29	-1.36	-0.43	0.52	2.54	4.89	
	233.71	-0.76	1.95	School	-2.41	-1.79	-1.26	-1.01	-0.76	-0.52	-0.27	0.26	0.88	
70	240.53	-1.59	7.43	Student	-7.85	-5.49	-3.48	-2.53	-1.59	-0.66	0.29	2.30	4.66	
	235.13	-0.78	1.95	School	-2.43	-1.81	-1.28	-1.03	-0.78	-0.54	-0.29	0.24	0.86	
75	243.61	-1.85	7.43	Student	-8.10	-5.74	-3.73	-2.78	-1.85	-0.91	0.03	2.05	4.40	
	236.66	-0.81	1.95	School	-2.45	-1.83	-1.30	-1.05	-0.81	-0.56	-0.31	0.22	0.84	
80	247.04	-2.13	7.43	Student	-8.38	-6.03	-4.01	-3.06	-2.13	-1.20	-0.25	1.77	4.12	
	238.36	-0.83	1.95	School	-2.47	-1.85	-1.33	-1.08	-0.83	-0.59	-0.34	0.19	0.81	
85	251.03	-2.46	7.43	Student	-8.71	-6.36	-4.34	-3.39	-2.46	-1.53	-0.58	1.44	3.79	
	240.35	-0.86	1.95	School	-2.50	-1.88	-1.35	-1.10	-0.86	-0.61	-0.36	0.16	0.78	
90	256.06	-2.87	7.43	Student	-9.13	-6.77	-4.76	-3.81	-2.87	-1.94	-0.99	1.02	3.38	
	242.85	-0.90	1.95	School	-2.54	-1.92	-1.39	-1.14	-0.90	-0.65	-0.40	0.13	0.75	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.70: Mathematics Grade 10
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	203.49	3.49 7.58	Student	-2.89	-0.49	1.57	2.54	3.49	4.44	5.41	7.47	9.87	
	216.70	2.45 2.00	School	0.77	1.40	1.95	2.20	2.45	2.70	2.96	3.50	4.14	
15	208.52	3.33 7.58	Student	-3.06	-0.65	1.41	2.37	3.33	4.28	5.25	7.30	9.71	
	219.20	2.49 2.00	School	0.81	1.44	1.98	2.24	2.49	2.74	3.00	3.54	4.17	
20	212.51	3.20 7.58	Student	-3.18	-0.78	1.28	2.25	3.20	4.15	5.12	7.18	9.58	
	221.19	2.52 2.00	School	0.84	1.47	2.01	2.27	2.52	2.77	3.03	3.57	4.20	
25	215.94	3.09 7.58	Student	-3.29	-0.89	1.17	2.14	3.09	4.04	5.01	7.07	9.47	
	222.89	2.54 2.00	School	0.86	1.49	2.04	2.29	2.54	2.80	3.05	3.59	4.23	
30	219.02	2.99 7.58	Student	-3.39	-0.99	1.07	2.04	2.99	3.94	4.91	6.97	9.37	
	224.43	2.57 2.00	School	0.88	1.52	2.06	2.31	2.57	2.82	3.07	3.62	4.25	
35	221.87	2.90 7.58	Student	-3.48	-1.08	0.98	1.95	2.90	3.85	4.82	6.88	9.28	
	225.84	2.59 2.00	School	0.90	1.54	2.08	2.34	2.59	2.84	3.09	3.64	4.27	
40	224.58	2.81 7.58	Student	-3.57	-1.17	0.89	1.86	2.81	3.76	4.73	6.79	9.19	
	227.19	2.61 2.00	School	0.92	1.56	2.10	2.36	2.61	2.86	3.11	3.66	4.29	
45	227.20	2.73 7.58	Student	-3.66	-1.25	0.81	1.77	2.73	3.68	4.65	6.70	9.11	
	228.49	2.63 2.00	School	0.94	1.58	2.12	2.37	2.63	2.88	3.13	3.68	4.31	
50	229.78	2.64 7.58	Student	-3.74	-1.33	0.72	1.69	2.64	3.60	4.57	6.62	9.03	
	229.78	2.64 2.00	School	0.96	1.60	2.14	2.39	2.64	2.90	3.15	3.69	4.33	
55	232.35	2.56 7.58	Student	-3.82	-1.41	0.64	1.61	2.56	3.52	4.48	6.54	8.94	
	231.06	2.66 2.00	School	0.98	1.61	2.16	2.41	2.66	2.92	3.17	3.71	4.35	
60	234.97	2.48 7.58	Student	-3.90	-1.50	0.56	1.53	2.48	3.43	4.40	6.46	8.86	
	232.36	2.68 2.00	School	1.00	1.63	2.18	2.43	2.68	2.93	3.19	3.73	4.37	
65	237.68	2.39 7.58	Student	-3.99	-1.59	0.47	1.44	2.39	3.34	4.31	6.37	8.77	
	233.71	2.70 2.00	School	1.02	1.65	2.20	2.45	2.70	2.95	3.21	3.75	4.39	
70	240.53	2.30 7.58	Student	-4.08	-1.68	0.38	1.35	2.30	3.25	4.22	6.28	8.68	
	235.13	2.72 2.00	School	1.04	1.67	2.22	2.47	2.72	2.97	3.23	3.77	4.41	
75	243.61	2.20 7.58	Student	-4.18	-1.78	0.28	1.25	2.20	3.15	4.12	6.18	8.58	
	236.66	2.75 2.00	School	1.06	1.70	2.24	2.49	2.75	3.00	3.25	3.79	4.43	
80	247.04	2.09 7.58	Student	-4.29	-1.89	0.17	1.14	2.09	3.04	4.01	6.07	8.47	
	238.36	2.77 2.00	School	1.09	1.72	2.26	2.52	2.77	3.02	3.28	3.82	4.45	
85	251.03	1.96 7.58	Student	-4.42	-2.01	0.04	1.01	1.96	2.92	3.88	5.94	8.35	
	240.35	2.80 2.00	School	1.12	1.75	2.29	2.55	2.80	3.05	3.31	3.85	4.48	
90	256.06	1.80 7.58	Student	-4.58	-2.18	-0.12	0.85	1.80	2.75	3.72	5.78	8.18	
	242.85	2.84 2.00	School	1.15	1.79	2.33	2.59	2.84	3.09	3.34	3.89	4.52	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.71: Mathematics Grade 10
Fall To Winter Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	203.14	2.60	5.45	Student	-1.99	-0.26	1.22	1.92	2.60	3.29	3.99	5.46	7.19
	215.94	2.06	1.16	School	1.09	1.46	1.77	1.92	2.06	2.21	2.36	2.67	3.04
15	208.10	2.52	5.45	Student	-2.07	-0.34	1.13	1.83	2.52	3.20	3.90	5.37	7.10
	218.45	2.08	1.16	School	1.11	1.47	1.79	1.93	2.08	2.22	2.37	2.68	3.05
20	212.04	2.44	5.45	Student	-2.14	-0.41	1.06	1.76	2.44	3.13	3.83	5.30	7.03
	220.45	2.09	1.16	School	1.12	1.48	1.80	1.95	2.09	2.24	2.38	2.70	3.06
25	215.42	2.38	5.45	Student	-2.20	-0.48	1.00	1.70	2.38	3.07	3.77	5.24	6.97
	222.16	2.10	1.16	School	1.13	1.49	1.81	1.96	2.10	2.25	2.39	2.71	3.07
30	218.46	2.33	5.45	Student	-2.26	-0.53	0.95	1.65	2.33	3.02	3.71	5.19	6.92
	223.70	2.11	1.16	School	1.14	1.50	1.82	1.96	2.11	2.25	2.40	2.72	3.08
35	221.27	2.28	5.45	Student	-2.31	-0.58	0.90	1.59	2.28	2.97	3.66	5.14	6.87
	225.12	2.12	1.16	School	1.15	1.51	1.83	1.97	2.12	2.26	2.41	2.72	3.09
40	223.94	2.23	5.45	Student	-2.36	-0.63	0.85	1.55	2.23	2.92	3.61	5.09	6.82
	226.47	2.13	1.16	School	1.15	1.52	1.83	1.98	2.13	2.27	2.42	2.73	3.10
45	226.53	2.19	5.45	Student	-2.40	-0.67	0.80	1.50	2.19	2.87	3.57	5.05	6.78
	227.78	2.13	1.16	School	1.16	1.53	1.84	1.99	2.13	2.28	2.43	2.74	3.11
50	229.07	2.14	5.45	Student	-2.45	-0.72	0.76	1.46	2.14	2.83	3.52	5.00	6.73
	229.07	2.14	1.16	School	1.17	1.54	1.85	2.00	2.14	2.29	2.43	2.75	3.11
55	231.61	2.10	5.45	Student	-2.49	-0.76	0.71	1.41	2.10	2.78	3.48	4.96	6.68
	230.36	2.15	1.16	School	1.18	1.54	1.86	2.00	2.15	2.29	2.44	2.75	3.12
60	234.19	2.05	5.45	Student	-2.54	-0.81	0.67	1.36	2.05	2.73	3.43	4.91	6.64
	231.66	2.16	1.16	School	1.18	1.55	1.86	2.01	2.16	2.30	2.45	2.76	3.13
65	236.87	2.00	5.45	Student	-2.59	-0.86	0.62	1.32	2.00	2.69	3.38	4.86	6.59
	233.02	2.16	1.16	School	1.19	1.56	1.87	2.02	2.16	2.31	2.46	2.77	3.14
70	239.68	1.95	5.45	Student	-2.64	-0.91	0.57	1.27	1.95	2.64	3.33	4.81	6.54
	234.44	2.17	1.16	School	1.20	1.57	1.88	2.03	2.17	2.32	2.46	2.78	3.14
75	242.72	1.90	5.45	Student	-2.69	-0.96	0.52	1.21	1.90	2.58	3.28	4.76	6.49
	235.98	2.18	1.16	School	1.21	1.58	1.89	2.04	2.18	2.33	2.47	2.79	3.15
80	246.10	1.84	5.45	Student	-2.75	-1.02	0.46	1.15	1.84	2.52	3.22	4.70	6.43
	237.69	2.19	1.16	School	1.22	1.59	1.90	2.05	2.19	2.34	2.48	2.80	3.16
85	250.04	1.77	5.45	Student	-2.82	-1.09	0.39	1.08	1.77	2.45	3.15	4.63	6.36
	239.69	2.20	1.16	School	1.23	1.60	1.91	2.06	2.20	2.35	2.50	2.81	3.18
90	255.00	1.68	5.45	Student	-2.91	-1.18	0.30	0.99	1.68	2.36	3.06	4.54	6.27
	242.20	2.22	1.16	School	1.25	1.61	1.92	2.07	2.22	2.36	2.51	2.82	3.19

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.72: Mathematics Grade 10
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	203.14	3.73 7.37	Student	-2.46	-0.13	1.87	2.81	3.73	4.66	5.60	7.60	9.93	
	215.94	3.22 2.02	School	1.52	2.16	2.71	2.96	3.22	3.47	3.73	4.28	4.92	
15	208.10	3.66 7.37	Student	-2.54	-0.20	1.80	2.74	3.66	4.59	5.53	7.52	9.86	
	218.45	3.24 2.02	School	1.54	2.18	2.73	2.99	3.24	3.50	3.76	4.30	4.94	
20	212.04	3.60 7.37	Student	-2.60	-0.26	1.74	2.68	3.60	4.53	5.47	7.47	9.80	
	220.45	3.26 2.02	School	1.56	2.20	2.75	3.01	3.26	3.52	3.78	4.32	4.96	
25	215.42	3.55 7.37	Student	-2.65	-0.31	1.69	2.63	3.55	4.48	5.42	7.42	9.75	
	222.16	3.28 2.02	School	1.58	2.22	2.77	3.03	3.28	3.54	3.79	4.34	4.98	
30	218.46	3.51 7.37	Student	-2.69	-0.35	1.64	2.58	3.51	4.43	5.37	7.37	9.71	
	223.70	3.30 2.02	School	1.60	2.24	2.79	3.04	3.30	3.55	3.81	4.36	5.00	
35	221.27	3.47 7.37	Student	-2.73	-0.39	1.60	2.54	3.47	4.39	5.33	7.33	9.67	
	225.12	3.31 2.02	School	1.61	2.25	2.80	3.06	3.31	3.57	3.82	4.37	5.01	
40	223.94	3.43 7.37	Student	-2.77	-0.43	1.56	2.50	3.43	4.35	5.29	7.29	9.63	
	226.47	3.33 2.02	School	1.63	2.27	2.81	3.07	3.33	3.58	3.84	4.39	5.03	
45	226.53	3.39 7.37	Student	-2.81	-0.47	1.52	2.46	3.39	4.32	5.26	7.25	9.59	
	227.78	3.34 2.02	School	1.64	2.28	2.83	3.09	3.34	3.59	3.85	4.40	5.04	
50	229.07	3.35 7.37	Student	-2.85	-0.51	1.49	2.43	3.35	4.28	5.22	7.21	9.55	
	229.07	3.35 2.02	School	1.65	2.29	2.84	3.10	3.35	3.61	3.86	4.41	5.05	
55	231.61	3.31 7.37	Student	-2.88	-0.55	1.45	2.39	3.31	4.24	5.18	7.18	9.51	
	230.36	3.37 2.02	School	1.66	2.31	2.85	3.11	3.37	3.62	3.88	4.43	5.07	
60	234.19	3.28 7.37	Student	-2.92	-0.59	1.41	2.35	3.28	4.20	5.14	7.14	9.48	
	231.66	3.38 2.02	School	1.68	2.32	2.87	3.12	3.38	3.63	3.89	4.44	5.08	
65	236.87	3.24 7.37	Student	-2.96	-0.63	1.37	2.31	3.24	4.16	5.10	7.10	9.44	
	233.02	3.39 2.02	School	1.69	2.33	2.88	3.14	3.39	3.65	3.90	4.45	5.09	
70	239.68	3.20 7.37	Student	-3.00	-0.67	1.33	2.27	3.20	4.12	5.06	7.06	9.39	
	234.44	3.41 2.02	School	1.71	2.35	2.90	3.15	3.41	3.66	3.92	4.47	5.11	
75	242.72	3.15 7.37	Student	-3.05	-0.71	1.29	2.23	3.15	4.08	5.02	7.01	9.35	
	235.98	3.42 2.02	School	1.72	2.36	2.91	3.17	3.42	3.68	3.93	4.48	5.12	
80	246.10	3.10 7.37	Student	-3.10	-0.76	1.24	2.18	3.10	4.03	4.97	6.96	9.30	
	237.69	3.44 2.02	School	1.74	2.38	2.93	3.19	3.44	3.69	3.95	4.50	5.14	
85	250.04	3.04 7.37	Student	-3.16	-0.82	1.18	2.12	3.04	3.97	4.91	6.91	9.24	
	239.69	3.46 2.02	School	1.76	2.40	2.95	3.21	3.46	3.71	3.97	4.52	5.16	
90	255.00	2.97 7.37	Student	-3.23	-0.89	1.10	2.04	2.97	3.90	4.84	6.83	9.17	
	242.20	3.49 2.02	School	1.79	2.43	2.97	3.23	3.49	3.74	4.00	4.55	5.19	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.73: Mathematics Grade 10
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	203.14	1.44	6.85	Student	-4.32	-2.15	-0.29	0.58	1.44	2.30	3.18	5.03	7.21	
	215.94	1.97	1.66	School	0.58	1.10	1.55	1.77	1.97	2.18	2.39	2.84	3.37	
15	208.10	1.65	6.85	Student	-4.11	-1.94	-0.08	0.79	1.65	2.51	3.39	5.24	7.42	
	218.45	2.08	1.66	School	0.69	1.21	1.66	1.87	2.08	2.29	2.50	2.95	3.48	
20	212.04	1.82	6.85	Student	-3.95	-1.77	0.08	0.96	1.82	2.68	3.55	5.41	7.58	
	220.45	2.17	1.66	School	0.77	1.30	1.75	1.96	2.17	2.38	2.59	3.04	3.56	
25	215.42	1.96	6.85	Student	-3.80	-1.63	0.23	1.10	1.96	2.82	3.70	5.55	7.73	
	222.16	2.24	1.66	School	0.84	1.37	1.82	2.03	2.24	2.45	2.66	3.11	3.64	
30	218.46	2.09	6.85	Student	-3.67	-1.50	0.35	1.23	2.09	2.95	3.82	5.68	7.85	
	223.70	2.31	1.66	School	0.91	1.44	1.89	2.10	2.31	2.52	2.73	3.18	3.70	
35	221.27	2.21	6.85	Student	-3.56	-1.38	0.47	1.35	2.21	3.07	3.94	5.80	7.97	
	225.12	2.37	1.66	School	0.97	1.50	1.95	2.16	2.37	2.58	2.79	3.24	3.76	
40	223.94	2.32	6.85	Student	-3.44	-1.27	0.59	1.46	2.32	3.18	4.06	5.91	8.08	
	226.47	2.43	1.66	School	1.03	1.56	2.01	2.22	2.43	2.63	2.85	3.30	3.82	
45	226.53	2.43	6.85	Student	-3.33	-1.16	0.69	1.57	2.43	3.29	4.17	6.02	8.19	
	227.78	2.48	1.66	School	1.09	1.61	2.06	2.27	2.48	2.69	2.90	3.35	3.88	
50	229.07	2.54	6.85	Student	-3.23	-1.05	0.80	1.68	2.54	3.40	4.27	6.13	8.30	
	229.07	2.54	1.66	School	1.14	1.67	2.12	2.33	2.54	2.75	2.96	3.41	3.93	
55	231.61	2.64	6.85	Student	-3.12	-0.95	0.91	1.78	2.64	3.51	4.38	6.24	8.41	
	230.36	2.59	1.66	School	1.20	1.72	2.17	2.38	2.59	2.80	3.01	3.46	3.99	
60	234.19	2.75	6.85	Student	-3.01	-0.84	1.02	1.89	2.75	3.61	4.49	6.35	8.52	
	231.66	2.65	1.66	School	1.25	1.78	2.23	2.44	2.65	2.86	3.07	3.52	4.04	
65	236.87	2.87	6.85	Student	-2.90	-0.72	1.13	2.01	2.87	3.73	4.60	6.46	8.63	
	233.02	2.71	1.66	School	1.31	1.84	2.29	2.50	2.71	2.92	3.13	3.58	4.10	
70	239.68	2.99	6.85	Student	-2.78	-0.61	1.25	2.12	2.99	3.85	4.72	6.58	8.75	
	234.44	2.77	1.66	School	1.37	1.90	2.35	2.56	2.77	2.98	3.19	3.64	4.16	
75	242.72	3.11	6.85	Student	-2.65	-0.48	1.38	2.25	3.11	3.97	4.85	6.70	8.88	
	235.98	2.83	1.66	School	1.44	1.96	2.41	2.63	2.83	3.04	3.25	3.70	4.23	
80	246.10	3.26	6.85	Student	-2.51	-0.34	1.52	2.40	3.26	4.12	4.99	6.85	9.02	
	237.69	2.91	1.66	School	1.51	2.04	2.49	2.70	2.91	3.12	3.33	3.78	4.30	
85	250.04	3.42	6.85	Student	-2.34	-0.17	1.69	2.56	3.42	4.28	5.16	7.01	9.19	
	239.69	2.99	1.66	School	1.60	2.12	2.57	2.78	2.99	3.20	3.41	3.86	4.39	
90	255.00	3.63	6.85	Student	-2.13	0.04	1.90	2.77	3.63	4.49	5.37	7.22	9.40	
	242.20	3.10	1.66	School	1.70	2.23	2.68	2.89	3.10	3.31	3.52	3.97	4.50	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.74: Mathematics Grade 10
Winter To Spring Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	204.80	1.14	4.97	Student	-3.04	-1.47	-0.12	0.51	1.14	1.76	2.40	3.74	5.32		
	217.92	1.03	0.86	School	0.31	0.58	0.81	0.92	1.03	1.14	1.25	1.48	1.75		
15	209.85	1.15	4.97	Student	-3.03	-1.45	-0.11	0.53	1.15	1.78	2.41	3.76	5.33		
	220.46	1.07	0.86	School	0.34	0.62	0.85	0.96	1.07	1.17	1.28	1.51	1.79		
20	213.87	1.16	4.97	Student	-3.02	-1.44	-0.09	0.54	1.16	1.79	2.42	3.77	5.34		
	222.48	1.09	0.86	School	0.37	0.64	0.88	0.99	1.09	1.20	1.31	1.54	1.81		
25	217.31	1.17	4.97	Student	-3.01	-1.43	-0.09	0.55	1.17	1.80	2.43	3.78	5.35		
	224.22	1.12	0.86	School	0.40	0.67	0.90	1.01	1.12	1.22	1.33	1.57	1.84		
30	220.40	1.18	4.97	Student	-3.00	-1.42	-0.08	0.56	1.18	1.81	2.44	3.79	5.36		
	225.77	1.14	0.86	School	0.42	0.69	0.92	1.03	1.14	1.25	1.35	1.59	1.86		
35	223.27	1.19	4.97	Student	-2.99	-1.42	-0.07	0.57	1.19	1.81	2.45	3.79	5.37		
	227.21	1.16	0.86	School	0.44	0.71	0.94	1.05	1.16	1.26	1.37	1.61	1.88		
40	225.99	1.20	4.97	Student	-2.98	-1.41	-0.06	0.57	1.20	1.82	2.46	3.80	5.38		
	228.58	1.18	0.86	School	0.46	0.73	0.96	1.07	1.18	1.28	1.39	1.62	1.90		
45	228.62	1.20	4.97	Student	-2.98	-1.40	-0.05	0.58	1.20	1.83	2.46	3.81	5.38		
	229.91	1.19	0.86	School	0.47	0.74	0.98	1.09	1.19	1.30	1.41	1.64	1.91		
50	231.21	1.21	4.97	Student	-2.97	-1.39	-0.05	0.59	1.21	1.84	2.47	3.82	5.39		
	231.21	1.21	0.86	School	0.49	0.76	0.99	1.10	1.21	1.32	1.43	1.66	1.93		
55	233.80	1.22	4.97	Student	-2.96	-1.39	-0.04	0.59	1.22	1.84	2.48	3.82	5.40		
	232.51	1.23	0.86	School	0.51	0.78	1.01	1.12	1.23	1.34	1.45	1.68	1.95		
60	236.43	1.23	4.97	Student	-2.95	-1.38	-0.03	0.60	1.23	1.85	2.48	3.83	5.41		
	233.84	1.25	0.86	School	0.53	0.80	1.03	1.14	1.25	1.35	1.46	1.70	1.97		
65	239.15	1.23	4.97	Student	-2.95	-1.37	-0.03	0.61	1.23	1.86	2.49	3.84	5.41		
	235.20	1.27	0.86	School	0.55	0.82	1.05	1.16	1.27	1.37	1.48	1.71	1.99		
70	242.02	1.24	4.97	Student	-2.94	-1.36	-0.02	0.62	1.24	1.87	2.50	3.85	5.42		
	236.65	1.29	0.86	School	0.56	0.84	1.07	1.18	1.29	1.39	1.50	1.73	2.01		
75	245.11	1.25	4.97	Student	-2.93	-1.36	-0.01	0.63	1.25	1.87	2.51	3.85	5.43		
	238.20	1.31	0.86	School	0.59	0.86	1.09	1.20	1.31	1.41	1.52	1.76	2.03		
80	248.55	1.26	4.97	Student	-2.92	-1.35	0.00	0.63	1.26	1.88	2.52	3.86	5.44		
	239.94	1.33	0.86	School	0.61	0.88	1.11	1.22	1.33	1.44	1.55	1.78	2.05		
85	252.57	1.27	4.97	Student	-2.91	-1.33	0.01	0.65	1.27	1.89	2.53	3.87	5.45		
	241.96	1.36	0.86	School	0.64	0.91	1.14	1.25	1.36	1.47	1.57	1.81	2.08		
90	257.62	1.28	4.97	Student	-2.90	-1.32	0.03	0.66	1.28	1.91	2.54	3.89	5.46		
	244.50	1.39	0.86	School	0.67	0.94	1.18	1.28	1.39	1.50	1.61	1.84	2.11		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.75: Mathematics Grade 11
Last Winter To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	205.30	2.81	6.71	Student	-2.84	-0.71	1.11	1.97	2.81	3.66	4.51	6.33	8.46	
	217.94	2.20	1.55	School	0.90	1.39	1.81	2.00	2.20	2.39	2.59	3.01	3.50	
15	210.25	2.72	6.71	Student	-2.92	-0.80	1.02	1.88	2.72	3.57	4.43	6.24	8.37	
	220.47	2.23	1.55	School	0.93	1.42	1.84	2.03	2.23	2.42	2.62	3.04	3.53	
20	214.17	2.66	6.71	Student	-2.99	-0.86	0.95	1.81	2.66	3.50	4.36	6.18	8.30	
	222.47	2.25	1.55	School	0.95	1.44	1.86	2.06	2.25	2.45	2.64	3.06	3.55	
25	217.54	2.60	6.71	Student	-3.05	-0.92	0.90	1.75	2.60	3.44	4.30	6.12	8.25	
	224.19	2.27	1.55	School	0.97	1.46	1.88	2.08	2.27	2.47	2.66	3.08	3.58	
30	220.57	2.54	6.71	Student	-3.11	-0.98	0.84	1.70	2.54	3.39	4.24	6.06	8.19	
	225.74	2.29	1.55	School	0.99	1.48	1.90	2.10	2.29	2.49	2.68	3.10	3.59	
35	223.37	2.49	6.71	Student	-3.16	-1.03	0.79	1.65	2.49	3.34	4.19	6.01	8.14	
	227.17	2.31	1.55	School	1.01	1.50	1.92	2.11	2.31	2.50	2.70	3.12	3.61	
40	226.03	2.45	6.71	Student	-3.20	-1.07	0.75	1.60	2.45	3.29	4.15	5.97	8.10	
	228.53	2.33	1.55	School	1.02	1.51	1.93	2.13	2.33	2.52	2.72	3.14	3.63	
45	228.60	2.40	6.71	Student	-3.25	-1.12	0.70	1.56	2.40	3.24	4.10	5.92	8.05	
	229.84	2.34	1.55	School	1.04	1.53	1.95	2.15	2.34	2.54	2.73	3.15	3.64	
50	231.14	2.36	6.71	Student	-3.29	-1.16	0.66	1.51	2.36	3.20	4.06	5.88	8.01	
	231.14	2.36	1.55	School	1.05	1.55	1.96	2.16	2.36	2.55	2.75	3.17	3.66	
55	233.67	2.31	6.71	Student	-3.34	-1.21	0.61	1.47	2.31	3.16	4.01	5.83	7.96	
	232.43	2.37	1.55	School	1.07	1.56	1.98	2.18	2.37	2.57	2.76	3.18	3.67	
60	236.24	2.27	6.71	Student	-3.38	-1.25	0.57	1.42	2.27	3.11	3.97	5.79	7.92	
	233.74	2.39	1.55	School	1.09	1.58	2.00	2.19	2.39	2.58	2.78	3.20	3.69	
65	238.90	2.22	6.71	Student	-3.43	-1.30	0.52	1.38	2.22	3.06	3.92	5.74	7.87	
	235.10	2.40	1.55	School	1.10	1.59	2.01	2.21	2.40	2.60	2.80	3.22	3.71	
70	241.71	2.17	6.71	Student	-3.48	-1.35	0.47	1.33	2.17	3.01	3.87	5.69	7.82	
	236.53	2.42	1.55	School	1.12	1.61	2.03	2.23	2.42	2.62	2.81	3.23	3.72	
75	244.73	2.12	6.71	Student	-3.53	-1.40	0.42	1.27	2.12	2.96	3.82	5.64	7.77	
	238.08	2.44	1.55	School	1.14	1.63	2.05	2.25	2.44	2.63	2.83	3.25	3.74	
80	248.10	2.06	6.71	Student	-3.59	-1.46	0.36	1.21	2.06	2.90	3.76	5.58	7.71	
	239.80	2.46	1.55	School	1.16	1.65	2.07	2.27	2.46	2.66	2.85	3.27	3.76	
85	252.03	1.99	6.71	Student	-3.66	-1.53	0.29	1.15	1.99	2.83	3.69	5.51	7.64	
	241.80	2.49	1.55	School	1.18	1.67	2.09	2.29	2.49	2.68	2.88	3.30	3.79	
90	256.97	1.90	6.71	Student	-3.75	-1.62	0.20	1.06	1.90	2.75	3.60	5.42	7.55	
	244.33	2.52	1.55	School	1.21	1.70	2.12	2.32	2.52	2.71	2.91	3.33	3.82	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.76: Mathematics Grade 11
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	205.14	2.06	7.67	Student	-4.39	-1.96	0.12	1.10	2.06	3.02	4.00	6.08	8.51	
	218.56	-0.01	1.81	School	-1.53	-0.96	-0.47	-0.24	-0.01	0.22	0.45	0.94	1.52	
15	210.29	1.60	7.67	Student	-4.85	-2.42	-0.34	0.64	1.60	2.56	3.54	5.62	8.05	
	221.14	-0.07	1.81	School	-1.60	-1.02	-0.53	-0.30	-0.07	0.15	0.39	0.88	1.45	
20	214.39	1.23	7.67	Student	-5.22	-2.79	-0.71	0.27	1.23	2.20	3.18	5.25	7.69	
	223.20	-0.13	1.81	School	-1.65	-1.08	-0.58	-0.35	-0.13	0.10	0.33	0.83	1.40	
25	217.90	0.92	7.67	Student	-5.53	-3.10	-1.02	-0.04	0.92	1.88	2.86	4.94	7.37	
	224.96	-0.17	1.81	School	-1.69	-1.12	-0.63	-0.40	-0.17	0.06	0.29	0.78	1.36	
30	221.05	0.64	7.67	Student	-5.81	-3.38	-1.30	-0.33	0.64	1.60	2.58	4.66	7.09	
	226.54	-0.21	1.81	School	-1.73	-1.16	-0.67	-0.44	-0.21	0.02	0.25	0.74	1.32	
35	223.97	0.38	7.67	Student	-6.08	-3.64	-1.57	-0.59	0.38	1.34	2.32	4.40	6.83	
	228.01	-0.24	1.81	School	-1.77	-1.20	-0.70	-0.47	-0.24	-0.02	0.21	0.71	1.28	
40	226.75	0.13	7.67	Student	-6.32	-3.89	-1.81	-0.83	0.13	1.09	2.07	4.15	6.58	
	229.40	-0.28	1.81	School	-1.80	-1.23	-0.74	-0.51	-0.28	-0.05	0.18	0.67	1.25	
45	229.43	-0.11	7.67	Student	-6.56	-4.13	-2.05	-1.07	-0.11	0.85	1.83	3.91	6.34	
	230.75	-0.31	1.81	School	-1.84	-1.26	-0.77	-0.54	-0.31	-0.09	0.15	0.64	1.21	
50	232.07	-0.35	7.67	Student	-6.80	-4.37	-2.29	-1.31	-0.35	0.62	1.60	3.67	6.11	
	232.07	-0.35	1.81	School	-1.87	-1.30	-0.81	-0.57	-0.35	-0.12	0.11	0.60	1.18	
55	234.71	-0.58	7.67	Student	-7.03	-4.60	-2.52	-1.55	-0.58	0.38	1.36	3.44	5.87	
	233.40	-0.38	1.81	School	-1.90	-1.33	-0.84	-0.61	-0.38	-0.15	0.08	0.57	1.15	
60	237.39	-0.82	7.67	Student	-7.27	-4.84	-2.76	-1.78	-0.82	0.14	1.12	3.20	5.63	
	234.74	-0.41	1.81	School	-1.94	-1.36	-0.87	-0.64	-0.41	-0.18	0.05	0.54	1.11	
65	240.17	-1.07	7.67	Student	-7.52	-5.09	-3.01	-2.03	-1.07	-0.11	0.87	2.95	5.38	
	236.13	-0.45	1.81	School	-1.97	-1.40	-0.91	-0.67	-0.45	-0.22	0.01	0.50	1.08	
70	243.09	-1.33	7.67	Student	-7.78	-5.35	-3.27	-2.29	-1.33	-0.37	0.61	2.69	5.12	
	237.60	-0.48	1.81	School	-2.01	-1.43	-0.94	-0.71	-0.48	-0.26	-0.02	0.47	1.04	
75	246.24	-1.61	7.67	Student	-8.06	-5.63	-3.55	-2.58	-1.61	-0.65	0.33	2.41	4.84	
	239.18	-0.52	1.81	School	-2.05	-1.47	-0.98	-0.75	-0.52	-0.30	-0.06	0.43	1.00	
80	249.75	-1.93	7.67	Student	-8.38	-5.95	-3.87	-2.89	-1.93	-0.96	0.02	2.09	4.53	
	240.95	-0.57	1.81	School	-2.09	-1.52	-1.03	-0.79	-0.57	-0.34	-0.11	0.38	0.96	
85	253.85	-2.29	7.67	Student	-8.74	-6.31	-4.23	-3.25	-2.29	-1.33	-0.35	1.73	4.16	
	243.00	-0.62	1.81	School	-2.14	-1.57	-1.08	-0.85	-0.62	-0.39	-0.16	0.33	0.91	
90	259.00	-2.75	7.67	Student	-9.20	-6.77	-4.69	-3.71	-2.75	-1.79	-0.81	1.27	3.70	
	245.59	-0.68	1.81	School	-2.21	-1.63	-1.14	-0.91	-0.68	-0.45	-0.22	0.27	0.84	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.77: Mathematics Grade 11
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	205.14	3.53	8.39	Student	-3.53	-0.87	1.41	2.48	3.53	4.59	5.66	7.94	10.60	
	218.56	2.23	1.95	School	0.59	1.21	1.74	1.99	2.23	2.48	2.73	3.26	3.87	
15	210.29	3.27	8.39	Student	-3.79	-1.13	1.15	2.22	3.27	4.33	5.40	7.68	10.34	
	221.14	2.22	1.95	School	0.58	1.20	1.73	1.98	2.22	2.47	2.72	3.24	3.86	
20	214.39	3.07	8.39	Student	-4.00	-1.33	0.94	2.01	3.07	4.12	5.20	7.47	10.13	
	223.20	2.21	1.95	School	0.57	1.19	1.72	1.97	2.21	2.46	2.71	3.24	3.86	
25	217.90	2.89	8.39	Student	-4.17	-1.51	0.76	1.84	2.89	3.95	5.02	7.29	9.96	
	224.96	2.21	1.95	School	0.57	1.18	1.71	1.96	2.21	2.45	2.70	3.23	3.85	
30	221.05	2.73	8.39	Student	-4.33	-1.67	0.61	1.68	2.73	3.79	4.86	7.14	9.80	
	226.54	2.20	1.95	School	0.56	1.18	1.71	1.96	2.20	2.45	2.69	3.22	3.84	
35	223.97	2.59	8.39	Student	-4.48	-1.82	0.46	1.53	2.59	3.64	4.71	6.99	9.65	
	228.01	2.19	1.95	School	0.55	1.17	1.70	1.95	2.19	2.44	2.69	3.22	3.84	
40	226.75	2.45	8.39	Student	-4.62	-1.96	0.32	1.39	2.45	3.50	4.57	6.85	9.51	
	229.40	2.19	1.95	School	0.55	1.17	1.69	1.94	2.19	2.43	2.68	3.21	3.83	
45	229.43	2.31	8.39	Student	-4.75	-2.09	0.18	1.26	2.31	3.37	4.44	6.71	9.38	
	230.75	2.18	1.95	School	0.54	1.16	1.69	1.94	2.18	2.43	2.68	3.21	3.82	
50	232.07	2.18	8.39	Student	-4.89	-2.22	0.05	1.12	2.18	3.23	4.31	6.58	9.24	
	232.07	2.18	1.95	School	0.54	1.16	1.68	1.93	2.18	2.42	2.67	3.20	3.82	
55	234.71	2.05	8.39	Student	-5.02	-2.36	-0.08	0.99	2.05	3.10	4.17	6.45	9.11	
	233.40	2.17	1.95	School	0.53	1.15	1.68	1.93	2.17	2.42	2.67	3.20	3.81	
60	237.39	1.91	8.39	Student	-5.16	-2.49	-0.22	0.86	1.91	2.97	4.04	6.31	8.98	
	234.74	2.17	1.95	School	0.53	1.14	1.67	1.92	2.17	2.41	2.66	3.19	3.81	
65	240.17	1.77	8.39	Student	-5.29	-2.63	-0.36	0.72	1.77	2.83	3.90	6.17	8.84	
	236.13	2.16	1.95	School	0.52	1.14	1.67	1.92	2.16	2.41	2.66	3.18	3.80	
70	243.09	1.62	8.39	Student	-5.44	-2.78	-0.50	0.57	1.62	2.68	3.75	6.03	8.69	
	237.60	2.16	1.95	School	0.51	1.13	1.66	1.91	2.16	2.40	2.65	3.18	3.80	
75	246.24	1.46	8.39	Student	-5.60	-2.94	-0.66	0.41	1.46	2.52	3.59	5.87	8.53	
	239.18	2.15	1.95	School	0.51	1.13	1.66	1.90	2.15	2.39	2.64	3.17	3.79	
80	249.75	1.29	8.39	Student	-5.78	-3.11	-0.84	0.23	1.29	2.34	3.41	5.69	8.35	
	240.95	2.14	1.95	School	0.50	1.12	1.65	1.90	2.14	2.39	2.64	3.17	3.78	
85	253.85	1.08	8.39	Student	-5.98	-3.32	-1.04	0.03	1.08	2.14	3.21	5.48	8.15	
	243.00	2.13	1.95	School	0.49	1.11	1.64	1.89	2.13	2.38	2.63	3.16	3.78	
90	259.00	0.82	8.39	Student	-6.24	-3.58	-1.30	-0.23	0.82	1.88	2.95	5.22	7.89	
	245.59	2.12	1.95	School	0.48	1.10	1.63	1.88	2.12	2.37	2.62	3.15	3.77	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

**Table E.1.78: Mathematics Grade 11
Fall To Winter Conditional Growth Percentile**

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	205.31	2.48	5.89	Student	-2.48	-0.61	0.98	1.74	2.48	3.22	3.97	5.57	7.43		
	218.34	1.73	1.15	School	0.76	1.13	1.44	1.59	1.73	1.88	2.02	2.33	2.70		
15	210.36	2.34	5.89	Student	-2.62	-0.75	0.85	1.60	2.34	3.08	3.83	5.43	7.30		
	220.90	1.74	1.15	School	0.77	1.13	1.45	1.59	1.74	1.88	2.03	2.34	2.71		
20	214.38	2.23	5.89	Student	-2.72	-0.86	0.74	1.49	2.23	2.97	3.73	5.32	7.19		
	222.94	1.74	1.15	School	0.77	1.14	1.45	1.60	1.74	1.89	2.04	2.35	2.71		
25	217.82	2.14	5.89	Student	-2.82	-0.95	0.65	1.40	2.14	2.88	3.63	5.23	7.10		
	224.68	1.75	1.15	School	0.78	1.14	1.46	1.60	1.75	1.89	2.04	2.35	2.72		
30	220.91	2.06	5.89	Student	-2.90	-1.03	0.57	1.32	2.06	2.80	3.55	5.15	7.02		
	226.25	1.75	1.15	School	0.78	1.15	1.46	1.61	1.75	1.90	2.04	2.36	2.72		
35	223.78	1.98	5.89	Student	-2.98	-1.11	0.49	1.24	1.98	2.72	3.47	5.07	6.94		
	227.70	1.76	1.15	School	0.79	1.15	1.47	1.61	1.76	1.90	2.05	2.36	2.73		
40	226.50	1.91	5.89	Student	-3.05	-1.18	0.42	1.17	1.91	2.65	3.40	5.00	6.87		
	229.08	1.76	1.15	School	0.79	1.16	1.47	1.62	1.76	1.91	2.05	2.36	2.73		
45	229.13	1.84	5.89	Student	-3.12	-1.25	0.34	1.10	1.84	2.58	3.33	4.93	6.80		
	230.41	1.76	1.15	School	0.80	1.16	1.47	1.62	1.76	1.91	2.06	2.37	2.73		
50	231.72	1.77	5.89	Student	-3.19	-1.32	0.28	1.03	1.77	2.51	3.26	4.86	6.73		
	231.72	1.77	1.15	School	0.80	1.16	1.48	1.62	1.77	1.91	2.06	2.37	2.74		
55	234.31	1.70	5.89	Student	-3.26	-1.39	0.21	0.96	1.70	2.44	3.19	4.79	6.66		
	233.04	1.77	1.15	School	0.80	1.17	1.48	1.63	1.77	1.92	2.06	2.37	2.74		
60	236.95	1.63	5.89	Student	-3.33	-1.46	0.14	0.89	1.63	2.37	3.12	4.72	6.59		
	234.37	1.77	1.15	School	0.81	1.17	1.48	1.63	1.77	1.92	2.07	2.38	2.74		
65	239.67	1.55	5.89	Student	-3.40	-1.53	0.06	0.81	1.55	2.29	3.05	4.64	6.51		
	235.75	1.78	1.15	School	0.81	1.17	1.49	1.63	1.78	1.92	2.07	2.38	2.75		
70	242.53	1.48	5.89	Student	-3.48	-1.61	-0.01	0.74	1.48	2.22	2.97	4.57	6.44		
	237.20	1.78	1.15	School	0.81	1.18	1.49	1.64	1.78	1.93	2.07	2.39	2.75		
75	245.63	1.39	5.89	Student	-3.56	-1.69	-0.10	0.65	1.39	2.14	2.89	4.48	6.35		
	238.77	1.79	1.15	School	0.82	1.18	1.50	1.64	1.79	1.93	2.08	2.39	2.76		
80	249.07	1.30	5.89	Student	-3.66	-1.79	-0.19	0.56	1.30	2.04	2.79	4.39	6.26		
	240.51	1.79	1.15	School	0.82	1.19	1.50	1.65	1.79	1.94	2.08	2.40	2.76		
85	253.09	1.19	5.89	Student	-3.76	-1.89	-0.30	0.45	1.19	1.94	2.69	4.28	6.15		
	242.55	1.80	1.15	School	0.83	1.19	1.51	1.65	1.80	1.94	2.09	2.40	2.77		
90	258.14	1.06	5.89	Student	-3.90	-2.03	-0.43	0.32	1.06	1.80	2.55	4.15	6.02		
	245.11	1.80	1.15	School	0.84	1.20	1.51	1.66	1.80	1.95	2.10	2.41	2.77		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.79: Mathematics Grade 11
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	205.31	3.34	8.35	Student	-3.68	-1.03	1.23	2.30	3.34	4.39	5.46	7.72	10.37
	218.34	2.46	2.01	School	0.77	1.40	1.95	2.21	2.46	2.71	2.97	3.52	4.16
15	210.36	3.19	8.35	Student	-3.84	-1.19	1.07	2.14	3.19	4.24	5.30	7.56	10.21
	220.90	2.47	2.01	School	0.78	1.42	1.96	2.22	2.47	2.73	2.98	3.53	4.17
20	214.38	3.06	8.35	Student	-3.96	-1.31	0.95	2.01	3.06	4.11	5.18	7.44	10.09
	222.94	2.48	2.01	School	0.79	1.43	1.97	2.23	2.48	2.74	2.99	3.54	4.18
25	217.82	2.96	8.35	Student	-4.07	-1.42	0.84	1.91	2.96	4.00	5.07	7.33	9.98
	224.68	2.49	2.01	School	0.80	1.43	1.98	2.24	2.49	2.74	3.00	3.55	4.19
30	220.91	2.86	8.35	Student	-4.17	-1.52	0.75	1.81	2.86	3.91	4.97	7.24	9.88
	226.25	2.50	2.01	School	0.80	1.44	1.99	2.25	2.50	2.75	3.01	3.55	4.19
35	223.78	2.77	8.35	Student	-4.25	-1.61	0.66	1.72	2.77	3.82	4.89	7.15	9.80
	227.70	2.51	2.01	School	0.81	1.45	1.99	2.25	2.51	2.76	3.02	3.56	4.20
40	226.50	2.69	8.35	Student	-4.34	-1.69	0.57	1.64	2.69	3.74	4.80	7.06	9.71
	229.08	2.51	2.01	School	0.82	1.46	2.00	2.26	2.51	2.76	3.02	3.57	4.21
45	229.13	2.60	8.35	Student	-4.42	-1.77	0.49	1.56	2.60	3.65	4.72	6.98	9.63
	230.41	2.52	2.01	School	0.82	1.46	2.01	2.27	2.52	2.77	3.03	3.57	4.21
50	231.72	2.52	8.35	Student	-4.50	-1.85	0.41	1.48	2.52	3.57	4.64	6.90	9.55
	231.72	2.52	2.01	School	0.83	1.47	2.01	2.27	2.52	2.78	3.03	3.58	4.22
55	234.31	2.44	8.35	Student	-4.58	-1.93	0.33	1.40	2.44	3.49	4.56	6.82	9.47
	233.04	2.53	2.01	School	0.84	1.47	2.02	2.28	2.53	2.78	3.04	3.59	4.23
60	236.95	2.36	8.35	Student	-4.66	-2.01	0.25	1.31	2.36	3.41	4.48	6.74	9.39
	234.37	2.54	2.01	School	0.84	1.48	2.03	2.28	2.54	2.79	3.05	3.59	4.23
65	239.67	2.28	8.35	Student	-4.75	-2.10	0.16	1.23	2.28	3.33	4.39	6.65	9.30
	235.75	2.54	2.01	School	0.85	1.49	2.03	2.29	2.54	2.80	3.05	3.60	4.24
70	242.53	2.19	8.35	Student	-4.84	-2.19	0.07	1.14	2.19	3.24	4.30	6.57	9.21
	237.20	2.55	2.01	School	0.86	1.49	2.04	2.30	2.55	2.80	3.06	3.61	4.25
75	245.63	2.09	8.35	Student	-4.93	-2.28	-0.02	1.04	2.09	3.14	4.21	6.47	9.12
	238.77	2.56	2.01	School	0.86	1.50	2.05	2.30	2.56	2.81	3.07	3.61	4.25
80	249.07	1.99	8.35	Student	-5.04	-2.39	-0.13	0.94	1.99	3.03	4.10	6.36	9.01
	240.51	2.57	2.01	School	0.87	1.51	2.06	2.31	2.57	2.82	3.08	3.62	4.26
85	253.09	1.86	8.35	Student	-5.16	-2.52	-0.25	0.81	1.86	2.91	3.98	6.24	8.89
	242.55	2.58	2.01	School	0.88	1.52	2.07	2.32	2.58	2.83	3.09	3.63	4.27
90	258.14	1.70	8.35	Student	-5.32	-2.67	-0.41	0.66	1.70	2.75	3.82	6.08	8.73
	245.11	2.59	2.01	School	0.89	1.53	2.08	2.34	2.59	2.84	3.10	3.64	4.28

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.80: Mathematics Grade 11
Fall To N Fall Conditional Growth Percentile

Start %ile	Status	Growth		Conditional Growth										
		Mean	SD	CGP	20	30	40	45	50	55	60	70	80	
10	205.31	-0.62	7.49	Student	-6.93	-4.55	-2.52	-1.57	-0.62	0.32	1.27	3.30	5.68	
	218.34	0.44	1.82	School	-1.09	-0.52	-0.02	0.21	0.44	0.67	0.90	1.40	1.98	
15	210.36	-0.31	7.49	Student	-6.61	-4.23	-2.20	-1.25	-0.31	0.63	1.59	3.62	6.00	
	220.90	0.55	1.82	School	-0.98	-0.40	0.09	0.33	0.55	0.78	1.02	1.51	2.09	
20	214.38	-0.05	7.49	Student	-6.36	-3.98	-1.95	-1.00	-0.05	0.89	1.84	3.87	6.25	
	222.94	0.64	1.82	School	-0.89	-0.31	0.18	0.42	0.64	0.87	1.11	1.60	2.18	
25	217.82	0.16	7.49	Student	-6.14	-3.77	-1.74	-0.78	0.16	1.10	2.06	4.09	6.46	
	224.68	0.72	1.82	School	-0.81	-0.23	0.26	0.49	0.72	0.95	1.18	1.68	2.26	
30	220.91	0.36	7.49	Student	-5.95	-3.57	-1.54	-0.59	0.36	1.30	2.25	4.28	6.66	
	226.25	0.79	1.82	School	-0.74	-0.16	0.33	0.56	0.79	1.02	1.25	1.75	2.33	
35	223.78	0.54	7.49	Student	-5.77	-3.39	-1.36	-0.41	0.54	1.48	2.43	4.46	6.84	
	227.70	0.86	1.82	School	-0.68	-0.10	0.39	0.63	0.86	1.09	1.32	1.81	2.39	
40	226.50	0.71	7.49	Student	-5.60	-3.22	-1.19	-0.23	0.71	1.65	2.60	4.63	7.01	
	229.08	0.92	1.82	School	-0.62	-0.04	0.46	0.69	0.92	1.15	1.38	1.87	2.45	
45	229.13	0.87	7.49	Student	-5.43	-3.06	-1.03	-0.07	0.87	1.81	2.77	4.80	7.18	
	230.41	0.98	1.82	School	-0.56	0.02	0.51	0.75	0.98	1.21	1.44	1.93	2.51	
50	231.72	1.03	7.49	Student	-5.27	-2.89	-0.86	0.09	1.03	1.98	2.93	4.96	7.34	
	231.72	1.03	1.82	School	-0.50	0.08	0.57	0.81	1.03	1.26	1.50	1.99	2.57	
55	234.31	1.20	7.49	Student	-5.11	-2.73	-0.70	0.26	1.20	2.14	3.09	5.12	7.50	
	233.04	1.09	1.82	School	-0.44	0.14	0.63	0.86	1.09	1.32	1.55	2.05	2.63	
60	236.95	1.36	7.49	Student	-4.94	-2.56	-0.53	0.42	1.36	2.30	3.26	5.29	7.67	
	234.37	1.15	1.82	School	-0.38	0.20	0.69	0.92	1.15	1.38	1.61	2.11	2.69	
65	239.67	1.53	7.49	Student	-4.77	-2.39	-0.36	0.59	1.53	2.47	3.43	5.46	7.84	
	235.75	1.21	1.82	School	-0.32	0.26	0.75	0.98	1.21	1.44	1.68	2.17	2.75	
70	242.53	1.71	7.49	Student	-4.59	-2.21	-0.18	0.77	1.71	2.65	3.61	5.64	8.02	
	237.20	1.28	1.82	School	-0.26	0.32	0.82	1.05	1.28	1.51	1.74	2.23	2.81	
75	245.63	1.91	7.49	Student	-4.40	-2.02	0.01	0.97	1.91	2.85	3.81	5.84	8.21	
	238.77	1.35	1.82	School	-0.19	0.39	0.88	1.12	1.35	1.58	1.81	2.30	2.88	
80	249.07	2.12	7.49	Student	-4.18	-1.80	0.23	1.18	2.12	3.07	4.02	6.05	8.43	
	240.51	1.42	1.82	School	-0.11	0.47	0.96	1.20	1.42	1.65	1.89	2.38	2.96	
85	253.09	2.38	7.49	Student	-3.93	-1.55	0.48	1.44	2.38	3.32	4.27	6.30	8.68	
	242.55	1.51	1.82	School	-0.02	0.56	1.05	1.29	1.51	1.74	1.98	2.47	3.05	
90	258.14	2.69	7.49	Student	-3.61	-1.23	0.80	1.75	2.69	3.63	4.59	6.62	9.00	
	245.11	1.63	1.82	School	0.09	0.67	1.17	1.40	1.63	1.86	2.09	2.58	3.16	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.81: Mathematics Grade 11
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	206.70	0.64 5.25	Student	-3.78	-2.12	-0.69	-0.02	0.64	1.30	1.97	3.39	5.05	
	219.99	0.61 0.86	School	-0.11	0.16	0.39	0.50	0.61	0.72	0.83	1.06	1.33	
15	211.82	0.66 5.25	Student	-3.76	-2.09	-0.67	-0.00	0.66	1.32	1.99	3.41	5.08	
	222.58	0.64 0.86	School	-0.08	0.19	0.42	0.53	0.64	0.74	0.85	1.09	1.36	
20	215.90	0.68 5.25	Student	-3.74	-2.08	-0.65	0.02	0.68	1.34	2.01	3.43	5.10	
	224.63	0.66 0.86	School	-0.06	0.21	0.44	0.55	0.66	0.77	0.88	1.11	1.38	
25	219.39	0.69 5.25	Student	-3.72	-2.06	-0.64	0.03	0.69	1.35	2.02	3.45	5.11	
	226.39	0.68 0.86	School	-0.04	0.23	0.46	0.57	0.68	0.79	0.90	1.13	1.40	
30	222.53	0.71 5.25	Student	-3.71	-2.05	-0.62	0.05	0.71	1.37	2.04	3.46	5.13	
	227.97	0.70 0.86	School	-0.02	0.25	0.48	0.59	0.70	0.80	0.91	1.15	1.42	
35	225.44	0.72 5.25	Student	-3.70	-2.03	-0.61	0.06	0.72	1.38	2.05	3.47	5.14	
	229.43	0.71 0.86	School	-0.01	0.26	0.50	0.60	0.71	0.82	0.93	1.16	1.43	
40	228.20	0.73 5.25	Student	-3.69	-2.02	-0.60	0.07	0.73	1.39	2.06	3.49	5.15	
	230.82	0.73 0.86	School	0.01	0.28	0.51	0.62	0.73	0.84	0.94	1.18	1.45	
45	230.86	0.74 5.25	Student	-3.67	-2.01	-0.59	0.09	0.74	1.40	2.07	3.50	5.16	
	232.17	0.74 0.86	School	0.02	0.29	0.53	0.63	0.74	0.85	0.96	1.19	1.46	
50	233.49	0.76 5.25	Student	-3.66	-2.00	-0.57	0.10	0.76	1.42	2.09	3.51	5.17	
	233.49	0.76 0.86	School	0.04	0.31	0.54	0.65	0.76	0.86	0.97	1.21	1.48	
55	236.12	0.77 5.25	Student	-3.65	-1.98	-0.56	0.11	0.77	1.43	2.10	3.52	5.19	
	234.82	0.77 0.86	School	0.05	0.32	0.55	0.66	0.77	0.88	0.99	1.22	1.49	
60	238.79	0.78 5.25	Student	-3.64	-1.97	-0.55	0.12	0.78	1.44	2.11	3.53	5.20	
	236.16	0.79 0.86	School	0.06	0.34	0.57	0.68	0.79	0.89	1.00	1.24	1.51	
65	241.55	0.79 5.25	Student	-3.63	-1.96	-0.54	0.13	0.79	1.45	2.12	3.55	5.21	
	237.55	0.80 0.86	School	0.08	0.35	0.58	0.69	0.80	0.91	1.02	1.25	1.52	
70	244.46	0.81 5.25	Student	-3.61	-1.95	-0.52	0.15	0.81	1.47	2.14	3.56	5.22	
	239.02	0.82 0.86	School	0.10	0.37	0.60	0.71	0.82	0.92	1.03	1.27	1.54	
75	247.59	0.82 5.25	Student	-3.60	-1.93	-0.51	0.16	0.82	1.48	2.15	3.57	5.24	
	240.60	0.83 0.86	School	0.11	0.39	0.62	0.73	0.83	0.94	1.05	1.28	1.56	
80	251.09	0.84 5.25	Student	-3.58	-1.92	-0.49	0.18	0.84	1.50	2.17	3.59	5.25	
	242.36	0.85 0.86	School	0.13	0.40	0.64	0.75	0.85	0.96	1.07	1.30	1.57	
85	255.16	0.85 5.25	Student	-3.56	-1.90	-0.48	0.19	0.85	1.51	2.18	3.61	5.27	
	244.41	0.88 0.86	School	0.16	0.43	0.66	0.77	0.88	0.98	1.09	1.33	1.60	
90	260.29	0.88 5.25	Student	-3.54	-1.88	-0.45	0.22	0.88	1.54	2.21	3.63	5.29	
	246.99	0.90 0.86	School	0.18	0.46	0.69	0.80	0.90	1.01	1.12	1.35	1.63	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.82: Mathematics Grade 12
Last Winter To Winter Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	205.69	1.43	10.70	Student	-7.58	-4.18	-1.28	0.08	1.43	2.77	4.14	7.04	10.43
	218.31	0.92	2.75	School	-1.40	-0.53	0.22	0.57	0.92	1.26	1.61	2.36	3.23
15	210.82	1.31	10.70	Student	-7.69	-4.30	-1.40	-0.04	1.31	2.65	4.02	6.92	10.31
	221.02	0.90	2.75	School	-1.42	-0.55	0.20	0.55	0.90	1.24	1.59	2.34	3.21
20	214.90	1.21	10.70	Student	-7.79	-4.39	-1.50	-0.13	1.21	2.56	3.92	6.82	10.22
	223.18	0.88	2.75	School	-1.44	-0.56	0.18	0.53	0.88	1.23	1.58	2.32	3.20
25	218.39	1.13	10.70	Student	-7.87	-4.48	-1.58	-0.21	1.13	2.48	3.84	6.74	10.14
	225.03	0.87	2.75	School	-1.45	-0.58	0.17	0.52	0.87	1.21	1.56	2.31	3.18
30	221.53	1.06	10.70	Student	-7.94	-4.55	-1.65	-0.28	1.06	2.41	3.77	6.67	10.06
	226.69	0.85	2.75	School	-1.46	-0.59	0.16	0.51	0.85	1.20	1.55	2.30	3.17
35	224.44	0.99	10.70	Student	-8.01	-4.61	-1.72	-0.35	0.99	2.34	3.70	6.60	10.00
	228.24	0.84	2.75	School	-1.48	-0.60	0.14	0.50	0.84	1.19	1.54	2.29	3.16
40	227.20	0.93	10.70	Student	-8.07	-4.68	-1.78	-0.41	0.93	2.28	3.64	6.54	9.93
	229.70	0.83	2.75	School	-1.49	-0.61	0.13	0.48	0.83	1.18	1.53	2.27	3.15
45	229.88	0.87	10.70	Student	-8.13	-4.74	-1.84	-0.47	0.87	2.21	3.58	6.48	9.87
	231.11	0.82	2.75	School	-1.50	-0.62	0.12	0.47	0.82	1.17	1.52	2.26	3.14
50	232.50	0.81	10.70	Student	-8.19	-4.80	-1.90	-0.54	0.81	2.15	3.52	6.42	9.81
	232.50	0.81	2.75	School	-1.51	-0.64	0.11	0.46	0.81	1.15	1.51	2.25	3.13
55	235.13	0.75	10.70	Student	-8.25	-4.86	-1.96	-0.60	0.75	2.09	3.46	6.36	9.75
	233.90	0.80	2.75	School	-1.52	-0.65	0.10	0.45	0.80	1.14	1.50	2.24	3.12
60	237.80	0.69	10.70	Student	-8.32	-4.92	-2.02	-0.66	0.69	2.03	3.40	6.30	9.69
	235.31	0.79	2.75	School	-1.53	-0.66	0.09	0.44	0.79	1.13	1.49	2.23	3.11
65	240.57	0.62	10.70	Student	-8.38	-4.99	-2.09	-0.72	0.62	1.97	3.33	6.23	9.63
	236.77	0.78	2.75	School	-1.54	-0.67	0.08	0.43	0.78	1.12	1.47	2.22	3.09
70	243.48	0.56	10.70	Student	-8.45	-5.05	-2.15	-0.79	0.56	1.90	3.27	6.17	9.56
	238.31	0.76	2.75	School	-1.55	-0.68	0.07	0.42	0.76	1.11	1.46	2.21	3.08
75	246.62	0.48	10.70	Student	-8.52	-5.13	-2.23	-0.86	0.48	1.83	3.19	6.09	9.49
	239.98	0.75	2.75	School	-1.57	-0.69	0.05	0.41	0.75	1.10	1.45	2.20	3.07
80	250.11	0.40	10.70	Student	-8.60	-5.21	-2.31	-0.94	0.40	1.75	3.11	6.01	9.41
	241.83	0.74	2.75	School	-1.58	-0.71	0.04	0.39	0.74	1.08	1.44	2.18	3.06
85	254.19	0.31	10.70	Student	-8.69	-5.30	-2.40	-1.04	0.31	1.65	3.02	5.92	9.31
	243.99	0.72	2.75	School	-1.60	-0.72	0.02	0.38	0.72	1.07	1.42	2.17	3.04
90	259.32	0.19	10.70	Student	-8.81	-5.42	-2.52	-1.15	0.19	1.54	2.90	5.80	9.19
	246.70	0.70	2.75	School	-1.62	-0.74	0.00	0.36	0.70	1.05	1.40	2.15	3.02

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.83: Mathematics Grade 12
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	205.81	0.21	4.77	Student	-3.81	-2.29	-1.00	-0.39	0.21	0.81	1.42	2.71	4.22	
	218.72	0.04	0.61	School	-0.47	-0.28	-0.11	-0.04	0.04	0.12	0.20	0.36	0.56	
15	211.00	0.19	4.77	Student	-3.83	-2.32	-1.02	-0.41	0.19	0.78	1.39	2.69	4.20	
	221.44	0.05	0.61	School	-0.47	-0.27	-0.11	-0.03	0.05	0.13	0.21	0.37	0.57	
20	215.12	0.17	4.77	Student	-3.85	-2.34	-1.04	-0.43	0.17	0.77	1.37	2.67	4.18	
	223.60	0.06	0.61	School	-0.46	-0.27	-0.10	-0.02	0.06	0.13	0.21	0.38	0.57	
25	218.66	0.15	4.77	Student	-3.87	-2.35	-1.06	-0.45	0.15	0.75	1.36	2.65	4.17	
	225.45	0.06	0.61	School	-0.45	-0.26	-0.09	-0.02	0.06	0.14	0.22	0.38	0.58	
30	221.84	0.13	4.77	Student	-3.88	-2.37	-1.07	-0.46	0.13	0.73	1.34	2.64	4.15	
	227.12	0.07	0.61	School	-0.45	-0.26	-0.09	-0.01	0.07	0.14	0.22	0.39	0.58	
35	224.78	0.12	4.77	Student	-3.89	-2.38	-1.09	-0.48	0.12	0.72	1.33	2.62	4.14	
	228.66	0.07	0.61	School	-0.45	-0.25	-0.08	-0.01	0.07	0.15	0.23	0.39	0.59	
40	227.57	0.11	4.77	Student	-3.91	-2.39	-1.10	-0.49	0.11	0.71	1.32	2.61	4.12	
	230.12	0.07	0.61	School	-0.44	-0.25	-0.08	-0.00	0.07	0.15	0.23	0.40	0.59	
45	230.27	0.10	4.77	Student	-3.92	-2.41	-1.11	-0.50	0.10	0.70	1.30	2.60	4.11	
	231.54	0.08	0.61	School	-0.44	-0.24	-0.08	0.00	0.08	0.16	0.23	0.40	0.59	
50	232.93	0.08	4.77	Student	-3.93	-2.42	-1.13	-0.52	0.08	0.68	1.29	2.59	4.10	
	232.93	0.08	0.61	School	-0.43	-0.24	-0.07	0.01	0.08	0.16	0.24	0.40	0.60	
55	235.59	0.07	4.77	Student	-3.94	-2.43	-1.14	-0.53	0.07	0.67	1.28	2.57	4.09	
	234.33	0.09	0.61	School	-0.43	-0.23	-0.07	0.01	0.09	0.16	0.24	0.41	0.60	
60	238.29	0.06	4.77	Student	-3.96	-2.44	-1.15	-0.54	0.06	0.66	1.27	2.56	4.07	
	235.74	0.09	0.61	School	-0.42	-0.23	-0.06	0.01	0.09	0.17	0.25	0.41	0.61	
65	241.09	0.05	4.77	Student	-3.97	-2.46	-1.16	-0.55	0.05	0.64	1.25	2.55	4.06	
	237.21	0.10	0.61	School	-0.42	-0.23	-0.06	0.02	0.10	0.17	0.25	0.42	0.61	
70	244.03	0.03	4.77	Student	-3.98	-2.47	-1.18	-0.57	0.03	0.63	1.24	2.53	4.05	
	238.75	0.10	0.61	School	-0.42	-0.22	-0.06	0.02	0.10	0.18	0.26	0.42	0.62	
75	247.20	0.02	4.77	Student	-4.00	-2.49	-1.19	-0.58	0.02	0.62	1.23	2.52	4.03	
	240.41	0.10	0.61	School	-0.41	-0.22	-0.05	0.03	0.10	0.18	0.26	0.43	0.62	
80	250.74	0.00	4.77	Student	-4.02	-2.50	-1.21	-0.60	0.00	0.60	1.21	2.50	4.02	
	242.27	0.11	0.61	School	-0.41	-0.21	-0.05	0.03	0.11	0.19	0.27	0.43	0.63	
85	254.86	-0.02	4.77	Student	-4.03	-2.52	-1.23	-0.62	-0.02	0.58	1.19	2.48	4.00	
	244.43	0.12	0.61	School	-0.40	-0.21	-0.04	0.04	0.12	0.19	0.27	0.44	0.63	
90	260.05	-0.04	4.77	Student	-4.06	-2.55	-1.25	-0.64	-0.04	0.56	1.17	2.46	3.97	
	247.14	0.12	0.61	School	-0.39	-0.20	-0.03	0.05	0.12	0.20	0.28	0.45	0.64	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.84: Mathematics Grade 12
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	205.81	-0.08	10.66	Student	-9.05	-5.67	-2.78	-1.42	-0.08	1.26	2.62	5.51	8.89	
	218.72	1.08	2.75	School	-1.24	-0.37	0.38	0.73	1.08	1.42	1.77	2.52	3.39	
15	211.00	0.18	10.66	Student	-8.79	-5.41	-2.52	-1.16	0.18	1.51	2.88	5.76	9.15	
	221.44	1.11	2.75	School	-1.21	-0.33	0.41	0.76	1.11	1.46	1.81	2.55	3.43	
20	215.12	0.38	10.66	Student	-8.59	-5.21	-2.32	-0.96	0.38	1.72	3.08	5.97	9.35	
	223.60	1.14	2.75	School	-1.18	-0.31	0.44	0.79	1.14	1.48	1.84	2.58	3.46	
25	218.66	0.55	10.66	Student	-8.42	-5.03	-2.15	-0.79	0.55	1.89	3.25	6.14	9.52	
	225.45	1.16	2.75	School	-1.16	-0.28	0.46	0.82	1.16	1.51	1.86	2.61	3.48	
30	221.84	0.71	10.66	Student	-8.26	-4.88	-1.99	-0.63	0.71	2.05	3.41	6.30	9.68	
	227.12	1.18	2.75	School	-1.13	-0.26	0.49	0.84	1.18	1.53	1.88	2.63	3.50	
35	224.78	0.86	10.66	Student	-8.11	-4.73	-1.84	-0.48	0.86	2.20	3.56	6.44	9.83	
	228.66	1.20	2.75	School	-1.11	-0.24	0.51	0.86	1.20	1.55	1.90	2.65	3.52	
40	227.57	0.99	10.66	Student	-7.98	-4.59	-1.71	-0.35	0.99	2.33	3.69	6.58	9.96	
	230.12	1.22	2.75	School	-1.10	-0.22	0.52	0.88	1.22	1.57	1.92	2.67	3.54	
45	230.27	1.13	10.66	Student	-7.84	-4.46	-1.57	-0.21	1.13	2.47	3.83	6.72	10.10	
	231.54	1.24	2.75	School	-1.08	-0.20	0.54	0.89	1.24	1.59	1.94	2.69	3.56	
50	232.93	1.26	10.66	Student	-7.71	-4.33	-1.44	-0.08	1.26	2.60	3.96	6.85	10.23	
	232.93	1.26	2.75	School	-1.06	-0.19	0.56	0.91	1.26	1.61	1.96	2.70	3.58	
55	235.59	1.39	10.66	Student	-7.58	-4.20	-1.31	0.05	1.39	2.73	4.09	6.98	10.36	
	234.33	1.28	2.75	School	-1.04	-0.17	0.58	0.93	1.28	1.62	1.97	2.72	3.60	
60	238.29	1.52	10.66	Student	-7.45	-4.06	-1.18	0.18	1.52	2.86	4.22	7.11	10.49	
	235.74	1.30	2.75	School	-1.02	-0.15	0.60	0.95	1.30	1.64	1.99	2.74	3.61	
65	241.09	1.66	10.66	Student	-7.31	-3.93	-1.04	0.32	1.66	3.00	4.36	7.25	10.63	
	237.21	1.31	2.75	School	-1.00	-0.13	0.62	0.97	1.31	1.66	2.01	2.76	3.63	
70	244.03	1.81	10.66	Student	-7.16	-3.78	-0.89	0.47	1.81	3.15	4.51	7.40	10.78	
	238.75	1.33	2.75	School	-0.98	-0.11	0.64	0.99	1.33	1.68	2.03	2.78	3.65	
75	247.20	1.96	10.66	Student	-7.01	-3.62	-0.74	0.62	1.96	3.30	4.66	7.55	10.93	
	240.41	1.36	2.75	School	-0.96	-0.09	0.66	1.01	1.36	1.70	2.05	2.80	3.67	
80	250.74	2.14	10.66	Student	-6.83	-3.45	-0.56	0.80	2.14	3.48	4.84	7.73	11.11	
	242.27	1.38	2.75	School	-0.94	-0.06	0.68	1.03	1.38	1.73	2.08	2.82	3.70	
85	254.86	2.34	10.66	Student	-6.63	-3.25	-0.36	1.00	2.34	3.68	5.04	7.93	11.31	
	244.43	1.41	2.75	School	-0.91	-0.04	0.71	1.06	1.41	1.75	2.11	2.85	3.73	
90	260.05	2.60	10.66	Student	-6.37	-2.99	-0.10	1.26	2.60	3.94	5.30	8.19	11.57	
	247.14	1.44	2.75	School	-0.88	-0.00	0.74	1.10	1.44	1.79	2.14	2.89	3.76	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.85: Mathematics Grade 12
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	205.34	-0.56	6.05	Student	-5.65	-3.73	-2.09	-1.32	-0.56	0.21	0.98	2.62	4.54	
	218.74	0.13	1.22	School	-0.90	-0.51	-0.18	-0.02	0.13	0.28	0.44	0.77	1.16	
15	210.63	-0.39	6.05	Student	-5.49	-3.57	-1.93	-1.15	-0.39	0.37	1.14	2.78	4.70	
	221.47	0.16	1.22	School	-0.86	-0.48	-0.15	0.01	0.16	0.32	0.47	0.80	1.19	
20	214.84	-0.26	6.05	Student	-5.36	-3.44	-1.80	-1.02	-0.26	0.50	1.27	2.91	4.83	
	223.64	0.19	1.22	School	-0.84	-0.45	-0.12	0.03	0.19	0.34	0.50	0.83	1.21	
25	218.45	-0.15	6.05	Student	-5.25	-3.33	-1.69	-0.91	-0.15	0.61	1.38	3.02	4.94	
	225.50	0.21	1.22	School	-0.82	-0.43	-0.10	0.06	0.21	0.36	0.52	0.85	1.24	
30	221.69	-0.05	6.05	Student	-5.15	-3.23	-1.59	-0.81	-0.05	0.71	1.48	3.12	5.04	
	227.17	0.23	1.22	School	-0.80	-0.41	-0.08	0.08	0.23	0.38	0.54	0.87	1.25	
35	224.69	0.04	6.05	Student	-5.05	-3.13	-1.49	-0.72	0.04	0.80	1.57	3.22	5.14	
	228.72	0.25	1.22	School	-0.78	-0.39	-0.06	0.09	0.25	0.40	0.56	0.89	1.27	
40	227.54	0.13	6.05	Student	-4.97	-3.05	-1.40	-0.63	0.13	0.89	1.66	3.30	5.22	
	230.19	0.26	1.22	School	-0.76	-0.37	-0.04	0.11	0.26	0.42	0.57	0.90	1.29	
45	230.30	0.21	6.05	Student	-4.88	-2.96	-1.32	-0.55	0.21	0.97	1.75	3.39	5.31	
	231.62	0.28	1.22	School	-0.74	-0.36	-0.03	0.13	0.28	0.43	0.59	0.92	1.31	
50	233.02	0.30	6.05	Student	-4.80	-2.88	-1.24	-0.46	0.30	1.06	1.83	3.47	5.39	
	233.02	0.30	1.22	School	-0.73	-0.34	-0.01	0.14	0.30	0.45	0.61	0.94	1.32	
55	235.73	0.38	6.05	Student	-4.71	-2.79	-1.15	-0.38	0.38	1.14	1.92	3.56	5.48	
	234.42	0.31	1.22	School	-0.71	-0.33	0.01	0.16	0.31	0.47	0.62	0.95	1.34	
60	238.49	0.47	6.05	Student	-4.63	-2.71	-1.07	-0.29	0.47	1.23	2.00	3.64	5.56	
	235.84	0.33	1.22	School	-0.70	-0.31	0.02	0.18	0.33	0.48	0.64	0.97	1.36	
65	241.34	0.55	6.05	Student	-4.54	-2.62	-0.98	-0.21	0.55	1.31	2.09	3.73	5.65	
	237.31	0.35	1.22	School	-0.68	-0.29	0.04	0.19	0.35	0.50	0.66	0.99	1.37	
70	244.34	0.65	6.05	Student	-4.45	-2.53	-0.89	-0.11	0.65	1.41	2.18	3.82	5.74	
	238.86	0.37	1.22	School	-0.66	-0.27	0.06	0.21	0.37	0.52	0.67	1.01	1.39	
75	247.58	0.75	6.05	Student	-4.35	-2.43	-0.79	-0.01	0.75	1.51	2.28	3.92	5.84	
	240.53	0.39	1.22	School	-0.64	-0.25	0.08	0.23	0.39	0.54	0.69	1.02	1.41	
80	251.19	0.86	6.05	Student	-4.24	-2.32	-0.68	0.10	0.86	1.62	2.39	4.03	5.95	
	242.39	0.41	1.22	School	-0.62	-0.23	0.10	0.25	0.41	0.56	0.72	1.05	1.43	
85	255.40	0.99	6.05	Student	-4.11	-2.19	-0.55	0.23	0.99	1.75	2.52	4.16	6.08	
	244.56	0.43	1.22	School	-0.59	-0.21	0.12	0.28	0.43	0.59	0.74	1.07	1.46	
90	260.69	1.15	6.05	Student	-3.94	-2.02	-0.38	0.39	1.15	1.91	2.68	4.33	6.25	
	247.29	0.47	1.22	School	-0.56	-0.17	0.16	0.31	0.47	0.62	0.77	1.10	1.49	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.86: Mathematics Grade 12
Fall To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	205.34	-0.72	8.62	Student	-7.97	-5.24	-2.90	-1.80	-0.72	0.37	1.47	3.80	6.54	
	218.74	0.88	2.14	School	-0.92	-0.24	0.34	0.62	0.88	1.15	1.43	2.01	2.68	
15	210.63	-0.36	8.62	Student	-7.61	-4.88	-2.54	-1.44	-0.36	0.73	1.83	4.17	6.90	
	221.47	0.94	2.14	School	-0.86	-0.18	0.40	0.67	0.94	1.21	1.48	2.06	2.74	
20	214.84	-0.07	8.62	Student	-7.32	-4.59	-2.25	-1.15	-0.07	1.02	2.12	4.45	7.19	
	223.64	0.98	2.14	School	-0.82	-0.14	0.44	0.72	0.98	1.25	1.53	2.11	2.78	
25	218.45	0.18	8.62	Student	-7.08	-4.34	-2.00	-0.90	0.18	1.26	2.36	4.70	7.44	
	225.50	1.02	2.14	School	-0.78	-0.10	0.48	0.75	1.02	1.29	1.56	2.14	2.82	
30	221.69	0.40	8.62	Student	-6.85	-4.12	-1.78	-0.68	0.40	1.48	2.59	4.92	7.66	
	227.17	1.06	2.14	School	-0.74	-0.06	0.51	0.79	1.06	1.33	1.60	2.18	2.86	
35	224.69	0.61	8.62	Student	-6.65	-3.91	-1.58	-0.48	0.61	1.69	2.79	5.13	7.86	
	228.72	1.09	2.14	School	-0.71	-0.03	0.55	0.82	1.09	1.36	1.63	2.21	2.89	
40	227.54	0.80	8.62	Student	-6.45	-3.72	-1.38	-0.28	0.80	1.88	2.99	5.32	8.06	
	230.19	1.12	2.14	School	-0.68	-0.00	0.58	0.85	1.12	1.39	1.66	2.24	2.92	
45	230.30	0.99	8.62	Student	-6.27	-3.53	-1.19	-0.09	0.99	2.07	3.17	5.51	8.25	
	231.62	1.15	2.14	School	-0.65	0.03	0.61	0.88	1.15	1.42	1.69	2.27	2.95	
50	233.02	1.18	8.62	Student	-6.08	-3.34	-1.01	0.09	1.18	2.26	3.36	5.70	8.43	
	233.02	1.18	2.14	School	-0.62	0.05	0.63	0.91	1.18	1.44	1.72	2.30	2.98	
55	235.73	1.36	8.62	Student	-5.89	-3.16	-0.82	0.28	1.36	2.44	3.55	5.88	8.62	
	234.42	1.20	2.14	School	-0.59	0.08	0.66	0.94	1.20	1.47	1.75	2.33	3.00	
60	238.49	1.55	8.62	Student	-5.71	-2.97	-0.63	0.47	1.55	2.63	3.73	6.07	8.81	
	235.84	1.23	2.14	School	-0.57	0.11	0.69	0.96	1.23	1.50	1.78	2.35	3.03	
65	241.34	1.75	8.62	Student	-5.51	-2.78	-0.44	0.66	1.75	2.83	3.93	6.27	9.00	
	237.31	1.26	2.14	School	-0.54	0.14	0.72	1.00	1.26	1.53	1.81	2.38	3.06	
70	244.34	1.95	8.62	Student	-5.31	-2.57	-0.23	0.87	1.95	3.03	4.13	6.47	9.21	
	238.86	1.30	2.14	School	-0.50	0.17	0.75	1.03	1.30	1.56	1.84	2.42	3.09	
75	247.58	2.17	8.62	Student	-5.08	-2.35	-0.01	1.09	2.17	3.26	4.36	6.69	9.43	
	240.53	1.33	2.14	School	-0.47	0.21	0.79	1.06	1.33	1.60	1.87	2.45	3.13	
80	251.19	2.42	8.62	Student	-4.84	-2.10	0.23	1.34	2.42	3.50	4.60	6.94	9.67	
	242.39	1.37	2.14	School	-0.43	0.25	0.83	1.10	1.37	1.64	1.91	2.49	3.17	
85	255.40	2.71	8.62	Student	-4.55	-1.81	0.52	1.62	2.71	3.79	4.89	7.23	9.96	
	244.56	1.41	2.14	School	-0.39	0.29	0.87	1.14	1.41	1.68	1.95	2.53	3.21	
90	260.69	3.07	8.62	Student	-4.19	-1.45	0.88	1.99	3.07	4.15	5.25	7.59	10.32	
	247.29	1.47	2.14	School	-0.33	0.35	0.93	1.20	1.47	1.74	2.01	2.59	3.27	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.1.87: Mathematics Grade 12
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	203.75	-0.39	5.27	Student	-4.83	-3.15	-1.73	-1.05	-0.39	0.27	0.94	2.37	4.05	
	218.79	0.63	0.91	School	-0.14	0.15	0.40	0.51	0.63	0.74	0.86	1.11	1.40	
15	209.40	-0.15	5.27	Student	-4.58	-2.91	-1.48	-0.81	-0.15	0.51	1.19	2.62	4.29	
	221.56	0.68	0.91	School	-0.09	0.20	0.45	0.56	0.68	0.79	0.91	1.16	1.44	
20	213.90	0.05	5.27	Student	-4.39	-2.72	-1.29	-0.62	0.05	0.71	1.38	2.81	4.48	
	223.77	0.71	0.91	School	-0.05	0.24	0.48	0.60	0.71	0.83	0.95	1.19	1.48	
25	217.75	0.21	5.27	Student	-4.23	-2.55	-1.12	-0.45	0.21	0.87	1.55	2.97	4.65	
	225.67	0.75	0.91	School	-0.02	0.27	0.52	0.63	0.75	0.86	0.98	1.23	1.52	
30	221.22	0.36	5.27	Student	-4.08	-2.41	-0.98	-0.30	0.36	1.02	1.69	3.12	4.80	
	227.37	0.78	0.91	School	0.01	0.30	0.54	0.66	0.78	0.89	1.01	1.26	1.54	
35	224.42	0.50	5.27	Student	-3.94	-2.27	-0.84	-0.17	0.50	1.16	1.83	3.26	4.93	
	228.95	0.80	0.91	School	0.03	0.32	0.57	0.69	0.80	0.92	1.03	1.28	1.57	
40	227.47	0.63	5.27	Student	-3.81	-2.14	-0.71	-0.03	0.63	1.29	1.96	3.39	5.06	
	230.44	0.83	0.91	School	0.06	0.35	0.60	0.71	0.83	0.94	1.06	1.31	1.60	
45	230.41	0.75	5.27	Student	-3.68	-2.01	-0.58	0.09	0.75	1.42	2.09	3.52	5.19	
	231.89	0.85	0.91	School	0.09	0.38	0.62	0.74	0.85	0.97	1.09	1.33	1.62	
50	233.31	0.88	5.27	Student	-3.56	-1.89	-0.46	0.22	0.88	1.54	2.21	3.64	5.31	
	233.31	0.88	0.91	School	0.11	0.40	0.65	0.76	0.88	0.99	1.11	1.36	1.65	
55	236.21	1.00	5.27	Student	-3.43	-1.76	-0.33	0.34	1.00	1.67	2.34	3.77	5.44	
	234.74	0.90	0.91	School	0.13	0.42	0.67	0.79	0.90	1.02	1.13	1.38	1.67	
60	239.16	1.13	5.27	Student	-3.31	-1.64	-0.21	0.47	1.13	1.79	2.46	3.89	5.57	
	236.18	0.93	0.91	School	0.16	0.45	0.70	0.81	0.93	1.04	1.16	1.41	1.70	
65	242.20	1.26	5.27	Student	-3.18	-1.50	-0.08	0.60	1.26	1.92	2.60	4.02	5.70	
	237.68	0.95	0.91	School	0.18	0.47	0.72	0.84	0.95	1.07	1.18	1.43	1.72	
70	245.41	1.40	5.27	Student	-3.04	-1.37	0.06	0.74	1.40	2.06	2.73	4.16	5.83	
	239.26	0.98	0.91	School	0.21	0.50	0.75	0.87	0.98	1.10	1.21	1.46	1.75	
75	248.87	1.55	5.27	Student	-2.89	-1.22	0.21	0.88	1.55	2.21	2.88	4.31	5.98	
	240.96	1.01	0.91	School	0.24	0.53	0.78	0.89	1.01	1.12	1.24	1.49	1.78	
80	252.73	1.71	5.27	Student	-2.72	-1.05	0.38	1.05	1.71	2.37	3.05	4.48	6.15	
	242.85	1.04	0.91	School	0.27	0.56	0.81	0.93	1.04	1.16	1.27	1.52	1.81	
85	257.22	1.90	5.27	Student	-2.53	-0.86	0.57	1.24	1.90	2.57	3.24	4.67	6.34	
	245.06	1.08	0.91	School	0.31	0.60	0.85	0.97	1.08	1.19	1.31	1.56	1.85	
90	262.88	2.15	5.27	Student	-2.29	-0.62	0.81	1.48	2.15	2.81	3.48	4.91	6.58	
	247.84	1.13	0.91	School	0.36	0.65	0.90	1.01	1.13	1.24	1.36	1.61	1.90	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Appendix E.2 - Reading

Table E.2.1: Reading Grade K
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	120.98	11.92	5.46	Student	7.32	9.06	10.54	11.24	11.92	12.61	13.31	14.79	16.52	
	129.92	10.03	1.39	School	8.86	9.30	9.68	9.85	10.03	10.20	10.38	10.76	11.20	
15	123.98	11.49	5.46	Student	6.89	8.62	10.10	10.80	11.49	12.17	12.87	14.35	16.08	
	131.21	9.95	1.39	School	8.78	9.22	9.60	9.78	9.95	10.13	10.31	10.68	11.13	
20	126.36	11.14	5.46	Student	6.54	8.27	9.75	10.45	11.14	11.82	12.52	14.00	15.74	
	132.23	9.89	1.39	School	8.72	9.16	9.54	9.72	9.89	10.07	10.25	10.62	11.06	
25	128.40	10.84	5.46	Student	6.24	7.97	9.45	10.15	10.84	11.52	12.22	13.70	15.44	
	133.11	9.84	1.39	School	8.67	9.11	9.49	9.67	9.84	10.02	10.19	10.57	11.01	
30	130.24	10.57	5.46	Student	5.97	7.70	9.19	9.88	10.57	11.26	11.95	13.44	15.17	
	133.89	9.79	1.39	School	8.62	9.06	9.44	9.62	9.79	9.97	10.15	10.53	10.97	
35	131.94	10.32	5.46	Student	5.72	7.46	8.94	9.63	10.32	11.01	11.71	13.19	14.92	
	134.62	9.75	1.39	School	8.58	9.02	9.40	9.58	9.75	9.93	10.10	10.48	10.92	
40	133.55	10.09	5.46	Student	5.49	7.22	8.70	9.40	10.09	10.77	11.47	12.95	14.68	
	135.32	9.71	1.39	School	8.54	8.98	9.36	9.54	9.71	9.89	10.06	10.44	10.88	
45	135.11	9.86	5.46	Student	5.26	6.99	8.47	9.17	9.86	10.54	11.24	12.72	14.46	
	135.99	9.67	1.39	School	8.50	8.94	9.32	9.50	9.67	9.85	10.02	10.40	10.84	
50	136.65	9.63	5.46	Student	5.03	6.77	8.25	8.95	9.63	10.32	11.02	12.50	14.23	
	136.65	9.63	1.39	School	8.46	8.90	9.28	9.46	9.63	9.81	9.99	10.36	10.80	
55	138.18	9.41	5.46	Student	4.81	6.54	8.02	8.72	9.41	10.09	10.79	12.27	14.01	
	137.31	9.59	1.39	School	8.42	8.86	9.24	9.42	9.59	9.77	9.95	10.32	10.77	
60	139.74	9.18	5.46	Student	4.58	6.31	7.80	8.49	9.18	9.87	10.56	12.04	13.78	
	137.98	9.55	1.39	School	8.38	8.82	9.20	9.38	9.55	9.73	9.91	10.28	10.73	
65	141.36	8.94	5.46	Student	4.35	6.08	7.56	8.26	8.94	9.63	10.33	11.81	13.54	
	138.67	9.51	1.39	School	8.34	8.78	9.16	9.34	9.51	9.69	9.87	10.24	10.69	
70	143.06	8.70	5.46	Student	4.10	5.83	7.31	8.01	8.70	9.38	10.08	11.56	13.29	
	139.40	9.47	1.39	School	8.30	8.74	9.12	9.30	9.47	9.65	9.82	10.20	10.64	
75	144.89	8.43	5.46	Student	3.83	5.56	7.04	7.74	8.43	9.11	9.81	11.29	13.03	
	140.19	9.42	1.39	School	8.25	8.69	9.07	9.25	9.42	9.60	9.78	10.15	10.60	
80	146.93	8.13	5.46	Student	3.53	5.26	6.74	7.44	8.13	8.81	9.51	10.99	12.73	
	141.07	9.37	1.39	School	8.20	8.64	9.02	9.20	9.37	9.55	9.73	10.10	10.54	
85	149.31	7.78	5.46	Student	3.18	4.91	6.40	7.09	7.78	8.47	9.16	10.65	12.38	
	142.09	9.31	1.39	School	8.14	8.58	8.96	9.14	9.31	9.49	9.67	10.04	10.48	
90	152.31	7.34	5.46	Student	2.74	4.48	5.96	6.66	7.34	8.03	8.73	10.21	11.94	
	143.38	9.24	1.39	School	8.06	8.51	8.88	9.06	9.24	9.41	9.59	9.97	10.41	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.2: Reading Grade K
Fall To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth								
		Mean	SD		20	30	40	45	50	55	60	70	80
10	120.98	19.60	7.09	Student	13.63	15.88	17.80	18.71	19.60	20.49	21.39	23.31	25.56
	129.92	17.14	2.43	School	15.09	15.86	16.52	16.83	17.14	17.44	17.75	18.41	19.19
15	123.98	18.99	7.09	Student	13.03	15.28	17.20	18.10	18.99	19.89	20.79	22.71	24.96
	131.21	17.00	2.43	School	14.96	15.73	16.39	16.70	17.00	17.31	17.62	18.28	19.05
20	126.36	18.52	7.09	Student	12.55	14.80	16.72	17.62	18.52	19.41	20.31	22.23	24.48
	132.23	16.90	2.43	School	14.85	15.62	16.28	16.59	16.90	17.21	17.52	18.18	18.95
25	128.40	18.10	7.09	Student	12.14	14.39	16.31	17.21	18.10	18.99	19.90	21.82	24.07
	133.11	16.81	2.43	School	14.76	15.53	16.19	16.50	16.81	17.12	17.43	18.09	18.86
30	130.24	17.73	7.09	Student	11.77	14.02	15.94	16.84	17.73	18.63	19.53	21.45	23.70
	133.89	16.73	2.43	School	14.68	15.45	16.11	16.42	16.73	17.03	17.35	18.01	18.78
35	131.94	17.39	7.09	Student	11.43	13.68	15.60	16.50	17.39	18.28	19.19	21.11	23.36
	134.62	16.65	2.43	School	14.60	15.38	16.04	16.35	16.65	16.96	17.27	17.93	18.70
40	133.55	17.07	7.09	Student	11.10	13.35	15.27	16.18	17.07	17.96	18.86	20.78	23.03
	135.32	16.58	2.43	School	14.53	15.31	15.97	16.28	16.58	16.89	17.20	17.86	18.63
45	135.11	16.75	7.09	Student	10.79	13.04	14.96	15.86	16.75	17.64	18.55	20.47	22.72
	135.99	16.51	2.43	School	14.46	15.24	15.90	16.21	16.51	16.82	17.13	17.79	18.56
50	136.65	16.45	7.09	Student	10.48	12.73	14.65	15.55	16.45	17.34	18.24	20.16	22.41
	136.65	16.45	2.43	School	14.40	15.17	15.83	16.14	16.45	16.75	17.06	17.72	18.49
55	138.18	16.14	7.09	Student	10.17	12.42	14.34	15.25	16.14	17.03	17.93	19.85	22.10
	137.31	16.38	2.43	School	14.33	15.10	15.76	16.07	16.38	16.68	16.99	17.65	18.43
60	139.74	15.82	7.09	Student	9.86	12.11	14.03	14.93	15.82	16.71	17.62	19.54	21.79
	137.98	16.31	2.43	School	14.26	15.03	15.69	16.00	16.31	16.61	16.93	17.59	18.36
65	141.36	15.50	7.09	Student	9.53	11.78	13.70	14.61	15.50	16.39	17.29	19.21	21.46
	138.67	16.24	2.43	School	14.19	14.96	15.62	15.93	16.24	16.54	16.85	17.51	18.29
70	143.06	15.16	7.09	Student	9.19	11.44	13.36	14.26	15.16	16.05	16.95	18.87	21.12
	139.40	16.16	2.43	School	14.11	14.89	15.55	15.86	16.16	16.47	16.78	17.44	18.21
75	144.89	14.79	7.09	Student	8.82	11.07	12.99	13.90	14.79	15.68	16.58	18.50	20.75
	140.19	16.08	2.43	School	14.03	14.80	15.46	15.77	16.08	16.39	16.70	17.36	18.13
80	146.93	14.37	7.09	Student	8.41	10.66	12.58	13.48	14.37	15.27	16.17	18.09	20.34
	141.07	15.99	2.43	School	13.94	14.71	15.37	15.68	15.99	16.30	16.61	17.27	18.04
85	149.31	13.90	7.09	Student	7.93	10.18	12.10	13.01	13.90	14.79	15.69	17.61	19.86
	142.09	15.89	2.43	School	13.84	14.61	15.27	15.58	15.89	16.19	16.50	17.16	17.93
90	152.31	13.29	7.09	Student	7.33	9.58	11.50	12.40	13.29	14.18	15.09	17.01	19.26
	143.38	15.75	2.43	School	13.70	14.48	15.14	15.45	15.75	16.06	16.37	17.03	17.80

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.3: Reading Grade K
Fall To N Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	120.98	24.57	8.39	Student	17.51	20.17	22.44	23.51	24.57	25.62	26.69	28.97	31.63	
	129.92	21.73	3.13	School	19.10	20.09	20.94	21.34	21.73	22.12	22.52	23.37	24.37	
15	123.98	23.86	8.39	Student	16.80	19.46	21.73	22.80	23.86	24.91	25.98	28.25	30.91	
	131.21	21.56	3.13	School	18.93	19.92	20.77	21.17	21.56	21.95	22.35	23.20	24.19	
20	126.36	23.29	8.39	Student	16.23	18.89	21.16	22.23	23.29	24.34	25.41	27.69	30.35	
	132.23	21.43	3.13	School	18.79	19.78	20.63	21.03	21.43	21.82	22.22	23.07	24.06	
25	128.40	22.80	8.39	Student	15.74	18.40	20.68	21.75	22.80	23.86	24.93	27.20	29.86	
	133.11	21.31	3.13	School	18.68	19.67	20.52	20.92	21.31	21.70	22.10	22.95	23.94	
30	130.24	22.37	8.39	Student	15.31	17.97	20.24	21.31	22.37	23.42	24.49	26.76	29.43	
	133.89	21.21	3.13	School	18.57	19.56	20.41	20.81	21.21	21.60	22.00	22.85	23.84	
35	131.94	21.96	8.39	Student	14.90	17.56	19.84	20.91	21.96	23.02	24.09	26.36	29.02	
	134.62	21.11	3.13	School	18.48	19.47	20.32	20.72	21.11	21.50	21.90	22.75	23.74	
40	133.55	21.58	8.39	Student	14.52	17.18	19.45	20.52	21.58	22.63	23.70	25.98	28.64	
	135.32	21.02	3.13	School	18.38	19.38	20.22	20.62	21.02	21.41	21.81	22.66	23.65	
45	135.11	21.21	8.39	Student	14.15	16.81	19.08	20.15	21.21	22.26	23.33	25.61	28.27	
	135.99	20.93	3.13	School	18.30	19.29	20.14	20.54	20.93	21.32	21.72	22.57	23.56	
50	136.65	20.84	8.39	Student	13.78	16.44	18.72	19.79	20.84	21.90	22.97	25.24	27.90	
	136.65	20.84	3.13	School	18.21	19.20	20.05	20.45	20.84	21.23	21.63	22.48	23.48	
55	138.18	20.48	8.39	Student	13.42	16.08	18.35	19.42	20.48	21.53	22.60	24.87	27.54	
	137.31	20.75	3.13	School	18.12	19.11	19.96	20.36	20.75	21.15	21.55	22.40	23.39	
60	139.74	20.10	8.39	Student	13.05	15.71	17.98	19.05	20.10	21.16	22.23	24.50	27.16	
	137.98	20.67	3.13	School	18.03	19.02	19.87	20.27	20.67	21.06	21.46	22.31	23.30	
65	141.36	19.72	8.39	Student	12.66	15.32	17.60	18.67	19.72	20.78	21.85	24.12	26.78	
	138.67	20.57	3.13	School	17.94	18.93	19.78	20.18	20.57	20.97	21.37	22.22	23.21	
70	143.06	19.32	8.39	Student	12.26	14.92	17.19	18.26	19.32	20.37	21.44	23.72	26.38	
	139.40	20.48	3.13	School	17.84	18.84	19.68	20.08	20.48	20.87	21.27	22.12	23.11	
75	144.89	18.88	8.39	Student	11.82	14.48	16.76	17.83	18.88	19.93	21.01	23.28	25.94	
	140.19	20.37	3.13	School	17.74	18.73	19.58	19.98	20.37	20.77	21.17	22.01	23.01	
80	146.93	18.39	8.39	Student	11.34	14.00	16.27	17.34	18.39	19.45	20.52	22.79	25.45	
	141.07	20.26	3.13	School	17.62	18.62	19.46	19.86	20.26	20.65	21.05	21.90	22.89	
85	149.31	17.83	8.39	Student	10.77	13.43	15.70	16.77	17.83	18.88	19.95	22.23	24.89	
	142.09	20.12	3.13	School	17.49	18.48	19.33	19.73	20.12	20.52	20.91	21.76	22.76	
90	152.31	17.12	8.39	Student	10.06	12.72	14.99	16.06	17.12	18.17	19.24	21.51	24.17	
	143.38	19.95	3.13	School	17.32	18.31	19.16	19.56	19.95	20.35	20.74	21.59	22.59	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.4: Reading Grade K
Winter To Spring Conditional Growth Percentile

Start Status	Growth	Conditional Growth											
		CGP	20	30	40	45	50	55	60	70	80		
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	131.19	7.97	5.22	Student	3.58	5.23	6.65	7.32	7.97	8.63	9.30	10.71	12.37
	139.70	6.74	1.07	School	5.84	6.18	6.47	6.60	6.74	6.87	7.01	7.30	7.63
15	134.07	7.75	5.22	Student	3.35	5.01	6.43	7.09	7.75	8.41	9.07	10.49	12.15
	140.96	6.75	1.07	School	5.85	6.19	6.48	6.62	6.75	6.88	7.02	7.31	7.65
20	136.37	7.57	5.22	Student	3.18	4.83	6.25	6.92	7.57	8.23	8.90	10.31	11.97
	141.96	6.76	1.07	School	5.86	6.20	6.49	6.63	6.76	6.90	7.03	7.32	7.66
25	138.34	7.42	5.22	Student	3.03	4.68	6.10	6.77	7.42	8.08	8.75	10.16	11.82
	142.82	6.77	1.07	School	5.87	6.21	6.50	6.64	6.77	6.91	7.04	7.33	7.67
30	140.10	7.29	5.22	Student	2.89	4.55	5.96	6.63	7.29	7.94	8.61	10.03	11.68
	143.59	6.78	1.07	School	5.88	6.22	6.51	6.65	6.78	6.92	7.05	7.34	7.68
35	141.74	7.16	5.22	Student	2.76	4.42	5.84	6.50	7.16	7.82	8.48	9.90	11.56
	144.30	6.79	1.07	School	5.89	6.23	6.52	6.66	6.79	6.92	7.06	7.35	7.69
40	143.30	7.04	5.22	Student	2.64	4.30	5.72	6.39	7.04	7.70	8.37	9.78	11.44
	144.98	6.80	1.07	School	5.90	6.24	6.53	6.66	6.80	6.93	7.07	7.36	7.70
45	144.80	6.93	5.22	Student	2.53	4.19	5.60	6.27	6.93	7.58	8.25	9.67	11.32
	145.63	6.81	1.07	School	5.91	6.25	6.53	6.67	6.81	6.94	7.08	7.36	7.70
50	146.28	6.81	5.22	Student	2.42	4.07	5.49	6.16	6.81	7.47	8.14	9.55	11.21
	146.28	6.81	1.07	School	5.91	6.25	6.54	6.68	6.81	6.95	7.08	7.37	7.71
55	147.76	6.70	5.22	Student	2.30	3.96	5.38	6.04	6.70	7.36	8.02	9.44	11.10
	146.93	6.82	1.07	School	5.92	6.26	6.55	6.69	6.82	6.95	7.09	7.38	7.72
60	149.26	6.58	5.22	Student	2.19	3.84	5.26	5.93	6.58	7.24	7.91	9.32	10.98
	147.58	6.83	1.07	School	5.93	6.27	6.56	6.69	6.83	6.96	7.10	7.39	7.73
65	150.82	6.46	5.22	Student	2.07	3.72	5.14	5.81	6.46	7.12	7.79	9.20	10.86
	148.26	6.84	1.07	School	5.94	6.28	6.57	6.70	6.84	6.97	7.11	7.40	7.73
70	152.46	6.34	5.22	Student	1.94	3.60	5.01	5.68	6.34	6.99	7.66	9.08	10.74
	148.97	6.84	1.07	School	5.95	6.28	6.57	6.71	6.84	6.98	7.11	7.40	7.74
75	154.22	6.20	5.22	Student	1.81	3.46	4.88	5.55	6.20	6.86	7.53	8.94	10.60
	149.74	6.85	1.07	School	5.96	6.29	6.58	6.72	6.85	6.99	7.12	7.41	7.75
80	156.19	6.05	5.22	Student	1.65	3.31	4.73	5.39	6.05	6.71	7.37	8.79	10.45
	150.60	6.86	1.07	School	5.97	6.30	6.59	6.73	6.86	7.00	7.13	7.42	7.76
85	158.49	5.87	5.22	Student	1.48	3.13	4.55	5.22	5.87	6.53	7.20	8.61	10.27
	151.60	6.87	1.07	School	5.98	6.32	6.60	6.74	6.87	7.01	7.14	7.43	7.77
90	161.37	5.65	5.22	Student	1.26	2.91	4.33	5.00	5.65	6.31	6.98	8.39	10.05
	152.86	6.89	1.07	School	5.99	6.33	6.62	6.76	6.89	7.02	7.16	7.45	7.79

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.5: Reading Grade 1
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth										
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	131.61	20.36	7.56	Student	14.00	16.40	18.45	19.41	20.36	21.31	22.28	24.33	26.73	
	140.98	17.91	2.23	School	16.03	16.73	17.34	17.62	17.91	18.19	18.47	19.08	19.79	
15	134.68	19.95	7.56	Student	13.58	15.98	18.03	19.00	19.95	20.90	21.86	23.91	26.31	
	142.25	17.96	2.23	School	16.08	16.79	17.39	17.68	17.96	18.24	18.53	19.13	19.84	
20	137.12	19.62	7.56	Student	13.25	15.65	17.70	18.67	19.62	20.57	21.53	23.58	25.98	
	143.27	18.00	2.23	School	16.12	16.83	17.44	17.72	18.00	18.28	18.57	19.17	19.88	
25	139.21	19.33	7.56	Student	12.97	15.37	17.42	18.38	19.33	20.28	21.25	23.30	25.70	
	144.14	18.04	2.23	School	16.16	16.87	17.47	17.76	18.04	18.32	18.61	19.21	19.92	
30	141.09	19.08	7.56	Student	12.72	15.11	17.16	18.13	19.08	20.03	21.00	23.04	25.44	
	144.92	18.07	2.23	School	16.19	16.90	17.51	17.79	18.07	18.35	18.64	19.24	19.95	
35	142.83	18.84	7.56	Student	12.48	14.88	16.93	17.89	18.84	19.79	20.76	22.81	25.21	
	145.65	18.10	2.23	School	16.22	16.93	17.54	17.82	18.10	18.38	18.67	19.28	19.98	
40	144.49	18.62	7.56	Student	12.26	14.65	16.70	17.67	18.62	19.57	20.54	22.58	24.98	
	146.34	18.13	2.23	School	16.25	16.96	17.57	17.85	18.13	18.41	18.70	19.31	20.01	
45	146.08	18.40	7.56	Student	12.04	14.44	16.49	17.45	18.40	19.35	20.32	22.37	24.77	
	147.00	18.16	2.23	School	16.28	16.99	17.60	17.88	18.16	18.44	18.73	19.33	20.04	
50	147.66	18.19	7.56	Student	11.83	14.22	16.27	17.24	18.19	19.14	20.11	22.15	24.55	
	147.66	18.19	2.23	School	16.31	17.02	17.62	17.91	18.19	18.47	18.76	19.36	20.07	
55	149.23	17.98	7.56	Student	11.61	14.01	16.06	17.03	17.98	18.93	19.89	21.94	24.34	
	148.31	18.22	2.23	School	16.34	17.05	17.65	17.94	18.22	18.50	18.78	19.39	20.10	
60	150.83	17.76	7.56	Student	11.40	13.79	15.84	16.81	17.76	18.71	19.68	21.73	24.12	
	148.98	18.25	2.23	School	16.37	17.07	17.68	17.97	18.25	18.53	18.81	19.42	20.13	
65	152.48	17.54	7.56	Student	11.17	13.57	15.62	16.59	17.54	18.49	19.45	21.50	23.90	
	149.67	18.28	2.23	School	16.39	17.10	17.71	17.99	18.28	18.56	18.84	19.45	20.16	
70	154.22	17.30	7.56	Student	10.94	13.33	15.38	16.35	17.30	18.25	19.22	21.27	23.66	
	150.39	18.31	2.23	School	16.43	17.13	17.74	18.03	18.31	18.59	18.87	19.48	20.19	
75	156.10	17.05	7.56	Student	10.68	13.08	15.13	16.10	17.05	18.00	18.96	21.01	23.41	
	151.17	18.34	2.23	School	16.46	17.17	17.77	18.06	18.34	18.62	18.91	19.51	20.22	
80	158.20	16.76	7.56	Student	10.40	12.80	14.85	15.81	16.76	17.71	18.68	20.73	23.13	
	152.05	18.38	2.23	School	16.50	17.20	17.81	18.10	18.38	18.66	18.94	19.55	20.26	
85	160.64	16.43	7.56	Student	10.07	12.47	14.52	15.48	16.43	17.38	18.35	20.40	22.80	
	153.06	18.42	2.23	School	16.54	17.25	17.85	18.14	18.42	18.70	18.99	19.59	20.30	
90	163.71	16.02	7.56	Student	9.65	12.05	14.10	15.07	16.02	16.97	17.93	19.98	22.38	
	154.34	18.47	2.23	School	16.59	17.30	17.91	18.19	18.47	18.75	19.04	19.65	20.35	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.6: Reading Grade 1
Last Spring To Fall Conditional Growth Percentile

Start Status %ile	Growth		Conditional Growth										
	RIT	Mean	SD	CGP CGI	20	30	40	45	50	55	60	70	80
10	135.65	7.81	8.10	Student	1.00	3.57	5.76	6.80	7.81	8.83	9.87	12.06	14.63
	146.04	4.16	3.06	School	1.59	2.56	3.38	3.78	4.16	4.54	4.94	5.76	6.73
15	139.15	6.69	8.10	Student	-0.13	2.44	4.64	5.67	6.69	7.71	8.74	10.94	13.51
	147.56	3.74	3.06	School	1.16	2.13	2.96	3.35	3.74	4.12	4.51	5.34	6.31
20	141.94	5.80	8.10	Student	-1.02	1.55	3.75	4.78	5.80	6.82	7.85	10.05	12.62
	148.77	3.40	3.06	School	0.82	1.79	2.62	3.01	3.40	3.78	4.17	5.00	5.97
25	144.33	5.03	8.10	Student	-1.79	0.78	2.98	4.01	5.03	6.05	7.09	9.28	11.85
	149.81	3.11	3.06	School	0.53	1.51	2.33	2.73	3.11	3.49	3.88	4.71	5.68
30	146.48	4.35	8.10	Student	-2.47	0.10	2.29	3.33	4.35	5.36	6.40	8.59	11.16
	150.74	2.85	3.06	School	0.28	1.25	2.07	2.47	2.85	3.23	3.63	4.45	5.42
35	148.47	3.71	8.10	Student	-3.11	-0.54	1.66	2.69	3.71	4.73	5.76	7.96	10.53
	151.60	2.61	3.06	School	0.03	1.00	1.83	2.22	2.61	2.99	3.38	4.21	5.18
40	150.36	3.10	8.10	Student	-3.72	-1.15	1.05	2.09	3.10	4.12	5.16	7.35	9.92
	152.42	2.38	3.06	School	-0.19	0.78	1.61	2.00	2.38	2.77	3.16	3.99	4.96
45	152.19	2.52	8.10	Student	-4.30	-1.73	0.47	1.50	2.52	3.54	4.57	6.77	9.34
	153.21	2.16	3.06	School	-0.41	0.56	1.39	1.78	2.16	2.54	2.94	3.76	4.74
50	153.99	1.94	8.10	Student	-4.88	-2.31	-0.11	0.92	1.94	2.96	4.00	6.19	8.76
	153.99	1.94	3.06	School	-0.63	0.34	1.17	1.56	1.94	2.33	2.72	3.55	4.52
55	155.79	1.37	8.10	Student	-5.45	-2.88	-0.69	0.35	1.37	2.39	3.42	5.62	8.19
	154.77	1.73	3.06	School	-0.85	0.12	0.95	1.34	1.73	2.11	2.50	3.33	4.30
60	157.61	0.78	8.10	Student	-6.04	-3.47	-1.27	-0.24	0.78	1.80	2.83	5.03	7.60
	155.56	1.50	3.06	School	-1.07	-0.10	0.73	1.12	1.50	1.89	2.28	3.11	4.08
65	159.50	0.18	8.10	Student	-6.64	-4.07	-1.88	-0.84	0.18	1.20	2.23	4.43	7.00
	156.38	1.28	3.06	School	-1.30	-0.33	0.50	0.89	1.28	1.66	2.05	2.88	3.85
70	161.49	-0.46	8.10	Student	-7.28	-4.71	-2.51	-1.48	-0.46	0.56	1.59	3.79	6.36
	157.24	1.04	3.06	School	-1.54	-0.57	0.26	0.65	1.04	1.42	1.81	2.64	3.61
75	163.64	-1.15	8.10	Student	-7.97	-5.40	-3.20	-2.17	-1.15	-0.13	0.91	3.10	5.67
	158.17	0.78	3.06	School	-1.80	-0.83	0.00	0.39	0.78	1.16	1.55	2.38	3.35
80	166.03	-1.91	8.10	Student	-8.73	-6.16	-3.97	-2.93	-1.91	-0.89	0.14	2.34	4.91
	159.21	0.49	3.06	School	-2.09	-1.12	-0.29	0.10	0.49	0.87	1.26	2.09	3.06
85	168.82	-2.81	8.10	Student	-9.62	-7.05	-4.86	-3.82	-2.81	-1.79	-0.75	1.44	4.01
	160.42	0.15	3.06	School	-2.43	-1.45	-0.63	-0.23	0.15	0.53	0.92	1.75	2.72
90	172.33	-3.93	8.10	Student	-10.7	-8.18	-5.98	-4.95	-3.93	-2.91	-1.88	0.32	2.89
	161.94	-0.27	3.06	School	-2.85	-1.88	-1.05	-0.66	-0.27	0.11	0.50	1.33	2.30

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.7: Reading Grade 1
Last Spring To Spring Conditional Growth Percentile

Start Status	Growth			Conditional Growth										
				CGP	20	30	40	45	50	55	60	70	80	
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84	
10	135.65	20.67	7.93	Student	14.00	16.52	18.67	19.68	20.67	21.67	22.68	24.83	27.34	
	146.04	17.87	2.67	School	15.62	16.47	17.19	17.53	17.87	18.20	18.55	19.27	20.11	
15	139.15	20.05	7.93	Student	13.38	15.89	18.04	19.05	20.05	21.05	22.06	24.21	26.72	
	147.56	17.78	2.67	School	15.54	16.38	17.11	17.45	17.78	18.12	18.46	19.18	20.03	
20	141.94	19.55	7.93	Student	12.88	15.40	17.55	18.56	19.55	20.55	21.56	23.71	26.22	
	148.77	17.71	2.67	School	15.47	16.31	17.04	17.38	17.71	18.05	18.39	19.11	19.96	
25	144.33	19.13	7.93	Student	12.46	14.97	17.12	18.13	19.13	20.12	21.14	23.28	25.80	
	149.81	17.65	2.67	School	15.41	16.25	16.98	17.32	17.65	17.99	18.33	19.05	19.90	
30	146.48	18.75	7.93	Student	12.08	14.59	16.74	17.75	18.75	19.74	20.75	22.90	25.42	
	150.74	17.60	2.67	School	15.35	16.20	16.92	17.26	17.60	17.93	18.27	19.00	19.84	
35	148.47	18.39	7.93	Student	11.72	14.24	16.38	17.40	18.39	19.39	20.40	22.55	25.06	
	151.60	17.55	2.67	School	15.30	16.15	16.87	17.21	17.55	17.88	18.22	18.95	19.79	
40	150.36	18.06	7.93	Student	11.39	13.90	16.05	17.06	18.06	19.05	20.06	22.21	24.73	
	152.42	17.50	2.67	School	15.26	16.10	16.83	17.17	17.50	17.84	18.18	18.90	19.75	
45	152.19	17.73	7.93	Student	11.06	13.57	15.72	16.73	17.73	18.73	19.74	21.89	24.40	
	153.21	17.46	2.67	School	15.21	16.06	16.78	17.12	17.46	17.79	18.13	18.85	19.70	
50	153.99	17.41	7.93	Student	10.74	13.25	15.40	16.41	17.41	18.41	19.42	21.57	24.08	
	153.99	17.41	2.67	School	15.17	16.01	16.73	17.08	17.41	17.75	18.09	18.81	19.66	
55	155.79	17.09	7.93	Student	10.42	12.93	15.08	16.09	17.09	18.09	19.10	21.25	23.76	
	154.77	17.37	2.67	School	15.12	15.97	16.69	17.03	17.37	17.70	18.04	18.76	19.61	
60	157.61	16.76	7.93	Student	10.09	12.61	14.76	15.77	16.76	17.76	18.77	20.92	23.44	
	155.56	17.32	2.67	School	15.07	15.92	16.64	16.98	17.32	17.65	18.00	18.72	19.56	
65	159.50	16.43	7.93	Student	9.76	12.27	14.42	15.43	16.43	17.42	18.44	20.58	23.10	
	156.38	17.27	2.67	School	15.03	15.87	16.60	16.94	17.27	17.61	17.95	18.67	19.52	
70	161.49	16.07	7.93	Student	9.40	11.92	14.07	15.08	16.07	17.07	18.08	20.23	22.74	
	157.24	17.22	2.67	School	14.98	15.82	16.55	16.89	17.22	17.56	17.90	18.62	19.47	
75	163.64	15.69	7.93	Student	9.02	11.54	13.68	14.70	15.69	16.69	17.70	19.85	22.36	
	158.17	17.17	2.67	School	14.92	15.77	16.49	16.83	17.17	17.50	17.84	18.57	19.41	
80	166.03	15.27	7.93	Student	8.60	11.11	13.26	14.27	15.27	16.26	17.27	19.42	21.94	
	159.21	17.11	2.67	School	14.86	15.71	16.43	16.77	17.11	17.44	17.78	18.51	19.35	
85	168.82	14.77	7.93	Student	8.10	10.61	12.76	13.77	14.77	15.77	16.78	18.93	21.44	
	160.42	17.04	2.67	School	14.79	15.64	16.36	16.70	17.04	17.37	17.71	18.44	19.28	
90	172.33	14.15	7.93	Student	7.48	9.99	12.14	13.15	14.15	15.14	16.15	18.30	20.82	
	161.94	16.95	2.67	School	14.71	15.55	16.28	16.62	16.95	17.29	17.63	18.35	19.20	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.8: Reading Grade 1
Fall To Winter Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	139.70	10.94	5.80	Student	6.06	7.90	9.47	10.21	10.94	11.67	12.41	13.98	15.82
	148.99	9.56	1.44	School	8.34	8.80	9.19	9.38	9.56	9.74	9.92	10.32	10.77
15	142.81	10.74	5.80	Student	5.86	7.70	9.27	10.01	10.74	11.47	12.21	13.78	15.62
	150.32	9.63	1.44	School	8.41	8.87	9.26	9.45	9.63	9.81	9.99	10.38	10.84
20	145.27	10.59	5.80	Student	5.71	7.55	9.12	9.86	10.59	11.32	12.06	13.63	15.47
	151.37	9.68	1.44	School	8.47	8.92	9.32	9.50	9.68	9.86	10.05	10.44	10.90
25	147.39	10.45	5.80	Student	5.58	7.41	8.99	9.73	10.45	11.18	11.92	13.49	15.33
	152.28	9.73	1.44	School	8.51	8.97	9.36	9.55	9.73	9.91	10.09	10.49	10.94
30	149.29	10.33	5.80	Student	5.46	7.30	8.87	9.61	10.33	11.06	11.80	13.37	15.21
	153.09	9.77	1.44	School	8.56	9.01	9.40	9.59	9.77	9.95	10.14	10.53	10.98
35	151.05	10.22	5.80	Student	5.35	7.18	8.76	9.50	10.22	10.95	11.69	13.26	15.10
	153.84	9.81	1.44	School	8.59	9.05	9.44	9.63	9.81	9.99	10.17	10.57	11.02
40	152.72	10.12	5.80	Student	5.24	7.08	8.65	9.39	10.12	10.85	11.59	13.16	15.00
	154.56	9.85	1.44	School	8.63	9.09	9.48	9.66	9.85	10.03	10.21	10.60	11.06
45	154.34	10.02	5.80	Student	5.14	6.98	8.55	9.29	10.02	10.75	11.49	13.06	14.90
	155.25	9.88	1.44	School	8.67	9.12	9.52	9.70	9.88	10.06	10.25	10.64	11.10
50	155.93	9.92	5.80	Student	5.04	6.88	8.45	9.19	9.92	10.64	11.39	12.96	14.80
	155.93	9.92	1.44	School	8.70	9.16	9.55	9.74	9.92	10.10	10.28	10.67	11.13
55	157.52	9.82	5.80	Student	4.94	6.78	8.35	9.09	9.82	10.54	11.28	12.86	14.69
	156.61	9.95	1.44	School	8.74	9.19	9.59	9.77	9.95	10.13	10.32	10.71	11.17
60	159.14	9.71	5.80	Student	4.84	6.67	8.25	8.99	9.71	10.44	11.18	12.75	14.59
	157.30	9.99	1.44	School	8.77	9.23	9.62	9.81	9.99	10.17	10.35	10.74	11.20
65	160.81	9.61	5.80	Student	4.73	6.57	8.14	8.88	9.61	10.34	11.08	12.65	14.49
	158.02	10.02	1.44	School	8.81	9.27	9.66	9.84	10.02	10.21	10.39	10.78	11.24
70	162.57	9.50	5.80	Student	4.62	6.46	8.03	8.77	9.50	10.23	10.97	12.54	14.38
	158.77	10.06	1.44	School	8.85	9.31	9.70	9.88	10.06	10.24	10.43	10.82	11.28
75	164.47	9.38	5.80	Student	4.50	6.34	7.91	8.65	9.38	10.11	10.85	12.42	14.26
	159.59	10.10	1.44	School	8.89	9.35	9.74	9.92	10.10	10.29	10.47	10.86	11.32
80	166.59	9.25	5.80	Student	4.37	6.21	7.78	8.52	9.25	9.97	10.71	12.28	14.12
	160.49	10.15	1.44	School	8.94	9.39	9.79	9.97	10.15	10.33	10.52	10.91	11.37
85	169.06	9.09	5.80	Student	4.21	6.05	7.62	8.36	9.09	9.82	10.56	12.13	13.97
	161.55	10.21	1.44	School	8.99	9.45	9.84	10.02	10.21	10.39	10.57	10.96	11.42
90	172.16	8.89	5.80	Student	4.02	5.85	7.43	8.17	8.89	9.62	10.36	11.93	13.77
	162.87	10.27	1.44	School	9.06	9.52	9.91	10.09	10.27	10.46	10.64	11.03	11.49

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.9: Reading Grade 1
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	139.70	16.43	7.70	Student	9.95	12.39	14.48	15.46	16.43	17.40	18.38	20.47	22.91
	148.99	14.84	2.52	School	12.72	13.52	14.20	14.52	14.84	15.16	15.48	16.17	16.97
15	142.81	16.25	7.70	Student	9.76	12.21	14.29	15.28	16.25	17.21	18.20	20.29	22.73
	150.32	14.96	2.52	School	12.84	13.64	14.32	14.64	14.96	15.28	15.60	16.29	17.09
20	145.27	16.10	7.70	Student	9.62	12.06	14.15	15.13	16.10	17.07	18.05	20.14	22.58
	151.37	15.06	2.52	School	12.93	13.73	14.42	14.74	15.06	15.37	15.70	16.38	17.18
25	147.39	15.97	7.70	Student	9.49	11.93	14.02	15.01	15.97	16.94	17.93	20.01	22.46
	152.28	15.14	2.52	School	13.01	13.81	14.50	14.82	15.14	15.46	15.78	16.46	17.26
30	149.29	15.86	7.70	Student	9.38	11.82	13.91	14.89	15.86	16.83	17.81	19.90	22.35
	153.09	15.21	2.52	School	13.09	13.89	14.57	14.89	15.21	15.53	15.85	16.54	17.34
35	151.05	15.76	7.70	Student	9.27	11.72	13.80	14.79	15.76	16.72	17.71	19.80	22.24
	153.84	15.28	2.52	School	13.15	13.96	14.64	14.96	15.28	15.60	15.92	16.60	17.40
40	152.72	15.66	7.70	Student	9.17	11.62	13.71	14.69	15.66	16.63	17.61	19.70	22.14
	154.56	15.34	2.52	School	13.22	14.02	14.70	15.03	15.34	15.66	15.98	16.67	17.47
45	154.34	15.56	7.70	Student	9.08	11.52	13.61	14.59	15.56	16.53	17.51	19.60	22.05
	155.25	15.41	2.52	School	13.28	14.08	14.77	15.09	15.41	15.72	16.05	16.73	17.53
50	155.93	15.47	7.70	Student	8.98	11.43	13.52	14.50	15.47	16.44	17.42	19.51	21.95
	155.93	15.47	2.52	School	13.34	14.14	14.83	15.15	15.47	15.78	16.11	16.79	17.59
55	157.52	15.37	7.70	Student	8.89	11.33	13.42	14.40	15.37	16.34	17.32	19.41	21.86
	156.61	15.53	2.52	School	13.40	14.21	14.89	15.21	15.53	15.85	16.17	16.85	17.65
60	159.14	15.28	7.70	Student	8.79	11.24	13.33	14.31	15.28	16.25	17.23	19.32	21.76
	157.30	15.59	2.52	School	13.47	14.27	14.95	15.27	15.59	15.91	16.23	16.92	17.72
65	160.81	15.18	7.70	Student	8.69	11.14	13.23	14.21	15.18	16.15	17.13	19.22	21.66
	158.02	15.66	2.52	School	13.53	14.33	15.02	15.34	15.66	15.97	16.30	16.98	17.78
70	162.57	15.07	7.70	Student	8.59	11.03	13.12	14.11	15.07	16.04	17.03	19.11	21.56
	158.77	15.72	2.52	School	13.60	14.40	15.08	15.41	15.72	16.04	16.36	17.05	17.85
75	164.47	14.96	7.70	Student	8.48	10.92	13.01	13.99	14.96	15.93	16.91	19.00	21.45
	159.59	15.80	2.52	School	13.67	14.47	15.16	15.48	15.80	16.11	16.44	17.12	17.92
80	166.59	14.84	7.70	Student	8.35	10.80	12.88	13.87	14.84	15.80	16.79	18.88	21.32
	160.49	15.88	2.52	School	13.75	14.55	15.24	15.56	15.88	16.20	16.52	17.20	18.00
85	169.06	14.69	7.70	Student	8.21	10.65	12.74	13.72	14.69	15.66	16.64	18.73	21.17
	161.55	15.97	2.52	School	13.85	14.65	15.33	15.66	15.97	16.29	16.61	17.30	18.10
90	172.16	14.51	7.70	Student	8.02	10.46	12.55	13.54	14.51	15.47	16.46	18.55	20.99
	162.87	16.09	2.52	School	13.97	14.77	15.45	15.78	16.09	16.41	16.73	17.42	18.22

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.10: Reading Grade 1
Fall To N Fall Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	139.70	14.44	8.79	Student	7.04	9.83	12.21	13.34	14.44	15.55	16.67	19.05	21.84
	148.99	15.03	2.37	School	13.03	13.79	14.43	14.73	15.03	15.33	15.63	16.27	17.02
15	142.81	14.84	8.79	Student	7.44	10.23	12.61	13.74	14.84	15.95	17.07	19.45	22.24
	150.32	15.32	2.37	School	13.32	14.07	14.72	15.02	15.32	15.61	15.92	16.56	17.31
20	145.27	15.16	8.79	Student	7.76	10.55	12.93	14.05	15.16	16.27	17.39	19.77	22.56
	151.37	15.55	2.37	School	13.55	14.30	14.94	15.25	15.55	15.84	16.15	16.79	17.54
25	147.39	15.43	8.79	Student	8.03	10.82	13.20	14.33	15.43	16.54	17.66	20.04	22.83
	152.28	15.74	2.37	School	13.75	14.50	15.14	15.44	15.74	16.04	16.34	16.98	17.74
30	149.29	15.68	8.79	Student	8.28	11.07	13.45	14.57	15.68	16.78	17.91	20.29	23.08
	153.09	15.92	2.37	School	13.92	14.67	15.32	15.62	15.92	16.22	16.52	17.16	17.91
35	151.05	15.90	8.79	Student	8.50	11.29	13.68	14.80	15.90	17.01	18.13	20.52	23.31
	153.84	16.08	2.37	School	14.09	14.84	15.48	15.78	16.08	16.38	16.68	17.32	18.08
40	152.72	16.12	8.79	Student	8.72	11.51	13.89	15.01	16.12	17.22	18.35	20.73	23.52
	154.56	16.24	2.37	School	14.24	14.99	15.63	15.94	16.24	16.53	16.84	17.48	18.23
45	154.34	16.33	8.79	Student	8.93	11.72	14.10	15.22	16.33	17.43	18.56	20.94	23.73
	155.25	16.39	2.37	School	14.39	15.14	15.78	16.09	16.39	16.68	16.99	17.63	18.38
50	155.93	16.53	8.79	Student	9.13	11.92	14.30	15.43	16.53	17.64	18.76	21.14	23.93
	155.93	16.53	2.37	School	14.54	15.29	15.93	16.23	16.53	16.83	17.13	17.78	18.53
55	157.52	16.74	8.79	Student	9.34	12.13	14.51	15.63	16.74	17.84	18.97	21.35	24.14
	156.61	16.68	2.37	School	14.68	15.44	16.08	16.38	16.68	16.98	17.28	17.92	18.68
60	159.14	16.95	8.79	Student	9.54	12.33	14.72	15.84	16.95	18.05	19.17	21.56	24.35
	157.30	16.83	2.37	School	14.83	15.59	16.23	16.53	16.83	17.13	17.43	18.07	18.82
65	160.81	17.16	8.79	Student	9.76	12.55	14.93	16.06	17.16	18.27	19.39	21.77	24.56
	158.02	16.98	2.37	School	14.99	15.74	16.38	16.69	16.98	17.28	17.59	18.23	18.98
70	162.57	17.39	8.79	Student	9.99	12.78	15.16	16.28	17.39	18.49	19.62	22.00	24.79
	158.77	17.15	2.37	School	15.15	15.90	16.55	16.85	17.15	17.45	17.75	18.39	19.14
75	164.47	17.63	8.79	Student	10.23	13.02	15.40	16.53	17.63	18.74	19.86	22.24	25.03
	159.59	17.32	2.37	School	15.33	16.08	16.72	17.03	17.32	17.62	17.92	18.57	19.32
80	166.59	17.91	8.79	Student	10.50	13.29	15.68	16.80	17.91	19.01	20.13	22.52	25.31
	160.49	17.52	2.37	School	15.52	16.28	16.92	17.22	17.52	17.82	18.12	18.76	19.51
85	169.06	18.22	8.79	Student	10.82	13.61	16.00	17.12	18.22	19.33	20.45	22.83	25.62
	161.55	17.75	2.37	School	15.75	16.51	17.15	17.45	17.75	18.05	18.35	18.99	19.74
90	172.16	18.62	8.79	Student	11.22	14.01	16.39	17.52	18.62	19.73	20.85	23.23	26.02
	162.87	18.04	2.37	School	16.04	16.79	17.44	17.74	18.04	18.33	18.64	19.28	20.03

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.11: Reading Grade 1
Winter To Spring Conditional Growth Percentile

Start Status	Growth			CGP	Conditional Growth								
	RIT	Mean	SD		CGI	20	30	40	45	50	55	60	70
10	148.92	5.64	5.36	Student	1.13	2.83	4.28	4.97	5.64	6.32	7.00	8.46	10.16
	158.32	4.95	1.00	School	4.11	4.43	4.70	4.83	4.95	5.08	5.20	5.47	5.79
15	152.16	5.63	5.36	Student	1.11	2.81	4.27	4.95	5.63	6.30	6.99	8.44	10.14
	159.76	5.07	1.00	School	4.23	4.54	4.81	4.94	5.07	5.19	5.32	5.59	5.91
20	154.73	5.61	5.36	Student	1.10	2.80	4.25	4.94	5.61	6.29	6.97	8.43	10.13
	160.90	5.16	1.00	School	4.32	4.63	4.90	5.03	5.16	5.28	5.41	5.68	6.00
25	156.94	5.60	5.36	Student	1.08	2.79	4.24	4.93	5.60	6.27	6.96	8.41	10.12
	161.88	5.24	1.00	School	4.40	4.71	4.98	5.11	5.24	5.36	5.49	5.76	6.07
30	158.92	5.59	5.36	Student	1.07	2.78	4.23	4.91	5.59	6.26	6.95	8.40	10.10
	162.77	5.31	1.00	School	4.47	4.78	5.05	5.18	5.31	5.43	5.56	5.83	6.15
35	160.76	5.58	5.36	Student	1.06	2.77	4.22	4.90	5.58	6.25	6.94	8.39	10.09
	163.58	5.37	1.00	School	4.53	4.85	5.12	5.25	5.37	5.50	5.62	5.89	6.21
40	162.50	5.57	5.36	Student	1.05	2.76	4.21	4.90	5.57	6.24	6.93	8.38	10.08
	164.36	5.43	1.00	School	4.59	4.91	5.18	5.31	5.43	5.56	5.69	5.96	6.27
45	164.19	5.56	5.36	Student	1.04	2.75	4.20	4.89	5.56	6.23	6.92	8.37	10.08
	165.11	5.49	1.00	School	4.65	4.97	5.24	5.37	5.49	5.62	5.74	6.02	6.33
50	165.85	5.55	5.36	Student	1.04	2.74	4.19	4.88	5.55	6.23	6.91	8.36	10.07
	165.85	5.55	1.00	School	4.71	5.03	5.30	5.43	5.55	5.68	5.80	6.07	6.39
55	167.51	5.54	5.36	Student	1.03	2.73	4.18	4.87	5.54	6.22	6.90	8.36	10.06
	166.59	5.61	1.00	School	4.77	5.09	5.36	5.48	5.61	5.74	5.86	6.13	6.45
60	169.19	5.53	5.36	Student	1.02	2.72	4.17	4.86	5.53	6.21	6.89	8.35	10.05
	167.34	5.67	1.00	School	4.83	5.15	5.42	5.54	5.67	5.79	5.92	6.19	6.51
65	170.94	5.52	5.36	Student	1.01	2.71	4.16	4.85	5.52	6.20	6.88	8.34	10.04
	168.11	5.73	1.00	School	4.89	5.21	5.48	5.61	5.73	5.86	5.98	6.25	6.57
70	172.77	5.51	5.36	Student	1.00	2.70	4.15	4.84	5.51	6.19	6.87	8.33	10.03
	168.93	5.80	1.00	School	4.96	5.27	5.54	5.67	5.80	5.92	6.05	6.32	6.64
75	174.75	5.50	5.36	Student	0.99	2.69	4.14	4.83	5.50	6.18	6.86	8.32	10.02
	169.81	5.87	1.00	School	5.03	5.34	5.61	5.74	5.87	5.99	6.12	6.39	6.71
80	176.96	5.49	5.36	Student	0.97	2.68	4.13	4.82	5.49	6.16	6.85	8.30	10.00
	170.79	5.94	1.00	School	5.11	5.42	5.69	5.82	5.94	6.07	6.20	6.47	6.78
85	179.53	5.48	5.36	Student	0.96	2.66	4.12	4.80	5.48	6.15	6.83	8.29	9.99
	171.94	6.04	1.00	School	5.20	5.51	5.78	5.91	6.04	6.16	6.29	6.56	6.88
90	182.77	5.46	5.36	Student	0.94	2.64	4.10	4.78	5.46	6.13	6.82	8.27	9.97
	173.38	6.15	1.00	School	5.31	5.63	5.90	6.03	6.15	6.28	6.40	6.67	6.99

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.12: Reading Grade 2
Last Winter To Winter Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	146.44	17.88	7.29	Student	11.74	14.05	16.03	16.96	17.88	18.80	19.73	21.70	24.02
	156.96	16.00	2.11	School	14.23	14.90	15.47	15.74	16.00	16.27	16.54	17.11	17.78
15	150.18	17.37	7.29	Student	11.23	13.55	15.52	16.45	17.37	18.29	19.22	21.20	23.51
	158.68	15.85	2.11	School	14.08	14.75	15.32	15.59	15.85	16.12	16.39	16.96	17.63
20	153.15	16.97	7.29	Student	10.83	13.14	15.12	16.05	16.97	17.88	18.81	20.79	23.10
	160.05	15.73	2.11	School	13.96	14.63	15.20	15.47	15.73	16.00	16.27	16.84	17.51
25	155.70	16.62	7.29	Student	10.48	12.79	14.77	15.70	16.62	17.54	18.47	20.44	22.76
	161.23	15.63	2.11	School	13.86	14.53	15.10	15.37	15.63	15.90	16.16	16.74	17.40
30	157.98	16.31	7.29	Student	10.17	12.48	14.46	15.39	16.31	17.22	18.16	20.13	22.45
	162.29	15.54	2.11	School	13.77	14.43	15.01	15.27	15.54	15.80	16.07	16.64	17.31
35	160.10	16.02	7.29	Student	9.88	12.19	14.17	15.10	16.02	16.94	17.87	19.84	22.16
	163.27	15.45	2.11	School	13.68	14.35	14.92	15.19	15.45	15.72	15.99	16.56	17.23
40	162.12	15.74	7.29	Student	9.61	11.92	13.90	14.83	15.74	16.66	17.59	19.57	21.88
	164.19	15.37	2.11	School	13.60	14.27	14.84	15.11	15.37	15.64	15.91	16.48	17.15
45	164.06	15.48	7.29	Student	9.34	11.65	13.63	14.56	15.48	16.40	17.33	19.30	21.62
	165.09	15.30	2.11	School	13.52	14.19	14.76	15.03	15.30	15.56	15.83	16.40	17.07
50	165.98	15.22	7.29	Student	9.08	11.39	13.37	14.30	15.22	16.14	17.07	19.04	21.36
	165.98	15.22	2.11	School	13.45	14.11	14.69	14.95	15.22	15.48	15.75	16.32	16.99
55	167.89	14.96	7.29	Student	8.82	11.13	13.11	14.04	14.96	15.87	16.81	18.78	21.10
	166.86	15.14	2.11	School	13.37	14.04	14.61	14.88	15.14	15.41	15.68	16.25	16.91
60	169.84	14.69	7.29	Student	8.55	10.87	12.84	13.78	14.69	15.61	16.54	18.52	20.83
	167.76	15.06	2.11	School	13.29	13.96	14.53	14.80	15.06	15.33	15.60	16.17	16.84
65	171.85	14.42	7.29	Student	8.28	10.59	12.57	13.50	14.42	15.34	16.27	18.24	20.56
	168.69	14.98	2.11	School	13.21	13.88	14.45	14.72	14.98	15.25	15.52	16.09	16.76
70	173.97	14.13	7.29	Student	7.99	10.31	12.28	13.21	14.13	15.05	15.98	17.95	20.27
	169.67	14.90	2.11	School	13.12	13.79	14.36	14.63	14.90	15.16	15.43	16.00	16.67
75	176.26	13.82	7.29	Student	7.68	9.99	11.97	12.90	13.82	14.73	15.67	17.64	19.96
	170.72	14.81	2.11	School	13.03	13.70	14.27	14.54	14.81	15.07	15.34	15.91	16.58
80	178.81	13.47	7.29	Student	7.33	9.65	11.62	12.55	13.47	14.39	15.32	17.30	19.61
	171.90	14.70	2.11	School	12.93	13.60	14.17	14.44	14.70	14.97	15.24	15.81	16.48
85	181.78	13.07	7.29	Student	6.93	9.24	11.22	12.15	13.07	13.98	14.91	16.89	19.21
	173.27	14.58	2.11	School	12.81	13.48	14.05	14.32	14.58	14.85	15.12	15.69	16.36
90	185.51	12.56	7.29	Student	6.42	8.73	10.71	11.64	12.56	13.47	14.41	16.38	18.70
	175.00	14.43	2.11	School	12.66	13.33	13.90	14.17	14.43	14.70	14.97	15.54	16.21

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.13: Reading Grade 2
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	150.75	5.48	8.52	Student	-1.69	1.01	3.32	4.41	5.48	6.55	7.63	9.94	12.64	
	161.48	3.62	3.20	School	0.93	1.94	2.81	3.22	3.62	4.02	4.43	5.29	6.31	
15	154.74	4.57	8.52	Student	-2.59	0.11	2.42	3.50	4.57	5.64	6.73	9.04	11.74	
	163.42	3.07	3.20	School	0.38	1.39	2.26	2.67	3.07	3.47	3.88	4.75	5.76	
20	157.91	3.86	8.52	Student	-3.31	-0.61	1.70	2.79	3.86	4.93	6.01	8.32	11.02	
	164.95	2.64	3.20	School	-0.06	0.96	1.83	2.23	2.64	3.04	3.45	4.31	5.33	
25	160.62	3.24	8.52	Student	-3.93	-1.23	1.08	2.17	3.24	4.31	5.40	7.71	10.41	
	166.27	2.26	3.20	School	-0.43	0.58	1.45	1.86	2.26	2.66	3.07	3.94	4.95	
30	163.06	2.69	8.52	Student	-4.48	-1.78	0.53	1.62	2.69	3.76	4.84	7.15	9.85	
	167.46	1.93	3.20	School	-0.76	0.25	1.12	1.52	1.93	2.33	2.74	3.60	4.62	
35	165.33	2.17	8.52	Student	-4.99	-2.29	0.02	1.10	2.17	3.24	4.33	6.64	9.34	
	168.55	1.62	3.20	School	-1.08	-0.06	0.81	1.21	1.62	2.02	2.43	3.29	4.31	
40	167.47	1.69	8.52	Student	-5.48	-2.78	-0.47	0.62	1.69	2.76	3.85	6.15	8.86	
	169.59	1.32	3.20	School	-1.37	-0.36	0.51	0.92	1.32	1.72	2.13	3.00	4.01	
45	169.55	1.22	8.52	Student	-5.95	-3.25	-0.94	0.15	1.22	2.29	3.38	5.68	8.39	
	170.60	1.04	3.20	School	-1.66	-0.64	0.23	0.63	1.04	1.44	1.85	2.71	3.73	
50	171.59	0.76	8.52	Student	-6.41	-3.71	-1.40	-0.31	0.76	1.83	2.91	5.22	7.92	
	171.59	0.76	3.20	School	-1.94	-0.92	-0.05	0.35	0.76	1.16	1.57	2.43	3.45	
55	173.64	0.29	8.52	Student	-6.87	-4.17	-1.86	-0.78	0.29	1.36	2.45	4.76	7.46	
	172.58	0.48	3.20	School	-2.22	-1.20	-0.34	0.07	0.48	0.88	1.29	2.15	3.17	
60	175.71	-0.18	8.52	Student	-7.34	-4.64	-2.33	-1.25	-0.18	0.89	1.98	4.29	6.99	
	173.59	0.19	3.20	School	-2.50	-1.49	-0.62	-0.21	0.19	0.59	1.00	1.87	2.88	
65	177.86	-0.66	8.52	Student	-7.83	-5.13	-2.82	-1.73	-0.66	0.41	1.49	3.80	6.50	
	174.63	-0.10	3.20	School	-2.80	-1.78	-0.91	-0.51	-0.10	0.30	0.71	1.57	2.59	
70	180.12	-1.18	8.52	Student	-8.34	-5.64	-3.33	-2.25	-1.18	-0.11	0.98	3.29	5.99	
	175.73	-0.42	3.20	School	-3.11	-2.09	-1.23	-0.82	-0.42	-0.01	0.39	1.26	2.28	
75	182.56	-1.73	8.52	Student	-8.89	-6.19	-3.89	-2.80	-1.73	-0.66	0.43	2.74	5.44	
	176.91	-0.75	3.20	School	-3.44	-2.43	-1.56	-1.15	-0.75	-0.35	0.06	0.93	1.94	
80	185.28	-2.34	8.52	Student	-9.51	-6.81	-4.50	-3.41	-2.34	-1.27	-0.19	2.12	4.82	
	178.23	-1.12	3.20	School	-3.82	-2.80	-1.93	-1.53	-1.12	-0.72	-0.31	0.55	1.57	
85	188.45	-3.06	8.52	Student	-10.2	-7.53	-5.22	-4.13	-3.06	-1.99	-0.90	1.40	4.11	
	179.77	-1.56	3.20	School	-4.25	-3.24	-2.37	-1.96	-1.56	-1.16	-0.75	0.12	1.13	
90	192.43	-3.96	8.52	Student	-11.1	-8.43	-6.12	-5.03	-3.96	-2.89	-1.81	0.50	3.20	
	181.70	-2.11	3.20	School	-4.80	-3.78	-2.92	-2.51	-2.11	-1.70	-1.30	-0.43	0.59	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.14: Reading Grade 2
Last Spring To Spring Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	150.75	17.67	7.80	Student	11.11	13.58	15.69	16.69	17.67	18.65	19.64	21.76	24.23
	161.48	15.51	2.51	School	13.40	14.19	14.88	15.20	15.51	15.83	16.15	16.83	17.63
15	154.74	16.96	7.80	Student	10.40	12.87	14.99	15.98	16.96	17.94	18.94	21.05	23.52
	163.42	15.22	2.51	School	13.10	13.90	14.58	14.90	15.22	15.53	15.86	16.54	17.33
20	157.91	16.40	7.80	Student	9.84	12.31	14.43	15.42	16.40	17.38	18.38	20.49	22.96
	164.95	14.99	2.51	School	12.87	13.67	14.35	14.67	14.99	15.30	15.62	16.30	17.10
25	160.62	15.92	7.80	Student	9.36	11.83	13.94	14.94	15.92	16.90	17.89	20.01	22.48
	166.27	14.79	2.51	School	12.67	13.47	14.15	14.47	14.79	15.10	15.42	16.10	16.90
30	163.06	15.49	7.80	Student	8.93	11.40	13.51	14.51	15.49	16.47	17.46	19.58	22.05
	167.46	14.61	2.51	School	12.49	13.29	13.97	14.29	14.61	14.92	15.24	15.92	16.72
35	165.33	15.09	7.80	Student	8.53	11.00	13.11	14.11	15.09	16.07	17.06	19.18	21.65
	168.55	14.44	2.51	School	12.32	13.12	13.80	14.12	14.44	14.75	15.08	15.76	16.55
40	167.47	14.71	7.80	Student	8.15	10.62	12.73	13.73	14.71	15.69	16.68	18.80	21.27
	169.59	14.28	2.51	School	12.17	12.96	13.64	13.97	14.28	14.60	14.92	15.60	16.40
45	169.55	14.34	7.80	Student	7.78	10.25	12.36	13.36	14.34	15.32	16.31	18.43	20.90
	170.60	14.13	2.51	School	12.01	12.81	13.49	13.81	14.13	14.44	14.76	15.45	16.24
50	171.59	13.98	7.80	Student	7.42	9.89	12.00	13.00	13.98	14.96	15.95	18.07	20.54
	171.59	13.98	2.51	School	11.86	12.66	13.34	13.66	13.98	14.29	14.61	15.30	16.09
55	173.64	13.62	7.80	Student	7.05	9.53	11.64	12.64	13.62	14.60	15.59	17.70	20.18
	172.58	13.83	2.51	School	11.71	12.51	13.19	13.51	13.83	14.14	14.46	15.15	15.94
60	175.71	13.25	7.80	Student	6.69	9.16	11.27	12.27	13.25	14.23	15.22	17.34	19.81
	173.59	13.67	2.51	School	11.56	12.36	13.04	13.36	13.67	13.99	14.31	14.99	15.79
65	177.86	12.87	7.80	Student	6.31	8.78	10.89	11.89	12.87	13.85	14.84	16.96	19.43
	174.63	13.52	2.51	School	11.40	12.20	12.88	13.20	13.52	13.83	14.15	14.83	15.63
70	180.12	12.47	7.80	Student	5.91	8.38	10.49	11.49	12.47	13.45	14.44	16.56	19.03
	175.73	13.35	2.51	School	11.23	12.03	12.71	13.03	13.35	13.67	13.99	14.67	15.47
75	182.56	12.04	7.80	Student	5.47	7.95	10.06	11.06	12.04	13.02	14.01	16.12	18.60
	176.91	13.17	2.51	School	11.05	11.85	12.53	12.85	13.17	13.49	13.81	14.49	15.29
80	185.28	11.55	7.80	Student	4.99	7.47	9.58	10.57	11.55	12.53	13.53	15.64	18.12
	178.23	12.97	2.51	School	10.85	11.65	12.33	12.65	12.97	13.29	13.61	14.29	15.09
85	188.45	10.99	7.80	Student	4.43	6.91	9.02	10.01	10.99	11.97	12.97	15.08	17.55
	179.77	12.74	2.51	School	10.62	11.42	12.10	12.42	12.74	13.05	13.37	14.05	14.85
90	192.43	10.29	7.80	Student	3.73	6.20	8.31	9.31	10.29	11.27	12.26	14.38	16.85
	181.70	12.44	2.51	School	10.33	11.13	11.81	12.13	12.44	12.76	13.08	13.76	14.56

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.15: Reading Grade 2
Fall To Winter Conditional Growth Percentile

Start %ile	Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	152.88	10.47	5.72	Student	5.66	7.47	9.02	9.75	10.47	11.19	11.92	13.47	15.29		
	164.02	8.70	1.44	School	7.50	7.95	8.34	8.52	8.70	8.88	9.07	9.46	9.91		
15	156.60	10.16	5.72	Student	5.35	7.16	8.71	9.44	10.16	10.88	11.61	13.16	14.98		
	165.62	8.73	1.44	School	7.52	7.98	8.37	8.55	8.73	8.91	9.10	9.48	9.94		
20	159.56	9.92	5.72	Student	5.10	6.91	8.47	9.20	9.92	10.63	11.37	12.92	14.73		
	166.88	8.75	1.44	School	7.54	8.00	8.39	8.57	8.75	8.93	9.12	9.51	9.96		
25	162.10	9.70	5.72	Student	4.89	6.70	8.25	8.98	9.70	10.42	11.15	12.70	14.52		
	167.97	8.77	1.44	School	7.56	8.02	8.41	8.59	8.77	8.95	9.14	9.53	9.98		
30	164.38	9.51	5.72	Student	4.70	6.51	8.06	8.79	9.51	10.23	10.96	12.51	14.33		
	168.94	8.79	1.44	School	7.58	8.04	8.42	8.61	8.79	8.97	9.15	9.54	10.00		
35	166.49	9.34	5.72	Student	4.52	6.34	7.89	8.62	9.34	10.06	10.79	12.34	14.15		
	169.85	8.80	1.44	School	7.60	8.05	8.44	8.62	8.80	8.98	9.17	9.56	10.01		
40	168.50	9.17	5.72	Student	4.35	6.17	7.72	8.45	9.17	9.89	10.62	12.17	13.98		
	170.70	8.82	1.44	School	7.61	8.07	8.46	8.64	8.82	9.00	9.18	9.57	10.03		
45	170.44	9.01	5.72	Student	4.19	6.01	7.56	8.29	9.01	9.73	10.46	12.01	13.82		
	171.53	8.83	1.44	School	7.62	8.08	8.47	8.65	8.83	9.01	9.20	9.59	10.04		
50	172.35	8.85	5.72	Student	4.03	5.85	7.40	8.13	8.85	9.57	10.30	11.85	13.66		
	172.35	8.85	1.44	School	7.64	8.09	8.48	8.67	8.85	9.03	9.21	9.60	10.06		
55	174.26	8.69	5.72	Student	3.87	5.69	7.24	7.97	8.69	9.41	10.14	11.69	13.50		
	173.16	8.86	1.44	School	7.65	8.11	8.50	8.68	8.86	9.04	9.22	9.61	10.07		
60	176.20	8.53	5.72	Student	3.71	5.52	7.08	7.81	8.53	9.24	9.98	11.53	13.34		
	173.99	8.88	1.44	School	7.67	8.12	8.51	8.69	8.88	9.06	9.24	9.63	10.08		
65	178.20	8.36	5.72	Student	3.54	5.36	6.91	7.64	8.36	9.08	9.81	11.36	13.17		
	174.85	8.89	1.44	School	7.68	8.14	8.53	8.71	8.89	9.07	9.25	9.64	10.10		
70	180.31	8.18	5.72	Student	3.37	5.18	6.73	7.46	8.18	8.90	9.63	11.18	13.00		
	175.76	8.91	1.44	School	7.70	8.15	8.54	8.73	8.91	9.09	9.27	9.66	10.11		
75	182.59	7.99	5.72	Student	3.17	4.99	6.54	7.27	7.99	8.71	9.44	10.99	12.81		
	176.73	8.92	1.44	School	7.71	8.17	8.56	8.74	8.92	9.10	9.29	9.68	10.13		
80	185.13	7.78	5.72	Student	2.96	4.78	6.33	7.06	7.78	8.50	9.23	10.78	12.59		
	177.82	8.94	1.44	School	7.73	8.19	8.58	8.76	8.94	9.12	9.30	9.69	10.15		
85	188.09	7.53	5.72	Student	2.72	4.53	6.08	6.81	7.53	8.25	8.98	10.53	12.35		
	179.08	8.96	1.44	School	7.75	8.21	8.60	8.78	8.96	9.14	9.33	9.72	10.17		
90	191.82	7.22	5.72	Student	2.40	4.22	5.77	6.50	7.22	7.94	8.67	10.22	12.04		
	180.67	8.99	1.44	School	7.78	8.24	8.63	8.81	8.99	9.17	9.35	9.74	10.20		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.16: Reading Grade 2
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	152.88	15.38	7.58	Student	9.00	11.40	13.46	14.43	15.38	16.33	17.30	19.35	21.76
	164.02	12.97	2.51	School	10.86	11.65	12.34	12.66	12.97	13.29	13.61	14.29	15.09
15	156.60	14.97	7.58	Student	8.59	10.99	13.05	14.01	14.97	15.92	16.89	18.94	21.35
	165.62	13.02	2.51	School	10.91	11.70	12.38	12.70	13.02	13.34	13.66	14.34	15.13
20	159.56	14.64	7.58	Student	8.26	10.66	12.72	13.69	14.64	15.59	16.56	18.61	21.02
	166.88	13.06	2.51	School	10.94	11.74	12.42	12.74	13.06	13.37	13.69	14.38	15.17
25	162.10	14.36	7.58	Student	7.98	10.38	12.44	13.40	14.36	15.31	16.28	18.33	20.74
	167.97	13.09	2.51	School	10.98	11.77	12.45	12.77	13.09	13.41	13.73	14.41	15.20
30	164.38	14.10	7.58	Student	7.72	10.13	12.18	13.15	14.10	15.06	16.03	18.08	20.48
	168.94	13.12	2.51	School	11.01	11.80	12.48	12.80	13.12	13.44	13.76	14.44	15.23
35	166.49	13.87	7.58	Student	7.49	9.90	11.95	12.92	13.87	14.82	15.79	17.85	20.25
	169.85	13.15	2.51	School	11.03	11.83	12.51	12.83	13.15	13.46	13.78	14.46	15.26
40	168.50	13.65	7.58	Student	7.27	9.67	11.73	12.70	13.65	14.60	15.57	17.62	20.03
	170.70	13.17	2.51	School	11.06	11.86	12.54	12.86	13.17	13.49	13.81	14.49	15.29
45	170.44	13.43	7.58	Student	7.05	9.46	11.51	12.48	13.43	14.39	15.35	17.41	19.81
	171.53	13.20	2.51	School	11.08	11.88	12.56	12.88	13.20	13.51	13.83	14.51	15.31
50	172.35	13.22	7.58	Student	6.84	9.25	11.30	12.27	13.22	14.17	15.14	17.20	19.60
	172.35	13.22	2.51	School	11.11	11.90	12.59	12.91	13.22	13.54	13.86	14.54	15.34
55	174.26	13.01	7.58	Student	6.63	9.04	11.09	12.06	13.01	13.96	14.93	16.99	19.39
	173.16	13.25	2.51	School	11.13	11.93	12.61	12.93	13.25	13.56	13.88	14.56	15.36
60	176.20	12.80	7.58	Student	6.42	8.82	10.87	11.84	12.80	13.75	14.72	16.77	19.18
	173.99	13.27	2.51	School	11.16	11.95	12.63	12.96	13.27	13.59	13.91	14.59	15.39
65	178.20	12.57	7.58	Student	6.19	8.60	10.65	11.62	12.57	13.53	14.49	16.55	18.95
	174.85	13.30	2.51	School	11.18	11.98	12.66	12.98	13.30	13.61	13.93	14.61	15.41
70	180.31	12.34	7.58	Student	5.96	8.36	10.42	11.39	12.34	13.29	14.26	16.31	18.72
	175.76	13.32	2.51	School	11.21	12.01	12.69	13.01	13.32	13.64	13.96	14.64	15.44
75	182.59	12.09	7.58	Student	5.71	8.11	10.17	11.13	12.09	13.04	14.01	16.06	18.47
	176.73	13.35	2.51	School	11.24	12.04	12.72	13.04	13.35	13.67	13.99	14.67	15.47
80	185.13	11.80	7.58	Student	5.42	7.83	9.88	10.85	11.80	12.76	13.73	15.78	18.18
	177.82	13.39	2.51	School	11.27	12.07	12.75	13.07	13.39	13.70	14.02	14.70	15.50
85	188.09	11.48	7.58	Student	5.10	7.50	9.56	10.52	11.48	12.43	13.40	15.45	17.86
	179.08	13.42	2.51	School	11.31	12.11	12.79	13.11	13.42	13.74	14.06	14.74	15.54
90	191.82	11.06	7.58	Student	4.68	7.09	9.14	10.11	11.06	12.02	12.98	15.04	17.44
	180.67	13.47	2.51	School	11.36	12.15	12.83	13.16	13.47	13.79	14.11	14.79	15.59

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.17: Reading Grade 2
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth										
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	152.88	13.59	8.35	Student	6.56	9.21	11.47	12.54	13.59	14.64	15.70	17.97	20.62	
	164.02	13.98	2.15	School	12.17	12.86	13.44	13.71	13.98	14.25	14.53	15.11	15.79	
15	156.60	13.76	8.35	Student	6.73	9.38	11.64	12.71	13.76	14.81	15.87	18.14	20.79	
	165.62	14.08	2.15	School	12.27	12.95	13.53	13.81	14.08	14.35	14.62	15.20	15.89	
20	159.56	13.89	8.35	Student	6.87	9.51	11.78	12.84	13.89	14.94	16.01	18.27	20.92	
	166.88	14.15	2.15	School	12.34	13.02	13.61	13.88	14.15	14.42	14.70	15.28	15.96	
25	162.10	14.01	8.35	Student	6.98	9.63	11.89	12.96	14.01	15.06	16.12	18.39	21.04	
	167.97	14.22	2.15	School	12.41	13.09	13.67	13.95	14.22	14.49	14.76	15.34	16.03	
30	164.38	14.11	8.35	Student	7.09	9.73	12.00	13.06	14.11	15.16	16.23	18.49	21.14	
	168.94	14.27	2.15	School	12.46	13.15	13.73	14.00	14.27	14.54	14.82	15.40	16.08	
35	166.49	14.21	8.35	Student	7.18	9.83	12.09	13.16	14.21	15.26	16.32	18.59	21.24	
	169.85	14.33	2.15	School	12.52	13.20	13.78	14.06	14.33	14.60	14.87	15.45	16.14	
40	168.50	14.30	8.35	Student	7.27	9.92	12.18	13.25	14.30	15.35	16.41	18.68	21.33	
	170.70	14.38	2.15	School	12.57	13.25	13.83	14.11	14.38	14.65	14.92	15.50	16.19	
45	170.44	14.39	8.35	Student	7.36	10.01	12.27	13.34	14.39	15.44	16.50	18.77	21.41	
	171.53	14.43	2.15	School	12.62	13.30	13.88	14.16	14.43	14.70	14.97	15.55	16.24	
50	172.35	14.47	8.35	Student	7.45	10.10	12.36	13.42	14.47	15.52	16.59	18.85	21.50	
	172.35	14.47	2.15	School	12.66	13.35	13.93	14.20	14.47	14.74	15.02	15.60	16.28	
55	174.26	14.56	8.35	Student	7.53	10.18	12.45	13.51	14.56	15.61	16.68	18.94	21.59	
	173.16	14.52	2.15	School	12.71	13.39	13.98	14.25	14.52	14.79	15.07	15.65	16.33	
60	176.20	14.65	8.35	Student	7.62	10.27	12.53	13.60	14.65	15.70	16.76	19.03	21.68	
	173.99	14.57	2.15	School	12.76	13.44	14.03	14.30	14.57	14.84	15.12	15.70	16.38	
65	178.20	14.74	8.35	Student	7.71	10.36	12.62	13.69	14.74	15.79	16.86	19.12	21.77	
	174.85	14.62	2.15	School	12.81	13.49	14.08	14.35	14.62	14.89	15.17	15.75	16.43	
70	180.31	14.84	8.35	Student	7.81	10.46	12.72	13.79	14.84	15.89	16.95	19.21	21.86	
	175.76	14.67	2.15	School	12.87	13.55	14.13	14.40	14.67	14.95	15.22	15.80	16.48	
75	182.59	14.94	8.35	Student	7.91	10.56	12.82	13.89	14.94	15.99	17.05	19.32	21.97	
	176.73	14.73	2.15	School	12.92	13.61	14.19	14.46	14.73	15.00	15.28	15.86	16.54	
80	185.13	15.05	8.35	Student	8.03	10.68	12.94	14.01	15.05	16.10	17.17	19.43	22.08	
	177.82	14.80	2.15	School	12.99	13.67	14.25	14.53	14.80	15.07	15.34	15.92	16.61	
85	188.09	15.19	8.35	Student	8.16	10.81	13.07	14.14	15.19	16.24	17.30	19.57	22.22	
	179.08	14.87	2.15	School	13.06	13.74	14.33	14.60	14.87	15.14	15.42	16.00	16.68	
90	191.82	15.36	8.35	Student	8.33	10.98	13.24	14.31	15.36	16.41	17.47	19.74	22.39	
	180.67	14.96	2.15	School	13.16	13.84	14.42	14.69	14.96	15.24	15.51	16.09	16.77	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.18: Reading Grade 2
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		Conditional Growth										
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	161.91	5.03	5.35	Student	0.53	2.23	3.68	4.36	5.03	5.71	6.39	7.84	9.54
	172.53	3.98	1.03	School	3.11	3.43	3.72	3.85	3.98	4.11	4.24	4.52	4.85
15	165.60	4.91	5.35	Student	0.41	2.10	3.55	4.24	4.91	5.58	6.26	7.71	9.41
	174.19	4.05	1.03	School	3.18	3.51	3.79	3.92	4.05	4.18	4.32	4.60	4.92
20	168.53	4.81	5.35	Student	0.31	2.00	3.45	4.14	4.81	5.48	6.16	7.61	9.31
	175.50	4.11	1.03	School	3.24	3.57	3.85	3.98	4.11	4.24	4.38	4.66	4.98
25	171.04	4.72	5.35	Student	0.22	1.92	3.37	4.05	4.72	5.39	6.08	7.53	9.22
	176.63	4.17	1.03	School	3.29	3.62	3.90	4.04	4.17	4.30	4.43	4.71	5.04
30	173.30	4.64	5.35	Student	0.14	1.84	3.29	3.97	4.64	5.32	6.00	7.45	9.14
	177.65	4.21	1.03	School	3.34	3.67	3.95	4.08	4.21	4.34	4.47	4.75	5.08
35	175.40	4.57	5.35	Student	0.07	1.77	3.22	3.90	4.57	5.25	5.93	7.38	9.07
	178.59	4.26	1.03	School	3.38	3.71	3.99	4.13	4.26	4.39	4.52	4.80	5.13
40	177.38	4.51	5.35	Student	0.01	1.70	3.15	3.83	4.51	5.18	5.86	7.31	9.01
	179.48	4.30	1.03	School	3.43	3.75	4.03	4.17	4.30	4.43	4.56	4.84	5.17
45	179.30	4.44	5.35	Student	-0.06	1.64	3.08	3.77	4.44	5.11	5.79	7.24	8.94
	180.35	4.34	1.03	School	3.46	3.79	4.07	4.21	4.34	4.47	4.60	4.88	5.21
50	181.20	4.37	5.35	Student	-0.13	1.57	3.02	3.70	4.37	5.05	5.73	7.18	8.87
	181.20	4.37	1.03	School	3.50	3.83	4.11	4.24	4.37	4.50	4.64	4.92	5.25
55	183.09	4.31	5.35	Student	-0.19	1.51	2.96	3.64	4.31	4.98	5.66	7.11	8.81
	182.05	4.41	1.03	School	3.54	3.87	4.15	4.28	4.41	4.54	4.68	4.96	5.28
60	185.01	4.24	5.35	Student	-0.26	1.44	2.89	3.57	4.24	4.92	5.60	7.05	8.74
	182.91	4.45	1.03	School	3.58	3.91	4.19	4.32	4.45	4.58	4.72	5.00	5.32
65	187.00	4.18	5.35	Student	-0.32	1.37	2.82	3.50	4.18	4.85	5.53	6.98	8.68
	183.80	4.49	1.03	School	3.62	3.95	4.23	4.36	4.49	4.62	4.76	5.04	5.37
70	189.09	4.10	5.35	Student	-0.40	1.30	2.75	3.43	4.10	4.78	5.46	6.91	8.60
	184.74	4.54	1.03	School	3.67	3.99	4.28	4.41	4.54	4.67	4.80	5.08	5.41
75	191.35	4.03	5.35	Student	-0.47	1.22	2.67	3.36	4.03	4.70	5.38	6.83	8.53
	185.76	4.58	1.03	School	3.71	4.04	4.32	4.45	4.58	4.71	4.85	5.13	5.45
80	193.86	3.94	5.35	Student	-0.56	1.14	2.59	3.27	3.94	4.61	5.30	6.75	8.44
	186.89	4.64	1.03	School	3.76	4.09	4.37	4.51	4.64	4.77	4.90	5.18	5.51
85	196.80	3.84	5.35	Student	-0.66	1.04	2.49	3.17	3.84	4.51	5.20	6.64	8.34
	188.20	4.70	1.03	School	3.82	4.15	4.43	4.57	4.70	4.83	4.96	5.24	5.57
90	200.49	3.71	5.35	Student	-0.79	0.91	2.36	3.04	3.71	4.39	5.07	6.52	8.21
	189.86	4.77	1.03	School	3.90	4.23	4.51	4.64	4.77	4.90	5.03	5.31	5.64

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.19: Reading Grade 3
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	159.32	15.63	6.48	Student	10.18	12.23	13.99	14.82	15.63	16.45	17.28	19.03	21.09
	171.50	13.55	1.65	School	12.16	12.68	13.13	13.34	13.55	13.76	13.97	14.42	14.94
15	163.52	15.06	6.48	Student	9.60	11.66	13.42	14.25	15.06	15.88	16.70	18.46	20.52
	173.37	13.38	1.65	School	11.98	12.51	12.96	13.17	13.38	13.58	13.79	14.24	14.77
20	166.85	14.61	6.48	Student	9.15	11.20	12.96	13.79	14.61	15.42	16.25	18.01	20.06
	174.85	13.24	1.65	School	11.85	12.37	12.82	13.03	13.24	13.44	13.66	14.10	14.63
25	169.72	14.21	6.48	Student	8.76	10.81	12.57	13.40	14.21	15.03	15.86	17.62	19.67
	176.13	13.12	1.65	School	11.73	12.25	12.70	12.91	13.12	13.33	13.54	13.99	14.51
30	172.28	13.86	6.48	Student	8.41	10.46	12.22	13.05	13.86	14.68	15.51	17.26	19.32
	177.27	13.01	1.65	School	11.62	12.14	12.59	12.80	13.01	13.22	13.43	13.88	14.40
35	174.67	13.54	6.48	Student	8.08	10.14	11.90	12.72	13.54	14.35	15.18	16.94	19.00
	178.33	12.91	1.65	School	11.52	12.05	12.49	12.70	12.91	13.12	13.33	13.78	14.30
40	176.93	13.23	6.48	Student	7.77	9.83	11.59	12.42	13.23	14.05	14.87	16.63	18.69
	179.33	12.82	1.65	School	11.43	11.95	12.40	12.61	12.82	13.03	13.24	13.69	14.21
45	179.11	12.93	6.48	Student	7.48	9.53	11.29	12.12	12.93	13.75	14.58	16.33	18.39
	180.31	12.73	1.65	School	11.34	11.86	12.31	12.52	12.73	12.94	13.15	13.60	14.12
50	181.26	12.64	6.48	Student	7.18	9.24	11.00	11.82	12.64	13.45	14.28	16.04	18.10
	181.26	12.64	1.65	School	11.25	11.77	12.22	12.43	12.64	12.85	13.06	13.51	14.03
55	183.41	12.35	6.48	Student	6.89	8.94	10.70	11.53	12.35	13.16	13.99	15.75	17.80
	182.22	12.55	1.65	School	11.16	11.68	12.13	12.34	12.55	12.76	12.97	13.42	13.94
60	185.60	12.05	6.48	Student	6.59	8.65	10.40	11.23	12.05	12.86	13.69	15.45	17.50
	183.19	12.46	1.65	School	11.07	11.59	12.04	12.25	12.46	12.67	12.88	13.33	13.85
65	187.86	11.74	6.48	Student	6.28	8.34	10.10	10.92	11.74	12.55	13.38	15.14	17.20
	184.20	12.36	1.65	School	10.97	11.50	11.95	12.16	12.36	12.57	12.78	13.23	13.76
70	190.24	11.41	6.48	Student	5.96	8.01	9.77	10.60	11.41	12.23	13.06	14.81	16.87
	185.26	12.27	1.65	School	10.87	11.40	11.85	12.06	12.27	12.47	12.69	13.13	13.66
75	192.81	11.06	6.48	Student	5.61	7.66	9.42	10.25	11.06	11.88	12.71	14.46	16.52
	186.40	12.16	1.65	School	10.77	11.29	11.74	11.95	12.16	12.37	12.58	13.03	13.55
80	195.67	10.67	6.48	Student	5.22	7.27	9.03	9.86	10.67	11.49	12.32	14.07	16.13
	187.67	12.04	1.65	School	10.65	11.17	11.62	11.83	12.04	12.25	12.46	12.91	13.43
85	199.01	10.22	6.48	Student	4.76	6.82	8.57	9.40	10.22	11.03	11.86	13.62	15.67
	189.16	11.90	1.65	School	10.51	11.03	11.48	11.69	11.90	12.11	12.32	12.77	13.29
90	203.20	9.64	6.48	Student	4.19	6.24	8.00	8.83	9.64	10.46	11.29	13.04	15.10
	191.02	11.73	1.65	School	10.34	10.86	11.31	11.52	11.73	11.94	12.15	12.60	13.12

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.20: Reading Grade 3
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean		SD	CGI	20	30	40	45	50	55	60	70
10	163.26	4.89	8.34	Student	-2.13	0.52	2.78	3.84	4.89	5.94	7.00	9.27	11.91	
	175.61	2.45	2.61	School	0.25	1.08	1.79	2.12	2.45	2.78	3.11	3.82	4.65	
15	167.57	4.11	8.34	Student	-2.91	-0.26	2.00	3.06	4.11	5.16	6.23	8.49	11.13	
	177.56	2.14	2.61	School	-0.06	0.77	1.47	1.81	2.14	2.46	2.80	3.51	4.33	
20	171.00	3.49	8.34	Student	-3.53	-0.88	1.38	2.45	3.49	4.54	5.61	7.87	10.51	
	179.11	1.89	2.61	School	-0.31	0.52	1.23	1.56	1.89	2.22	2.55	3.26	4.09	
25	173.94	2.96	8.34	Student	-4.06	-1.41	0.85	1.91	2.96	4.01	5.08	7.34	9.98	
	180.44	1.68	2.61	School	-0.52	0.31	1.02	1.35	1.68	2.01	2.34	3.05	3.88	
30	176.58	2.49	8.34	Student	-4.53	-1.89	0.37	1.44	2.49	3.53	4.60	6.86	9.51	
	181.63	1.49	2.61	School	-0.71	0.12	0.82	1.16	1.49	1.81	2.15	2.86	3.68	
35	179.02	2.04	8.34	Student	-4.98	-2.33	-0.07	1.00	2.04	3.09	4.16	6.42	9.07	
	182.74	1.31	2.61	School	-0.89	-0.06	0.65	0.98	1.31	1.64	1.97	2.68	3.51	
40	181.35	1.63	8.34	Student	-5.40	-2.75	-0.49	0.58	1.63	2.67	3.74	6.00	8.65	
	183.79	1.14	2.61	School	-1.06	-0.23	0.48	0.81	1.14	1.47	1.80	2.51	3.34	
45	183.59	1.22	8.34	Student	-5.80	-3.15	-0.89	0.17	1.22	2.27	3.33	5.59	8.24	
	184.80	0.98	2.61	School	-1.22	-0.39	0.32	0.65	0.98	1.31	1.64	2.35	3.18	
50	185.80	0.82	8.34	Student	-6.20	-3.55	-1.29	-0.23	0.82	1.87	2.93	5.20	7.84	
	185.80	0.82	2.61	School	-1.38	-0.55	0.16	0.49	0.82	1.15	1.48	2.19	3.02	
55	188.01	0.42	8.34	Student	-6.60	-3.95	-1.69	-0.63	0.42	1.47	2.54	4.80	7.44	
	186.80	0.66	2.61	School	-1.54	-0.71	-0.00	0.33	0.66	0.99	1.32	2.03	2.86	
60	190.26	0.02	8.34	Student	-7.00	-4.36	-2.10	-1.03	0.02	1.06	2.13	4.39	7.04	
	187.82	0.50	2.61	School	-1.70	-0.87	-0.16	0.17	0.50	0.83	1.16	1.87	2.70	
65	192.58	-0.40	8.34	Student	-7.42	-4.78	-2.52	-1.45	-0.40	0.65	1.71	3.97	6.62	
	188.87	0.33	2.61	School	-1.87	-1.04	-0.33	0.00	0.33	0.66	0.99	1.70	2.53	
70	195.02	-0.84	8.34	Student	-7.87	-5.22	-2.96	-1.89	-0.84	0.20	1.27	3.53	6.18	
	189.97	0.16	2.61	School	-2.04	-1.21	-0.51	-0.17	0.16	0.48	0.82	1.53	2.35	
75	197.66	-1.32	8.34	Student	-8.34	-5.70	-3.43	-2.37	-1.32	-0.27	0.79	3.05	5.70	
	191.17	-0.04	2.61	School	-2.23	-1.41	-0.70	-0.36	-0.04	0.29	0.63	1.33	2.16	
80	200.60	-1.85	8.34	Student	-8.87	-6.23	-3.97	-2.90	-1.85	-0.80	0.26	2.52	5.17	
	192.49	-0.25	2.61	School	-2.45	-1.62	-0.91	-0.58	-0.25	0.08	0.41	1.12	1.95	
85	204.03	-2.47	8.34	Student	-9.49	-6.85	-4.58	-3.52	-2.47	-1.42	-0.36	1.90	4.55	
	194.04	-0.49	2.61	School	-2.69	-1.86	-1.16	-0.82	-0.49	-0.17	0.17	0.88	1.70	
90	208.34	-3.25	8.34	Student	-10.3	-7.62	-5.36	-4.30	-3.25	-2.20	-1.14	1.13	3.77	
	195.99	-0.81	2.61	School	-3.00	-2.18	-1.47	-1.13	-0.81	-0.48	-0.14	0.56	1.39	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.21: Reading Grade 3
Last Spring To Spring Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	163.26	15.09	7.08	Student	9.14	11.38	13.30	14.20	15.09	15.98	16.88	18.80	21.05
	175.61	12.70	2.07	School	10.96	11.62	12.18	12.44	12.70	12.96	13.23	13.79	14.44
15	167.57	14.37	7.08	Student	8.41	10.66	12.58	13.48	14.37	15.26	16.16	18.08	20.32
	177.56	12.44	2.07	School	10.70	11.35	11.91	12.18	12.44	12.70	12.96	13.52	14.18
20	171.00	13.80	7.08	Student	7.84	10.09	12.00	12.91	13.80	14.69	15.59	17.51	19.75
	179.11	12.23	2.07	School	10.49	11.15	11.71	11.97	12.23	12.49	12.75	13.31	13.97
25	173.94	13.31	7.08	Student	7.35	9.60	11.51	12.42	13.31	14.19	15.10	17.02	19.26
	180.44	12.05	2.07	School	10.31	10.97	11.53	11.79	12.05	12.31	12.57	13.13	13.79
30	176.58	12.86	7.08	Student	6.91	9.15	11.07	11.98	12.86	13.75	14.66	16.58	18.82
	181.63	11.89	2.07	School	10.15	10.80	11.36	11.63	11.89	12.15	12.41	12.97	13.63
35	179.02	12.46	7.08	Student	6.50	8.75	10.66	11.57	12.46	13.34	14.25	16.17	18.41
	182.74	11.74	2.07	School	10.00	10.65	11.21	11.48	11.74	12.00	12.26	12.82	13.48
40	181.35	12.07	7.08	Student	6.11	8.36	10.28	11.18	12.07	12.96	13.86	15.78	18.02
	183.79	11.60	2.07	School	9.86	10.51	11.07	11.34	11.60	11.86	12.12	12.68	13.33
45	183.59	11.69	7.08	Student	5.74	7.98	9.90	10.80	11.69	12.58	13.49	15.40	17.65
	184.80	11.46	2.07	School	9.72	10.38	10.94	11.20	11.46	11.72	11.98	12.54	13.20
50	185.80	11.32	7.08	Student	5.37	7.61	9.53	10.43	11.32	12.21	13.12	15.03	17.28
	185.80	11.32	2.07	School	9.58	10.24	10.80	11.06	11.32	11.58	11.85	12.41	13.06
55	188.01	10.95	7.08	Student	5.00	7.24	9.16	10.06	10.95	11.84	12.75	14.66	16.91
	186.80	11.19	2.07	School	9.45	10.10	10.66	10.93	11.19	11.45	11.71	12.27	12.93
60	190.26	10.58	7.08	Student	4.62	6.87	8.79	9.69	10.58	11.47	12.37	14.29	16.53
	187.82	11.05	2.07	School	9.31	9.97	10.53	10.79	11.05	11.31	11.57	12.13	12.79
65	192.58	10.19	7.08	Student	4.24	6.48	8.40	9.30	10.19	11.08	11.98	13.90	16.15
	188.87	10.91	2.07	School	9.17	9.83	10.39	10.65	10.91	11.17	11.43	11.99	12.65
70	195.02	9.78	7.08	Student	3.83	6.07	7.99	8.89	9.78	10.67	11.57	13.49	15.74
	189.97	10.76	2.07	School	9.02	9.68	10.24	10.50	10.76	11.02	11.28	11.84	12.50
75	197.66	9.34	7.08	Student	3.39	5.63	7.55	8.45	9.34	10.23	11.13	13.05	15.30
	191.17	10.60	2.07	School	8.86	9.51	10.07	10.34	10.60	10.86	11.12	11.68	12.34
80	200.60	8.85	7.08	Student	2.89	5.14	7.06	7.96	8.85	9.74	10.64	12.56	14.80
	192.49	10.42	2.07	School	8.68	9.33	9.89	10.16	10.42	10.68	10.94	11.50	12.16
85	204.03	8.28	7.08	Student	2.32	4.57	6.48	7.39	8.28	9.17	10.07	11.99	14.23
	194.04	10.21	2.07	School	8.47	9.12	9.68	9.95	10.21	10.47	10.73	11.29	11.95
90	208.34	7.56	7.08	Student	1.60	3.85	5.76	6.67	7.56	8.45	9.35	11.27	13.51
	195.99	9.94	2.07	School	8.21	8.86	9.42	9.68	9.94	10.20	10.47	11.03	11.68

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.22: Reading Grade 3
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean		SD	CGI	20	30	40	45	50	55	60	70
10	165.28	9.24	5.66	Student	4.48	6.28	7.81	8.53	9.24	9.96	10.68	12.21	14.01	
	177.42	7.51	1.21	School	6.49	6.88	7.20	7.36	7.51	7.66	7.82	8.15	8.53	
15	169.36	8.87	5.66	Student	4.11	5.90	7.44	8.16	8.87	9.58	10.30	11.84	13.63	
	179.18	7.47	1.21	School	6.45	6.83	7.16	7.31	7.47	7.62	7.77	8.10	8.49	
20	172.61	8.57	5.66	Student	3.81	5.60	7.14	7.86	8.57	9.28	10.00	11.54	13.33	
	180.58	7.43	1.21	School	6.41	6.80	7.12	7.28	7.43	7.58	7.74	8.07	8.45	
25	175.39	8.31	5.66	Student	3.55	5.35	6.88	7.60	8.31	9.02	9.75	11.28	13.08	
	181.78	7.40	1.21	School	6.38	6.77	7.09	7.25	7.40	7.55	7.71	8.04	8.42	
30	177.89	8.08	5.66	Student	3.32	5.12	6.65	7.37	8.08	8.79	9.52	11.05	12.85	
	182.86	7.37	1.21	School	6.35	6.74	7.07	7.22	7.37	7.53	7.68	8.01	8.39	
35	180.21	7.87	5.66	Student	3.11	4.90	6.44	7.16	7.87	8.58	9.30	10.84	12.63	
	183.86	7.35	1.21	School	6.33	6.71	7.04	7.20	7.35	7.50	7.66	7.98	8.37	
40	182.40	7.67	5.66	Student	2.91	4.70	6.23	6.96	7.67	8.38	9.10	10.64	12.43	
	184.80	7.33	1.21	School	6.31	6.69	7.02	7.17	7.33	7.48	7.63	7.96	8.35	
45	184.53	7.47	5.66	Student	2.71	4.51	6.04	6.76	7.47	8.18	8.91	10.44	12.23	
	185.72	7.30	1.21	School	6.28	6.67	7.00	7.15	7.30	7.45	7.61	7.94	8.32	
50	186.62	7.28	5.66	Student	2.52	4.31	5.85	6.57	7.28	7.99	8.71	10.25	12.04	
	186.62	7.28	1.21	School	6.26	6.64	6.97	7.13	7.28	7.43	7.59	7.92	8.30	
55	188.71	7.09	5.66	Student	2.32	4.12	5.65	6.38	7.09	7.80	8.52	10.05	11.85	
	187.52	7.26	1.21	School	6.24	6.62	6.95	7.11	7.26	7.41	7.56	7.89	8.28	
60	190.84	6.89	5.66	Student	2.13	3.92	5.46	6.18	6.89	7.60	8.33	9.86	11.65	
	188.44	7.23	1.21	School	6.21	6.60	6.93	7.08	7.23	7.39	7.54	7.87	8.25	
65	193.04	6.69	5.66	Student	1.93	3.72	5.26	5.98	6.69	7.40	8.12	9.66	11.45	
	189.39	7.21	1.21	School	6.19	6.58	6.90	7.06	7.21	7.36	7.52	7.85	8.23	
70	195.35	6.48	5.66	Student	1.71	3.51	5.04	5.77	6.48	7.19	7.91	9.44	11.24	
	190.38	7.19	1.21	School	6.17	6.55	6.88	7.03	7.19	7.34	7.49	7.82	8.21	
75	197.85	6.25	5.66	Student	1.48	3.28	4.81	5.53	6.25	6.96	7.68	9.21	11.01	
	191.46	7.16	1.21	School	6.14	6.52	6.85	7.01	7.16	7.31	7.47	7.79	8.18	
80	200.63	5.99	5.66	Student	1.23	3.02	4.56	5.28	5.99	6.70	7.42	8.96	10.75	
	192.66	7.13	1.21	School	6.11	6.49	6.82	6.98	7.13	7.28	7.44	7.76	8.15	
85	203.88	5.69	5.66	Student	0.93	2.72	4.26	4.98	5.69	6.40	7.12	8.66	10.45	
	194.06	7.09	1.21	School	6.07	6.46	6.79	6.94	7.09	7.25	7.40	7.73	8.11	
90	207.96	5.32	5.66	Student	0.55	2.35	3.88	4.60	5.32	6.03	6.75	8.28	10.08	
	195.82	7.05	1.21	School	6.03	6.41	6.74	6.90	7.05	7.20	7.36	7.68	8.07	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.23: Reading Grade 3
Fall To Spring Conditional Growth Percentile

Start %ile	Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGI		20	30	40	45	50	55	60	70	80	
10	165.28	13.31	7.45	Student	7.04	9.40	11.42	12.38	13.31	14.25	15.20	17.22	19.58		
	177.42	10.91	2.12	School	9.12	9.79	10.37	10.64	10.91	11.17	11.44	12.02	12.69		
15	169.36	12.77	7.45	Student	6.50	8.87	10.89	11.84	12.77	13.71	14.66	16.68	19.05		
	179.18	10.83	2.12	School	9.05	9.72	10.29	10.56	10.83	11.10	11.37	11.94	12.61		
20	172.61	12.35	7.45	Student	6.08	8.44	10.46	11.41	12.35	13.28	14.24	16.25	18.62		
	180.58	10.77	2.12	School	8.98	9.66	10.23	10.50	10.77	11.03	11.30	11.88	12.55		
25	175.39	11.98	7.45	Student	5.71	8.07	10.09	11.04	11.98	12.92	13.87	15.89	18.25		
	181.78	10.72	2.12	School	8.93	9.60	10.18	10.45	10.72	10.98	11.25	11.83	12.50		
30	177.89	11.65	7.45	Student	5.38	7.74	9.76	10.72	11.65	12.59	13.54	15.56	17.92		
	182.86	10.67	2.12	School	8.88	9.56	10.13	10.40	10.67	10.93	11.20	11.78	12.45		
35	180.21	11.35	7.45	Student	5.08	7.44	9.46	10.41	11.35	12.28	13.23	15.25	17.62		
	183.86	10.62	2.12	School	8.84	9.51	10.09	10.36	10.62	10.89	11.16	11.74	12.41		
40	182.40	11.06	7.45	Student	4.79	7.15	9.17	10.12	11.06	11.99	12.95	14.97	17.33		
	184.80	10.58	2.12	School	8.80	9.47	10.05	10.32	10.58	10.85	11.12	11.69	12.37		
45	184.53	10.78	7.45	Student	4.51	6.87	8.89	9.84	10.78	11.71	12.67	14.69	17.05		
	185.72	10.54	2.12	School	8.76	9.43	10.00	10.28	10.54	10.81	11.08	11.65	12.33		
50	186.62	10.50	7.45	Student	4.23	6.59	8.61	9.57	10.50	11.44	12.39	14.41	16.77		
	186.62	10.50	2.12	School	8.72	9.39	9.97	10.24	10.50	10.77	11.04	11.61	12.29		
55	188.71	10.23	7.45	Student	3.96	6.32	8.34	9.29	10.23	11.16	12.11	14.13	16.50		
	187.52	10.46	2.12	School	8.68	9.35	9.93	10.20	10.46	10.73	11.00	11.57	12.25		
60	190.84	9.95	7.45	Student	3.68	6.04	8.06	9.01	9.95	10.88	11.83	13.85	16.22		
	188.44	10.42	2.12	School	8.64	9.31	9.89	10.16	10.42	10.69	10.96	11.53	12.21		
65	193.04	9.66	7.45	Student	3.39	5.75	7.77	8.72	9.66	10.59	11.55	13.57	15.93		
	189.39	10.38	2.12	School	8.60	9.27	9.84	10.11	10.38	10.65	10.92	11.49	12.16		
70	195.35	9.35	7.45	Student	3.08	5.45	7.47	8.42	9.35	10.29	11.24	13.26	15.62		
	190.38	10.34	2.12	School	8.55	9.23	9.80	10.07	10.34	10.60	10.87	11.45	12.12		
75	197.85	9.02	7.45	Student	2.75	5.12	7.14	8.09	9.02	9.96	10.91	12.93	15.30		
	191.46	10.29	2.12	School	8.51	9.18	9.75	10.02	10.29	10.56	10.83	11.40	12.07		
80	200.63	8.66	7.45	Student	2.39	4.75	6.77	7.72	8.66	9.59	10.55	12.57	14.93		
	192.66	10.24	2.12	School	8.45	9.13	9.70	9.97	10.24	10.50	10.77	11.35	12.02		
85	203.88	8.23	7.45	Student	1.96	4.32	6.34	7.29	8.23	9.17	10.12	12.14	14.50		
	194.06	10.18	2.12	School	8.39	9.06	9.64	9.91	10.18	10.44	10.71	11.29	11.96		
90	207.96	7.69	7.45	Student	1.42	3.79	5.81	6.76	7.69	8.63	9.58	11.60	13.96		
	195.82	10.10	2.12	School	8.31	8.99	9.56	9.83	10.10	10.36	10.64	11.21	11.88		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.24: Reading Grade 3
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	165.28	11.37 7.62	Student	4.96	7.37	9.44	10.41	11.37	12.32	13.30	15.36	17.78	
	177.42	10.44 1.85	School	8.87	9.46	9.97	10.20	10.44	10.67	10.90	11.41	12.00	
15	169.36	11.14 7.62	Student	4.73	7.15	9.21	10.19	11.14	12.10	13.07	15.14	17.55	
	179.18	10.39 1.85	School	8.83	9.42	9.92	10.16	10.39	10.62	10.86	11.36	11.95	
20	172.61	10.97 7.62	Student	4.56	6.97	9.04	10.01	10.97	11.92	12.90	14.96	17.38	
	180.58	10.35 1.85	School	8.79	9.38	9.88	10.12	10.35	10.59	10.82	11.33	11.91	
25	175.39	10.81 7.62	Student	4.40	6.82	8.88	9.86	10.81	11.77	12.74	14.81	17.22	
	181.78	10.32 1.85	School	8.76	9.35	9.85	10.09	10.32	10.56	10.79	11.30	11.88	
30	177.89	10.68 7.62	Student	4.27	6.68	8.75	9.72	10.68	11.63	12.61	14.67	17.09	
	182.86	10.30 1.85	School	8.74	9.32	9.83	10.06	10.30	10.53	10.77	11.27	11.86	
35	180.21	10.55 7.62	Student	4.14	6.56	8.62	9.59	10.55	11.51	12.48	14.54	16.96	
	183.86	10.27 1.85	School	8.71	9.30	9.80	10.04	10.27	10.50	10.74	11.24	11.83	
40	182.40	10.43 7.62	Student	4.02	6.44	8.50	9.47	10.43	11.39	12.36	14.42	16.84	
	184.80	10.25 1.85	School	8.69	9.27	9.78	10.01	10.25	10.48	10.72	11.22	11.81	
45	184.53	10.31 7.62	Student	3.90	6.32	8.38	9.36	10.31	11.27	12.24	14.31	16.72	
	185.72	10.22 1.85	School	8.66	9.25	9.75	9.99	10.22	10.46	10.69	11.19	11.78	
50	186.62	10.20 7.62	Student	3.79	6.21	8.27	9.24	10.20	11.16	12.13	14.19	16.61	
	186.62	10.20 1.85	School	8.64	9.23	9.73	9.97	10.20	10.43	10.67	11.17	11.76	
55	188.71	10.08 7.62	Student	3.68	6.09	8.16	9.13	10.08	11.04	12.01	14.08	16.49	
	187.52	10.18 1.85	School	8.62	9.20	9.71	9.94	10.18	10.41	10.65	11.15	11.74	
60	190.84	9.97 7.62	Student	3.56	5.97	8.04	9.01	9.97	10.93	11.90	13.96	16.38	
	188.44	10.15 1.85	School	8.59	9.18	9.68	9.92	10.15	10.39	10.62	11.13	11.71	
65	193.04	9.85 7.62	Student	3.44	5.85	7.92	8.89	9.85	10.81	11.78	13.84	16.26	
	189.39	10.13 1.85	School	8.57	9.16	9.66	9.90	10.13	10.36	10.60	11.10	11.69	
70	195.35	9.72 7.62	Student	3.31	5.73	7.79	8.76	9.72	10.68	11.65	13.72	16.13	
	190.38	10.10 1.85	School	8.54	9.13	9.63	9.87	10.10	10.34	10.57	11.08	11.66	
75	197.85	9.58 7.62	Student	3.18	5.59	7.66	8.63	9.58	10.54	11.51	13.58	15.99	
	191.46	10.08 1.85	School	8.51	9.10	9.61	9.84	10.08	10.31	10.55	11.05	11.64	
80	200.63	9.43 7.62	Student	3.02	5.44	7.50	8.48	9.43	10.39	11.36	13.43	15.84	
	192.66	10.04 1.85	School	8.48	9.07	9.57	9.81	10.04	10.28	10.51	11.02	11.61	
85	203.88	9.25 7.62	Student	2.85	5.26	7.33	8.30	9.25	10.21	11.18	13.25	15.66	
	194.06	10.01 1.85	School	8.45	9.04	9.54	9.78	10.01	10.24	10.48	10.98	11.57	
90	207.96	9.03 7.62	Student	2.62	5.04	7.10	8.07	9.03	9.99	10.96	13.02	15.44	
	195.82	9.96 1.85	School	8.40	8.99	9.49	9.73	9.96	10.20	10.43	10.94	11.52	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.25: Reading Grade 3
Winter To Spring Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	173.21	4.21	5.32	Student	-0.27	1.42	2.86	3.54	4.21	4.88	5.56	7.00	8.68		
	184.80	3.19	0.92	School	2.42	2.71	2.96	3.08	3.19	3.31	3.43	3.68	3.97		
15	177.17	4.02	5.32	Student	-0.45	1.23	2.67	3.35	4.02	4.69	5.37	6.81	8.50		
	186.54	3.20	0.92	School	2.43	2.72	2.97	3.08	3.20	3.32	3.43	3.68	3.97		
20	180.32	3.87	5.32	Student	-0.60	1.08	2.52	3.20	3.87	4.54	5.22	6.66	8.35		
	187.93	3.20	0.92	School	2.43	2.72	2.97	3.09	3.20	3.32	3.44	3.69	3.98		
25	183.01	3.74	5.32	Student	-0.73	0.95	2.39	3.07	3.74	4.41	5.09	6.53	8.22		
	189.11	3.21	0.92	School	2.43	2.73	2.98	3.09	3.21	3.32	3.44	3.69	3.98		
30	185.44	3.63	5.32	Student	-0.85	0.84	2.28	2.96	3.63	4.29	4.97	6.41	8.10		
	190.18	3.21	0.92	School	2.44	2.73	2.98	3.10	3.21	3.33	3.44	3.69	3.98		
35	187.68	3.52	5.32	Student	-0.96	0.73	2.17	2.85	3.52	4.19	4.87	6.31	7.99		
	191.17	3.21	0.92	School	2.44	2.73	2.98	3.10	3.21	3.33	3.45	3.70	3.99		
40	189.81	3.42	5.32	Student	-1.06	0.63	2.07	2.75	3.42	4.09	4.76	6.21	7.89		
	192.10	3.22	0.92	School	2.44	2.74	2.98	3.10	3.22	3.33	3.45	3.70	3.99		
45	191.87	3.32	5.32	Student	-1.16	0.53	1.97	2.65	3.32	3.99	4.67	6.11	7.79		
	193.01	3.22	0.92	School	2.45	2.74	2.99	3.10	3.22	3.34	3.45	3.70	3.99		
50	193.90	3.22	5.32	Student	-1.25	0.43	1.88	2.55	3.22	3.89	4.57	6.01	7.70		
	193.90	3.22	0.92	School	2.45	2.74	2.99	3.11	3.22	3.34	3.46	3.70	4.00		
55	195.93	3.13	5.32	Student	-1.35	0.34	1.78	2.46	3.13	3.79	4.47	5.91	7.60		
	194.79	3.23	0.92	School	2.45	2.74	2.99	3.11	3.23	3.34	3.46	3.71	4.00		
60	197.99	3.03	5.32	Student	-1.45	0.24	1.68	2.36	3.03	3.70	4.37	5.82	7.50		
	195.70	3.23	0.92	School	2.45	2.75	3.00	3.11	3.23	3.34	3.46	3.71	4.00		
65	200.12	2.93	5.32	Student	-1.55	0.14	1.58	2.26	2.93	3.59	4.27	5.71	7.40		
	196.64	3.23	0.92	School	2.46	2.75	3.00	3.12	3.23	3.35	3.46	3.71	4.00		
70	202.37	2.82	5.32	Student	-1.66	0.03	1.47	2.15	2.82	3.49	4.17	5.61	7.29		
	197.62	3.23	0.92	School	2.46	2.75	3.00	3.12	3.23	3.35	3.47	3.72	4.01		
75	204.79	2.70	5.32	Student	-1.77	-0.08	1.36	2.04	2.70	3.37	4.05	5.49	7.18		
	198.69	3.24	0.92	School	2.46	2.76	3.00	3.12	3.24	3.35	3.47	3.72	4.01		
80	207.49	2.57	5.32	Student	-1.90	-0.21	1.23	1.91	2.57	3.24	3.92	5.36	7.05		
	199.88	3.24	0.92	School	2.47	2.76	3.01	3.13	3.24	3.36	3.47	3.72	4.01		
85	210.63	2.42	5.32	Student	-2.05	-0.36	1.08	1.76	2.42	3.09	3.77	5.21	6.90		
	201.26	3.24	0.92	School	2.47	2.76	3.01	3.13	3.24	3.36	3.48	3.73	4.02		
90	214.59	2.24	5.32	Student	-2.24	-0.55	0.89	1.57	2.24	2.90	3.58	5.02	6.71		
	203.00	3.25	0.92	School	2.48	2.77	3.02	3.13	3.25	3.37	3.48	3.73	4.02		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.26: Reading Grade 4
Last Winter To Winter Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	171.75	11.38	5.99	Student	6.34	8.24	9.87	10.63	11.38	12.14	12.90	14.53	16.43
	184.09	9.47	1.34	School	8.34	8.77	9.13	9.31	9.47	9.64	9.81	10.18	10.60
15	175.97	10.87	5.99	Student	5.82	7.72	9.35	10.11	10.87	11.62	12.38	14.01	15.91
	185.95	9.32	1.34	School	8.19	8.62	8.98	9.15	9.32	9.49	9.66	10.02	10.45
20	179.33	10.45	5.99	Student	5.41	7.31	8.93	9.70	10.45	11.21	11.97	13.60	15.50
	187.43	9.20	1.34	School	8.07	8.50	8.86	9.03	9.20	9.37	9.54	9.90	10.33
25	182.21	10.10	5.99	Student	5.06	6.96	8.58	9.35	10.10	10.85	11.62	13.24	15.14
	188.70	9.09	1.34	School	7.96	8.39	8.75	8.93	9.09	9.26	9.43	9.80	10.22
30	184.79	9.78	5.99	Student	4.74	6.64	8.26	9.03	9.78	10.54	11.30	12.93	14.83
	189.84	9.00	1.34	School	7.87	8.30	8.66	8.83	9.00	9.17	9.34	9.70	10.13
35	187.19	9.49	5.99	Student	4.44	6.35	7.97	8.74	9.49	10.24	11.01	12.63	14.53
	190.90	8.91	1.34	School	7.78	8.21	8.57	8.75	8.91	9.08	9.25	9.62	10.04
40	189.46	9.21	5.99	Student	4.16	6.07	7.69	8.46	9.21	9.96	10.73	12.35	14.25
	191.90	8.83	1.34	School	7.70	8.13	8.49	8.66	8.83	9.00	9.17	9.54	9.96
45	191.66	8.94	5.99	Student	3.89	5.80	7.42	8.19	8.94	9.69	10.46	12.08	13.98
	192.87	8.75	1.34	School	7.62	8.05	8.41	8.58	8.75	8.92	9.09	9.46	9.88
50	193.82	8.67	5.99	Student	3.63	5.53	7.15	7.92	8.67	9.43	10.19	11.82	13.72
	193.82	8.67	1.34	School	7.54	7.97	8.33	8.50	8.67	8.84	9.01	9.38	9.80
55	195.99	8.41	5.99	Student	3.36	5.26	6.89	7.65	8.41	9.16	9.93	11.55	13.45
	194.78	8.59	1.34	School	7.47	7.89	8.25	8.43	8.59	8.76	8.93	9.30	9.72
60	198.19	8.14	5.99	Student	3.09	4.99	6.62	7.38	8.14	8.89	9.66	11.28	13.18
	195.75	8.52	1.34	School	7.39	7.81	8.18	8.35	8.52	8.68	8.86	9.22	9.64
65	200.46	7.86	5.99	Student	2.81	4.72	6.34	7.11	7.86	8.61	9.38	11.00	12.90
	196.75	8.43	1.34	School	7.30	7.73	8.09	8.26	8.43	8.60	8.77	9.14	9.56
70	202.85	7.56	5.99	Student	2.52	4.42	6.05	6.81	7.56	8.32	9.08	10.71	12.61
	197.80	8.35	1.34	School	7.22	7.64	8.01	8.18	8.35	8.51	8.69	9.05	9.48
75	205.44	7.25	5.99	Student	2.20	4.10	5.73	6.49	7.25	8.00	8.77	10.39	12.29
	198.94	8.25	1.34	School	7.12	7.55	7.91	8.08	8.25	8.42	8.59	8.96	9.38
80	208.32	6.89	5.99	Student	1.85	3.75	5.37	6.14	6.89	7.65	8.41	10.04	11.94
	200.21	8.15	1.34	School	7.02	7.44	7.81	7.98	8.15	8.32	8.49	8.85	9.28
85	211.67	6.48	5.99	Student	1.44	3.34	4.96	5.73	6.48	7.23	8.00	9.62	11.53
	201.69	8.03	1.34	School	6.90	7.32	7.69	7.86	8.03	8.19	8.37	8.73	9.16
90	215.89	5.96	5.99	Student	0.92	2.82	4.44	5.21	5.96	6.72	7.48	9.11	11.01
	203.55	7.87	1.34	School	6.74	7.17	7.53	7.70	7.87	8.04	8.21	8.58	9.00

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.27: Reading Grade 4
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	174.47	3.46	8.23	Student	-3.47	-0.86	1.37	2.42	3.46	4.49	5.54	7.77	10.38	
	187.08	0.98	2.66	School	-1.26	-0.42	0.31	0.65	0.98	1.32	1.66	2.38	3.22	
15	178.80	2.71	8.23	Student	-4.22	-1.60	0.63	1.68	2.71	3.75	4.80	7.03	9.64	
	189.00	0.71	2.66	School	-1.53	-0.69	0.03	0.37	0.71	1.04	1.38	2.11	2.95	
20	182.25	2.12	8.23	Student	-4.81	-2.20	0.03	1.08	2.12	3.15	4.20	6.43	9.04	
	190.52	0.49	2.66	School	-1.75	-0.91	-0.18	0.16	0.49	0.83	1.17	1.89	2.73	
25	185.20	1.61	8.23	Student	-5.32	-2.71	-0.48	0.57	1.61	2.64	3.69	5.92	8.54	
	191.83	0.30	2.66	School	-1.94	-1.09	-0.37	-0.03	0.30	0.64	0.98	1.70	2.55	
30	187.85	1.15	8.23	Student	-5.78	-3.16	-0.93	0.12	1.15	2.19	3.24	5.47	8.08	
	193.01	0.14	2.66	School	-2.10	-1.26	-0.54	-0.20	0.14	0.47	0.81	1.53	2.38	
35	190.31	0.73	8.23	Student	-6.20	-3.59	-1.36	-0.31	0.73	1.76	2.81	5.04	7.65	
	194.10	-0.02	2.66	School	-2.26	-1.41	-0.69	-0.35	-0.02	0.32	0.66	1.38	2.23	
40	192.64	0.33	8.23	Student	-6.60	-3.99	-1.76	-0.71	0.33	1.36	2.41	4.64	7.25	
	195.13	-0.16	2.66	School	-2.41	-1.56	-0.84	-0.50	-0.16	0.17	0.51	1.23	2.08	
45	194.90	-0.06	8.23	Student	-6.99	-4.38	-2.15	-1.10	-0.06	0.97	2.02	4.25	6.86	
	196.13	-0.31	2.66	School	-2.55	-1.70	-0.98	-0.64	-0.31	0.03	0.37	1.09	1.94	
50	197.12	-0.45	8.23	Student	-7.37	-4.76	-2.53	-1.48	-0.45	0.59	1.64	3.87	6.48	
	197.12	-0.45	2.66	School	-2.69	-1.84	-1.12	-0.78	-0.45	-0.11	0.23	0.95	1.80	
55	199.34	-0.83	8.23	Student	-7.76	-5.15	-2.91	-1.86	-0.83	0.21	1.26	3.49	6.10	
	198.10	-0.59	2.66	School	-2.83	-1.98	-1.26	-0.92	-0.59	-0.25	0.09	0.81	1.66	
60	201.60	-1.22	8.23	Student	-8.14	-5.53	-3.30	-2.25	-1.22	-0.18	0.87	3.10	5.71	
	199.10	-0.73	2.66	School	-2.97	-2.13	-1.40	-1.06	-0.73	-0.39	-0.05	0.67	1.51	
65	203.93	-1.62	8.23	Student	-8.55	-5.94	-3.71	-2.65	-1.62	-0.59	0.47	2.70	5.31	
	200.14	-0.88	2.66	School	-3.12	-2.27	-1.55	-1.21	-0.88	-0.54	-0.20	0.52	1.37	
70	206.39	-2.04	8.23	Student	-8.97	-6.36	-4.13	-3.08	-2.04	-1.01	0.04	2.27	4.88	
	201.23	-1.03	2.66	School	-3.27	-2.43	-1.71	-1.37	-1.03	-0.70	-0.36	0.37	1.21	
75	209.04	-2.50	8.23	Student	-9.43	-6.82	-4.59	-3.54	-2.50	-1.47	-0.42	1.81	4.43	
	202.40	-1.20	2.66	School	-3.44	-2.59	-1.87	-1.53	-1.20	-0.86	-0.52	0.20	1.05	
80	211.99	-3.01	8.23	Student	-9.94	-7.33	-5.10	-4.04	-3.01	-1.98	-0.93	1.31	3.92	
	203.71	-1.38	2.66	School	-3.63	-2.78	-2.06	-1.72	-1.38	-1.05	-0.71	0.01	0.86	
85	215.43	-3.60	8.23	Student	-10.5	-7.92	-5.69	-4.64	-3.60	-2.57	-1.52	0.71	3.32	
	205.24	-1.60	2.66	School	-3.84	-3.00	-2.28	-1.94	-1.60	-1.27	-0.93	-0.20	0.64	
90	219.77	-4.35	8.23	Student	-11.3	-8.67	-6.44	-5.38	-4.35	-3.32	-2.27	-0.03	2.58	
	207.16	-1.87	2.66	School	-4.12	-3.27	-2.55	-2.21	-1.87	-1.54	-1.20	-0.48	0.37	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.28: Reading Grade 4
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	174.47 187.08	11.30 8.91 6.69 1.81	Student School	5.67 7.39	7.79 7.97	9.60 8.46	10.46 8.69	11.30 8.91	12.14 9.14	12.99 9.37	14.81 9.86	16.93 10.43	
15	178.80 189.00	10.61 8.68 6.69 1.81	Student School	4.98 7.16	7.10 7.74	8.92 8.23	9.77 8.46	10.61 8.68	11.45 8.91	12.31 9.14	14.12 9.63	16.25 10.20	
20	182.25 190.52	10.07 8.50 6.69 1.81	Student School	4.43 6.98	6.56 7.55	8.37 8.04	9.23 8.27	10.07 8.50	10.91 8.73	11.76 8.96	13.58 9.45	15.70 10.02	
25	185.20 191.83	9.60 8.34 6.69 1.81	Student School	3.97 6.82	6.09 7.40	7.90 7.89	8.76 8.12	9.60 8.34	10.44 8.57	11.29 8.80	13.11 9.29	15.23 9.86	
30	187.85 193.01	9.18 8.20 6.69 1.81	Student School	3.55 6.68	5.67 7.26	7.48 7.74	8.34 7.98	9.18 8.20	10.02 8.43	10.87 8.66	12.69 9.15	14.81 9.72	
35	190.31 194.10	8.79 8.07 6.69 1.81	Student School	3.16 6.55	5.28 7.12	7.09 7.61	7.95 7.84	8.79 8.07	9.63 8.30	10.48 8.53	12.30 9.02	14.42 9.59	
40	192.64 195.13	8.42 7.95 6.69 1.81	Student School	2.79 6.43	4.91 7.00	6.72 7.49	7.58 7.72	8.42 7.95	9.26 8.17	10.11 8.41	11.93 8.90	14.05 9.47	
45	194.90 196.13	8.06 7.83 6.69 1.81	Student School	2.43 6.31	4.55 6.88	6.37 7.37	7.22 7.60	8.06 7.83	8.90 8.05	9.76 8.29	11.57 8.78	13.69 9.35	
50	197.12 197.12	7.71 7.71 6.69 1.81	Student School	2.08 6.19	4.20 6.76	6.01 7.25	6.87 7.48	7.71 7.71	8.55 7.94	9.41 8.17	11.22 8.66	13.34 9.23	
55	199.34 198.10	7.36 7.59 6.69 1.81	Student School	1.73 6.07	3.85 6.64	5.66 7.13	6.52 7.36	7.36 7.59	8.20 7.82	9.05 8.05	10.87 8.54	12.99 9.11	
60	201.60 199.10	7.00 7.47 6.69 1.81	Student School	1.37 5.95	3.49 6.52	5.30 7.01	6.16 7.24	7.00 7.47	7.84 7.70	8.70 7.93	10.51 8.42	12.63 8.99	
65	203.93 200.14	6.63 7.35 6.69 1.81	Student School	1.00 5.83	3.12 6.40	4.93 6.89	5.79 7.12	6.63 7.35	7.47 7.57	8.33 7.81	10.14 8.30	12.26 8.87	
70	206.39 201.23	6.24 7.22 6.69 1.81	Student School	0.61 5.70	2.73 6.27	4.55 6.76	5.40 6.99	6.24 7.22	7.08 7.44	7.94 7.67	9.75 8.16	11.87 8.74	
75	209.04 202.40	5.82 7.08 6.69 1.81	Student School	0.19 5.56	2.31 6.13	4.13 6.62	4.98 6.85	5.82 7.08	6.66 7.30	7.52 7.53	9.33 8.02	11.45 8.60	
80	211.99 203.71	5.35 6.92 6.69 1.81	Student School	-0.28 5.40	1.84 5.97	3.66 6.46	4.51 6.69	5.35 6.92	6.19 7.15	7.05 7.38	8.86 7.87	10.99 8.44	
85	215.43 205.24	4.81 6.74 6.69 1.81	Student School	-0.83 5.22	1.30 5.79	3.11 6.28	3.97 6.51	4.81 6.74	5.65 6.96	6.50 7.19	8.32 7.68	10.44 8.26	
90	219.77 207.16	4.12 6.51 6.69 1.81	Student School	-1.51 4.99	0.61 5.56	2.42 6.05	3.28 6.28	4.12 6.51	4.96 6.73	5.82 6.96	7.63 7.45	9.75 8.03	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.29: Reading Grade 4
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth								
		Mean	SD		CGI	20	30	40	45	50	55	60	70
10	175.17	7.76	5.56	Student	3.08	4.85	6.35	7.06	7.76	8.46	9.17	10.68	12.44
	187.41	6.12	1.18	School	5.13	5.50	5.82	5.98	6.12	6.27	6.42	6.75	7.12
15	179.28	7.39	5.56	Student	2.71	4.47	5.98	6.69	7.39	8.09	8.80	10.31	12.07
	189.18	6.07	1.18	School	5.07	5.45	5.77	5.92	6.07	6.22	6.37	6.69	7.06
20	182.55	7.10	5.56	Student	2.42	4.18	5.69	6.40	7.10	7.79	8.50	10.01	11.77
	190.59	6.02	1.18	School	5.02	5.40	5.72	5.87	6.02	6.17	6.32	6.64	7.02
25	185.35	6.84	5.56	Student	2.16	3.93	5.43	6.14	6.84	7.54	8.25	9.76	11.52
	191.80	5.98	1.18	School	4.99	5.36	5.68	5.83	5.98	6.13	6.28	6.60	6.98
30	187.87	6.62	5.56	Student	1.94	3.70	5.21	5.92	6.62	7.31	8.02	9.53	11.29
	192.88	5.95	1.18	School	4.95	5.33	5.65	5.80	5.95	6.10	6.25	6.57	6.94
35	190.21	6.41	5.56	Student	1.73	3.49	5.00	5.71	6.41	7.10	7.81	9.32	11.08
	193.89	5.91	1.18	School	4.92	5.29	5.61	5.77	5.91	6.06	6.21	6.54	6.91
40	192.42	6.21	5.56	Student	1.53	3.29	4.80	5.51	6.21	6.91	7.62	9.12	10.89
	194.84	5.88	1.18	School	4.89	5.26	5.58	5.73	5.88	6.03	6.18	6.50	6.88
45	194.56	6.01	5.56	Student	1.34	3.10	4.61	5.32	6.01	6.71	7.42	8.93	10.69
	195.76	5.85	1.18	School	4.86	5.23	5.55	5.70	5.85	6.00	6.15	6.47	6.85
50	196.67	5.82	5.56	Student	1.15	2.91	4.42	5.13	5.82	6.52	7.23	8.74	10.50
	196.67	5.82	1.18	School	4.83	5.20	5.52	5.67	5.82	5.97	6.12	6.44	6.82
55	198.78	5.63	5.56	Student	0.96	2.72	4.23	4.94	5.63	6.33	7.04	8.55	10.31
	197.58	5.79	1.18	School	4.80	5.17	5.49	5.65	5.79	5.94	6.09	6.42	6.79
60	200.92	5.44	5.56	Student	0.76	2.53	4.03	4.74	5.44	6.14	6.85	8.36	10.12
	198.50	5.76	1.18	School	4.77	5.14	5.46	5.62	5.76	5.91	6.06	6.39	6.76
65	203.14	5.24	5.56	Student	0.56	2.33	3.83	4.54	5.24	5.94	6.65	8.16	9.92
	199.46	5.73	1.18	School	4.74	5.11	5.43	5.58	5.73	5.88	6.03	6.35	6.73
70	205.47	5.03	5.56	Student	0.35	2.12	3.62	4.33	5.03	5.73	6.44	7.95	9.71
	200.46	5.70	1.18	School	4.70	5.08	5.40	5.55	5.70	5.85	6.00	6.32	6.70
75	207.99	4.80	5.56	Student	0.13	1.89	3.40	4.11	4.80	5.50	6.21	7.72	9.48
	201.55	5.67	1.18	School	4.67	5.04	5.37	5.52	5.67	5.81	5.97	6.29	6.66
80	210.80	4.55	5.56	Student	-0.13	1.64	3.14	3.85	4.55	5.25	5.96	7.47	9.23
	202.76	5.63	1.18	School	4.63	5.01	5.33	5.48	5.63	5.78	5.93	6.25	6.62
85	214.07	4.26	5.56	Student	-0.42	1.34	2.85	3.56	4.26	4.96	5.67	7.17	8.94
	204.17	5.58	1.18	School	4.58	4.96	5.28	5.43	5.58	5.73	5.88	6.20	6.58
90	218.18	3.89	5.56	Student	-0.79	0.97	2.48	3.19	3.89	4.59	5.30	6.80	8.57
	205.94	5.52	1.18	School	4.53	4.90	5.22	5.37	5.52	5.67	5.82	6.14	6.52

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.30: Reading Grade 4
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	175.17	10.92	7.22	Student	4.85	7.14	9.09	10.01	10.92	11.83	12.75	14.70	16.99	
	187.41	8.68	2.07	School	6.94	7.59	8.16	8.42	8.68	8.94	9.21	9.77	10.43	
15	179.28	10.39	7.22	Student	4.32	6.61	8.56	9.49	10.39	11.30	12.22	14.18	16.46	
	189.18	8.58	2.07	School	6.84	7.49	8.06	8.32	8.58	8.84	9.11	9.67	10.33	
20	182.55	9.97	7.22	Student	3.90	6.19	8.14	9.07	9.97	10.88	11.80	13.76	16.04	
	190.59	8.50	2.07	School	6.76	7.41	7.98	8.24	8.50	8.76	9.03	9.59	10.25	
25	185.35	9.61	7.22	Student	3.54	5.83	7.78	8.70	9.61	10.52	11.44	13.39	15.68	
	191.80	8.43	2.07	School	6.69	7.35	7.91	8.17	8.43	8.69	8.96	9.52	10.18	
30	187.87	9.29	7.22	Student	3.22	5.50	7.46	8.38	9.29	10.19	11.12	13.07	15.36	
	192.88	8.37	2.07	School	6.63	7.28	7.85	8.11	8.37	8.63	8.90	9.46	10.12	
35	190.21	8.99	7.22	Student	2.92	5.20	7.16	8.08	8.99	9.89	10.82	12.77	15.06	
	193.89	8.31	2.07	School	6.57	7.23	7.79	8.05	8.31	8.57	8.84	9.40	10.06	
40	192.42	8.70	7.22	Student	2.63	4.92	6.87	7.80	8.70	9.61	10.53	12.49	14.77	
	194.84	8.26	2.07	School	6.52	7.17	7.73	8.00	8.26	8.52	8.78	9.35	10.00	
45	194.56	8.43	7.22	Student	2.35	4.64	6.60	7.52	8.43	9.33	10.26	12.21	14.50	
	195.76	8.21	2.07	School	6.46	7.12	7.68	7.95	8.21	8.47	8.73	9.29	9.95	
50	196.67	8.16	7.22	Student	2.08	4.37	6.33	7.25	8.16	9.06	9.98	11.94	14.23	
	196.67	8.16	2.07	School	6.41	7.07	7.63	7.90	8.16	8.42	8.68	9.24	9.90	
55	198.78	7.88	7.22	Student	1.81	4.10	6.06	6.98	7.88	8.79	9.71	11.67	13.96	
	197.58	8.10	2.07	School	6.36	7.02	7.58	7.84	8.10	8.36	8.63	9.19	9.85	
60	200.92	7.61	7.22	Student	1.54	3.83	5.78	6.70	7.61	8.52	9.44	11.39	13.68	
	198.50	8.05	2.07	School	6.31	6.97	7.53	7.79	8.05	8.31	8.58	9.14	9.80	
65	203.14	7.32	7.22	Student	1.25	3.54	5.50	6.42	7.32	8.23	9.15	11.11	13.40	
	199.46	8.00	2.07	School	6.25	6.91	7.47	7.74	8.00	8.26	8.52	9.08	9.74	
70	205.47	7.02	7.22	Student	0.95	3.24	5.20	6.12	7.02	7.93	8.85	10.81	13.10	
	200.46	7.94	2.07	School	6.20	6.85	7.42	7.68	7.94	8.20	8.47	9.03	9.69	
75	207.99	6.70	7.22	Student	0.63	2.92	4.87	5.79	6.70	7.61	8.53	10.48	12.77	
	201.55	7.88	2.07	School	6.14	6.79	7.35	7.62	7.88	8.14	8.40	8.97	9.62	
80	210.80	6.34	7.22	Student	0.27	2.56	4.51	5.43	6.34	7.25	8.17	10.12	12.41	
	202.76	7.81	2.07	School	6.07	6.72	7.29	7.55	7.81	8.07	8.34	8.90	9.55	
85	214.07	5.92	7.22	Student	-0.15	2.14	4.09	5.01	5.92	6.83	7.75	9.70	11.99	
	204.17	7.73	2.07	School	5.99	6.64	7.21	7.47	7.73	7.99	8.26	8.82	9.48	
90	218.18	5.39	7.22	Student	-0.68	1.61	3.56	4.48	5.39	6.30	7.22	9.17	11.46	
	205.94	7.63	2.07	School	5.89	6.54	7.11	7.37	7.63	7.89	8.16	8.72	9.37	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.31: Reading Grade 4
Fall To N Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	175.17	9.02	6.89	Student	3.22	5.41	7.28	8.16	9.02	9.89	10.77	12.63	14.82	
	187.41	8.02	1.40	School	6.84	7.28	7.66	7.84	8.02	8.19	8.37	8.75	9.20	
15	179.28	8.76	6.89	Student	2.96	5.15	7.01	7.89	8.76	9.62	10.50	12.37	14.56	
	189.18	7.95	1.40	School	6.77	7.21	7.59	7.77	7.95	8.12	8.30	8.68	9.12	
20	182.55	8.55	6.89	Student	2.75	4.93	6.80	7.68	8.55	9.41	10.29	12.16	14.34	
	190.59	7.89	1.40	School	6.71	7.15	7.53	7.71	7.89	8.06	8.24	8.62	9.07	
25	185.35	8.37	6.89	Student	2.57	4.75	6.62	7.50	8.37	9.23	10.11	11.98	14.16	
	191.80	7.84	1.40	School	6.66	7.10	7.48	7.66	7.84	8.01	8.19	8.57	9.02	
30	187.87	8.20	6.89	Student	2.41	4.59	6.46	7.34	8.20	9.07	9.95	11.82	14.00	
	192.88	7.79	1.40	School	6.62	7.06	7.44	7.62	7.79	7.97	8.15	8.53	8.97	
35	190.21	8.05	6.89	Student	2.26	4.44	6.31	7.19	8.05	8.92	9.80	11.67	13.85	
	193.89	7.75	1.40	School	6.57	7.02	7.40	7.58	7.75	7.93	8.11	8.49	8.93	
40	192.42	7.91	6.89	Student	2.11	4.30	6.17	7.05	7.91	8.78	9.66	11.52	13.71	
	194.84	7.71	1.40	School	6.53	6.98	7.36	7.54	7.71	7.89	8.07	8.45	8.89	
45	194.56	7.77	6.89	Student	1.98	4.16	6.03	6.91	7.77	8.64	9.52	11.39	13.57	
	195.76	7.68	1.40	School	6.50	6.94	7.32	7.50	7.68	7.85	8.03	8.41	8.85	
50	196.67	7.64	6.89	Student	1.84	4.03	5.89	6.77	7.64	8.50	9.38	11.25	13.44	
	196.67	7.64	1.40	School	6.46	6.90	7.28	7.46	7.64	7.81	7.99	8.37	8.82	
55	198.78	7.50	6.89	Student	1.70	3.89	5.76	6.64	7.50	8.37	9.25	11.12	13.30	
	197.58	7.60	1.40	School	6.42	6.87	7.25	7.43	7.60	7.78	7.96	8.34	8.78	
60	200.92	7.36	6.89	Student	1.57	3.75	5.62	6.50	7.36	8.23	9.11	10.98	13.16	
	198.50	7.56	1.40	School	6.38	6.83	7.21	7.39	7.56	7.74	7.92	8.30	8.74	
65	203.14	7.22	6.89	Student	1.42	3.61	5.48	6.36	7.22	8.09	8.97	10.83	13.02	
	199.46	7.52	1.40	School	6.35	6.79	7.17	7.35	7.52	7.70	7.88	8.26	8.70	
70	205.47	7.07	6.89	Student	1.27	3.46	5.33	6.21	7.07	7.94	8.82	10.68	12.87	
	200.46	7.48	1.40	School	6.30	6.75	7.13	7.31	7.48	7.66	7.84	8.22	8.66	
75	207.99	6.91	6.89	Student	1.11	3.30	5.16	6.04	6.91	7.78	8.66	10.52	12.71	
	201.55	7.44	1.40	School	6.26	6.70	7.08	7.26	7.44	7.61	7.79	8.17	8.62	
80	210.80	6.73	6.89	Student	0.93	3.12	4.98	5.86	6.73	7.60	8.47	10.34	12.53	
	202.76	7.39	1.40	School	6.21	6.65	7.03	7.21	7.39	7.56	7.74	8.12	8.57	
85	214.07	6.52	6.89	Student	0.72	2.91	4.77	5.65	6.52	7.38	8.26	10.13	12.32	
	204.17	7.33	1.40	School	6.15	6.60	6.98	7.16	7.33	7.51	7.69	8.07	8.51	
90	218.18	6.25	6.89	Student	0.46	2.64	4.51	5.39	6.25	7.12	8.00	9.87	12.05	
	205.94	7.26	1.40	School	6.08	6.52	6.90	7.08	7.26	7.43	7.61	7.99	8.44	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.32: Reading Grade 4
Winter To Spring Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	181.67	3.37	5.25	Student	-1.04	0.62	2.04	2.71	3.37	4.03	4.70	6.12	7.79		
	193.40	2.36	0.91	School	1.60	1.89	2.13	2.25	2.36	2.48	2.59	2.84	3.13		
15	185.65	3.17	5.25	Student	-1.24	0.42	1.84	2.51	3.17	3.83	4.50	5.93	7.59		
	195.14	2.36	0.91	School	1.60	1.88	2.13	2.24	2.36	2.47	2.59	2.83	3.12		
20	188.82	3.02	5.25	Student	-1.40	0.26	1.69	2.36	3.02	3.67	4.34	5.77	7.43		
	196.52	2.35	0.91	School	1.59	1.88	2.12	2.24	2.35	2.47	2.58	2.83	3.12		
25	191.53	2.88	5.25	Student	-1.54	0.13	1.55	2.22	2.88	3.54	4.21	5.63	7.30		
	197.71	2.35	0.91	School	1.59	1.87	2.12	2.24	2.35	2.46	2.58	2.82	3.11		
30	193.97	2.76	5.25	Student	-1.66	0.01	1.43	2.10	2.76	3.42	4.09	5.51	7.17		
	198.78	2.35	0.91	School	1.58	1.87	2.12	2.23	2.35	2.46	2.57	2.82	3.11		
35	196.23	2.64	5.25	Student	-1.77	-0.11	1.32	1.99	2.64	3.30	3.97	5.40	7.06		
	199.76	2.34	0.91	School	1.58	1.87	2.11	2.23	2.34	2.46	2.57	2.82	3.10		
40	198.38	2.54	5.25	Student	-1.88	-0.21	1.21	1.88	2.54	3.20	3.87	5.29	6.95		
	200.70	2.34	0.91	School	1.58	1.86	2.11	2.22	2.34	2.45	2.57	2.81	3.10		
45	200.45	2.43	5.25	Student	-1.98	-0.32	1.10	1.77	2.43	3.09	3.76	5.19	6.85		
	201.60	2.34	0.91	School	1.57	1.86	2.11	2.22	2.34	2.45	2.56	2.81	3.10		
50	202.50	2.33	5.25	Student	-2.08	-0.42	1.00	1.67	2.33	2.99	3.66	5.08	6.75		
	202.50	2.33	0.91	School	1.57	1.86	2.10	2.22	2.33	2.45	2.56	2.81	3.09		
55	204.54	2.23	5.25	Student	-2.19	-0.52	0.90	1.57	2.23	2.89	3.56	4.98	6.65		
	203.39	2.33	0.91	School	1.57	1.85	2.10	2.22	2.33	2.44	2.56	2.80	3.09		
60	206.61	2.13	5.25	Student	-2.29	-0.63	0.80	1.47	2.13	2.79	3.46	4.88	6.54		
	204.29	2.33	0.91	School	1.56	1.85	2.10	2.21	2.33	2.44	2.56	2.80	3.09		
65	208.76	2.02	5.25	Student	-2.40	-0.73	0.69	1.36	2.02	2.68	3.35	4.77	6.44		
	205.23	2.32	0.91	School	1.56	1.85	2.09	2.21	2.32	2.44	2.55	2.80	3.08		
70	211.02	1.91	5.25	Student	-2.51	-0.85	0.58	1.25	1.91	2.57	3.24	4.66	6.32		
	206.22	2.32	0.91	School	1.56	1.84	2.09	2.21	2.32	2.43	2.55	2.79	3.08		
75	213.46	1.78	5.25	Student	-2.63	-0.97	0.46	1.13	1.78	2.44	3.11	4.54	6.20		
	207.28	2.32	0.91	School	1.55	1.84	2.09	2.20	2.32	2.43	2.54	2.79	3.08		
80	216.17	1.65	5.25	Student	-2.77	-1.10	0.32	0.99	1.65	2.31	2.98	4.40	6.07		
	208.47	2.31	0.91	School	1.55	1.84	2.08	2.20	2.31	2.42	2.54	2.79	3.07		
85	219.34	1.49	5.25	Student	-2.93	-1.26	0.16	0.83	1.49	2.15	2.82	4.24	5.91		
	209.85	2.31	0.91	School	1.54	1.83	2.08	2.19	2.31	2.42	2.54	2.78	3.07		
90	223.32	1.29	5.25	Student	-3.12	-1.46	-0.04	0.63	1.29	1.95	2.62	4.04	5.71		
	211.59	2.30	0.91	School	1.54	1.83	2.07	2.19	2.30	2.41	2.53	2.77	3.06		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.33: Reading Grade 5
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	180.80	9.68 6.37	Student	4.31	6.34	8.06	8.88	9.68	10.48	11.29	13.02	15.04	
	192.81	7.55 1.46	School	6.32	6.79	7.18	7.37	7.55	7.74	7.92	8.32	8.79	
15	184.88	9.16 6.37	Student	3.79	5.81	7.54	8.36	9.16	9.96	10.77	12.50	14.52	
	194.60	7.44 1.46	School	6.21	6.67	7.07	7.26	7.44	7.62	7.81	8.21	8.67	
20	188.13	8.74 6.37	Student	3.38	5.40	7.13	7.94	8.74	9.54	10.36	12.09	14.11	
	196.02	7.35 1.46	School	6.12	6.58	6.98	7.16	7.35	7.53	7.72	8.12	8.58	
25	190.92	8.39 6.37	Student	3.02	5.05	6.77	7.59	8.39	9.19	10.00	11.73	13.75	
	197.24	7.27 1.46	School	6.04	6.50	6.90	7.09	7.27	7.45	7.64	8.04	8.50	
30	193.42	8.07 6.37	Student	2.70	4.73	6.45	7.27	8.07	8.87	9.68	11.41	13.43	
	198.34	7.20 1.46	School	5.97	6.43	6.83	7.02	7.20	7.38	7.57	7.97	8.43	
35	195.74	7.77 6.37	Student	2.41	4.43	6.16	6.97	7.77	8.57	9.39	11.12	13.14	
	199.35	7.13 1.46	School	5.90	6.37	6.76	6.95	7.13	7.32	7.50	7.90	8.37	
40	197.94	7.49 6.37	Student	2.13	4.15	5.88	6.69	7.49	8.29	9.11	10.83	12.86	
	200.32	7.07 1.46	School	5.84	6.30	6.70	6.89	7.07	7.26	7.44	7.84	8.30	
45	200.07	7.22 6.37	Student	1.86	3.88	5.61	6.42	7.22	8.02	8.84	10.56	12.58	
	201.25	7.01 1.46	School	5.78	6.24	6.64	6.83	7.01	7.20	7.38	7.78	8.24	
50	202.17	6.95 6.37	Student	1.59	3.61	5.34	6.15	6.95	7.75	8.57	10.30	12.32	
	202.17	6.95 1.46	School	5.72	6.19	6.58	6.77	6.95	7.14	7.32	7.72	8.19	
55	204.26	6.69 6.37	Student	1.32	3.34	5.07	5.89	6.69	7.49	8.30	10.03	12.05	
	203.08	6.89 1.46	School	5.66	6.13	6.52	6.71	6.89	7.08	7.27	7.66	8.13	
60	206.39	6.41 6.37	Student	1.05	3.07	4.80	5.61	6.41	7.22	8.03	9.76	11.78	
	204.02	6.83 1.46	School	5.60	6.07	6.46	6.65	6.83	7.02	7.21	7.60	8.07	
65	208.59	6.13 6.37	Student	0.77	2.79	4.52	5.33	6.13	6.94	7.75	9.48	11.50	
	204.98	6.77 1.46	School	5.54	6.01	6.40	6.59	6.77	6.96	7.14	7.54	8.00	
70	210.91	5.84 6.37	Student	0.47	2.50	4.22	5.04	5.84	6.64	7.45	9.18	11.20	
	205.99	6.71 1.46	School	5.48	5.94	6.34	6.52	6.71	6.89	7.08	7.48	7.94	
75	213.41	5.52 6.37	Student	0.15	2.18	3.90	4.72	5.52	6.32	7.13	8.86	10.88	
	207.09	6.64 1.46	School	5.41	5.87	6.27	6.45	6.64	6.82	7.01	7.40	7.87	
80	216.20	5.16 6.37	Student	-0.20	1.82	3.55	4.36	5.16	5.96	6.78	8.51	10.53	
	208.31	6.56 1.46	School	5.33	5.79	6.19	6.38	6.56	6.74	6.93	7.33	7.79	
85	219.45	4.75 6.37	Student	-0.61	1.41	3.13	3.95	4.75	5.55	6.36	8.09	10.11	
	209.73	6.47 1.46	School	5.24	5.70	6.10	6.28	6.47	6.65	6.84	7.24	7.70	
90	223.54	4.23 6.37	Student	-1.14	0.89	2.61	3.43	4.23	5.03	5.84	7.57	9.59	
	211.52	6.35 1.46	School	5.12	5.59	5.98	6.17	6.35	6.54	6.72	7.12	7.58	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.34: Reading Grade 5
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	182.83	3.44	8.15	Student	-3.42	-0.84	1.37	2.41	3.44	4.46	5.50	7.72	10.30	
	195.10	0.75	2.27	School	-1.16	-0.44	0.18	0.46	0.75	1.03	1.32	1.94	2.66	
15	186.99	2.76	8.15	Student	-4.10	-1.52	0.69	1.74	2.76	3.78	4.83	7.04	9.62	
	196.91	0.58	2.27	School	-1.32	-0.60	0.01	0.30	0.58	0.87	1.16	1.77	2.49	
20	190.30	2.22	8.15	Student	-4.64	-2.06	0.15	1.20	2.22	3.24	4.29	6.50	9.08	
	198.35	0.45	2.27	School	-1.45	-0.73	-0.12	0.17	0.45	0.74	1.03	1.64	2.36	
25	193.14	1.76	8.15	Student	-5.11	-2.52	-0.31	0.73	1.76	2.78	3.82	6.03	8.62	
	199.59	0.34	2.27	School	-1.57	-0.85	-0.23	0.06	0.34	0.63	0.92	1.53	2.25	
30	195.69	1.34	8.15	Student	-5.52	-2.94	-0.72	0.32	1.34	2.37	3.41	5.62	8.20	
	200.70	0.24	2.27	School	-1.67	-0.95	-0.33	-0.04	0.24	0.53	0.82	1.43	2.15	
35	198.05	0.96	8.15	Student	-5.91	-3.32	-1.11	-0.07	0.96	1.98	3.02	5.23	7.82	
	201.74	0.15	2.27	School	-1.76	-1.04	-0.43	-0.14	0.15	0.43	0.72	1.34	2.05	
40	200.29	0.59	8.15	Student	-6.27	-3.69	-1.48	-0.43	0.59	1.62	2.66	4.87	7.45	
	202.71	0.06	2.27	School	-1.85	-1.13	-0.52	-0.23	0.06	0.34	0.63	1.25	1.97	
45	202.46	0.24	8.15	Student	-6.63	-4.04	-1.83	-0.79	0.24	1.26	2.30	4.51	7.10	
	203.66	-0.03	2.27	School	-1.93	-1.22	-0.60	-0.31	-0.03	0.26	0.55	1.16	1.88	
50	204.59	-0.11	8.15	Student	-6.97	-4.39	-2.18	-1.14	-0.11	0.91	1.95	4.17	6.75	
	204.59	-0.11	2.27	School	-2.02	-1.30	-0.69	-0.40	-0.11	0.17	0.46	1.08	1.80	
55	206.72	-0.46	8.15	Student	-7.32	-4.74	-2.53	-1.48	-0.46	0.57	1.61	3.82	6.40	
	205.52	-0.20	2.27	School	-2.10	-1.38	-0.77	-0.48	-0.20	0.09	0.38	0.99	1.71	
60	208.89	-0.81	8.15	Student	-7.68	-5.09	-2.88	-1.84	-0.81	0.21	1.25	3.46	6.05	
	206.47	-0.28	2.27	School	-2.19	-1.47	-0.86	-0.57	-0.28	0.00	0.29	0.91	1.63	
65	211.13	-1.18	8.15	Student	-8.04	-5.46	-3.24	-2.20	-1.18	-0.15	0.89	3.10	5.68	
	207.45	-0.37	2.27	School	-2.28	-1.56	-0.94	-0.66	-0.37	-0.09	0.20	0.82	1.54	
70	213.49	-1.56	8.15	Student	-8.43	-5.84	-3.63	-2.59	-1.56	-0.54	0.50	2.71	5.30	
	208.48	-0.46	2.27	School	-2.37	-1.65	-1.04	-0.75	-0.46	-0.18	0.11	0.72	1.44	
75	216.04	-1.98	8.15	Student	-8.84	-6.26	-4.05	-3.00	-1.98	-0.96	0.09	2.30	4.88	
	209.59	-0.56	2.27	School	-2.47	-1.75	-1.14	-0.85	-0.56	-0.28	0.01	0.62	1.34	
80	218.88	-2.44	8.15	Student	-9.31	-6.72	-4.51	-3.47	-2.44	-1.42	-0.38	1.83	4.42	
	210.83	-0.68	2.27	School	-2.58	-1.87	-1.25	-0.96	-0.68	-0.39	-0.10	0.51	1.23	
85	222.19	-2.98	8.15	Student	-9.85	-7.26	-5.05	-4.01	-2.98	-1.96	-0.92	1.29	3.88	
	212.27	-0.81	2.27	School	-2.72	-2.00	-1.38	-1.09	-0.81	-0.52	-0.23	0.38	1.10	
90	226.35	-3.66	8.15	Student	-10.5	-7.94	-5.73	-4.69	-3.66	-2.64	-1.60	0.61	3.20	
	214.09	-0.97	2.27	School	-2.88	-2.16	-1.55	-1.26	-0.97	-0.69	-0.40	0.22	0.93	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.35: Reading Grade 5
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	182.83	9.77 7.02	Student	3.86	6.09	7.99	8.88	9.77	10.65	11.54	13.44	15.67	
	195.10	7.22 1.89	School	5.63	6.23	6.74	6.98	7.22	7.46	7.70	8.21	8.81	
15	186.99	9.12 7.02	Student	3.22	5.44	7.34	8.24	9.12	10.00	10.90	12.80	15.02	
	196.91	7.06 1.89	School	5.47	6.07	6.58	6.82	7.06	7.30	7.54	8.05	8.65	
20	190.30	8.61 7.02	Student	2.70	4.93	6.83	7.73	8.61	9.49	10.38	12.29	14.51	
	198.35	6.93 1.89	School	5.35	5.95	6.46	6.70	6.93	7.17	7.41	7.92	8.52	
25	193.14	8.17 7.02	Student	2.26	4.49	6.39	7.28	8.17	9.05	9.94	11.85	14.07	
	199.59	6.83 1.89	School	5.24	5.84	6.35	6.59	6.83	7.06	7.30	7.82	8.41	
30	195.69	7.77 7.02	Student	1.87	4.09	5.99	6.89	7.77	8.65	9.55	11.45	13.68	
	200.70	6.73 1.89	School	5.14	5.74	6.25	6.49	6.73	6.97	7.21	7.72	8.32	
35	198.05	7.40 7.02	Student	1.50	3.73	5.63	6.52	7.40	8.29	9.18	11.08	13.31	
	201.74	6.64 1.89	School	5.05	5.65	6.16	6.40	6.64	6.88	7.12	7.63	8.23	
40	200.29	7.06 7.02	Student	1.15	3.38	5.28	6.18	7.06	7.94	8.83	10.74	12.96	
	202.71	6.55 1.89	School	4.97	5.57	6.08	6.32	6.55	6.79	7.03	7.54	8.14	
45	202.46	6.72 7.02	Student	0.82	3.04	4.94	5.84	6.72	7.60	8.50	10.40	12.62	
	203.66	6.47 1.89	School	4.88	5.48	5.99	6.23	6.47	6.71	6.95	7.46	8.06	
50	204.59	6.39 7.02	Student	0.49	2.71	4.61	5.51	6.39	7.27	8.17	10.07	12.29	
	204.59	6.39 1.89	School	4.80	5.40	5.91	6.15	6.39	6.63	6.87	7.38	7.98	
55	206.72	6.06 7.02	Student	0.15	2.38	4.28	5.18	6.06	6.94	7.84	9.74	11.96	
	205.52	6.31 1.89	School	4.72	5.32	5.83	6.07	6.31	6.55	6.79	7.30	7.90	
60	208.89	5.72 7.02	Student	-0.18	2.04	3.95	4.84	5.72	6.60	7.50	9.40	11.63	
	206.47	6.23 1.89	School	4.64	5.24	5.75	5.99	6.23	6.46	6.70	7.21	7.81	
65	211.13	5.37 7.02	Student	-0.53	1.70	3.60	4.49	5.37	6.26	7.15	9.05	11.28	
	207.45	6.14 1.89	School	4.55	5.15	5.66	5.90	6.14	6.38	6.62	7.13	7.73	
70	213.49	5.01 7.02	Student	-0.90	1.33	3.23	4.13	5.01	5.89	6.79	8.69	10.91	
	208.48	6.05 1.89	School	4.46	5.06	5.57	5.81	6.05	6.29	6.53	7.04	7.64	
75	216.04	4.61 7.02	Student	-1.29	0.93	2.84	3.73	4.61	5.49	6.39	8.29	10.52	
	209.59	5.95 1.89	School	4.37	4.96	5.48	5.72	5.95	6.19	6.43	6.94	7.54	
80	218.88	4.17 7.02	Student	-1.73	0.49	2.40	3.29	4.17	5.05	5.95	7.85	10.08	
	210.83	5.84 1.89	School	4.26	4.86	5.37	5.61	5.84	6.08	6.32	6.83	7.43	
85	222.19	3.66 7.02	Student	-2.24	-0.02	1.88	2.78	3.66	4.54	5.44	7.34	9.56	
	212.27	5.72 1.89	School	4.13	4.73	5.24	5.48	5.72	5.96	6.20	6.71	7.31	
90	226.35	3.01 7.02	Student	-2.89	-0.66	1.24	2.13	3.01	3.90	4.79	6.69	8.92	
	214.09	5.56 1.89	School	3.97	4.57	5.08	5.32	5.56	5.80	6.04	6.55	7.15	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.36: Reading Grade 5
Fall To Winter Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth								
		Mean	SD		20	30	40	45	50	55	60	70	80
10	183.48	6.56	5.55	Student	1.89	3.65	5.16	5.86	6.56	7.26	7.97	9.47	11.23
	195.37	4.91	1.13	School	3.96	4.32	4.63	4.77	4.91	5.06	5.20	5.51	5.87
15	187.50	6.19	5.55	Student	1.53	3.28	4.79	5.50	6.19	6.89	7.60	9.10	10.86
	197.11	4.86	1.13	School	3.91	4.27	4.58	4.72	4.86	5.00	5.15	5.45	5.81
20	190.69	5.90	5.55	Student	1.23	2.99	4.50	5.20	5.90	6.60	7.31	8.81	10.57
	198.50	4.82	1.13	School	3.87	4.23	4.53	4.68	4.82	4.96	5.11	5.41	5.77
25	193.43	5.65	5.55	Student	0.98	2.74	4.25	4.95	5.65	6.35	7.06	8.56	10.32
	199.68	4.78	1.13	School	3.83	4.19	4.50	4.64	4.78	4.93	5.07	5.38	5.74
30	195.89	5.43	5.55	Student	0.76	2.52	4.02	4.73	5.43	6.12	6.83	8.34	10.09
	200.75	4.75	1.13	School	3.80	4.16	4.47	4.61	4.75	4.89	5.04	5.35	5.70
35	198.17	5.22	5.55	Student	0.55	2.31	3.81	4.52	5.22	5.92	6.62	8.13	9.89
	201.74	4.72	1.13	School	3.77	4.13	4.44	4.58	4.72	4.87	5.01	5.32	5.67
40	200.33	5.02	5.55	Student	0.35	2.11	3.62	4.32	5.02	5.72	6.43	7.93	9.69
	202.68	4.69	1.13	School	3.74	4.10	4.41	4.55	4.69	4.84	4.98	5.29	5.65
45	202.42	4.83	5.55	Student	0.16	1.92	3.42	4.13	4.83	5.53	6.23	7.74	9.50
	203.59	4.67	1.13	School	3.72	4.08	4.38	4.53	4.67	4.81	4.95	5.26	5.62
50	204.48	4.64	5.55	Student	-0.03	1.73	3.24	3.94	4.64	5.34	6.05	7.55	9.31
	204.48	4.64	1.13	School	3.69	4.05	4.35	4.50	4.64	4.78	4.93	5.23	5.59
55	206.54	4.45	5.55	Student	-0.22	1.54	3.05	3.76	4.45	5.15	5.86	7.36	9.12
	205.37	4.61	1.13	School	3.66	4.02	4.33	4.47	4.61	4.76	4.90	5.21	5.57
60	208.63	4.26	5.55	Student	-0.41	1.35	2.86	3.56	4.26	4.96	5.67	7.17	8.93
	206.28	4.59	1.13	School	3.64	3.99	4.30	4.44	4.59	4.73	4.87	5.18	5.54
65	210.79	4.06	5.55	Student	-0.60	1.15	2.66	3.37	4.06	4.76	5.47	6.97	8.73
	207.22	4.56	1.13	School	3.61	3.97	4.27	4.42	4.56	4.70	4.85	5.15	5.51
70	213.07	3.86	5.55	Student	-0.81	0.95	2.45	3.16	3.86	4.55	5.26	6.76	8.52
	208.21	4.53	1.13	School	3.58	3.94	4.24	4.39	4.53	4.67	4.82	5.12	5.48
75	215.53	3.63	5.55	Student	-1.04	0.72	2.23	2.93	3.63	4.33	5.04	6.54	8.30
	209.27	4.50	1.13	School	3.55	3.90	4.21	4.35	4.50	4.64	4.78	5.09	5.45
80	218.27	3.38	5.55	Student	-1.29	0.47	1.97	2.68	3.38	4.08	4.79	6.29	8.05
	210.46	4.46	1.13	School	3.51	3.87	4.17	4.32	4.46	4.60	4.75	5.05	5.41
85	221.46	3.09	5.55	Student	-1.58	0.18	1.68	2.39	3.09	3.79	4.49	6.00	7.76
	211.85	4.42	1.13	School	3.47	3.83	4.13	4.28	4.42	4.56	4.71	5.01	5.37
90	225.47	2.72	5.55	Student	-1.95	-0.19	1.32	2.02	2.72	3.42	4.13	5.63	7.39
	213.59	4.37	1.13	School	3.42	3.77	4.08	4.23	4.37	4.51	4.65	4.96	5.32

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.37: Reading Grade 5
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	183.48	9.22 7.19	Student	3.17	5.45	7.40	8.32	9.22	10.13	11.04	12.99	15.27	
	195.37	6.98 1.98	School	5.32	5.94	6.48	6.73	6.98	7.23	7.48	8.02	8.64	
15	187.50	8.70 7.19	Student	2.65	4.93	6.88	7.80	8.70	9.60	10.52	12.47	14.75	
	197.11	6.89 1.98	School	5.22	5.85	6.39	6.64	6.89	7.14	7.39	7.92	8.55	
20	190.69	8.29 7.19	Student	2.24	4.52	6.47	7.38	8.29	9.19	10.11	12.06	14.34	
	198.50	6.82 1.98	School	5.15	5.78	6.31	6.57	6.82	7.06	7.32	7.85	8.48	
25	193.43	7.93 7.19	Student	1.88	4.16	6.11	7.03	7.93	8.84	9.75	11.70	13.98	
	199.68	6.75 1.98	School	5.09	5.72	6.25	6.50	6.75	7.00	7.25	7.79	8.42	
30	195.89	7.61 7.19	Student	1.57	3.85	5.79	6.71	7.61	8.52	9.44	11.38	13.66	
	200.75	6.70 1.98	School	5.03	5.66	6.20	6.45	6.70	6.95	7.20	7.73	8.36	
35	198.17	7.32 7.19	Student	1.27	3.55	5.50	6.42	7.32	8.22	9.14	11.09	13.37	
	201.74	6.64 1.98	School	4.98	5.61	6.14	6.40	6.64	6.89	7.15	7.68	8.31	
40	200.33	7.04 7.19	Student	0.99	3.27	5.22	6.14	7.04	7.94	8.86	10.81	13.09	
	202.68	6.60 1.98	School	4.93	5.56	6.09	6.35	6.60	6.84	7.10	7.63	8.26	
45	202.42	6.77 7.19	Student	0.72	3.00	4.95	5.86	6.77	7.67	8.59	10.54	12.82	
	203.59	6.55 1.98	School	4.88	5.51	6.05	6.30	6.55	6.80	7.05	7.58	8.21	
50	204.48	6.50 7.19	Student	0.45	2.73	4.68	5.60	6.50	7.40	8.32	10.27	12.55	
	204.48	6.50 1.98	School	4.84	5.46	6.00	6.25	6.50	6.75	7.00	7.54	8.17	
55	206.54	6.23 7.19	Student	0.19	2.47	4.41	5.33	6.23	7.14	8.06	10.00	12.28	
	205.37	6.45 1.98	School	4.79	5.42	5.95	6.21	6.45	6.70	6.96	7.49	8.12	
60	208.63	5.96 7.19	Student	-0.09	2.19	4.14	5.06	5.96	6.87	7.78	9.73	12.01	
	206.28	6.41 1.98	School	4.74	5.37	5.91	6.16	6.41	6.66	6.91	7.44	8.07	
65	210.79	5.68 7.19	Student	-0.37	1.91	3.86	4.78	5.68	6.59	7.50	9.45	11.73	
	207.22	6.36 1.98	School	4.69	5.32	5.86	6.11	6.36	6.61	6.86	7.39	8.02	
70	213.07	5.39 7.19	Student	-0.66	1.62	3.57	4.48	5.39	6.29	7.21	9.16	11.44	
	208.21	6.31 1.98	School	4.64	5.27	5.80	6.06	6.31	6.55	6.81	7.34	7.97	
75	215.53	5.07 7.19	Student	-0.98	1.30	3.25	4.17	5.07	5.97	6.89	8.84	11.12	
	209.27	6.25 1.98	School	4.59	5.21	5.75	6.00	6.25	6.50	6.75	7.29	7.91	
80	218.27	4.71 7.19	Student	-1.33	0.95	2.89	3.81	4.71	5.62	6.54	8.48	10.76	
	210.46	6.19 1.98	School	4.52	5.15	5.69	5.94	6.19	6.44	6.69	7.22	7.85	
85	221.46	4.30 7.19	Student	-1.75	0.53	2.48	3.40	4.30	5.20	6.12	8.07	10.35	
	211.85	6.11 1.98	School	4.45	5.08	5.61	5.87	6.11	6.36	6.62	7.15	7.78	
90	225.47	3.78 7.19	Student	-2.27	0.01	1.96	2.88	3.78	4.68	5.60	7.55	9.83	
	213.59	6.02 1.98	School	4.36	4.99	5.52	5.77	6.02	6.27	6.52	7.06	7.69	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.38: Reading Grade 5
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth								
	RIT	Mean	SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	183.48	6.79	7.35	Student	0.61	2.94	4.93	5.87	6.79	7.71	8.65	10.64	12.97
	195.37	6.05	1.65	School	4.66	5.19	5.64	5.85	6.05	6.26	6.47	6.92	7.44
15	187.50	6.61	7.35	Student	0.42	2.75	4.75	5.68	6.61	7.53	8.47	10.46	12.79
	197.11	6.01	1.65	School	4.62	5.15	5.59	5.81	6.01	6.22	6.43	6.88	7.40
20	190.69	6.46	7.35	Student	0.28	2.61	4.60	5.54	6.46	7.39	8.32	10.31	12.64
	198.50	5.98	1.65	School	4.59	5.11	5.56	5.77	5.98	6.19	6.40	6.84	7.37
25	193.43	6.34	7.35	Student	0.16	2.49	4.48	5.41	6.34	7.26	8.20	10.19	12.52
	199.68	5.95	1.65	School	4.56	5.08	5.53	5.74	5.95	6.16	6.37	6.82	7.34
30	195.89	6.23	7.35	Student	0.04	2.37	4.36	5.30	6.23	7.15	8.09	10.08	12.41
	200.75	5.92	1.65	School	4.54	5.06	5.51	5.72	5.92	6.13	6.34	6.79	7.31
35	198.17	6.12	7.35	Student	-0.06	2.27	4.26	5.20	6.12	7.05	7.98	9.97	12.30
	201.74	5.90	1.65	School	4.51	5.04	5.48	5.69	5.90	6.11	6.32	6.77	7.29
40	200.33	6.02	7.35	Student	-0.16	2.17	4.16	5.10	6.02	6.95	7.88	9.88	12.21
	202.68	5.88	1.65	School	4.49	5.01	5.46	5.67	5.88	6.09	6.30	6.74	7.27
45	202.42	5.93	7.35	Student	-0.25	2.08	4.07	5.01	5.93	6.85	7.79	9.78	12.11
	203.59	5.86	1.65	School	4.47	4.99	5.44	5.65	5.86	6.06	6.27	6.72	7.25
50	204.48	5.83	7.35	Student	-0.35	1.98	3.97	4.91	5.83	6.76	7.70	9.69	12.02
	204.48	5.83	1.65	School	4.45	4.97	5.42	5.63	5.83	6.04	6.25	6.70	7.22
55	206.54	5.74	7.35	Student	-0.44	1.89	3.88	4.82	5.74	6.66	7.60	9.59	11.92
	205.37	5.81	1.65	School	4.42	4.95	5.40	5.61	5.81	6.02	6.23	6.68	7.20
60	208.63	5.65	7.35	Student	-0.54	1.79	3.79	4.72	5.65	6.57	7.51	9.50	11.83
	206.28	5.79	1.65	School	4.40	4.93	5.37	5.58	5.79	6.00	6.21	6.66	7.18
65	210.79	5.55	7.35	Student	-0.63	1.70	3.69	4.62	5.55	6.47	7.41	9.40	11.73
	207.22	5.77	1.65	School	4.38	4.90	5.35	5.56	5.77	5.98	6.19	6.63	7.16
70	213.07	5.44	7.35	Student	-0.74	1.59	3.58	4.52	5.44	6.37	7.31	9.30	11.63
	208.21	5.75	1.65	School	4.36	4.88	5.33	5.54	5.75	5.95	6.16	6.61	7.13
75	215.53	5.33	7.35	Student	-0.85	1.48	3.47	4.41	5.33	6.26	7.19	9.18	11.51
	209.27	5.72	1.65	School	4.33	4.85	5.30	5.51	5.72	5.93	6.14	6.59	7.11
80	218.27	5.21	7.35	Student	-0.97	1.36	3.35	4.28	5.21	6.13	7.07	9.06	11.39
	210.46	5.69	1.65	School	4.30	4.82	5.27	5.48	5.69	5.90	6.11	6.56	7.08
85	221.46	5.06	7.35	Student	-1.12	1.21	3.20	4.14	5.06	5.99	6.92	8.91	11.25
	211.85	5.66	1.65	School	4.27	4.79	5.24	5.45	5.66	5.86	6.08	6.52	7.05
90	225.47	4.88	7.35	Student	-1.30	1.03	3.02	3.96	4.88	5.80	6.74	8.73	11.06
	213.59	5.62	1.65	School	4.23	4.75	5.20	5.41	5.62	5.82	6.03	6.48	7.00

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.39: Reading Grade 5
Winter To Spring Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	188.76	2.89	5.24	Student	-1.52	0.14	1.56	2.23	2.89	3.54	4.21	5.63	7.30		
	200.17	1.89	0.86	School	1.16	1.43	1.67	1.78	1.89	2.00	2.11	2.34	2.61		
15	192.66	2.69	5.24	Student	-1.72	-0.06	1.36	2.03	2.69	3.35	4.02	5.44	7.10		
	201.88	1.88	0.86	School	1.16	1.43	1.66	1.77	1.88	1.99	2.10	2.33	2.61		
20	195.75	2.53	5.24	Student	-1.88	-0.21	1.21	1.88	2.53	3.19	3.86	5.28	6.94		
	203.24	1.88	0.86	School	1.15	1.43	1.66	1.77	1.88	1.99	2.10	2.33	2.60		
25	198.41	2.40	5.24	Student	-2.01	-0.35	1.07	1.74	2.40	3.06	3.73	5.15	6.81		
	204.41	1.87	0.86	School	1.15	1.42	1.66	1.77	1.87	1.98	2.09	2.33	2.60		
30	200.79	2.28	5.24	Student	-2.13	-0.47	0.95	1.62	2.28	2.94	3.61	5.03	6.69		
	205.46	1.87	0.86	School	1.15	1.42	1.65	1.76	1.87	1.98	2.09	2.32	2.60		
35	203.00	2.17	5.24	Student	-2.24	-0.58	0.84	1.51	2.17	2.83	3.50	4.92	6.58		
	206.43	1.87	0.86	School	1.14	1.42	1.65	1.76	1.87	1.98	2.09	2.32	2.59		
40	205.10	2.06	5.24	Student	-2.35	-0.68	0.74	1.40	2.06	2.72	3.39	4.81	6.47		
	207.35	1.87	0.86	School	1.14	1.41	1.65	1.76	1.87	1.97	2.08	2.32	2.59		
45	207.12	1.96	5.24	Student	-2.45	-0.79	0.63	1.30	1.96	2.62	3.29	4.71	6.37		
	208.24	1.86	0.86	School	1.14	1.41	1.64	1.75	1.86	1.97	2.08	2.32	2.59		
50	209.12	1.86	5.24	Student	-2.55	-0.89	0.53	1.20	1.86	2.52	3.19	4.61	6.27		
	209.12	1.86	0.86	School	1.13	1.41	1.64	1.75	1.86	1.97	2.08	2.31	2.59		
55	211.12	1.76	5.24	Student	-2.65	-0.99	0.43	1.10	1.76	2.42	3.09	4.51	6.17		
	210.00	1.86	0.86	School	1.13	1.41	1.64	1.75	1.86	1.97	2.08	2.31	2.58		
60	213.14	1.66	5.24	Student	-2.75	-1.09	0.33	1.00	1.66	2.32	2.99	4.41	6.07		
	210.89	1.86	0.86	School	1.13	1.40	1.64	1.75	1.86	1.96	2.07	2.31	2.58		
65	215.24	1.55	5.24	Student	-2.86	-1.20	0.22	0.89	1.55	2.21	2.88	4.30	5.96		
	211.81	1.85	0.86	School	1.13	1.40	1.63	1.74	1.85	1.96	2.07	2.30	2.58		
70	217.45	1.44	5.24	Student	-2.97	-1.31	0.11	0.78	1.44	2.10	2.77	4.19	5.85		
	212.78	1.85	0.86	School	1.12	1.40	1.63	1.74	1.85	1.96	2.07	2.30	2.58		
75	219.83	1.32	5.24	Student	-3.09	-1.43	-0.01	0.66	1.32	1.98	2.65	4.07	5.73		
	213.83	1.85	0.86	School	1.12	1.39	1.63	1.74	1.85	1.95	2.06	2.30	2.57		
80	222.49	1.19	5.24	Student	-3.22	-1.56	-0.14	0.53	1.19	1.85	2.51	3.93	5.60		
	215.00	1.84	0.86	School	1.12	1.39	1.62	1.73	1.84	1.95	2.06	2.30	2.57		
85	225.58	1.03	5.24	Student	-3.38	-1.72	-0.30	0.37	1.03	1.69	2.36	3.78	5.44		
	216.36	1.84	0.86	School	1.11	1.39	1.62	1.73	1.84	1.95	2.06	2.29	2.56		
90	229.48	0.84	5.24	Student	-3.58	-1.91	-0.49	0.18	0.84	1.49	2.16	3.58	5.25		
	218.07	1.83	0.86	School	1.11	1.38	1.62	1.73	1.83	1.94	2.05	2.29	2.56		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.40: Reading Grade 6
Last Winter To Winter Conditional Growth Percentile

Start Status	Growth	Conditional Growth											
		CGP	20	30	40	45	50	55	60	70	80		
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	186.70	8.27	6.25	Student	3.01	4.99	6.69	7.48	8.27	9.06	9.85	11.55	13.53
	199.22	5.87	1.56	School	4.55	5.05	5.47	5.67	5.87	6.06	6.26	6.68	7.18
15	190.93	7.64	6.25	Student	2.38	4.36	6.06	6.86	7.64	8.43	9.23	10.92	12.90
	201.06	5.70	1.56	School	4.38	4.88	5.30	5.50	5.70	5.89	6.09	6.51	7.01
20	194.29	7.14	6.25	Student	1.88	3.86	5.56	6.36	7.14	7.93	8.73	10.42	12.40
	202.52	5.56	1.56	School	4.25	4.74	5.17	5.37	5.56	5.76	5.96	6.38	6.88
25	197.18	6.71	6.25	Student	1.45	3.43	5.13	5.93	6.71	7.50	8.30	9.99	11.97
	203.77	5.45	1.56	School	4.13	4.63	5.05	5.25	5.45	5.64	5.84	6.27	6.76
30	199.77	6.33	6.25	Student	1.07	3.05	4.74	5.54	6.33	7.11	7.91	9.61	11.59
	204.89	5.34	1.56	School	4.03	4.53	4.95	5.15	5.34	5.54	5.74	6.16	6.66
35	202.17	5.97	6.25	Student	0.71	2.69	4.39	5.19	5.97	6.76	7.55	9.25	11.23
	205.94	5.25	1.56	School	3.93	4.43	4.85	5.05	5.25	5.44	5.64	6.07	6.56
40	204.45	5.63	6.25	Student	0.37	2.35	4.05	4.85	5.63	6.42	7.22	8.91	10.89
	206.93	5.16	1.56	School	3.84	4.34	4.76	4.96	5.16	5.35	5.55	5.97	6.47
45	206.66	5.30	6.25	Student	0.04	2.03	3.72	4.52	5.30	6.09	6.89	8.58	10.57
	207.88	5.07	1.56	School	3.76	4.25	4.67	4.87	5.07	5.26	5.46	5.89	6.38
50	208.83	4.98	6.25	Student	-0.28	1.70	3.40	4.20	4.98	5.77	6.57	8.26	10.24
	208.83	4.98	1.56	School	3.67	4.16	4.59	4.79	4.98	5.18	5.38	5.80	6.30
55	211.00	4.66	6.25	Student	-0.60	1.38	3.08	3.87	4.66	5.45	6.24	7.94	9.92
	209.77	4.90	1.56	School	3.58	4.08	4.50	4.70	4.90	5.09	5.29	5.71	6.21
60	213.20	4.33	6.25	Student	-0.93	1.05	2.75	3.55	4.33	5.12	5.92	7.61	9.59
	210.73	4.81	1.56	School	3.49	3.99	4.41	4.61	4.81	5.00	5.20	5.63	6.12
65	215.48	3.99	6.25	Student	-1.27	0.72	2.41	3.21	3.99	4.78	5.58	7.27	9.26
	211.72	4.72	1.56	School	3.40	3.90	4.32	4.52	4.72	4.91	5.11	5.53	6.03
70	217.88	3.64	6.25	Student	-1.63	0.36	2.05	2.85	3.64	4.42	5.22	6.92	8.90
	212.76	4.62	1.56	School	3.31	3.80	4.23	4.42	4.62	4.82	5.02	5.44	5.93
75	220.47	3.25	6.25	Student	-2.01	-0.03	1.67	2.47	3.25	4.04	4.84	6.53	8.51
	213.88	4.52	1.56	School	3.20	3.70	4.12	4.32	4.52	4.71	4.91	5.34	5.83
80	223.36	2.82	6.25	Student	-2.44	-0.46	1.24	2.04	2.82	3.61	4.41	6.10	8.08
	215.14	4.40	1.56	School	3.09	3.58	4.01	4.21	4.40	4.60	4.80	5.22	5.72
85	226.72	2.32	6.25	Student	-2.94	-0.96	0.74	1.54	2.32	3.11	3.91	5.60	7.59
	216.60	4.27	1.56	School	2.96	3.45	3.87	4.07	4.27	4.46	4.66	5.09	5.58
90	230.96	1.69	6.25	Student	-3.57	-1.58	0.11	0.91	1.69	2.48	3.28	4.97	6.96
	218.44	4.10	1.56	School	2.79	3.28	3.70	3.90	4.10	4.30	4.49	4.92	5.41

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.41: Reading Grade 6
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	188.33	3.46	8.07	Student	-3.33	-0.77	1.42	2.45	3.46	4.48	5.51	7.69	10.25	
	201.07	0.39	2.24	School	-1.50	-0.79	-0.18	0.11	0.39	0.67	0.95	1.56	2.27	
15	192.63	2.67	8.07	Student	-4.12	-1.56	0.63	1.66	2.67	3.69	4.72	6.91	9.47	
	202.94	0.19	2.24	School	-1.70	-0.99	-0.38	-0.09	0.19	0.47	0.76	1.36	2.07	
20	196.05	2.05	8.07	Student	-4.74	-2.18	0.00	1.03	2.05	3.06	4.09	6.28	8.84	
	204.42	0.03	2.24	School	-1.86	-1.15	-0.54	-0.25	0.03	0.31	0.60	1.21	1.92	
25	198.98	1.51	8.07	Student	-5.28	-2.72	-0.53	0.50	1.51	2.53	3.56	5.74	8.30	
	205.69	-0.11	2.24	School	-1.99	-1.28	-0.67	-0.39	-0.11	0.18	0.46	1.07	1.78	
30	201.62	1.03	8.07	Student	-5.76	-3.20	-1.01	0.02	1.03	2.04	3.08	5.26	7.82	
	206.83	-0.23	2.24	School	-2.11	-1.40	-0.80	-0.51	-0.23	0.05	0.34	0.95	1.66	
35	204.06	0.58	8.07	Student	-6.21	-3.65	-1.46	-0.43	0.58	1.60	2.63	4.82	7.38	
	207.89	-0.34	2.24	School	-2.23	-1.52	-0.91	-0.62	-0.34	-0.06	0.23	0.83	1.55	
40	206.37	0.16	8.07	Student	-6.63	-4.07	-1.88	-0.85	0.16	1.17	2.20	4.39	6.95	
	208.89	-0.45	2.24	School	-2.33	-1.62	-1.02	-0.73	-0.45	-0.17	0.12	0.73	1.44	
45	208.61	-0.25	8.07	Student	-7.04	-4.48	-2.29	-1.26	-0.25	0.76	1.79	3.98	6.54	
	209.86	-0.55	2.24	School	-2.44	-1.73	-1.12	-0.83	-0.55	-0.27	0.02	0.62	1.33	
50	210.82	-0.65	8.07	Student	-7.45	-4.89	-2.70	-1.67	-0.65	0.36	1.39	3.58	6.14	
	210.82	-0.65	2.24	School	-2.54	-1.83	-1.22	-0.94	-0.65	-0.37	-0.09	0.52	1.23	
55	213.02	-1.06	8.07	Student	-7.85	-5.29	-3.10	-2.07	-1.06	-0.04	0.99	3.18	5.74	
	211.77	-0.76	2.24	School	-2.64	-1.93	-1.32	-1.04	-0.76	-0.47	-0.19	0.42	1.13	
60	215.27	-1.47	8.07	Student	-8.26	-5.70	-3.51	-2.48	-1.47	-0.45	0.58	2.77	5.33	
	212.75	-0.86	2.24	School	-2.75	-2.03	-1.43	-1.14	-0.86	-0.58	-0.29	0.32	1.03	
65	217.58	-1.89	8.07	Student	-8.68	-6.12	-3.94	-2.90	-1.89	-0.88	0.15	2.34	4.90	
	213.75	-0.97	2.24	School	-2.85	-2.14	-1.53	-1.25	-0.97	-0.68	-0.40	0.21	0.92	
70	220.02	-2.34	8.07	Student	-9.13	-6.57	-4.38	-3.35	-2.34	-1.32	-0.29	1.90	4.46	
	214.81	-1.08	2.24	School	-2.97	-2.25	-1.65	-1.36	-1.08	-0.80	-0.51	0.10	0.81	
75	222.66	-2.82	8.07	Student	-9.61	-7.05	-4.86	-3.83	-2.82	-1.80	-0.77	1.41	3.97	
	215.95	-1.20	2.24	School	-3.09	-2.38	-1.77	-1.48	-1.20	-0.92	-0.63	-0.03	0.68	
80	225.59	-3.36	8.07	Student	-10.1	-7.59	-5.40	-4.37	-3.36	-2.34	-1.31	0.88	3.44	
	217.22	-1.34	2.24	School	-3.22	-2.51	-1.90	-1.62	-1.34	-1.06	-0.77	-0.16	0.55	
85	229.01	-3.98	8.07	Student	-10.8	-8.21	-6.03	-5.00	-3.98	-2.97	-1.94	0.25	2.81	
	218.70	-1.50	2.24	School	-3.38	-2.67	-2.06	-1.78	-1.50	-1.21	-0.93	-0.32	0.39	
90	233.31	-4.77	8.07	Student	-11.6	-9.00	-6.81	-5.78	-4.77	-3.75	-2.72	-0.54	2.02	
	220.57	-1.69	2.24	School	-3.58	-2.87	-2.26	-1.98	-1.69	-1.41	-1.13	-0.52	0.19	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.42: Reading Grade 6
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean		SD	CGI	20	30	40	45	50	55	60	70
10	188.33	8.38	6.72	Student	2.73	4.86	6.68	7.54	8.38	9.23	10.09	11.91	14.04	
	201.07	5.71	1.89	School	4.12	4.72	5.23	5.47	5.71	5.95	6.19	6.70	7.30	
15	192.63	7.65	6.72	Student	2.00	4.13	5.95	6.80	7.65	8.49	9.35	11.17	13.30	
	202.94	5.49	1.89	School	3.90	4.50	5.01	5.25	5.49	5.72	5.96	6.47	7.07	
20	196.05	7.06	6.72	Student	1.41	3.54	5.36	6.22	7.06	7.91	8.77	10.59	12.72	
	204.42	5.31	1.89	School	3.72	4.32	4.83	5.07	5.31	5.55	5.79	6.30	6.90	
25	198.98	6.56	6.72	Student	0.91	3.04	4.86	5.72	6.56	7.41	8.26	10.09	12.22	
	205.69	5.16	1.89	School	3.57	4.17	4.68	4.92	5.16	5.39	5.63	6.14	6.74	
30	201.62	6.11	6.72	Student	0.46	2.59	4.41	5.27	6.11	6.96	7.81	9.64	11.77	
	206.83	5.02	1.89	School	3.43	4.03	4.54	4.78	5.02	5.26	5.50	6.01	6.61	
35	204.06	5.70	6.72	Student	0.04	2.17	3.99	4.85	5.70	6.54	7.40	9.22	11.35	
	207.89	4.89	1.89	School	3.30	3.90	4.41	4.65	4.89	5.13	5.37	5.88	6.48	
40	206.37	5.30	6.72	Student	-0.35	1.78	3.60	4.46	5.30	6.14	7.00	8.82	10.95	
	208.89	4.77	1.89	School	3.18	3.78	4.29	4.53	4.77	5.01	5.25	5.76	6.36	
45	208.61	4.92	6.72	Student	-0.74	1.39	3.22	4.07	4.92	5.76	6.62	8.44	10.57	
	209.86	4.65	1.89	School	3.07	3.67	4.18	4.42	4.65	4.89	5.13	5.64	6.24	
50	210.82	4.54	6.72	Student	-1.11	1.02	2.84	3.70	4.54	5.38	6.24	8.06	10.19	
	210.82	4.54	1.89	School	2.95	3.55	4.06	4.30	4.54	4.78	5.02	5.53	6.13	
55	213.02	4.16	6.72	Student	-1.49	0.64	2.46	3.32	4.16	5.01	5.86	7.69	9.82	
	211.77	4.43	1.89	School	2.84	3.44	3.95	4.19	4.43	4.66	4.90	5.41	6.01	
60	215.27	3.78	6.72	Student	-1.87	0.26	2.08	2.94	3.78	4.62	5.48	7.30	9.43	
	212.75	4.31	1.89	School	2.72	3.32	3.83	4.07	4.31	4.55	4.79	5.30	5.90	
65	217.58	3.38	6.72	Student	-2.27	-0.14	1.68	2.54	3.38	4.23	5.09	6.91	9.04	
	213.75	4.19	1.89	School	2.60	3.20	3.71	3.95	4.19	4.43	4.67	5.18	5.78	
70	220.02	2.97	6.72	Student	-2.69	-0.55	1.27	2.12	2.97	3.81	4.67	6.49	8.62	
	214.81	4.06	1.89	School	2.47	3.07	3.58	3.82	4.06	4.30	4.54	5.05	5.65	
75	222.66	2.52	6.72	Student	-3.14	-1.01	0.82	1.67	2.52	3.36	4.22	6.04	8.17	
	215.95	3.92	1.89	School	2.34	2.94	3.45	3.69	3.92	4.16	4.40	4.91	5.51	
80	225.59	2.02	6.72	Student	-3.64	-1.51	0.31	1.17	2.02	2.86	3.72	5.54	7.67	
	217.22	3.77	1.89	School	2.18	2.78	3.29	3.54	3.77	4.01	4.25	4.76	5.36	
85	229.01	1.43	6.72	Student	-4.22	-2.09	-0.27	0.59	1.43	2.28	3.13	4.95	7.08	
	218.70	3.59	1.89	School	2.01	2.61	3.12	3.36	3.59	3.83	4.07	4.58	5.18	
90	233.31	0.70	6.72	Student	-4.96	-2.83	-1.01	-0.15	0.70	1.54	2.40	4.22	6.35	
	220.57	3.37	1.89	School	1.78	2.38	2.89	3.13	3.37	3.61	3.85	4.36	4.96	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.43: Reading Grade 6
Fall To Winter Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	189.08	5.49	5.46	Student	0.89	2.63	4.11	4.80	5.49	6.18	6.87	8.35	10.09	
	201.00	3.95	0.99	School	3.11	3.43	3.70	3.83	3.95	4.08	4.20	4.47	4.79	
15	193.11	5.14	5.46	Student	0.54	2.27	3.75	4.45	5.14	5.82	6.52	8.00	9.73	
	202.75	3.89	0.99	School	3.06	3.37	3.64	3.77	3.89	4.02	4.14	4.41	4.73	
20	196.32	4.86	5.46	Student	0.26	1.99	3.47	4.17	4.86	5.54	6.24	7.72	9.45	
	204.14	3.85	0.99	School	3.01	3.32	3.59	3.72	3.85	3.97	4.10	4.37	4.68	
25	199.07	4.62	5.46	Student	0.02	1.75	3.23	3.93	4.62	5.30	6.00	7.48	9.21	
	205.34	3.81	0.99	School	2.97	3.28	3.55	3.68	3.81	3.93	4.06	4.33	4.64	
30	201.54	4.40	5.46	Student	-0.20	1.54	3.02	3.71	4.40	5.09	5.78	7.26	8.99	
	206.41	3.77	0.99	School	2.93	3.25	3.52	3.64	3.77	3.89	4.02	4.29	4.61	
35	203.82	4.20	5.46	Student	-0.40	1.34	2.82	3.51	4.20	4.88	5.58	7.06	8.79	
	207.41	3.74	0.99	School	2.90	3.21	3.48	3.61	3.74	3.86	3.99	4.26	4.57	
40	206.00	4.01	5.46	Student	-0.59	1.14	2.62	3.32	4.01	4.69	5.39	6.87	8.60	
	208.35	3.70	0.99	School	2.87	3.18	3.45	3.58	3.70	3.83	3.96	4.23	4.54	
45	208.10	3.82	5.46	Student	-0.77	0.96	2.44	3.14	3.82	4.51	5.21	6.69	8.42	
	209.27	3.67	0.99	School	2.84	3.15	3.42	3.55	3.67	3.80	3.93	4.19	4.51	
50	210.17	3.64	5.46	Student	-0.95	0.78	2.26	2.96	3.64	4.33	5.03	6.51	8.24	
	210.17	3.64	0.99	School	2.81	3.12	3.39	3.52	3.64	3.77	3.90	4.16	4.48	
55	212.23	3.46	5.46	Student	-1.13	0.60	2.08	2.78	3.46	4.15	4.85	6.33	8.06	
	211.06	3.61	0.99	School	2.78	3.09	3.36	3.49	3.61	3.74	3.86	4.13	4.45	
60	214.33	3.28	5.46	Student	-1.32	0.41	1.89	2.59	3.28	3.96	4.66	6.14	7.87	
	211.98	3.58	0.99	School	2.75	3.06	3.33	3.46	3.58	3.71	3.83	4.10	4.42	
65	216.51	3.09	5.46	Student	-1.51	0.22	1.70	2.40	3.09	3.77	4.47	5.95	7.68	
	212.92	3.55	0.99	School	2.71	3.03	3.30	3.43	3.55	3.68	3.80	4.07	4.39	
70	218.80	2.89	5.46	Student	-1.71	0.02	1.50	2.20	2.89	3.57	4.27	5.75	7.48	
	213.92	3.52	0.99	School	2.68	3.00	3.27	3.39	3.52	3.64	3.77	4.04	4.35	
75	221.27	2.67	5.46	Student	-1.92	-0.19	1.29	1.99	2.67	3.36	4.05	5.53	7.27	
	214.99	3.48	0.99	School	2.64	2.96	3.23	3.36	3.48	3.61	3.73	4.00	4.32	
80	224.02	2.43	5.46	Student	-2.17	-0.43	1.05	1.74	2.43	3.12	3.81	5.29	7.03	
	216.19	3.44	0.99	School	2.60	2.92	3.19	3.32	3.44	3.57	3.69	3.96	4.28	
85	227.22	2.15	5.46	Student	-2.45	-0.71	0.77	1.46	2.15	2.84	3.53	5.01	6.75	
	217.58	3.39	0.99	School	2.56	2.87	3.14	3.27	3.39	3.52	3.65	3.92	4.23	
90	231.25	1.80	5.46	Student	-2.80	-1.07	0.41	1.11	1.80	2.48	3.18	4.66	6.39	
	219.33	3.33	0.99	School	2.50	2.81	3.08	3.21	3.33	3.46	3.59	3.86	4.17	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.44: Reading Grade 6
Fall To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth								
		Mean	SD		20	30	40	45	50	55	60	70	80
10	189.08	7.79	6.97	Student	1.92	4.13	6.02	6.91	7.79	8.67	9.56	11.45	13.66
	201.00	5.73	1.74	School	4.27	4.82	5.29	5.51	5.73	5.95	6.17	6.64	7.20
15	193.11	7.29	6.97	Student	1.42	3.64	5.53	6.42	7.29	8.17	9.06	10.95	13.16
	202.75	5.63	1.74	School	4.17	4.72	5.19	5.41	5.63	5.85	6.07	6.54	7.09
20	196.32	6.90	6.97	Student	1.03	3.24	5.13	6.02	6.90	7.77	8.67	10.56	12.77
	204.14	5.55	1.74	School	4.08	4.64	5.11	5.33	5.55	5.77	5.99	6.46	7.01
25	199.07	6.56	6.97	Student	0.69	2.90	4.79	5.68	6.56	7.44	8.33	10.22	12.43
	205.34	5.48	1.74	School	4.01	4.57	5.04	5.26	5.48	5.70	5.92	6.39	6.94
30	201.54	6.26	6.97	Student	0.39	2.60	4.49	5.38	6.26	7.13	8.02	9.91	12.13
	206.41	5.41	1.74	School	3.95	4.50	4.97	5.20	5.41	5.63	5.85	6.33	6.88
35	203.82	5.97	6.97	Student	0.10	2.32	4.21	5.10	5.97	6.85	7.74	9.63	11.84
	207.41	5.36	1.74	School	3.89	4.44	4.92	5.14	5.36	5.57	5.80	6.27	6.82
40	206.00	5.71	6.97	Student	-0.16	2.05	3.94	4.83	5.71	6.58	7.47	9.36	11.58
	208.35	5.30	1.74	School	3.84	4.39	4.86	5.08	5.30	5.52	5.74	6.21	6.76
45	208.10	5.45	6.97	Student	-0.42	1.79	3.68	4.57	5.45	6.32	7.22	9.11	11.32
	209.27	5.25	1.74	School	3.78	4.33	4.81	5.03	5.25	5.47	5.69	6.16	6.71
50	210.17	5.19	6.97	Student	-0.68	1.54	3.43	4.32	5.19	6.07	6.96	8.85	11.06
	210.17	5.19	1.74	School	3.73	4.28	4.75	4.98	5.19	5.41	5.63	6.11	6.66
55	212.23	4.94	6.97	Student	-0.93	1.28	3.17	4.06	4.94	5.82	6.71	8.60	10.81
	211.06	5.14	1.74	School	3.68	4.23	4.70	4.92	5.14	5.36	5.58	6.05	6.60
60	214.33	4.68	6.97	Student	-1.19	1.02	2.91	3.80	4.68	5.56	6.45	8.34	10.55
	211.98	5.09	1.74	School	3.62	4.18	4.65	4.87	5.09	5.31	5.53	6.00	6.55
65	216.51	4.41	6.97	Student	-1.46	0.76	2.65	3.54	4.41	5.29	6.18	8.07	10.28
	212.92	5.03	1.74	School	3.57	4.12	4.59	4.81	5.03	5.25	5.47	5.94	6.49
70	218.80	4.13	6.97	Student	-1.74	0.47	2.36	3.25	4.13	5.01	5.90	7.79	10.00
	213.92	4.97	1.74	School	3.51	4.06	4.53	4.75	4.97	5.19	5.41	5.88	6.44
75	221.27	3.83	6.97	Student	-2.04	0.17	2.06	2.95	3.83	4.70	5.59	7.48	9.70
	214.99	4.91	1.74	School	3.45	4.00	4.47	4.69	4.91	5.13	5.35	5.82	6.37
80	224.02	3.49	6.97	Student	-2.38	-0.17	1.72	2.61	3.49	4.37	5.26	7.15	9.36
	216.19	4.84	1.74	School	3.38	3.93	4.40	4.62	4.84	5.06	5.28	5.75	6.30
85	227.22	3.09	6.97	Student	-2.78	-0.56	1.33	2.22	3.09	3.97	4.86	6.75	8.96
	217.58	4.76	1.74	School	3.29	3.85	4.32	4.54	4.76	4.98	5.20	5.67	6.22
90	231.25	2.60	6.97	Student	-3.27	-1.06	0.83	1.72	2.60	3.47	4.36	6.25	8.47
	219.33	4.65	1.74	School	3.19	3.74	4.21	4.44	4.65	4.87	5.09	5.57	6.12

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.45: Reading Grade 6
Fall To N Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	189.08	6.46	7.11	Student	0.48	2.73	4.66	5.57	6.46	7.36	8.26	10.19	12.45	
	201.00	5.08	1.59	School	3.74	4.25	4.68	4.88	5.08	5.28	5.48	5.91	6.41	
15	193.11	6.13	7.11	Student	0.15	2.40	4.33	5.24	6.13	7.02	7.93	9.86	12.11	
	202.75	5.01	1.59	School	3.68	4.18	4.61	4.81	5.01	5.21	5.41	5.84	6.35	
20	196.32	5.87	7.11	Student	-0.11	2.14	4.07	4.98	5.87	6.76	7.67	9.60	11.85	
	204.14	4.96	1.59	School	3.62	4.13	4.56	4.76	4.96	5.16	5.36	5.79	6.30	
25	199.07	5.64	7.11	Student	-0.34	1.91	3.84	4.75	5.64	6.54	7.44	9.37	11.63	
	205.34	4.91	1.59	School	3.58	4.08	4.51	4.71	4.91	5.11	5.32	5.75	6.25	
30	201.54	5.44	7.11	Student	-0.54	1.71	3.64	4.55	5.44	6.33	7.24	9.17	11.42	
	206.41	4.87	1.59	School	3.54	4.04	4.47	4.67	4.87	5.07	5.28	5.71	6.21	
35	203.82	5.25	7.11	Student	-0.73	1.52	3.45	4.36	5.25	6.15	7.05	8.98	11.24	
	207.41	4.84	1.59	School	3.50	4.00	4.43	4.64	4.84	5.04	5.24	5.67	6.17	
40	206.00	5.07	7.11	Student	-0.91	1.35	3.27	4.18	5.07	5.97	6.88	8.80	11.06	
	208.35	4.80	1.59	School	3.46	3.97	4.40	4.60	4.80	5.00	5.20	5.63	6.14	
45	208.10	4.90	7.11	Student	-1.08	1.17	3.10	4.01	4.90	5.80	6.70	8.63	10.89	
	209.27	4.77	1.59	School	3.43	3.93	4.36	4.57	4.77	4.97	5.17	5.60	6.10	
50	210.17	4.73	7.11	Student	-1.25	1.00	2.93	3.84	4.73	5.63	6.53	8.46	10.72	
	210.17	4.73	1.59	School	3.40	3.90	4.33	4.53	4.73	4.93	5.13	5.57	6.07	
55	212.23	4.56	7.11	Student	-1.42	0.83	2.76	3.67	4.56	5.46	6.36	8.29	10.55	
	211.06	4.70	1.59	School	3.36	3.87	4.30	4.50	4.70	4.90	5.10	5.53	6.03	
60	214.33	4.39	7.11	Student	-1.59	0.66	2.59	3.50	4.39	5.28	6.19	8.12	10.37	
	211.98	4.66	1.59	School	3.33	3.83	4.26	4.46	4.66	4.86	5.07	5.50	6.00	
65	216.51	4.21	7.11	Student	-1.77	0.48	2.41	3.32	4.21	5.11	6.01	7.94	10.20	
	212.92	4.63	1.59	School	3.29	3.80	4.23	4.43	4.63	4.83	5.03	5.46	5.96	
70	218.80	4.02	7.11	Student	-1.96	0.30	2.22	3.13	4.02	4.92	5.83	7.75	10.01	
	213.92	4.59	1.59	School	3.25	3.76	4.19	4.39	4.59	4.79	4.99	5.42	5.93	
75	221.27	3.82	7.11	Student	-2.16	0.09	2.02	2.93	3.82	4.72	5.62	7.55	9.81	
	214.99	4.55	1.59	School	3.21	3.72	4.15	4.35	4.55	4.75	4.95	5.38	5.89	
80	224.02	3.60	7.11	Student	-2.39	-0.13	1.80	2.70	3.60	4.49	5.40	7.32	9.58	
	216.19	4.51	1.59	School	3.17	3.67	4.10	4.31	4.51	4.71	4.91	5.34	5.84	
85	227.22	3.33	7.11	Student	-2.65	-0.39	1.53	2.44	3.33	4.23	5.13	7.06	9.32	
	217.58	4.45	1.59	School	3.12	3.62	4.05	4.25	4.45	4.65	4.86	5.29	5.79	
90	231.25	3.00	7.11	Student	-2.98	-0.73	1.20	2.11	3.00	3.90	4.80	6.73	8.99	
	219.33	4.39	1.59	School	3.05	3.55	3.98	4.19	4.39	4.59	4.79	5.22	5.72	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.46: Reading Grade 6
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	193.33	2.59	5.18	Student	-1.77	-0.13	1.28	1.94	2.59	3.24	3.90	5.30	6.95	
	204.86	1.64	0.76	School	1.00	1.24	1.45	1.55	1.64	1.74	1.84	2.04	2.29	
15	197.25	2.39	5.18	Student	-1.97	-0.33	1.08	1.74	2.39	3.04	3.70	5.10	6.75	
	206.57	1.63	0.76	School	0.98	1.22	1.43	1.53	1.63	1.72	1.82	2.03	2.27	
20	200.36	2.23	5.18	Student	-2.13	-0.48	0.92	1.58	2.23	2.88	3.54	4.95	6.59	
	207.93	1.61	0.76	School	0.97	1.21	1.42	1.52	1.61	1.71	1.81	2.01	2.25	
25	203.03	2.10	5.18	Student	-2.26	-0.62	0.78	1.45	2.10	2.75	3.41	4.81	6.45	
	209.10	1.60	0.76	School	0.96	1.20	1.41	1.50	1.60	1.70	1.79	2.00	2.24	
30	205.43	1.97	5.18	Student	-2.38	-0.74	0.66	1.32	1.97	2.63	3.29	4.69	6.33	
	210.15	1.59	0.76	School	0.95	1.19	1.39	1.49	1.59	1.68	1.78	1.99	2.23	
35	207.65	1.86	5.18	Student	-2.50	-0.85	0.55	1.21	1.86	2.51	3.17	4.58	6.22	
	211.12	1.58	0.76	School	0.94	1.18	1.38	1.48	1.58	1.67	1.77	1.98	2.22	
40	209.76	1.76	5.18	Student	-2.60	-0.96	0.44	1.10	1.76	2.41	3.07	4.47	6.11	
	212.04	1.57	0.76	School	0.93	1.17	1.38	1.47	1.57	1.66	1.76	1.97	2.21	
45	211.80	1.65	5.18	Student	-2.71	-1.06	0.34	1.00	1.65	2.30	2.96	4.37	6.01	
	212.93	1.56	0.76	School	0.92	1.16	1.37	1.46	1.56	1.66	1.75	1.96	2.20	
50	213.81	1.55	5.18	Student	-2.81	-1.17	0.24	0.90	1.55	2.20	2.86	4.27	5.91	
	213.81	1.55	0.76	School	0.91	1.15	1.36	1.45	1.55	1.65	1.74	1.95	2.19	
55	215.82	1.45	5.18	Student	-2.91	-1.27	0.14	0.80	1.45	2.10	2.76	4.16	5.81	
	214.69	1.54	0.76	School	0.90	1.14	1.35	1.45	1.54	1.64	1.73	1.94	2.18	
60	217.86	1.35	5.18	Student	-3.01	-1.37	0.03	0.69	1.35	2.00	2.66	4.06	5.70	
	215.58	1.53	0.76	School	0.89	1.13	1.34	1.44	1.53	1.63	1.73	1.93	2.18	
65	219.97	1.24	5.18	Student	-3.12	-1.48	-0.07	0.59	1.24	1.89	2.55	3.95	5.60	
	216.50	1.52	0.76	School	0.88	1.12	1.33	1.43	1.52	1.62	1.72	1.92	2.17	
70	222.19	1.13	5.18	Student	-3.23	-1.59	-0.19	0.48	1.13	1.78	2.44	3.84	5.48	
	217.47	1.51	0.76	School	0.87	1.11	1.32	1.42	1.51	1.61	1.71	1.91	2.16	
75	224.59	1.00	5.18	Student	-3.35	-1.71	-0.31	0.35	1.00	1.66	2.32	3.72	5.36	
	218.52	1.50	0.76	School	0.86	1.10	1.31	1.41	1.50	1.60	1.70	1.90	2.14	
80	227.26	0.87	5.18	Student	-3.49	-1.85	-0.44	0.22	0.87	1.52	2.18	3.58	5.23	
	219.69	1.49	0.76	School	0.85	1.09	1.30	1.39	1.49	1.59	1.68	1.89	2.13	
85	230.37	0.71	5.18	Student	-3.65	-2.00	-0.60	0.06	0.71	1.36	2.02	3.43	5.07	
	221.05	1.48	0.76	School	0.83	1.07	1.28	1.38	1.48	1.57	1.67	1.88	2.12	
90	234.28	0.51	5.18	Student	-3.84	-2.20	-0.80	-0.14	0.51	1.16	1.83	3.23	4.87	
	222.76	1.46	0.76	School	0.81	1.06	1.26	1.36	1.46	1.55	1.65	1.86	2.10	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.47: Reading Grade 7
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	190.25	7.40	5.73	Student	2.57	4.39	5.95	6.68	7.40	8.12	8.85	10.41	12.23	
	202.45	5.59	1.15	School	4.62	4.99	5.30	5.44	5.59	5.73	5.88	6.19	6.55	
15	194.47	6.90	5.73	Student	2.07	3.89	5.44	6.18	6.90	7.62	8.35	9.90	11.72	
	204.34	5.43	1.15	School	4.46	4.83	5.14	5.29	5.43	5.57	5.72	6.03	6.40	
20	197.83	6.50	5.73	Student	1.67	3.49	5.04	5.78	6.50	7.22	7.95	9.50	11.32	
	205.84	5.31	1.15	School	4.34	4.70	5.01	5.16	5.31	5.45	5.60	5.91	6.27	
25	200.71	6.15	5.73	Student	1.33	3.15	4.70	5.43	6.15	6.87	7.60	9.16	10.98	
	207.13	5.20	1.15	School	4.23	4.60	4.91	5.05	5.20	5.34	5.49	5.80	6.16	
30	203.29	5.84	5.73	Student	1.02	2.84	4.39	5.12	5.84	6.56	7.30	8.85	10.67	
	208.28	5.10	1.15	School	4.14	4.50	4.81	4.96	5.10	5.25	5.39	5.70	6.07	
35	205.69	5.56	5.73	Student	0.73	2.55	4.11	4.84	5.56	6.28	7.01	8.57	10.38	
	209.35	5.01	1.15	School	4.05	4.41	4.72	4.87	5.01	5.16	5.30	5.62	5.98	
40	207.96	5.29	5.73	Student	0.46	2.28	3.83	4.57	5.29	6.01	6.74	8.29	10.11	
	210.37	4.93	1.15	School	3.96	4.33	4.64	4.78	4.93	5.07	5.22	5.53	5.90	
45	210.16	5.02	5.73	Student	0.20	2.02	3.57	4.30	5.02	5.75	6.48	8.03	9.85	
	211.35	4.85	1.15	School	3.88	4.24	4.56	4.70	4.85	4.99	5.14	5.45	5.81	
50	212.32	4.77	5.73	Student	-0.06	1.76	3.31	4.05	4.77	5.49	6.22	7.77	9.59	
	212.32	4.77	1.15	School	3.80	4.16	4.48	4.62	4.77	4.91	5.06	5.37	5.73	
55	214.49	4.51	5.73	Student	-0.32	1.50	3.06	3.79	4.51	5.23	5.96	7.52	9.33	
	213.29	4.69	1.15	School	3.72	4.08	4.40	4.54	4.69	4.83	4.98	5.29	5.65	
60	216.69	4.25	5.73	Student	-0.58	1.24	2.79	3.53	4.25	4.97	5.70	7.25	9.07	
	214.27	4.60	1.15	School	3.64	4.00	4.31	4.46	4.60	4.75	4.90	5.21	5.57	
65	218.96	3.97	5.73	Student	-0.85	0.97	2.52	3.25	3.97	4.70	5.43	6.98	8.80	
	215.29	4.52	1.15	School	3.55	3.92	4.23	4.38	4.52	4.66	4.81	5.12	5.49	
70	221.35	3.69	5.73	Student	-1.14	0.68	2.24	2.97	3.69	4.41	5.14	6.70	8.52	
	216.36	4.43	1.15	School	3.46	3.83	4.14	4.29	4.43	4.57	4.72	5.03	5.40	
75	223.94	3.38	5.73	Student	-1.45	0.37	1.93	2.66	3.38	4.10	4.83	6.39	8.21	
	217.52	4.33	1.15	School	3.37	3.73	4.04	4.19	4.33	4.48	4.63	4.94	5.30	
80	226.82	3.04	5.73	Student	-1.79	0.03	1.58	2.32	3.04	3.76	4.49	6.04	7.86	
	218.80	4.23	1.15	School	3.26	3.63	3.94	4.08	4.23	4.37	4.52	4.83	5.19	
85	230.17	2.64	5.73	Student	-2.19	-0.37	1.18	1.92	2.64	3.36	4.09	5.64	7.46	
	220.30	4.10	1.15	School	3.14	3.50	3.81	3.96	4.10	4.25	4.39	4.70	5.07	
90	234.39	2.13	5.73	Student	-2.69	-0.87	0.68	1.41	2.13	2.85	3.59	5.14	6.96	
	222.19	3.95	1.15	School	2.98	3.34	3.65	3.80	3.95	4.09	4.24	4.55	4.91	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.48: Reading Grade 7
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	190.95	4.75	8.01	Student	-1.99	0.55	2.72	3.74	4.75	5.76	6.78	8.95	11.49	
	203.71	1.64	2.26	School	-0.26	0.46	1.07	1.36	1.64	1.93	2.21	2.83	3.54	
15	195.33	3.91	8.01	Student	-2.83	-0.29	1.88	2.90	3.91	4.92	5.94	8.11	10.65	
	205.65	1.40	2.26	School	-0.50	0.21	0.82	1.11	1.40	1.68	1.97	2.58	3.30	
20	198.81	3.24	8.01	Student	-3.50	-0.96	1.21	2.24	3.24	4.25	5.27	7.44	9.98	
	207.19	1.20	2.26	School	-0.70	0.02	0.63	0.92	1.20	1.49	1.77	2.39	3.10	
25	201.79	2.67	8.01	Student	-4.07	-1.53	0.64	1.66	2.67	3.68	4.70	6.87	9.41	
	208.51	1.03	2.26	School	-0.87	-0.15	0.46	0.75	1.03	1.32	1.61	2.22	2.94	
30	204.48	2.16	8.01	Student	-4.59	-2.05	0.13	1.15	2.16	3.16	4.19	6.36	8.90	
	209.70	0.88	2.26	School	-1.02	-0.30	0.31	0.60	0.88	1.17	1.46	2.07	2.79	
35	206.96	1.68	8.01	Student	-5.06	-2.52	-0.35	0.67	1.68	2.69	3.71	5.88	8.42	
	210.80	0.75	2.26	School	-1.16	-0.44	0.17	0.46	0.75	1.03	1.32	1.93	2.65	
40	209.32	1.23	8.01	Student	-5.51	-2.97	-0.80	0.22	1.23	2.23	3.26	5.43	7.97	
	211.84	0.61	2.26	School	-1.29	-0.57	0.04	0.33	0.61	0.90	1.19	1.80	2.52	
45	211.60	0.79	8.01	Student	-5.95	-3.41	-1.24	-0.22	0.79	1.80	2.82	4.99	7.53	
	212.85	0.49	2.26	School	-1.42	-0.70	-0.09	0.20	0.49	0.77	1.06	1.67	2.39	
50	213.84	0.36	8.01	Student	-6.38	-3.84	-1.67	-0.65	0.36	1.37	2.39	4.56	7.10	
	213.84	0.36	2.26	School	-1.54	-0.82	-0.21	0.08	0.36	0.64	0.93	1.55	2.26	
55	216.09	-0.07	8.01	Student	-6.81	-4.27	-2.10	-1.08	-0.07	0.94	1.96	4.13	6.67	
	214.84	0.23	2.26	School	-1.67	-0.95	-0.34	-0.05	0.23	0.52	0.81	1.42	2.14	
60	218.37	-0.51	8.01	Student	-7.25	-4.71	-2.54	-1.51	-0.51	0.50	1.52	3.69	6.24	
	215.85	0.11	2.26	School	-1.80	-1.08	-0.47	-0.18	0.11	0.39	0.68	1.29	2.01	
65	220.73	-0.96	8.01	Student	-7.70	-5.16	-2.99	-1.97	-0.96	0.05	1.07	3.24	5.78	
	216.89	-0.03	2.26	School	-1.93	-1.21	-0.60	-0.31	-0.03	0.26	0.55	1.16	1.88	
70	223.21	-1.44	8.01	Student	-8.18	-5.64	-3.47	-2.44	-1.44	-0.43	0.59	2.77	5.31	
	217.99	-0.16	2.26	School	-2.07	-1.35	-0.74	-0.45	-0.16	0.12	0.41	1.02	1.74	
75	225.89	-1.95	8.01	Student	-8.69	-6.15	-3.98	-2.96	-1.95	-0.94	0.08	2.25	4.79	
	219.18	-0.31	2.26	School	-2.22	-1.50	-0.89	-0.60	-0.31	-0.03	0.26	0.87	1.59	
80	228.88	-2.52	8.01	Student	-9.26	-6.72	-4.55	-3.53	-2.52	-1.52	-0.49	1.68	4.22	
	220.50	-0.48	2.26	School	-2.38	-1.67	-1.05	-0.77	-0.48	-0.20	0.09	0.70	1.42	
85	232.36	-3.19	8.01	Student	-9.93	-7.39	-5.22	-4.20	-3.19	-2.18	-1.16	1.01	3.55	
	222.04	-0.68	2.26	School	-2.58	-1.86	-1.25	-0.96	-0.68	-0.39	-0.10	0.51	1.23	
90	236.74	-4.03	8.01	Student	-10.8	-8.23	-6.06	-5.03	-4.03	-3.02	-2.00	0.17	2.71	
	223.98	-0.92	2.26	School	-2.82	-2.11	-1.49	-1.21	-0.92	-0.64	-0.35	0.26	0.98	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.49: Reading Grade 7
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	190.95	8.07	6.35	Student	2.72	4.74	6.46	7.27	8.07	8.86	9.67	11.39	13.41	
	203.71	5.66	1.46	School	4.43	4.90	5.29	5.48	5.66	5.85	6.03	6.43	6.89	
15	195.33	7.39	6.35	Student	2.05	4.06	5.78	6.59	7.39	8.19	9.00	10.72	12.73	
	205.65	5.44	1.46	School	4.21	4.68	5.07	5.26	5.44	5.63	5.81	6.21	6.67	
20	198.81	6.85	6.35	Student	1.51	3.52	5.24	6.05	6.85	7.65	8.46	10.18	12.19	
	207.19	5.27	1.46	School	4.04	4.50	4.90	5.09	5.27	5.45	5.64	6.04	6.50	
25	201.79	6.39	6.35	Student	1.04	3.06	4.78	5.59	6.39	7.18	7.99	9.71	11.73	
	208.51	5.12	1.46	School	3.89	4.36	4.75	4.94	5.12	5.30	5.49	5.89	6.35	
30	204.48	5.97	6.35	Student	0.63	2.64	4.36	5.17	5.97	6.77	7.58	9.30	11.31	
	209.70	4.99	1.46	School	3.76	4.22	4.62	4.80	4.99	5.17	5.36	5.75	6.22	
35	206.96	5.59	6.35	Student	0.24	2.26	3.98	4.79	5.59	6.38	7.19	8.91	10.93	
	210.80	4.86	1.46	School	3.63	4.10	4.49	4.68	4.86	5.05	5.23	5.63	6.09	
40	209.32	5.22	6.35	Student	-0.12	1.89	3.61	4.42	5.22	6.02	6.83	8.55	10.56	
	211.84	4.74	1.46	School	3.52	3.98	4.38	4.56	4.74	4.93	5.11	5.51	5.97	
45	211.60	4.87	6.35	Student	-0.48	1.54	3.26	4.07	4.87	5.66	6.47	8.20	10.21	
	212.85	4.63	1.46	School	3.40	3.87	4.26	4.45	4.63	4.81	5.00	5.40	5.86	
50	213.84	4.52	6.35	Student	-0.82	1.19	2.91	3.72	4.52	5.32	6.13	7.85	9.86	
	213.84	4.52	1.46	School	3.29	3.75	4.15	4.34	4.52	4.70	4.89	5.28	5.75	
55	216.09	4.17	6.35	Student	-1.17	0.84	2.56	3.37	4.17	4.97	5.78	7.50	9.51	
	214.84	4.41	1.46	School	3.18	3.64	4.04	4.22	4.41	4.59	4.78	5.17	5.64	
60	218.37	3.82	6.35	Student	-1.52	0.49	2.21	3.02	3.82	4.62	5.43	7.15	9.16	
	215.85	4.29	1.46	School	3.06	3.53	3.92	4.11	4.29	4.48	4.66	5.06	5.52	
65	220.73	3.45	6.35	Student	-1.89	0.12	1.84	2.65	3.45	4.25	5.06	6.78	8.79	
	216.89	4.18	1.46	School	2.95	3.41	3.81	3.99	4.18	4.36	4.54	4.94	5.40	
70	223.21	3.07	6.35	Student	-2.27	-0.26	1.46	2.27	3.07	3.86	4.68	6.40	8.41	
	217.99	4.05	1.46	School	2.82	3.29	3.68	3.87	4.05	4.23	4.42	4.82	5.28	
75	225.89	2.65	6.35	Student	-2.69	-0.68	1.04	1.85	2.65	3.45	4.26	5.98	7.99	
	219.18	3.92	1.46	School	2.69	3.15	3.55	3.73	3.92	4.10	4.29	4.68	5.15	
80	228.88	2.19	6.35	Student	-3.15	-1.14	0.58	1.39	2.19	2.99	3.80	5.52	7.53	
	220.50	3.77	1.46	School	2.54	3.00	3.40	3.58	3.77	3.95	4.14	4.53	5.00	
85	232.36	1.65	6.35	Student	-3.69	-1.68	0.04	0.85	1.65	2.45	3.26	4.98	6.99	
	222.04	3.59	1.46	School	2.37	2.83	3.22	3.41	3.59	3.78	3.96	4.36	4.82	
90	236.74	0.97	6.35	Student	-4.37	-2.36	-0.64	0.17	0.97	1.77	2.58	4.30	6.31	
	223.98	3.38	1.46	School	2.15	2.61	3.01	3.19	3.38	3.56	3.75	4.14	4.60	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.50: Reading Grade 7
Fall To Winter Conditional Growth Percentile

Start Status %ile	Growth		Conditional Growth										
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	193.04	4.48	5.46	Student	-0.11	1.62	3.10	3.80	4.48	5.17	5.87	7.35	9.08
	204.89	3.12	1.00	School	2.28	2.59	2.87	2.99	3.12	3.25	3.37	3.64	3.96
15	197.09	4.18	5.46	Student	-0.42	1.31	2.79	3.49	4.18	4.86	5.56	7.04	8.77
	206.67	3.07	1.00	School	2.23	2.55	2.82	2.95	3.07	3.20	3.33	3.60	3.92
20	200.31	3.93	5.46	Student	-0.66	1.07	2.55	3.25	3.93	4.62	5.32	6.80	8.53
	208.09	3.04	1.00	School	2.20	2.51	2.79	2.91	3.04	3.16	3.29	3.56	3.88
25	203.07	3.73	5.46	Student	-0.87	0.86	2.34	3.04	3.73	4.41	5.11	6.59	8.32
	209.30	3.01	1.00	School	2.17	2.48	2.75	2.88	3.01	3.13	3.26	3.53	3.85
30	205.54	3.54	5.46	Student	-1.06	0.67	2.16	2.85	3.54	4.22	4.92	6.40	8.13
	210.39	2.98	1.00	School	2.14	2.46	2.73	2.86	2.98	3.11	3.23	3.51	3.82
35	207.84	3.37	5.46	Student	-1.23	0.50	1.98	2.68	3.37	4.05	4.75	6.23	7.96
	211.40	2.96	1.00	School	2.11	2.43	2.70	2.83	2.96	3.08	3.21	3.48	3.80
40	210.02	3.20	5.46	Student	-1.39	0.34	1.82	2.51	3.20	3.89	4.58	6.06	7.80
	212.36	2.93	1.00	School	2.09	2.41	2.68	2.81	2.93	3.06	3.19	3.46	3.77
45	212.13	3.04	5.46	Student	-1.55	0.18	1.66	2.36	3.04	3.73	4.43	5.91	7.64
	213.29	2.91	1.00	School	2.06	2.38	2.65	2.78	2.91	3.03	3.16	3.43	3.75
50	214.20	2.89	5.46	Student	-1.71	0.02	1.50	2.20	2.89	3.57	4.27	5.75	7.48
	214.20	2.89	1.00	School	2.04	2.36	2.63	2.76	2.89	3.01	3.14	3.41	3.73
55	216.28	2.73	5.46	Student	-1.87	-0.13	1.35	2.04	2.73	3.41	4.11	5.59	7.32
	215.12	2.86	1.00	School	2.02	2.34	2.61	2.74	2.86	2.99	3.12	3.39	3.71
60	218.39	2.57	5.46	Student	-2.03	-0.29	1.19	1.88	2.57	3.26	3.95	5.43	7.17
	216.04	2.84	1.00	School	2.00	2.31	2.59	2.71	2.84	2.96	3.09	3.36	3.68
65	220.57	2.41	5.46	Student	-2.19	-0.46	1.02	1.72	2.41	3.09	3.79	5.27	7.00
	217.00	2.81	1.00	School	1.97	2.29	2.56	2.69	2.81	2.94	3.07	3.34	3.66
70	222.86	2.23	5.46	Student	-2.36	-0.63	0.85	1.55	2.23	2.92	3.62	5.10	6.83
	218.01	2.79	1.00	School	1.95	2.26	2.54	2.66	2.79	2.92	3.04	3.31	3.63
75	225.34	2.05	5.46	Student	-2.55	-0.82	0.66	1.36	2.05	2.73	3.43	4.91	6.64
	219.10	2.76	1.00	School	1.92	2.24	2.51	2.64	2.76	2.89	3.02	3.29	3.61
80	228.10	1.84	5.46	Student	-2.76	-1.03	0.45	1.15	1.84	2.52	3.22	4.70	6.43
	220.32	2.73	1.00	School	1.89	2.21	2.48	2.61	2.73	2.86	2.99	3.26	3.57
85	231.32	1.59	5.46	Student	-3.00	-1.27	0.21	0.91	1.59	2.28	2.98	4.46	6.19
	221.73	2.70	1.00	School	1.85	2.17	2.44	2.57	2.70	2.82	2.95	3.22	3.54
90	235.37	1.29	5.46	Student	-3.31	-1.57	-0.09	0.60	1.29	1.98	2.67	4.15	5.88
	223.52	2.65	1.00	School	1.81	2.13	2.40	2.53	2.65	2.78	2.91	3.18	3.49

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.51: Reading Grade 7
Fall To Spring Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	193.04	6.32	6.95	Student	0.47	2.67	4.56	5.45	6.32	7.19	8.08	9.96	12.17	
	204.89	4.57	1.75	School	3.09	3.65	4.12	4.35	4.57	4.79	5.01	5.49	6.04	
15	197.09	5.91	6.95	Student	0.06	2.26	4.14	5.03	5.91	6.78	7.67	9.55	11.75	
	206.67	4.49	1.75	School	3.01	3.57	4.05	4.27	4.49	4.71	4.93	5.41	5.97	
20	200.31	5.58	6.95	Student	-0.27	1.93	3.82	4.70	5.58	6.45	7.34	9.22	11.43	
	208.09	4.43	1.75	School	2.95	3.51	3.98	4.21	4.43	4.65	4.87	5.35	5.90	
25	203.07	5.30	6.95	Student	-0.55	1.65	3.53	4.42	5.30	6.17	7.06	8.94	11.14	
	209.30	4.37	1.75	School	2.90	3.46	3.93	4.15	4.37	4.59	4.82	5.29	5.85	
30	205.54	5.04	6.95	Student	-0.81	1.40	3.28	4.17	5.04	5.92	6.80	8.69	10.89	
	210.39	4.33	1.75	School	2.85	3.41	3.88	4.11	4.33	4.55	4.77	5.25	5.80	
35	207.84	4.81	6.95	Student	-1.04	1.16	3.05	3.93	4.81	5.68	6.57	8.45	10.66	
	211.40	4.28	1.75	School	2.81	3.36	3.84	4.06	4.28	4.50	4.73	5.20	5.76	
40	210.02	4.59	6.95	Student	-1.26	0.94	2.82	3.71	4.59	5.46	6.35	8.23	10.44	
	212.36	4.24	1.75	School	2.76	3.32	3.80	4.02	4.24	4.46	4.68	5.16	5.71	
45	212.13	4.37	6.95	Student	-1.48	0.73	2.61	3.50	4.37	5.24	6.13	8.02	10.22	
	213.29	4.20	1.75	School	2.72	3.28	3.75	3.98	4.20	4.42	4.64	5.12	5.67	
50	214.20	4.16	6.95	Student	-1.69	0.51	2.40	3.29	4.16	5.03	5.92	7.80	10.01	
	214.20	4.16	1.75	School	2.68	3.24	3.71	3.94	4.16	4.38	4.60	5.08	5.63	
55	216.28	3.95	6.95	Student	-1.90	0.30	2.19	3.07	3.95	4.82	5.71	7.59	9.80	
	215.12	4.12	1.75	School	2.64	3.20	3.67	3.90	4.12	4.34	4.56	5.04	5.59	
60	218.39	3.73	6.95	Student	-2.12	0.09	1.97	2.86	3.73	4.61	5.49	7.38	9.58	
	216.04	4.08	1.75	School	2.60	3.16	3.63	3.86	4.08	4.30	4.52	5.00	5.55	
65	220.57	3.51	6.95	Student	-2.34	-0.14	1.75	2.64	3.51	4.38	5.27	7.15	9.36	
	217.00	4.04	1.75	School	2.56	3.12	3.59	3.82	4.04	4.26	4.48	4.95	5.51	
70	222.86	3.27	6.95	Student	-2.57	-0.37	1.51	2.40	3.27	4.15	5.04	6.92	9.12	
	218.01	3.99	1.75	School	2.52	3.07	3.55	3.77	3.99	4.21	4.44	4.91	5.47	
75	225.34	3.02	6.95	Student	-2.83	-0.62	1.26	2.15	3.02	3.90	4.78	6.67	8.87	
	219.10	3.94	1.75	School	2.47	3.02	3.50	3.72	3.94	4.16	4.39	4.86	5.42	
80	228.10	2.74	6.95	Student	-3.11	-0.90	0.98	1.87	2.74	3.61	4.50	6.39	8.59	
	220.32	3.89	1.75	School	2.41	2.97	3.45	3.67	3.89	4.11	4.33	4.81	5.37	
85	231.32	2.41	6.95	Student	-3.44	-1.23	0.65	1.54	2.41	3.29	4.17	6.06	8.26	
	221.73	3.83	1.75	School	2.35	2.91	3.38	3.61	3.83	4.05	4.27	4.75	5.30	
90	235.37	2.00	6.95	Student	-3.85	-1.65	0.24	1.13	2.00	2.87	3.76	5.64	7.85	
	223.52	3.75	1.75	School	2.27	2.83	3.31	3.53	3.75	3.97	4.19	4.67	5.22	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.52: Reading Grade 7
Fall To N Fall Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth																		
		Mean	SD		20	30	40	45	50	55	60	70	80										
10	193.04	5.56	6.45	Student	0.13	2.18	3.93	4.75	5.56	6.37	7.20	8.94	10.99										
	204.89	4.57	1.36	School	3.42	3.85	4.22	4.40	4.57	4.74	4.91	5.28	5.71										
15	197.09	5.28	6.45	Student	-0.15	1.90	3.65	4.47	5.28	6.09	6.92	8.67	10.71										
	206.67	4.48	1.36	School	3.34	3.77	4.14	4.31	4.48	4.65	4.83	5.19	5.63										
20	200.31	5.06	6.45	Student	-0.37	1.68	3.43	4.25	5.06	5.87	6.70	8.45	10.49										
	208.09	4.41	1.36	School	3.27	3.70	4.07	4.24	4.41	4.58	4.76	5.12	5.56										
25	203.07	4.87	6.45	Student	-0.56	1.49	3.24	4.06	4.87	5.68	6.51	8.26	10.30										
	209.30	4.35	1.36	School	3.21	3.64	4.01	4.18	4.35	4.52	4.70	5.06	5.50										
30	205.54	4.70	6.45	Student	-0.73	1.32	3.07	3.89	4.70	5.51	6.34	8.09	10.13										
	210.39	4.30	1.36	School	3.15	3.58	3.95	4.13	4.30	4.47	4.64	5.01	5.44										
35	207.84	4.55	6.45	Student	-0.88	1.16	2.91	3.74	4.55	5.36	6.18	7.93	9.97										
	211.40	4.25	1.36	School	3.10	3.53	3.90	4.08	4.25	4.42	4.59	4.96	5.39										
40	210.02	4.40	6.45	Student	-1.03	1.01	2.76	3.59	4.40	5.21	6.03	7.78	9.83										
	212.36	4.20	1.36	School	3.05	3.49	3.86	4.03	4.20	4.37	4.54	4.91	5.35										
45	212.13	4.25	6.45	Student	-1.18	0.87	2.62	3.44	4.25	5.06	5.89	7.63	9.68										
	213.29	4.15	1.36	School	3.01	3.44	3.81	3.98	4.15	4.33	4.50	4.87	5.30										
50	214.20	4.11	6.45	Student	-1.32	0.73	2.48	3.30	4.11	4.92	5.74	7.49	9.54										
	214.20	4.11	1.36	School	2.96	3.40	3.76	3.94	4.11	4.28	4.45	4.82	5.25										
55	216.28	3.97	6.45	Student	-1.46	0.58	2.33	3.16	3.97	4.78	5.60	7.35	9.40										
	215.12	4.06	1.36	School	2.92	3.35	3.72	3.89	4.06	4.24	4.41	4.78	5.21										
60	218.39	3.82	6.45	Student	-1.61	0.44	2.19	3.01	3.82	4.63	5.46	7.21	9.25										
	216.04	4.02	1.36	School	2.87	3.31	3.67	3.85	4.02	4.19	4.36	4.73	5.16										
65	220.57	3.67	6.45	Student	-1.76	0.29	2.04	2.86	3.67	4.48	5.31	7.06	9.10										
	217.00	3.97	1.36	School	2.83	3.26	3.63	3.80	3.97	4.14	4.32	4.68	5.12										
70	222.86	3.52	6.45	Student	-1.91	0.13	1.88	2.70	3.52	4.33	5.15	6.90	8.94										
	218.01	3.92	1.36	School	2.78	3.21	3.58	3.75	3.92	4.09	4.27	4.64	5.07										
75	225.34	3.35	6.45	Student	-2.08	-0.04	1.71	2.53	3.35	4.16	4.98	6.73	8.77										
	219.10	3.87	1.36	School	2.72	3.15	3.52	3.70	3.87	4.04	4.21	4.58	5.01										
80	228.10	3.16	6.45	Student	-2.27	-0.23	1.52	2.35	3.16	3.97	4.79	6.54	8.59										
	220.32	3.81	1.36	School	2.66	3.09	3.46	3.64	3.81	3.98	4.15	4.52	4.95										
85	231.32	2.94	6.45	Student	-2.49	-0.45	1.30	2.12	2.94	3.75	4.57	6.32	8.36										
	221.73	3.74	1.36	School	2.59	3.02	3.39	3.57	3.74	3.91	4.08	4.45	4.88										
90	235.37	2.66	6.45	Student	-2.77	-0.72	1.02	1.85	2.66	3.47	4.29	6.04	8.09										
	223.52	3.65	1.36	School	2.51	2.94	3.31	3.48	3.65	3.82	4.00	4.36	4.80										

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.53: Reading Grade 7
Winter To Spring Conditional Growth Percentile

Start %ile	Status			Growth	CGP	Conditional Growth										
	RIT	Mean	SD			CGI	20	30	40	45	50	55	60	70	80	
10	196.31	2.14	5.17	Student	-2.21	-0.57	0.83	1.49	2.14	2.79	3.45	4.85	6.49			
	207.92	1.31	0.76	School	0.67	0.91	1.12	1.22	1.31	1.41	1.51	1.71	1.96			
15	200.28	1.97	5.17	Student	-2.38	-0.74	0.66	1.32	1.97	2.62	3.28	4.68	6.32			
	209.67	1.31	0.76	School	0.66	0.90	1.11	1.21	1.31	1.40	1.50	1.71	1.95			
20	203.44	1.84	5.17	Student	-2.51	-0.87	0.53	1.19	1.84	2.49	3.15	4.55	6.19			
	211.07	1.30	0.76	School	0.66	0.90	1.11	1.20	1.30	1.40	1.49	1.70	1.94			
25	206.15	1.73	5.17	Student	-2.62	-0.98	0.42	1.08	1.73	2.38	3.04	4.44	6.08			
	212.26	1.29	0.76	School	0.65	0.89	1.10	1.20	1.29	1.39	1.49	1.69	1.94			
30	208.59	1.63	5.17	Student	-2.72	-1.08	0.32	0.98	1.63	2.28	2.94	4.34	5.98			
	213.34	1.29	0.76	School	0.65	0.89	1.10	1.19	1.29	1.39	1.48	1.69	1.93			
35	210.84	1.53	5.17	Student	-2.82	-1.18	0.22	0.88	1.53	2.18	2.84	4.24	5.88			
	214.33	1.29	0.76	School	0.64	0.88	1.09	1.19	1.29	1.38	1.48	1.69	1.93			
40	212.98	1.44	5.17	Student	-2.91	-1.27	0.14	0.80	1.44	2.09	2.75	4.16	5.79			
	215.28	1.28	0.76	School	0.64	0.88	1.09	1.19	1.28	1.38	1.47	1.68	1.92			
45	215.05	1.36	5.17	Student	-2.99	-1.35	0.05	0.71	1.36	2.01	2.67	4.07	5.71			
	216.19	1.28	0.76	School	0.63	0.88	1.08	1.18	1.28	1.37	1.47	1.68	1.92			
50	217.09	1.27	5.17	Student	-3.08	-1.44	-0.04	0.62	1.27	1.92	2.58	3.98	5.62			
	217.09	1.27	0.76	School	0.63	0.87	1.08	1.18	1.27	1.37	1.47	1.67	1.92			
55	219.13	1.19	5.17	Student	-3.16	-1.52	-0.12	0.54	1.19	1.84	2.50	3.90	5.54			
	217.99	1.27	0.76	School	0.63	0.87	1.08	1.17	1.27	1.37	1.46	1.67	1.91			
60	221.20	1.10	5.17	Student	-3.25	-1.61	-0.21	0.45	1.10	1.75	2.41	3.81	5.45			
	218.90	1.27	0.76	School	0.62	0.87	1.07	1.17	1.27	1.36	1.46	1.67	1.91			
65	223.34	1.01	5.17	Student	-3.34	-1.70	-0.30	0.36	1.01	1.66	2.32	3.72	5.36			
	219.85	1.26	0.76	School	0.62	0.86	1.07	1.17	1.26	1.36	1.46	1.66	1.90			
70	225.59	0.92	5.17	Student	-3.43	-1.79	-0.39	0.27	0.92	1.57	2.23	3.63	5.27			
	220.84	1.26	0.76	School	0.61	0.86	1.06	1.16	1.26	1.35	1.45	1.66	1.90			
75	228.03	0.82	5.17	Student	-3.53	-1.89	-0.49	0.17	0.82	1.47	2.13	3.53	5.17			
	221.91	1.25	0.76	School	0.61	0.85	1.06	1.16	1.25	1.35	1.45	1.65	1.90			
80	230.74	0.70	5.17	Student	-3.65	-2.01	-0.60	0.06	0.70	1.35	2.01	3.42	5.05			
	223.11	1.25	0.76	School	0.60	0.85	1.05	1.15	1.25	1.34	1.44	1.65	1.89			
85	233.89	0.57	5.17	Student	-3.78	-2.14	-0.74	-0.08	0.57	1.22	1.88	3.28	4.92			
	224.50	1.24	0.76	School	0.60	0.84	1.05	1.15	1.24	1.34	1.44	1.64	1.88			
90	237.87	0.41	5.17	Student	-3.94	-2.30	-0.90	-0.24	0.41	1.06	1.72	3.12	4.76			
	226.26	1.23	0.76	School	0.59	0.83	1.04	1.14	1.23	1.33	1.43	1.63	1.88			

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.54: Reading Grade 8
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	194.49	6.41 6.65	Student	0.81	2.92	4.72	5.57	6.41	7.24	8.09	9.89	12.00	
	206.04	4.72 1.40	School	3.55	3.99	4.37	4.55	4.72	4.90	5.08	5.46	5.90	
15	198.62	6.03 6.65	Student	0.43	2.54	4.34	5.19	6.03	6.86	7.71	9.51	11.62	
	207.96	4.67 1.40	School	3.49	3.93	4.31	4.49	4.67	4.84	5.02	5.40	5.84	
20	201.90	5.73 6.65	Student	0.13	2.24	4.04	4.89	5.73	6.56	7.41	9.21	11.32	
	209.49	4.62 1.40	School	3.44	3.89	4.27	4.45	4.62	4.80	4.97	5.35	5.80	
25	204.72	5.47 6.65	Student	-0.13	1.98	3.78	4.63	5.47	6.30	7.15	8.95	11.06	
	210.80	4.58 1.40	School	3.41	3.85	4.23	4.41	4.58	4.76	4.94	5.31	5.76	
30	207.25	5.23 6.65	Student	-0.36	1.75	3.55	4.40	5.23	6.07	6.92	8.72	10.83	
	211.98	4.55 1.40	School	3.37	3.81	4.19	4.37	4.55	4.72	4.90	5.28	5.72	
35	209.60	5.02 6.65	Student	-0.58	1.53	3.33	4.18	5.02	5.86	6.70	8.51	10.62	
	213.07	4.51 1.40	School	3.34	3.78	4.16	4.34	4.51	4.69	4.87	5.25	5.69	
40	211.82	4.82 6.65	Student	-0.78	1.33	3.13	3.98	4.82	5.65	6.50	8.30	10.41	
	214.10	4.48 1.40	School	3.31	3.75	4.13	4.31	4.48	4.66	4.84	5.22	5.66	
45	213.97	4.62 6.65	Student	-0.98	1.13	2.93	3.78	4.62	5.45	6.30	8.11	10.21	
	215.11	4.45 1.40	School	3.28	3.72	4.10	4.28	4.45	4.63	4.81	5.19	5.63	
50	216.09	4.42 6.65	Student	-1.17	0.94	2.74	3.59	4.42	5.26	6.11	7.91	10.02	
	216.09	4.42 1.40	School	3.25	3.69	4.07	4.25	4.42	4.60	4.78	5.16	5.60	
55	218.21	4.23 6.65	Student	-1.37	0.74	2.54	3.39	4.23	5.06	5.91	7.72	9.83	
	217.08	4.39 1.40	School	3.22	3.66	4.04	4.22	4.39	4.57	4.75	5.13	5.57	
60	220.36	4.03 6.65	Student	-1.56	0.54	2.35	3.20	4.03	4.87	5.72	7.52	9.63	
	218.08	4.36 1.40	School	3.19	3.63	4.01	4.19	4.36	4.54	4.72	5.10	5.54	
65	222.59	3.83 6.65	Student	-1.77	0.34	2.14	2.99	3.83	4.66	5.51	7.31	9.42	
	219.11	4.33 1.40	School	3.16	3.60	3.98	4.16	4.33	4.51	4.69	5.07	5.51	
70	224.93	3.61 6.65	Student	-1.98	0.13	1.93	2.78	3.61	4.45	5.30	7.10	9.21	
	220.20	4.30 1.40	School	3.12	3.57	3.95	4.13	4.30	4.48	4.65	5.03	5.48	
75	227.46	3.38 6.65	Student	-2.22	-0.11	1.70	2.54	3.38	4.22	5.07	6.87	8.98	
	221.38	4.27 1.40	School	3.09	3.53	3.91	4.09	4.27	4.44	4.62	5.00	5.44	
80	230.28	3.12 6.65	Student	-2.47	-0.37	1.44	2.29	3.12	3.96	4.81	6.61	8.72	
	222.69	4.23 1.40	School	3.05	3.49	3.87	4.05	4.23	4.40	4.58	4.96	5.40	
85	233.56	2.82 6.65	Student	-2.78	-0.67	1.14	1.98	2.82	3.66	4.51	6.31	8.42	
	224.22	4.18 1.40	School	3.00	3.45	3.83	4.01	4.18	4.36	4.53	4.91	5.36	
90	237.70	2.44 6.65	Student	-3.16	-1.05	0.76	1.61	2.44	3.28	4.13	5.93	8.04	
	226.14	4.12 1.40	School	2.95	3.39	3.77	3.95	4.12	4.30	4.48	4.86	5.30	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.55: Reading Grade 8
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	195.20	3.74	8.30	Student	-3.24	-0.61	1.64	2.70	3.74	4.78	5.84	8.09	10.72	
	207.19	1.11	2.17	School	-0.71	-0.02	0.56	0.84	1.11	1.38	1.66	2.25	2.94	
15	199.45	3.13	8.30	Student	-3.85	-1.22	1.03	2.09	3.13	4.18	5.24	7.48	10.12	
	209.15	1.01	2.17	School	-0.82	-0.13	0.46	0.74	1.01	1.28	1.56	2.15	2.83	
20	202.83	2.65	8.30	Student	-4.33	-1.70	0.55	1.61	2.65	3.69	4.75	7.00	9.63	
	210.71	0.93	2.17	School	-0.90	-0.21	0.38	0.65	0.93	1.20	1.48	2.06	2.75	
25	205.73	2.24	8.30	Student	-4.75	-2.11	0.14	1.20	2.24	3.28	4.34	6.59	9.22	
	212.05	0.86	2.17	School	-0.97	-0.28	0.31	0.58	0.86	1.13	1.41	1.99	2.68	
30	208.34	1.87	8.30	Student	-5.12	-2.48	-0.23	0.82	1.87	2.91	3.97	6.22	8.85	
	213.25	0.79	2.17	School	-1.03	-0.34	0.24	0.52	0.79	1.06	1.34	1.93	2.62	
35	210.75	1.52	8.30	Student	-5.46	-2.83	-0.58	0.48	1.52	2.57	3.63	5.87	8.51	
	214.36	0.73	2.17	School	-1.09	-0.40	0.18	0.46	0.73	1.01	1.28	1.87	2.56	
40	213.04	1.20	8.30	Student	-5.79	-3.15	-0.90	0.15	1.20	2.24	3.30	5.55	8.18	
	215.41	0.68	2.17	School	-1.15	-0.46	0.13	0.41	0.68	0.95	1.23	1.81	2.50	
45	215.26	0.88	8.30	Student	-6.10	-3.47	-1.22	-0.16	0.88	1.92	2.98	5.23	7.87	
	216.43	0.62	2.17	School	-1.20	-0.51	0.07	0.35	0.62	0.90	1.17	1.76	2.45	
50	217.44	0.57	8.30	Student	-6.41	-3.78	-1.53	-0.47	0.57	1.61	2.67	4.92	7.55	
	217.44	0.57	2.17	School	-1.25	-0.57	0.02	0.30	0.57	0.84	1.12	1.71	2.40	
55	219.62	0.26	8.30	Student	-6.72	-4.09	-1.84	-0.78	0.26	1.30	2.36	4.61	7.24	
	218.44	0.52	2.17	School	-1.31	-0.62	-0.03	0.25	0.52	0.79	1.07	1.65	2.34	
60	221.83	-0.06	8.30	Student	-7.04	-4.41	-2.16	-1.10	-0.06	0.99	2.05	4.30	6.93	
	219.46	0.46	2.17	School	-1.36	-0.67	-0.09	0.19	0.46	0.74	1.01	1.60	2.29	
65	224.12	-0.38	8.30	Student	-7.36	-4.73	-2.48	-1.42	-0.38	0.66	1.72	3.97	6.60	
	220.52	0.41	2.17	School	-1.42	-0.73	-0.14	0.14	0.41	0.68	0.96	1.55	2.23	
70	226.54	-0.73	8.30	Student	-7.71	-5.08	-2.83	-1.77	-0.73	0.32	1.38	3.63	6.26	
	221.63	0.35	2.17	School	-1.47	-0.79	-0.20	0.08	0.35	0.62	0.90	1.49	2.17	
75	229.14	-1.10	8.30	Student	-8.08	-5.45	-3.20	-2.14	-1.10	-0.05	1.01	3.26	5.89	
	222.83	0.29	2.17	School	-1.54	-0.85	-0.26	0.01	0.29	0.56	0.84	1.42	2.11	
80	232.04	-1.51	8.30	Student	-8.49	-5.86	-3.61	-2.55	-1.51	-0.47	0.59	2.84	5.47	
	224.16	0.22	2.17	School	-1.61	-0.92	-0.33	-0.06	0.22	0.49	0.77	1.35	2.04	
85	235.42	-1.99	8.30	Student	-8.97	-6.34	-4.09	-3.03	-1.99	-0.95	0.11	2.36	4.99	
	225.72	0.13	2.17	School	-1.69	-1.00	-0.42	-0.14	0.13	0.41	0.68	1.27	1.96	
90	239.68	-2.60	8.30	Student	-9.58	-6.95	-4.70	-3.64	-2.60	-1.55	-0.49	1.75	4.39	
	227.68	0.03	2.17	School	-1.79	-1.11	-0.52	-0.24	0.03	0.30	0.58	1.17	1.85	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.56: Reading Grade 8
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth								
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80
10	195.20	7.00	7.34	Student	0.82	3.15	5.14	6.08	7.00	7.92	8.86	10.85	13.18
	207.19	4.83	1.88	School	3.25	3.85	4.35	4.59	4.83	5.06	5.30	5.81	6.41
15	199.45	6.47	7.34	Student	0.29	2.62	4.61	5.55	6.47	7.39	8.33	10.32	12.64
	209.15	4.71	1.88	School	3.13	3.73	4.24	4.48	4.71	4.95	5.19	5.70	6.29
20	202.83	6.05	7.34	Student	-0.13	2.20	4.19	5.12	6.05	6.97	7.90	9.89	12.22
	210.71	4.62	1.88	School	3.04	3.64	4.14	4.38	4.62	4.86	5.09	5.60	6.20
25	205.73	5.68	7.34	Student	-0.49	1.83	3.82	4.76	5.68	6.61	7.54	9.53	11.86
	212.05	4.54	1.88	School	2.96	3.56	4.07	4.30	4.54	4.78	5.02	5.52	6.12
30	208.34	5.36	7.34	Student	-0.82	1.51	3.50	4.44	5.36	6.28	7.22	9.21	11.53
	213.25	4.47	1.88	School	2.89	3.49	3.99	4.23	4.47	4.70	4.94	5.45	6.05
35	210.75	5.06	7.34	Student	-1.12	1.21	3.20	4.13	5.06	5.98	6.92	8.90	11.23
	214.36	4.40	1.88	School	2.82	3.42	3.93	4.17	4.40	4.64	4.88	5.39	5.98
40	213.04	4.77	7.34	Student	-1.41	0.92	2.91	3.85	4.77	5.69	6.63	8.62	10.95
	215.41	4.34	1.88	School	2.76	3.36	3.87	4.10	4.34	4.58	4.82	5.32	5.92
45	215.26	4.49	7.34	Student	-1.68	0.64	2.63	3.57	4.49	5.42	6.35	8.34	10.67
	216.43	4.28	1.88	School	2.70	3.30	3.80	4.04	4.28	4.52	4.76	5.26	5.86
50	217.44	4.22	7.34	Student	-1.96	0.37	2.36	3.30	4.22	5.14	6.08	8.07	10.40
	217.44	4.22	1.88	School	2.64	3.24	3.75	3.98	4.22	4.46	4.70	5.20	5.80
55	219.62	3.95	7.34	Student	-2.23	0.10	2.09	3.03	3.95	4.87	5.81	7.80	10.13
	218.44	4.16	1.88	School	2.58	3.18	3.69	3.93	4.16	4.40	4.64	5.14	5.74
60	221.83	3.67	7.34	Student	-2.51	-0.18	1.81	2.75	3.67	4.59	5.53	7.52	9.85
	219.46	4.10	1.88	School	2.52	3.12	3.63	3.86	4.10	4.34	4.58	5.08	5.68
65	224.12	3.38	7.34	Student	-2.79	-0.46	1.53	2.46	3.38	4.31	5.24	7.23	9.56
	220.52	4.04	1.88	School	2.46	3.05	3.56	3.80	4.04	4.27	4.51	5.02	5.62
70	226.54	3.08	7.34	Student	-3.09	-0.77	1.22	2.16	3.08	4.01	4.94	6.93	9.26
	221.63	3.97	1.88	School	2.39	2.99	3.50	3.74	3.97	4.21	4.45	4.96	5.55
75	229.14	2.76	7.34	Student	-3.42	-1.09	0.90	1.84	2.76	3.68	4.62	6.61	8.94
	222.83	3.90	1.88	School	2.32	2.92	3.43	3.66	3.90	4.14	4.38	4.88	5.48
80	232.04	2.40	7.34	Student	-3.78	-1.45	0.54	1.47	2.40	3.32	4.25	6.24	8.57
	224.16	3.82	1.88	School	2.24	2.84	3.35	3.59	3.82	4.06	4.30	4.80	5.40
85	235.42	1.97	7.34	Student	-4.20	-1.88	0.11	1.05	1.97	2.90	3.83	5.82	8.15
	225.72	3.73	1.88	School	2.15	2.75	3.25	3.49	3.73	3.96	4.20	4.71	5.31
90	239.68	1.44	7.34	Student	-4.74	-2.41	-0.42	0.52	1.44	2.36	3.30	5.29	7.62
	227.68	3.61	1.88	School	2.03	2.63	3.14	3.38	3.61	3.85	4.09	4.60	5.19

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.57: Reading Grade 8
Fall To Winter Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	196.17	4.18	5.58	Student	-0.52	1.25	2.77	3.48	4.18	4.88	5.60	7.11	8.88		
	207.92	2.80	1.15	School	1.82	2.19	2.50	2.65	2.80	2.94	3.09	3.40	3.77		
15	200.35	3.86	5.58	Student	-0.84	0.93	2.45	3.16	3.86	4.56	5.27	6.79	8.56		
	209.85	2.74	1.15	School	1.77	2.14	2.45	2.60	2.74	2.89	3.03	3.35	3.71		
20	203.67	3.61	5.58	Student	-1.09	0.68	2.19	2.91	3.61	4.31	5.02	6.53	8.30		
	211.38	2.70	1.15	School	1.73	2.09	2.40	2.55	2.70	2.84	2.99	3.30	3.67		
25	206.52	3.39	5.58	Student	-1.31	0.46	1.97	2.69	3.39	4.09	4.80	6.31	8.09		
	212.70	2.66	1.15	School	1.69	2.05	2.37	2.51	2.66	2.80	2.95	3.26	3.63		
30	209.07	3.19	5.58	Student	-1.51	0.27	1.78	2.49	3.19	3.89	4.61	6.12	7.89		
	213.88	2.63	1.15	School	1.65	2.02	2.33	2.48	2.63	2.77	2.92	3.23	3.60		
35	211.44	3.01	5.58	Student	-1.69	0.08	1.60	2.31	3.01	3.71	4.42	5.94	7.71		
	214.97	2.59	1.15	School	1.62	1.99	2.30	2.45	2.59	2.74	2.89	3.20	3.56		
40	213.69	2.84	5.58	Student	-1.86	-0.09	1.42	2.14	2.84	3.54	4.25	5.76	7.54		
	216.01	2.56	1.15	School	1.59	1.96	2.27	2.42	2.56	2.71	2.86	3.17	3.54		
45	215.87	2.67	5.58	Student	-2.03	-0.26	1.26	1.97	2.67	3.37	4.09	5.60	7.37		
	217.02	2.54	1.15	School	1.56	1.93	2.24	2.39	2.54	2.68	2.83	3.14	3.51		
50	218.01	2.51	5.58	Student	-2.19	-0.42	1.09	1.81	2.51	3.21	3.92	5.43	7.20		
	218.01	2.51	1.15	School	1.54	1.90	2.21	2.36	2.51	2.65	2.80	3.11	3.48		
55	220.15	2.34	5.58	Student	-2.35	-0.58	0.93	1.64	2.34	3.04	3.76	5.27	7.04		
	219.00	2.48	1.15	School	1.51	1.87	2.19	2.33	2.48	2.62	2.77	3.08	3.45		
60	222.32	2.18	5.58	Student	-2.52	-0.75	0.76	1.47	2.18	2.88	3.59	5.10	6.87		
	220.00	2.45	1.15	School	1.48	1.85	2.16	2.31	2.45	2.60	2.74	3.06	3.42		
65	224.57	2.00	5.58	Student	-2.69	-0.92	0.59	1.30	2.00	2.71	3.42	4.93	6.70		
	221.04	2.42	1.15	School	1.45	1.82	2.13	2.28	2.42	2.57	2.71	3.03	3.39		
70	226.94	1.82	5.58	Student	-2.88	-1.10	0.41	1.12	1.82	2.52	3.24	4.75	6.52		
	222.14	2.39	1.15	School	1.42	1.78	2.10	2.24	2.39	2.53	2.68	2.99	3.36		
75	229.50	1.63	5.58	Student	-3.07	-1.30	0.21	0.92	1.63	2.33	3.04	4.55	6.32		
	223.32	2.36	1.15	School	1.38	1.75	2.06	2.21	2.36	2.50	2.65	2.96	3.33		
80	232.35	1.41	5.58	Student	-3.29	-1.52	-0.01	0.71	1.41	2.11	2.82	4.33	6.10		
	224.64	2.32	1.15	School	1.35	1.71	2.03	2.17	2.32	2.46	2.61	2.92	3.29		
85	235.67	1.15	5.58	Student	-3.54	-1.77	-0.26	0.45	1.15	1.85	2.57	4.08	5.85		
	226.17	2.27	1.15	School	1.30	1.67	1.98	2.13	2.27	2.42	2.57	2.88	3.24		
90	239.84	0.83	5.58	Student	-3.86	-2.09	-0.58	0.13	0.83	1.53	2.25	3.76	5.53		
	228.10	2.22	1.15	School	1.25	1.61	1.93	2.07	2.22	2.36	2.51	2.82	3.19		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.58: Reading Grade 8
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth RIT	Growth Mean SD		CGP CGI	Conditional Growth									
					20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	196.17	5.96	7.24	Student	-0.13	2.17	4.13	5.05	5.96	6.87	7.80	9.76	12.06	
	207.92	4.15	2.02	School	2.46	3.10	3.64	3.90	4.15	4.41	4.67	5.21	5.85	
15	200.35	5.52	7.24	Student	-0.57	1.72	3.69	4.61	5.52	6.43	7.36	9.32	11.62	
	209.85	4.06	2.02	School	2.36	3.00	3.55	3.80	4.06	4.31	4.57	5.12	5.76	
20	203.67	5.17	7.24	Student	-0.92	1.37	3.34	4.26	5.17	6.08	7.00	8.97	11.26	
	211.38	3.98	2.02	School	2.28	2.92	3.47	3.73	3.98	4.23	4.49	5.04	5.68	
25	206.52	4.87	7.24	Student	-1.23	1.07	3.03	3.96	4.87	5.78	6.70	8.67	10.96	
	212.70	3.91	2.02	School	2.22	2.86	3.40	3.66	3.91	4.17	4.43	4.97	5.61	
30	209.07	4.60	7.24	Student	-1.50	0.80	2.76	3.69	4.60	5.51	6.43	8.39	10.69	
	213.88	3.86	2.02	School	2.16	2.80	3.34	3.60	3.86	4.11	4.37	4.91	5.55	
35	211.44	4.35	7.24	Student	-1.75	0.55	2.51	3.44	4.35	5.26	6.18	8.14	10.44	
	214.97	3.80	2.02	School	2.10	2.74	3.29	3.55	3.80	4.05	4.31	4.86	5.50	
40	213.69	4.11	7.24	Student	-1.99	0.31	2.27	3.20	4.11	5.02	5.94	7.90	10.20	
	216.01	3.75	2.02	School	2.05	2.69	3.24	3.50	3.75	4.00	4.26	4.81	5.45	
45	215.87	3.88	7.24	Student	-2.22	0.08	2.04	2.97	3.88	4.79	5.71	7.67	9.97	
	217.02	3.70	2.02	School	2.00	2.64	3.19	3.45	3.70	3.95	4.21	4.76	5.40	
50	218.01	3.65	7.24	Student	-2.44	-0.15	1.81	2.74	3.65	4.56	5.48	7.45	9.74	
	218.01	3.65	2.02	School	1.95	2.59	3.14	3.40	3.65	3.90	4.16	4.71	5.35	
55	220.15	3.42	7.24	Student	-2.67	-0.37	1.59	2.51	3.42	4.33	5.26	7.22	9.52	
	219.00	3.60	2.02	School	1.90	2.54	3.09	3.35	3.60	3.85	4.11	4.66	5.30	
60	222.32	3.19	7.24	Student	-2.90	-0.61	1.36	2.28	3.19	4.10	5.03	6.99	9.29	
	220.00	3.55	2.02	School	1.85	2.49	3.04	3.30	3.55	3.80	4.06	4.61	5.25	
65	224.57	2.95	7.24	Student	-3.14	-0.84	1.12	2.04	2.95	3.86	4.79	6.75	9.05	
	221.04	3.50	2.02	School	1.80	2.44	2.99	3.24	3.50	3.75	4.01	4.56	5.20	
70	226.94	2.70	7.24	Student	-3.39	-1.10	0.87	1.79	2.70	3.61	4.54	6.50	8.80	
	222.14	3.44	2.02	School	1.74	2.38	2.93	3.19	3.44	3.70	3.95	4.50	5.14	
75	229.50	2.43	7.24	Student	-3.66	-1.37	0.60	1.52	2.43	3.34	4.27	6.23	8.53	
	223.32	3.38	2.02	School	1.69	2.33	2.87	3.13	3.38	3.64	3.90	4.44	5.08	
80	232.35	2.13	7.24	Student	-3.97	-1.67	0.29	1.22	2.13	3.04	3.96	5.93	8.22	
	224.64	3.32	2.02	School	1.62	2.26	2.81	3.06	3.32	3.57	3.83	4.38	5.02	
85	235.67	1.78	7.24	Student	-4.32	-2.02	-0.06	0.87	1.78	2.69	3.61	5.57	7.87	
	226.17	3.24	2.02	School	1.54	2.18	2.73	2.99	3.24	3.49	3.75	4.30	4.94	
90	239.84	1.33	7.24	Student	-4.76	-2.46	-0.50	0.42	1.33	2.24	3.17	5.13	7.43	
	228.10	3.14	2.02	School	1.45	2.09	2.63	2.89	3.14	3.40	3.66	4.20	4.84	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.59: Reading Grade 8
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	196.17	2.43 7.48	Student	-3.86	-1.49	0.54	1.49	2.43	3.37	4.33	6.35	8.72	
	207.92	2.50 1.63	School	1.13	1.64	2.08	2.29	2.50	2.70	2.91	3.35	3.87	
15	200.35	2.49 7.48	Student	-3.81	-1.43	0.59	1.55	2.49	3.43	4.38	6.41	8.78	
	209.85	2.54 1.63	School	1.17	1.68	2.13	2.33	2.54	2.74	2.95	3.39	3.91	
20	203.67	2.53 7.48	Student	-3.76	-1.39	0.63	1.59	2.53	3.47	4.42	6.45	8.82	
	211.38	2.57 1.63	School	1.20	1.72	2.16	2.37	2.57	2.78	2.98	3.43	3.94	
25	206.52	2.57 7.48	Student	-3.73	-1.35	0.67	1.63	2.57	3.51	4.46	6.49	8.86	
	212.70	2.60 1.63	School	1.23	1.75	2.19	2.40	2.60	2.80	3.01	3.45	3.97	
30	209.07	2.60 7.48	Student	-3.69	-1.32	0.70	1.66	2.60	3.54	4.49	6.52	8.89	
	213.88	2.63 1.63	School	1.26	1.77	2.21	2.42	2.63	2.83	3.04	3.48	4.00	
35	211.44	2.63 7.48	Student	-3.66	-1.29	0.74	1.69	2.63	3.57	4.52	6.55	8.92	
	214.97	2.65 1.63	School	1.28	1.80	2.24	2.44	2.65	2.85	3.06	3.50	4.02	
40	213.69	2.66 7.48	Student	-3.63	-1.26	0.76	1.72	2.66	3.60	4.55	6.58	8.95	
	216.01	2.67 1.63	School	1.30	1.82	2.26	2.47	2.67	2.88	3.08	3.53	4.04	
45	215.87	2.69 7.48	Student	-3.61	-1.23	0.79	1.75	2.69	3.63	4.58	6.61	8.98	
	217.02	2.69 1.63	School	1.32	1.84	2.28	2.49	2.69	2.90	3.11	3.55	4.06	
50	218.01	2.71 7.48	Student	-3.58	-1.21	0.82	1.78	2.71	3.65	4.61	6.64	9.01	
	218.01	2.71 1.63	School	1.34	1.86	2.30	2.51	2.71	2.92	3.13	3.57	4.09	
55	220.15	2.74 7.48	Student	-3.55	-1.18	0.85	1.80	2.74	3.68	4.64	6.66	9.04	
	219.00	2.74 1.63	School	1.37	1.88	2.32	2.53	2.74	2.94	3.15	3.59	4.11	
60	222.32	2.77 7.48	Student	-3.52	-1.15	0.88	1.83	2.77	3.71	4.67	6.69	9.06	
	220.00	2.76 1.63	School	1.39	1.90	2.35	2.55	2.76	2.96	3.17	3.61	4.13	
65	224.57	2.80 7.48	Student	-3.49	-1.12	0.91	1.86	2.80	3.74	4.69	6.72	9.09	
	221.04	2.78 1.63	School	1.41	1.93	2.37	2.58	2.78	2.99	3.19	3.63	4.15	
70	226.94	2.83 7.48	Student	-3.46	-1.09	0.94	1.89	2.83	3.77	4.73	6.75	9.12	
	222.14	2.80 1.63	School	1.43	1.95	2.39	2.60	2.80	3.01	3.22	3.66	4.17	
75	229.50	2.86 7.48	Student	-3.43	-1.06	0.97	1.92	2.86	3.80	4.76	6.78	9.16	
	223.32	2.83 1.63	School	1.46	1.98	2.42	2.63	2.83	3.03	3.24	3.68	4.20	
80	232.35	2.90 7.48	Student	-3.39	-1.02	1.01	1.96	2.90	3.84	4.80	6.82	9.19	
	224.64	2.86 1.63	School	1.49	2.00	2.45	2.65	2.86	3.06	3.27	3.71	4.23	
85	235.67	2.94 7.48	Student	-3.35	-0.98	1.05	2.00	2.94	3.88	4.84	6.86	9.24	
	226.17	2.89 1.63	School	1.52	2.04	2.48	2.69	2.89	3.10	3.30	3.75	4.26	
90	239.84	3.00 7.48	Student	-3.29	-0.92	1.10	2.06	3.00	3.94	4.89	6.92	9.29	
	228.10	2.93 1.63	School	1.56	2.08	2.52	2.73	2.93	3.14	3.35	3.79	4.30	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.60: Reading Grade 8
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		Conditional Growth										
	RIT	Mean SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	199.12	2.00 5.25	Student	-2.42	-0.76	0.66	1.34	2.00	2.65	3.33	4.75	6.41	
	210.60	1.19 0.88	School	0.45	0.73	0.97	1.08	1.19	1.30	1.41	1.65	1.93	
15	203.21	1.83 5.25	Student	-2.59	-0.92	0.50	1.17	1.83	2.49	3.16	4.59	6.25	
	212.50	1.18 0.88	School	0.44	0.72	0.96	1.07	1.18	1.29	1.40	1.64	1.92	
20	206.47	1.70 5.25	Student	-2.72	-1.05	0.37	1.04	1.70	2.36	3.03	4.46	6.12	
	214.00	1.17 0.88	School	0.43	0.71	0.95	1.06	1.17	1.29	1.40	1.64	1.92	
25	209.26	1.59 5.25	Student	-2.83	-1.16	0.26	0.93	1.59	2.25	2.92	4.34	6.01	
	215.30	1.17 0.88	School	0.43	0.71	0.94	1.06	1.17	1.28	1.39	1.63	1.91	
30	211.76	1.49 5.25	Student	-2.93	-1.26	0.16	0.83	1.49	2.15	2.82	4.24	5.91	
	216.46	1.16 0.88	School	0.42	0.70	0.94	1.05	1.16	1.27	1.39	1.62	1.90	
35	214.08	1.40 5.25	Student	-3.02	-1.35	0.07	0.74	1.40	2.06	2.73	4.15	5.82	
	217.53	1.16 0.88	School	0.42	0.69	0.93	1.05	1.16	1.27	1.38	1.62	1.90	
40	216.29	1.31 5.25	Student	-3.11	-1.44	-0.02	0.65	1.31	1.97	2.64	4.06	5.73	
	218.56	1.15 0.88	School	0.41	0.69	0.93	1.04	1.15	1.26	1.38	1.61	1.89	
45	218.42	1.23 5.25	Student	-3.19	-1.53	-0.10	0.57	1.23	1.89	2.56	3.98	5.64	
	219.54	1.15 0.88	School	0.41	0.68	0.92	1.04	1.15	1.26	1.37	1.61	1.89	
50	220.52	1.14 5.25	Student	-3.28	-1.61	-0.19	0.48	1.14	1.80	2.47	3.90	5.56	
	220.52	1.14 0.88	School	0.40	0.68	0.92	1.03	1.14	1.25	1.37	1.60	1.88	
55	222.61	1.06 5.25	Student	-3.36	-1.69	-0.27	0.40	1.06	1.72	2.39	3.81	5.48	
	221.49	1.14 0.88	School	0.40	0.68	0.91	1.03	1.14	1.25	1.36	1.60	1.88	
60	224.74	0.97 5.25	Student	-3.45	-1.78	-0.36	0.31	0.97	1.63	2.30	3.73	5.39	
	222.47	1.13 0.88	School	0.39	0.67	0.91	1.02	1.13	1.24	1.36	1.59	1.87	
65	226.95	0.89 5.25	Student	-3.53	-1.87	-0.44	0.23	0.89	1.55	2.22	3.64	5.30	
	223.50	1.13 0.88	School	0.39	0.67	0.90	1.02	1.13	1.24	1.35	1.59	1.87	
70	229.27	0.79 5.25	Student	-3.63	-1.96	-0.54	0.13	0.79	1.45	2.12	3.55	5.21	
	224.57	1.12 0.88	School	0.38	0.66	0.90	1.01	1.12	1.23	1.35	1.58	1.86	
75	231.77	0.69 5.25	Student	-3.73	-2.06	-0.64	0.03	0.69	1.35	2.02	3.45	5.11	
	225.73	1.12 0.88	School	0.37	0.65	0.89	1.01	1.12	1.23	1.34	1.58	1.86	
80	234.56	0.58 5.25	Student	-3.84	-2.17	-0.75	-0.08	0.58	1.24	1.91	3.34	5.00	
	227.03	1.11 0.88	School	0.37	0.65	0.89	1.00	1.11	1.22	1.33	1.57	1.85	
85	237.82	0.45 5.25	Student	-3.97	-2.30	-0.88	-0.21	0.45	1.11	1.78	3.21	4.87	
	228.53	1.10 0.88	School	0.36	0.64	0.88	0.99	1.10	1.21	1.33	1.56	1.84	
90	241.91	0.29 5.25	Student	-4.13	-2.46	-1.04	-0.37	0.29	0.95	1.62	3.04	4.71	
	230.43	1.09 0.88	School	0.35	0.63	0.87	0.98	1.09	1.20	1.32	1.56	1.84	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.61: Reading Grade 9
Last Winter To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	190.49	7.39	6.22	Student	2.16	4.13	5.82	6.61	7.39	8.18	8.97	10.66	12.63	
	203.68	4.98	1.34	School	3.85	4.28	4.64	4.81	4.98	5.15	5.32	5.69	6.11	
15	195.60	6.61	6.22	Student	1.37	3.35	5.04	5.83	6.61	7.40	8.19	9.88	11.85	
	206.27	4.66	1.34	School	3.53	3.96	4.32	4.49	4.66	4.83	5.00	5.37	5.79	
20	199.66	5.99	6.22	Student	0.75	2.73	4.42	5.21	5.99	6.77	7.57	9.26	11.23	
	208.32	4.41	1.34	School	3.28	3.70	4.07	4.24	4.41	4.58	4.75	5.11	5.54	
25	203.14	5.46	6.22	Student	0.22	2.20	3.88	4.68	5.46	6.24	7.04	8.72	10.70	
	210.09	4.19	1.34	School	3.06	3.49	3.85	4.02	4.19	4.36	4.53	4.89	5.32	
30	206.27	4.98	6.22	Student	-0.26	1.72	3.40	4.20	4.98	5.76	6.56	8.25	10.22	
	211.67	3.99	1.34	School	2.86	3.29	3.65	3.83	3.99	4.16	4.33	4.70	5.12	
35	209.17	4.54	6.22	Student	-0.70	1.27	2.96	3.76	4.54	5.32	6.12	7.80	9.78	
	213.14	3.81	1.34	School	2.68	3.11	3.47	3.64	3.81	3.98	4.15	4.52	4.94	
40	211.92	4.12	6.22	Student	-1.12	0.85	2.54	3.34	4.12	4.90	5.69	7.38	9.36	
	214.53	3.64	1.34	School	2.51	2.94	3.30	3.47	3.64	3.81	3.98	4.35	4.77	
45	214.59	3.71	6.22	Student	-1.53	0.45	2.13	2.93	3.71	4.49	5.29	6.98	8.95	
	215.88	3.47	1.34	School	2.34	2.77	3.13	3.31	3.47	3.64	3.81	4.18	4.60	
50	217.21	3.31	6.22	Student	-1.93	0.05	1.73	2.53	3.31	4.09	4.89	6.57	8.55	
	217.21	3.31	1.34	School	2.18	2.61	2.97	3.14	3.31	3.48	3.65	4.02	4.44	
55	219.83	2.91	6.22	Student	-2.33	-0.35	1.33	2.13	2.91	3.69	4.49	6.17	8.15	
	218.53	3.15	1.34	School	2.02	2.44	2.81	2.98	3.15	3.32	3.49	3.85	4.28	
60	222.49	2.50	6.22	Student	-2.73	-0.76	0.93	1.72	2.50	3.29	4.08	5.77	7.74	
	219.88	2.98	1.34	School	1.85	2.28	2.64	2.81	2.98	3.15	3.32	3.69	4.11	
65	225.24	2.08	6.22	Student	-3.15	-1.18	0.51	1.30	2.08	2.87	3.66	5.35	7.32	
	221.28	2.81	1.34	School	1.68	2.10	2.47	2.64	2.81	2.98	3.15	3.51	3.94	
70	228.14	1.64	6.22	Student	-3.60	-1.62	0.06	0.86	1.64	2.42	3.22	4.90	6.88	
	222.74	2.63	1.34	School	1.50	1.92	2.29	2.46	2.63	2.80	2.97	3.33	3.76	
75	231.27	1.16	6.22	Student	-4.08	-2.10	-0.41	0.38	1.16	1.94	2.74	4.43	6.40	
	224.33	2.43	1.34	School	1.30	1.73	2.09	2.26	2.43	2.60	2.77	3.14	3.56	
80	234.76	0.63	6.22	Student	-4.61	-2.63	-0.95	-0.15	0.63	1.41	2.21	3.89	5.87	
	226.09	2.21	1.34	School	1.08	1.51	1.87	2.05	2.21	2.38	2.55	2.92	3.34	
85	238.82	0.01	6.22	Student	-5.23	-3.25	-1.57	-0.77	0.01	0.79	1.59	3.27	5.25	
	228.15	1.96	1.34	School	0.83	1.26	1.62	1.79	1.96	2.13	2.30	2.66	3.09	
90	243.93	-0.77	6.22	Student	-6.01	-4.04	-2.35	-1.55	-0.77	0.01	0.81	2.49	4.47	
	230.74	1.64	1.34	School	0.51	0.94	1.30	1.47	1.64	1.81	1.98	2.35	2.77	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.62: Reading Grade 9
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	190.01	8.17	10.03	Student	-0.27	2.91	5.63	6.91	8.17	9.43	10.71	13.43	16.61	
	204.53	2.67	2.79	School	0.32	1.21	1.96	2.32	2.67	3.02	3.37	4.13	5.01	
15	195.42	6.72	10.03	Student	-1.72	1.46	4.18	5.46	6.72	7.98	9.26	11.98	15.16	
	207.16	2.27	2.79	School	-0.07	0.81	1.57	1.92	2.27	2.62	2.98	3.73	4.62	
20	199.72	5.57	10.03	Student	-2.87	0.31	3.03	4.31	5.57	6.83	8.11	10.83	14.01	
	209.26	1.96	2.79	School	-0.39	0.50	1.25	1.61	1.96	2.31	2.66	3.42	4.30	
25	203.41	4.58	10.03	Student	-3.85	-0.67	2.04	3.32	4.58	5.84	7.12	9.84	13.02	
	211.05	1.69	2.79	School	-0.66	0.23	0.98	1.34	1.69	2.04	2.39	3.15	4.03	
30	206.72	3.70	10.03	Student	-4.74	-1.56	1.16	2.44	3.70	4.96	6.24	8.96	12.14	
	212.66	1.45	2.79	School	-0.90	-0.02	0.74	1.10	1.45	1.80	2.15	2.91	3.79	
35	209.79	2.88	10.03	Student	-5.56	-2.38	0.34	1.62	2.88	4.14	5.42	8.13	11.31	
	214.16	1.22	2.79	School	-1.12	-0.24	0.52	0.87	1.22	1.57	1.93	2.68	3.57	
40	212.71	2.10	10.03	Student	-6.34	-3.16	-0.44	0.84	2.10	3.36	4.64	7.35	10.53	
	215.58	1.01	2.79	School	-1.34	-0.45	0.30	0.66	1.01	1.36	1.71	2.47	3.35	
45	215.52	1.34	10.03	Student	-7.10	-3.92	-1.20	0.08	1.34	2.60	3.88	6.60	9.78	
	216.95	0.80	2.79	School	-1.54	-0.66	0.10	0.45	0.80	1.15	1.51	2.26	3.15	
50	218.30	0.60	10.03	Student	-7.84	-4.66	-1.94	-0.66	0.60	1.86	3.14	5.86	9.04	
	218.30	0.60	2.79	School	-1.75	-0.86	-0.11	0.25	0.60	0.95	1.31	2.06	2.94	
55	221.07	-0.14	10.03	Student	-8.58	-5.40	-2.68	-1.40	-0.14	1.12	2.40	5.11	8.30	
	219.65	0.40	2.79	School	-1.95	-1.06	-0.31	0.05	0.40	0.75	1.10	1.86	2.74	
60	223.89	-0.90	10.03	Student	-9.34	-6.16	-3.44	-2.16	-0.90	0.36	1.64	4.36	7.54	
	221.02	0.19	2.79	School	-2.16	-1.27	-0.52	-0.16	0.19	0.54	0.90	1.65	2.54	
65	226.80	-1.68	10.03	Student	-10.1	-6.94	-4.22	-2.94	-1.68	-0.42	0.86	3.58	6.76	
	222.44	-0.02	2.79	School	-2.37	-1.48	-0.73	-0.37	-0.02	0.33	0.68	1.44	2.32	
70	229.87	-2.50	10.03	Student	-10.9	-7.76	-5.04	-3.76	-2.50	-1.24	0.04	2.76	5.94	
	223.93	-0.25	2.79	School	-2.59	-1.71	-0.95	-0.60	-0.25	0.10	0.46	1.21	2.10	
75	233.19	-3.39	10.03	Student	-11.8	-8.64	-5.93	-4.65	-3.39	-2.13	-0.85	1.87	5.05	
	225.55	-0.49	2.79	School	-2.84	-1.95	-1.20	-0.84	-0.49	-0.14	0.22	0.97	1.86	
80	236.88	-4.37	10.03	Student	-12.8	-9.63	-6.91	-5.63	-4.37	-3.11	-1.83	0.88	4.07	
	227.34	-0.76	2.79	School	-3.11	-2.22	-1.47	-1.11	-0.76	-0.41	-0.05	0.70	1.59	
85	241.18	-5.52	10.03	Student	-14.0	-10.8	-8.06	-6.78	-5.52	-4.26	-2.98	-0.27	2.91	
	229.43	-1.07	2.79	School	-3.42	-2.54	-1.78	-1.42	-1.07	-0.72	-0.37	0.39	1.27	
90	246.59	-6.97	10.03	Student	-15.4	-12.2	-9.51	-8.23	-6.97	-5.71	-4.43	-1.71	1.47	
	232.07	-1.47	2.79	School	-3.82	-2.93	-2.18	-1.82	-1.47	-1.12	-0.76	-0.01	0.87	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.63: Reading Grade 9
Last Spring To Spring Conditional Growth Percentile

Start Status	Growth		Conditional Growth										
			CGP	20	30	40	45	50	55	60	70	80	
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	190.01	8.77	7.09	Student	2.80	5.05	6.97	7.87	8.77	9.66	10.56	12.48	14.73
	204.53	5.15	1.66	School	3.75	4.28	4.73	4.94	5.15	5.36	5.57	6.02	6.55
15	195.42	7.68	7.09	Student	1.72	3.96	5.89	6.79	7.68	8.57	9.48	11.40	13.65
	207.16	4.76	1.66	School	3.36	3.89	4.34	4.55	4.76	4.97	5.18	5.63	6.16
20	199.72	6.82	7.09	Student	0.85	3.10	5.03	5.93	6.82	7.71	8.62	10.54	12.79
	209.26	4.45	1.66	School	3.05	3.57	4.03	4.24	4.45	4.66	4.87	5.32	5.85
25	203.41	6.08	7.09	Student	0.12	2.37	4.29	5.19	6.08	6.97	7.88	9.80	12.05
	211.05	4.18	1.66	School	2.78	3.31	3.76	3.97	4.18	4.39	4.60	5.05	5.58
30	206.72	5.42	7.09	Student	-0.55	1.70	3.62	4.53	5.42	6.31	7.22	9.14	11.39
	212.66	3.94	1.66	School	2.54	3.07	3.52	3.73	3.94	4.15	4.36	4.81	5.34
35	209.79	4.81	7.09	Student	-1.16	1.09	3.01	3.92	4.81	5.70	6.60	8.52	10.77
	214.16	3.72	1.66	School	2.32	2.85	3.30	3.51	3.72	3.93	4.14	4.59	5.12
40	212.71	4.22	7.09	Student	-1.74	0.51	2.43	3.33	4.22	5.11	6.02	7.94	10.19
	215.58	3.51	1.66	School	2.11	2.64	3.09	3.30	3.51	3.72	3.93	4.38	4.91
45	215.52	3.66	7.09	Student	-2.31	-0.06	1.86	2.77	3.66	4.55	5.46	7.38	9.63
	216.95	3.31	1.66	School	1.90	2.43	2.88	3.10	3.31	3.51	3.73	4.18	4.71
50	218.30	3.10	7.09	Student	-2.86	-0.61	1.31	2.21	3.10	4.00	4.90	6.82	9.07
	218.30	3.10	1.66	School	1.70	2.23	2.68	2.90	3.10	3.31	3.53	3.98	4.51
55	221.07	2.55	7.09	Student	-3.42	-1.17	0.75	1.66	2.55	3.44	4.35	6.27	8.52
	219.65	2.90	1.66	School	1.50	2.03	2.48	2.70	2.90	3.11	3.33	3.78	4.31
60	223.89	1.99	7.09	Student	-3.98	-1.73	0.19	1.09	1.99	2.88	3.78	5.70	7.95
	221.02	2.70	1.66	School	1.30	1.83	2.28	2.49	2.70	2.91	3.12	3.57	4.10
65	226.80	1.40	7.09	Student	-4.56	-2.32	-0.39	0.51	1.40	2.29	3.20	5.12	7.37
	222.44	2.49	1.66	School	1.09	1.62	2.07	2.28	2.49	2.70	2.91	3.36	3.89
70	229.87	0.79	7.09	Student	-5.18	-2.93	-1.01	-0.10	0.79	1.68	2.58	4.51	6.76
	223.93	2.27	1.66	School	0.87	1.40	1.85	2.06	2.27	2.48	2.69	3.14	3.67
75	233.19	0.13	7.09	Student	-5.84	-3.59	-1.67	-0.77	0.13	1.02	1.92	3.84	6.09
	225.55	2.03	1.66	School	0.63	1.16	1.61	1.82	2.03	2.24	2.45	2.90	3.43
80	236.88	-0.61	7.09	Student	-6.58	-4.33	-2.41	-1.50	-0.61	0.28	1.18	3.11	5.35
	227.34	1.76	1.66	School	0.36	0.89	1.34	1.55	1.76	1.97	2.18	2.64	3.16
85	241.18	-1.47	7.09	Student	-7.44	-5.19	-3.27	-2.36	-1.47	-0.58	0.32	2.25	4.49
	229.43	1.45	1.66	School	0.05	0.58	1.03	1.24	1.45	1.66	1.87	2.32	2.85
90	246.59	-2.56	7.09	Student	-8.52	-6.27	-4.35	-3.45	-2.56	-1.66	-0.76	1.16	3.41
	232.07	1.06	1.66	School	-0.34	0.19	0.64	0.85	1.06	1.27	1.48	1.93	2.46

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.64: Reading Grade 9
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean SD		CGI	20	30	40	45	50	55	60	70	80
10	194.52	3.23	5.93	Student	-1.76	0.12	1.73	2.49	3.23	3.98	4.74	6.34	8.22	
	206.67	1.96	1.13	School	1.00	1.36	1.67	1.81	1.96	2.10	2.24	2.55	2.91	
15	199.18	2.92	5.93	Student	-2.07	-0.19	1.42	2.18	2.92	3.67	4.43	6.03	7.92	
	209.01	1.89	1.13	School	0.94	1.30	1.61	1.75	1.89	2.04	2.18	2.49	2.85	
20	202.89	2.68	5.93	Student	-2.31	-0.43	1.18	1.93	2.68	3.43	4.18	5.79	7.67	
	210.86	1.84	1.13	School	0.89	1.25	1.55	1.70	1.84	1.98	2.13	2.44	2.80	
25	206.07	2.47	5.93	Student	-2.52	-0.64	0.97	1.72	2.47	3.21	3.97	5.58	7.46	
	212.46	1.80	1.13	School	0.84	1.20	1.51	1.66	1.80	1.94	2.08	2.39	2.75	
30	208.92	2.28	5.93	Student	-2.71	-0.83	0.78	1.54	2.28	3.03	3.78	5.39	7.27	
	213.89	1.76	1.13	School	0.80	1.16	1.47	1.62	1.76	1.90	2.05	2.35	2.71	
35	211.57	2.11	5.93	Student	-2.89	-1.00	0.60	1.36	2.11	2.85	3.61	5.22	7.10	
	215.22	1.72	1.13	School	0.77	1.13	1.43	1.58	1.72	1.86	2.01	2.32	2.68	
40	214.08	1.94	5.93	Student	-3.05	-1.17	0.44	1.19	1.94	2.68	3.44	5.05	6.93	
	216.48	1.69	1.13	School	0.73	1.09	1.40	1.54	1.69	1.83	1.97	2.28	2.64	
45	216.51	1.78	5.93	Student	-3.21	-1.33	0.28	1.03	1.78	2.52	3.28	4.89	6.77	
	217.70	1.65	1.13	School	0.70	1.06	1.37	1.51	1.65	1.80	1.94	2.25	2.61	
50	218.90	1.62	5.93	Student	-3.37	-1.49	0.12	0.88	1.62	2.37	3.12	4.73	6.61	
	218.90	1.62	1.13	School	0.67	1.03	1.33	1.48	1.62	1.76	1.91	2.21	2.57	
55	221.29	1.46	5.93	Student	-3.53	-1.65	-0.04	0.72	1.46	2.21	2.97	4.57	6.45	
	220.10	1.59	1.13	School	0.63	0.99	1.30	1.45	1.59	1.73	1.87	2.18	2.54	
60	223.72	1.30	5.93	Student	-3.69	-1.81	-0.20	0.56	1.30	2.05	2.80	4.41	6.29	
	221.32	1.55	1.13	School	0.60	0.96	1.27	1.41	1.55	1.70	1.84	2.15	2.51	
65	226.23	1.14	5.93	Student	-3.86	-1.97	-0.37	0.39	1.14	1.88	2.64	4.25	6.13	
	222.58	1.52	1.13	School	0.57	0.93	1.23	1.38	1.52	1.66	1.81	2.11	2.47	
70	228.87	0.96	5.93	Student	-4.03	-2.15	-0.54	0.22	0.96	1.71	2.46	4.07	5.95	
	223.90	1.48	1.13	School	0.53	0.89	1.20	1.34	1.48	1.63	1.77	2.08	2.44	
75	231.73	0.77	5.93	Student	-4.22	-2.34	-0.73	0.03	0.77	1.52	2.27	3.88	5.76	
	225.34	1.44	1.13	School	0.49	0.85	1.16	1.30	1.44	1.59	1.73	2.04	2.40	
80	234.91	0.56	5.93	Student	-4.43	-2.55	-0.94	-0.18	0.56	1.31	2.06	3.67	5.55	
	226.93	1.40	1.13	School	0.45	0.81	1.11	1.26	1.40	1.54	1.69	1.99	2.35	
85	238.61	0.32	5.93	Student	-4.67	-2.79	-1.19	-0.43	0.32	1.06	1.82	3.43	5.31	
	228.79	1.35	1.13	School	0.40	0.75	1.06	1.21	1.35	1.49	1.64	1.94	2.30	
90	243.28	0.01	5.93	Student	-4.98	-3.10	-1.49	-0.74	0.01	0.75	1.51	3.12	5.00	
	231.13	1.28	1.13	School	0.33	0.69	1.00	1.14	1.28	1.43	1.57	1.88	2.24	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.65: Reading Grade 9
Fall To Spring Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth																		
		Mean	SD		20	30	40	45	50	55	60	70	80										
10	194.52	4.78	8.03	Student	-1.98	0.57	2.74	3.77	4.78	5.79	6.81	8.99	11.54										
	206.67	3.09	1.98	School	1.43	2.06	2.59	2.85	3.09	3.34	3.60	4.13	4.76										
15	199.18	4.34	8.03	Student	-2.42	0.13	2.31	3.33	4.34	5.35	6.38	8.55	11.10										
	209.01	2.98	1.98	School	1.31	1.94	2.48	2.73	2.98	3.23	3.48	4.02	4.65										
20	202.89	4.00	8.03	Student	-2.76	-0.21	1.96	2.99	4.00	5.01	6.03	8.21	10.76										
	210.86	2.89	1.98	School	1.22	1.85	2.39	2.64	2.89	3.14	3.39	3.93	4.56										
25	206.07	3.70	8.03	Student	-3.06	-0.51	1.67	2.69	3.70	4.71	5.74	7.91	10.46										
	212.46	2.82	1.98	School	1.15	1.78	2.31	2.57	2.82	3.06	3.32	3.85	4.48										
30	208.92	3.44	8.03	Student	-3.32	-0.78	1.40	2.43	3.44	4.44	5.47	7.65	10.19										
	213.89	2.75	1.98	School	1.08	1.71	2.24	2.50	2.75	3.00	3.25	3.79	4.41										
35	211.57	3.19	8.03	Student	-3.57	-1.02	1.15	2.18	3.19	4.20	5.22	7.40	9.95										
	215.22	2.68	1.98	School	1.02	1.64	2.18	2.43	2.68	2.93	3.18	3.72	4.35										
40	214.08	2.95	8.03	Student	-3.80	-1.26	0.92	1.95	2.95	3.96	4.99	7.17	9.71										
	216.48	2.62	1.98	School	0.95	1.58	2.12	2.37	2.62	2.87	3.12	3.66	4.29										
45	216.51	2.73	8.03	Student	-4.03	-1.48	0.69	1.72	2.73	3.74	4.76	6.94	9.49										
	217.70	2.56	1.98	School	0.90	1.52	2.06	2.31	2.56	2.81	3.07	3.60	4.23										
50	218.90	2.51	8.03	Student	-4.25	-1.71	0.47	1.50	2.51	3.51	4.54	6.72	9.26										
	218.90	2.51	1.98	School	0.84	1.47	2.00	2.26	2.51	2.75	3.01	3.54	4.17										
55	221.29	2.28	8.03	Student	-4.48	-1.93	0.25	1.27	2.28	3.29	4.32	6.49	9.04										
	220.10	2.45	1.98	School	0.78	1.41	1.95	2.20	2.45	2.70	2.95	3.49	4.12										
60	223.72	2.06	8.03	Student	-4.70	-2.16	0.02	1.05	2.06	3.07	4.09	6.27	8.82										
	221.32	2.39	1.98	School	0.72	1.35	1.89	2.14	2.39	2.64	2.89	3.43	4.06										
65	226.23	1.82	8.03	Student	-4.94	-2.39	-0.21	0.81	1.82	2.83	3.86	6.03	8.58										
	222.58	2.33	1.98	School	0.66	1.29	1.83	2.08	2.33	2.58	2.83	3.37	4.00										
70	228.87	1.58	8.03	Student	-5.18	-2.64	-0.46	0.57	1.58	2.59	3.61	5.79	8.34										
	223.90	2.26	1.98	School	0.60	1.23	1.76	2.02	2.26	2.51	2.77	3.30	3.93										
75	231.73	1.31	8.03	Student	-5.45	-2.90	-0.72	0.30	1.31	2.32	3.34	5.52	8.07										
	225.34	2.20	1.98	School	0.53	1.16	1.69	1.95	2.20	2.44	2.70	3.23	3.86										
80	234.91	1.01	8.03	Student	-5.75	-3.20	-1.02	0.00	1.01	2.02	3.05	5.23	7.77										
	226.93	2.12	1.98	School	0.45	1.08	1.62	1.87	2.12	2.37	2.62	3.16	3.79										
85	238.61	0.67	8.03	Student	-6.09	-3.54	-1.37	-0.34	0.67	1.68	2.70	4.88	7.43										
	228.79	2.03	1.98	School	0.36	0.99	1.53	1.78	2.03	2.28	2.53	3.07	3.70										
90	243.28	0.23	8.03	Student	-6.53	-3.98	-1.80	-0.78	0.23	1.24	2.27	4.45	6.99										
	231.13	1.92	1.98	School	0.25	0.88	1.41	1.67	1.92	2.17	2.42	2.96	3.58										

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.66: Reading Grade 9
Fall To N Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	194.52	5.03	7.33	Student	-1.14	1.18	3.17	4.11	5.03	5.95	6.88	8.87	11.19	
	206.67	3.54	1.49	School	2.29	2.76	3.16	3.35	3.54	3.73	3.92	4.32	4.79	
15	199.18	4.50	7.33	Student	-1.66	0.66	2.65	3.58	4.50	5.42	6.36	8.34	10.67	
	209.01	3.30	1.49	School	2.05	2.52	2.92	3.11	3.30	3.49	3.68	4.08	4.55	
20	202.89	4.09	7.33	Student	-2.08	0.24	2.23	3.16	4.09	5.01	5.94	7.93	10.25	
	210.86	3.11	1.49	School	1.86	2.33	2.73	2.92	3.11	3.30	3.49	3.89	4.36	
25	206.07	3.73	7.33	Student	-2.44	-0.11	1.87	2.81	3.73	4.65	5.58	7.57	9.89	
	212.46	2.95	1.49	School	1.69	2.17	2.57	2.76	2.95	3.13	3.32	3.72	4.20	
30	208.92	3.41	7.33	Student	-2.76	-0.44	1.55	2.49	3.41	4.33	5.26	7.25	9.57	
	213.89	2.80	1.49	School	1.55	2.02	2.42	2.61	2.80	2.99	3.17	3.58	4.05	
35	211.57	3.11	7.33	Student	-3.06	-0.73	1.25	2.19	3.11	4.03	4.97	6.95	9.28	
	215.22	2.66	1.49	School	1.41	1.88	2.29	2.48	2.66	2.85	3.04	3.44	3.91	
40	214.08	2.83	7.33	Student	-3.34	-1.02	0.97	1.91	2.83	3.75	4.68	6.67	8.99	
	216.48	2.53	1.49	School	1.28	1.75	2.16	2.35	2.53	2.72	2.91	3.31	3.78	
45	216.51	2.55	7.33	Student	-3.61	-1.29	0.70	1.63	2.55	3.47	4.41	6.40	8.72	
	217.70	2.41	1.49	School	1.16	1.63	2.03	2.22	2.41	2.59	2.78	3.19	3.66	
50	218.90	2.29	7.33	Student	-3.88	-1.56	0.43	1.36	2.29	3.21	4.14	6.13	8.45	
	218.90	2.29	1.49	School	1.03	1.51	1.91	2.10	2.29	2.47	2.66	3.06	3.54	
55	221.29	2.02	7.33	Student	-4.15	-1.83	0.16	1.10	2.02	2.94	3.87	5.86	8.18	
	220.10	2.16	1.49	School	0.91	1.38	1.79	1.98	2.16	2.35	2.54	2.94	3.41	
60	223.72	1.74	7.33	Student	-4.42	-2.10	-0.11	0.82	1.74	2.66	3.60	5.59	7.91	
	221.32	2.04	1.49	School	0.79	1.26	1.66	1.85	2.04	2.22	2.41	2.82	3.29	
65	226.23	1.46	7.33	Student	-4.71	-2.38	-0.40	0.54	1.46	2.38	3.32	5.30	7.63	
	222.58	1.91	1.49	School	0.66	1.13	1.53	1.72	1.91	2.09	2.28	2.69	3.16	
70	228.87	1.16	7.33	Student	-5.00	-2.68	-0.69	0.24	1.16	2.08	3.02	5.01	7.33	
	223.90	1.77	1.49	School	0.52	0.99	1.40	1.58	1.77	1.96	2.15	2.55	3.02	
75	231.73	0.84	7.33	Student	-5.32	-3.00	-1.01	-0.08	0.84	1.76	2.70	4.68	7.01	
	225.34	1.62	1.49	School	0.37	0.85	1.25	1.44	1.62	1.81	2.00	2.40	2.88	
80	234.91	0.48	7.33	Student	-5.68	-3.36	-1.37	-0.44	0.48	1.41	2.34	4.33	6.65	
	226.93	1.46	1.49	School	0.21	0.68	1.08	1.27	1.46	1.65	1.84	2.24	2.71	
85	238.61	0.07	7.33	Student	-6.10	-3.77	-1.79	-0.85	0.07	0.99	1.92	3.91	6.23	
	228.79	1.27	1.49	School	0.02	0.49	0.89	1.08	1.27	1.46	1.65	2.05	2.52	
90	243.28	-0.46	7.33	Student	-6.62	-4.30	-2.31	-1.38	-0.46	0.46	1.40	3.39	5.71	
	231.13	1.03	1.49	School	-0.22	0.25	0.65	0.84	1.03	1.22	1.41	1.81	2.28	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.67: Reading Grade 9
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	196.52	1.53	5.47	Student	-3.07	-1.34	0.14	0.84	1.53	2.22	2.92	4.40	6.14	
	208.53	1.00	0.87	School	0.27	0.55	0.78	0.89	1.00	1.11	1.22	1.46	1.73	
15	201.11	1.41	5.47	Student	-3.20	-1.46	0.02	0.72	1.41	2.10	2.79	4.28	6.01	
	210.83	0.98	0.87	School	0.25	0.53	0.76	0.87	0.98	1.09	1.20	1.44	1.71	
20	204.76	1.31	5.47	Student	-3.30	-1.56	-0.08	0.62	1.31	2.00	2.70	4.18	5.92	
	212.65	0.96	0.87	School	0.23	0.51	0.74	0.85	0.96	1.07	1.18	1.42	1.69	
25	207.89	1.23	5.47	Student	-3.38	-1.64	-0.16	0.54	1.23	1.91	2.61	4.09	5.83	
	214.21	0.95	0.87	School	0.22	0.49	0.73	0.84	0.95	1.06	1.17	1.40	1.68	
30	210.70	1.15	5.47	Student	-3.46	-1.72	-0.24	0.46	1.15	1.84	2.54	4.02	5.76	
	215.61	0.93	0.87	School	0.20	0.48	0.71	0.82	0.93	1.04	1.15	1.39	1.66	
35	213.30	1.08	5.47	Student	-3.53	-1.79	-0.31	0.39	1.08	1.77	2.47	3.95	5.69	
	216.92	0.92	0.87	School	0.19	0.47	0.70	0.81	0.92	1.03	1.14	1.38	1.65	
40	215.77	1.01	5.47	Student	-3.59	-1.86	-0.37	0.32	1.01	1.70	2.40	3.88	5.62	
	218.15	0.91	0.87	School	0.18	0.45	0.69	0.80	0.91	1.02	1.13	1.36	1.64	
45	218.16	0.95	5.47	Student	-3.66	-1.92	-0.44	0.26	0.95	1.64	2.33	3.82	5.55	
	219.34	0.90	0.87	School	0.17	0.44	0.68	0.79	0.90	1.01	1.12	1.35	1.63	
50	220.52	0.88	5.47	Student	-3.72	-1.99	-0.50	0.20	0.88	1.57	2.27	3.75	5.49	
	220.52	0.88	0.87	School	0.15	0.43	0.66	0.78	0.88	0.99	1.10	1.34	1.62	
55	222.87	0.82	5.47	Student	-3.78	-2.05	-0.57	0.13	0.82	1.51	2.21	3.69	5.43	
	221.69	0.87	0.87	School	0.14	0.42	0.65	0.76	0.87	0.98	1.09	1.33	1.60	
60	225.26	0.76	5.47	Student	-3.85	-2.11	-0.63	0.07	0.76	1.44	2.14	3.63	5.36	
	222.89	0.86	0.87	School	0.13	0.41	0.64	0.75	0.86	0.97	1.08	1.32	1.59	
65	227.74	0.69	5.47	Student	-3.92	-2.18	-0.70	0.00	0.69	1.38	2.08	3.56	5.30	
	224.12	0.85	0.87	School	0.12	0.39	0.63	0.74	0.85	0.96	1.07	1.30	1.58	
70	230.34	0.62	5.47	Student	-3.99	-2.25	-0.77	-0.07	0.62	1.31	2.01	3.49	5.23	
	225.42	0.84	0.87	School	0.11	0.38	0.62	0.73	0.84	0.95	1.06	1.29	1.57	
75	233.15	0.54	5.47	Student	-4.06	-2.33	-0.84	-0.14	0.54	1.23	1.93	3.41	5.15	
	226.83	0.82	0.87	School	0.09	0.37	0.60	0.71	0.82	0.93	1.04	1.28	1.55	
80	236.28	0.46	5.47	Student	-4.15	-2.41	-0.93	-0.23	0.46	1.15	1.85	3.33	5.07	
	228.39	0.81	0.87	School	0.08	0.35	0.59	0.70	0.81	0.92	1.03	1.26	1.54	
85	239.93	0.36	5.47	Student	-4.24	-2.51	-1.02	-0.33	0.36	1.05	1.75	3.23	4.97	
	230.21	0.79	0.87	School	0.06	0.33	0.57	0.68	0.79	0.90	1.01	1.24	1.52	
90	244.52	0.24	5.47	Student	-4.37	-2.63	-1.15	-0.45	0.24	0.93	1.62	3.11	4.84	
	232.50	0.77	0.87	School	0.04	0.31	0.55	0.66	0.77	0.87	0.99	1.22	1.50	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.68: Reading Grade 10
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth		Conditional Growth										
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	196.90	4.76	6.52	Student	-0.72	1.34	3.11	3.94	4.76	5.58	6.41	8.18	10.24
	208.89	3.45	1.44	School	2.24	2.70	3.09	3.27	3.45	3.63	3.82	4.21	4.67
15	201.35	4.38	6.52	Student	-1.10	0.96	2.73	3.56	4.38	5.20	6.03	7.80	9.86
	211.04	3.32	1.44	School	2.11	2.57	2.96	3.14	3.32	3.50	3.69	4.08	4.54
20	204.88	4.08	6.52	Student	-1.41	0.66	2.43	3.26	4.08	4.90	5.73	7.49	9.56
	212.75	3.22	1.44	School	2.01	2.46	2.85	3.04	3.22	3.40	3.59	3.98	4.43
25	207.91	3.82	6.52	Student	-1.67	0.40	2.17	3.00	3.82	4.64	5.47	7.24	9.30
	214.22	3.13	1.44	School	1.92	2.38	2.77	2.95	3.13	3.31	3.50	3.89	4.34
30	210.63	3.59	6.52	Student	-1.90	0.17	1.94	2.77	3.59	4.40	5.24	7.00	9.07
	215.53	3.05	1.44	School	1.84	2.30	2.69	2.87	3.05	3.23	3.42	3.81	4.27
35	213.15	3.37	6.52	Student	-2.11	-0.05	1.72	2.55	3.37	4.19	5.02	6.79	8.85
	216.75	2.98	1.44	School	1.76	2.22	2.61	2.80	2.98	3.16	3.34	3.73	4.19
40	215.54	3.17	6.52	Student	-2.32	-0.25	1.52	2.35	3.17	3.98	4.82	6.58	8.65
	217.91	2.91	1.44	School	1.69	2.15	2.54	2.73	2.91	3.09	3.27	3.66	4.12
45	217.86	2.97	6.52	Student	-2.52	-0.45	1.32	2.15	2.97	3.79	4.62	6.39	8.45
	219.03	2.84	1.44	School	1.63	2.08	2.47	2.66	2.84	3.02	3.21	3.60	4.05
50	220.14	2.77	6.52	Student	-2.71	-0.64	1.12	1.95	2.77	3.59	4.42	6.19	8.26
	220.14	2.77	1.44	School	1.56	2.02	2.41	2.59	2.77	2.95	3.14	3.53	3.99
55	222.41	2.58	6.52	Student	-2.91	-0.84	0.93	1.76	2.58	3.40	4.23	6.00	8.06
	221.24	2.71	1.44	School	1.49	1.95	2.34	2.53	2.71	2.89	3.07	3.46	3.92
60	224.73	2.38	6.52	Student	-3.10	-1.04	0.73	1.56	2.38	3.20	4.03	5.80	7.86
	222.36	2.64	1.44	School	1.43	1.88	2.27	2.46	2.64	2.82	3.00	3.40	3.85
65	227.12	2.18	6.52	Student	-3.31	-1.24	0.53	1.36	2.18	3.00	3.83	5.59	7.66
	223.52	2.57	1.44	School	1.36	1.81	2.20	2.39	2.57	2.75	2.93	3.33	3.78
70	229.64	1.96	6.52	Student	-3.52	-1.46	0.31	1.14	1.96	2.78	3.61	5.38	7.44
	224.74	2.50	1.44	School	1.28	1.74	2.13	2.31	2.50	2.68	2.86	3.25	3.71
75	232.36	1.73	6.52	Student	-3.76	-1.69	0.08	0.91	1.73	2.55	3.38	5.15	7.21
	226.05	2.42	1.44	School	1.20	1.66	2.05	2.23	2.42	2.60	2.78	3.17	3.63
80	235.39	1.47	6.52	Student	-4.01	-1.95	-0.18	0.65	1.47	2.29	3.12	4.89	6.95
	227.52	2.33	1.44	School	1.11	1.57	1.96	2.15	2.33	2.51	2.69	3.08	3.54
85	238.92	1.17	6.52	Student	-4.32	-2.25	-0.48	0.35	1.17	1.99	2.82	4.58	6.65
	229.23	2.22	1.44	School	1.01	1.47	1.86	2.04	2.22	2.40	2.59	2.98	3.44
90	243.37	0.79	6.52	Student	-4.70	-2.63	-0.86	-0.03	0.79	1.61	2.44	4.20	6.27
	231.38	2.09	1.44	School	0.88	1.34	1.73	1.91	2.09	2.27	2.46	2.85	3.31

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.69: Reading Grade 10
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean		SD	CGI	20	30	40	45	50	55	60	70
10	196.52	4.68	8.43	Student	-2.41	0.27	2.55	3.63	4.68	5.74	6.82	9.10	11.78	
	209.40	1.58	2.31	School	-0.37	0.36	0.99	1.29	1.58	1.87	2.16	2.79	3.52	
15	201.16	3.92	8.43	Student	-3.18	-0.50	1.78	2.86	3.92	4.98	6.05	8.34	11.01	
	211.58	1.40	2.31	School	-0.54	0.19	0.82	1.11	1.40	1.69	1.99	2.61	3.35	
20	204.85	3.31	8.43	Student	-3.78	-1.11	1.17	2.25	3.31	4.37	5.44	7.73	10.40	
	213.31	1.27	2.31	School	-0.68	0.06	0.68	0.98	1.27	1.56	1.85	2.48	3.21	
25	208.02	2.79	8.43	Student	-4.31	-1.63	0.65	1.73	2.79	3.84	4.92	7.21	9.88	
	214.80	1.15	2.31	School	-0.79	-0.06	0.56	0.86	1.15	1.44	1.73	2.36	3.09	
30	210.86	2.32	8.43	Student	-4.78	-2.10	0.18	1.26	2.32	3.38	4.45	6.74	9.41	
	216.14	1.04	2.31	School	-0.90	-0.17	0.46	0.75	1.04	1.33	1.63	2.25	2.99	
35	213.50	1.88	8.43	Student	-5.21	-2.54	-0.25	0.82	1.88	2.94	4.02	6.30	8.97	
	217.37	0.95	2.31	School	-1.00	-0.26	0.36	0.66	0.95	1.24	1.53	2.16	2.89	
40	216.00	1.47	8.43	Student	-5.62	-2.95	-0.67	0.41	1.47	2.53	3.60	5.89	8.56	
	218.55	0.85	2.31	School	-1.09	-0.36	0.27	0.56	0.85	1.14	1.44	2.06	2.80	
45	218.42	1.07	8.43	Student	-6.02	-3.35	-1.07	0.01	1.07	2.13	3.20	5.49	8.16	
	219.68	0.76	2.31	School	-1.18	-0.45	0.18	0.47	0.76	1.05	1.35	1.97	2.71	
50	220.80	0.68	8.43	Student	-6.42	-3.74	-1.46	-0.38	0.68	1.74	2.81	5.10	7.77	
	220.80	0.68	2.31	School	-1.27	-0.53	0.09	0.39	0.68	0.97	1.26	1.89	2.62	
55	223.18	0.28	8.43	Student	-6.81	-4.14	-1.85	-0.78	0.28	1.34	2.42	4.70	7.38	
	221.92	0.59	2.31	School	-1.36	-0.62	0.00	0.30	0.59	0.88	1.17	1.80	2.53	
60	225.60	-0.12	8.43	Student	-7.21	-4.54	-2.25	-1.18	-0.12	0.94	2.02	4.30	6.98	
	223.05	0.50	2.31	School	-1.44	-0.71	-0.09	0.21	0.50	0.79	1.08	1.71	2.44	
65	228.10	-0.53	8.43	Student	-7.62	-4.95	-2.66	-1.59	-0.53	0.53	1.61	3.89	6.56	
	224.23	0.41	2.31	School	-1.54	-0.81	-0.18	0.12	0.41	0.70	0.99	1.62	2.35	
70	230.73	-0.96	8.43	Student	-8.06	-5.38	-3.10	-2.02	-0.96	0.09	1.17	3.46	6.13	
	225.46	0.31	2.31	School	-1.64	-0.90	-0.28	0.02	0.31	0.60	0.89	1.52	2.25	
75	233.58	-1.43	8.43	Student	-8.53	-5.85	-3.57	-2.49	-1.43	-0.37	0.70	2.99	5.66	
	226.80	0.20	2.31	School	-1.74	-1.01	-0.38	-0.09	0.20	0.49	0.79	1.41	2.15	
80	236.74	-1.96	8.43	Student	-9.05	-6.38	-4.09	-3.02	-1.96	-0.90	0.18	2.46	5.14	
	228.28	0.09	2.31	School	-1.86	-1.13	-0.50	-0.20	0.09	0.38	0.67	1.30	2.03	
85	240.43	-2.57	8.43	Student	-9.66	-6.99	-4.70	-3.63	-2.57	-1.51	-0.43	1.85	4.53	
	230.02	-0.05	2.31	School	-1.99	-1.26	-0.64	-0.34	-0.05	0.24	0.53	1.16	1.89	
90	245.08	-3.33	8.43	Student	-10.4	-7.75	-5.47	-4.39	-3.33	-2.27	-1.20	1.09	3.76	
	232.19	-0.22	2.31	School	-2.17	-1.43	-0.81	-0.51	-0.22	0.07	0.36	0.99	1.72	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.70: Reading Grade 10
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	196.52	5.88	7.72	Student	-0.62	1.83	3.92	4.90	5.88	6.85	7.83	9.92	12.37	
	209.40	3.71	1.89	School	2.12	2.72	3.23	3.47	3.71	3.95	4.19	4.70	5.30	
15	201.16	5.27	7.72	Student	-1.23	1.22	3.31	4.30	5.27	6.24	7.23	9.32	11.77	
	211.58	3.52	1.89	School	1.93	2.53	3.04	3.28	3.52	3.76	4.00	4.51	5.11	
20	204.85	4.79	7.72	Student	-1.71	0.74	2.83	3.82	4.79	5.76	6.75	8.84	11.29	
	213.31	3.37	1.89	School	1.78	2.38	2.89	3.13	3.37	3.60	3.85	4.36	4.96	
25	208.02	4.38	7.72	Student	-2.12	0.33	2.42	3.41	4.38	5.35	6.33	8.43	10.88	
	214.80	3.24	1.89	School	1.65	2.25	2.76	3.00	3.24	3.47	3.72	4.23	4.83	
30	210.86	4.01	7.72	Student	-2.49	-0.04	2.05	3.04	4.01	4.98	5.96	8.06	10.51	
	216.14	3.12	1.89	School	1.53	2.13	2.64	2.88	3.12	3.36	3.60	4.11	4.71	
35	213.50	3.66	7.72	Student	-2.83	-0.38	1.71	2.69	3.66	4.63	5.62	7.71	10.16	
	217.37	3.01	1.89	School	1.42	2.02	2.53	2.78	3.01	3.25	3.49	4.00	4.60	
40	216.00	3.34	7.72	Student	-3.16	-0.71	1.38	2.37	3.34	4.31	5.29	7.39	9.84	
	218.55	2.91	1.89	School	1.32	1.92	2.43	2.67	2.91	3.15	3.39	3.90	4.50	
45	218.42	3.02	7.72	Student	-3.47	-1.03	1.07	2.05	3.02	3.99	4.98	7.07	9.52	
	219.68	2.81	1.89	School	1.22	1.82	2.33	2.57	2.81	3.05	3.29	3.80	4.40	
50	220.80	2.71	7.72	Student	-3.78	-1.34	0.76	1.74	2.71	3.68	4.67	6.76	9.21	
	220.80	2.71	1.89	School	1.13	1.72	2.24	2.48	2.71	2.95	3.19	3.70	4.30	
55	223.18	2.40	7.72	Student	-4.09	-1.65	0.45	1.43	2.40	3.37	4.36	6.45	8.90	
	221.92	2.62	1.89	School	1.03	1.63	2.14	2.38	2.62	2.85	3.09	3.61	4.20	
60	225.60	2.09	7.72	Student	-4.41	-1.96	0.13	1.12	2.09	3.06	4.04	6.14	8.59	
	223.05	2.52	1.89	School	0.93	1.53	2.04	2.28	2.52	2.75	2.99	3.51	4.10	
65	228.10	1.76	7.72	Student	-4.74	-2.29	-0.19	0.79	1.76	2.73	3.72	5.81	8.26	
	224.23	2.41	1.89	School	0.83	1.42	1.94	2.18	2.41	2.65	2.89	3.40	4.00	
70	230.73	1.42	7.72	Student	-5.08	-2.63	-0.54	0.45	1.42	2.39	3.38	5.47	7.92	
	225.46	2.31	1.89	School	0.72	1.32	1.83	2.07	2.31	2.54	2.78	3.30	3.89	
75	233.58	1.05	7.72	Student	-5.45	-3.00	-0.91	0.08	1.05	2.02	3.01	5.10	7.55	
	226.80	2.19	1.89	School	0.60	1.20	1.71	1.95	2.19	2.43	2.67	3.18	3.78	
80	236.74	0.64	7.72	Student	-5.86	-3.41	-1.32	-0.33	0.64	1.61	2.59	4.69	7.13	
	228.28	2.06	1.89	School	0.47	1.07	1.58	1.82	2.06	2.30	2.54	3.05	3.65	
85	240.43	0.16	7.72	Student	-6.34	-3.89	-1.80	-0.81	0.16	1.13	2.11	4.21	6.65	
	230.02	1.91	1.89	School	0.32	0.92	1.43	1.67	1.91	2.15	2.39	2.90	3.50	
90	245.08	-0.45	7.72	Student	-6.95	-4.50	-2.40	-1.42	-0.45	0.52	1.51	3.60	6.05	
	232.19	1.72	1.89	School	0.13	0.73	1.24	1.48	1.72	1.96	2.20	2.71	3.31	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.71: Reading Grade 10
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	198.51	2.81	5.78	Student	-2.06	-0.22	1.34	2.08	2.81	3.53	4.27	5.84	7.67	
	210.57	1.68	0.94	School	0.89	1.19	1.45	1.57	1.68	1.80	1.92	2.18	2.48	
15	202.90	2.55	5.78	Student	-2.32	-0.48	1.08	1.82	2.55	3.27	4.01	5.58	7.41	
	212.65	1.64	0.94	School	0.84	1.14	1.40	1.52	1.64	1.76	1.88	2.13	2.43	
20	206.39	2.34	5.78	Student	-2.53	-0.69	0.87	1.61	2.34	3.06	3.80	5.37	7.20	
	214.31	1.60	0.94	School	0.80	1.10	1.36	1.48	1.60	1.72	1.84	2.09	2.39	
25	209.39	2.16	5.78	Student	-2.71	-0.87	0.69	1.43	2.16	2.88	3.62	5.19	7.02	
	215.73	1.57	0.94	School	0.77	1.07	1.33	1.45	1.57	1.68	1.80	2.06	2.36	
30	212.08	2.00	5.78	Student	-2.87	-1.03	0.53	1.27	2.00	2.72	3.46	5.03	6.86	
	217.01	1.54	0.94	School	0.74	1.04	1.30	1.42	1.54	1.66	1.78	2.03	2.33	
35	214.57	1.85	5.78	Student	-3.02	-1.18	0.38	1.12	1.85	2.57	3.31	4.88	6.71	
	218.20	1.51	0.94	School	0.72	1.01	1.27	1.39	1.51	1.63	1.75	2.00	2.30	
40	216.93	1.71	5.78	Student	-3.16	-1.32	0.24	0.98	1.71	2.43	3.17	4.74	6.57	
	219.32	1.48	0.94	School	0.69	0.99	1.24	1.36	1.48	1.60	1.72	1.98	2.28	
45	219.22	1.57	5.78	Student	-3.29	-1.46	0.10	0.84	1.57	2.29	3.03	4.60	6.43	
	220.41	1.46	0.94	School	0.66	0.96	1.22	1.34	1.46	1.58	1.70	1.95	2.25	
50	221.47	1.43	5.78	Student	-3.43	-1.60	-0.03	0.71	1.43	2.16	2.90	4.46	6.30	
	221.47	1.43	0.94	School	0.64	0.94	1.19	1.32	1.43	1.55	1.67	1.93	2.23	
55	223.73	1.30	5.78	Student	-3.56	-1.73	-0.16	0.57	1.30	2.03	2.76	4.33	6.16	
	222.54	1.41	0.94	School	0.62	0.91	1.17	1.29	1.41	1.53	1.65	1.90	2.20	
60	226.02	1.16	5.78	Student	-3.70	-1.87	-0.30	0.44	1.16	1.89	2.63	4.19	6.03	
	223.63	1.38	0.94	School	0.59	0.89	1.15	1.27	1.38	1.50	1.62	1.88	2.18	
65	228.38	1.02	5.78	Student	-3.84	-2.01	-0.44	0.29	1.02	1.75	2.48	4.05	5.88	
	224.75	1.36	0.94	School	0.56	0.86	1.12	1.24	1.36	1.48	1.60	1.85	2.15	
70	230.87	0.87	5.78	Student	-3.99	-2.16	-0.59	0.15	0.87	1.60	2.34	3.90	5.73	
	225.94	1.33	0.94	School	0.54	0.84	1.09	1.21	1.33	1.45	1.57	1.83	2.13	
75	233.56	0.71	5.78	Student	-4.15	-2.32	-0.75	-0.02	0.71	1.44	2.17	3.74	5.57	
	227.21	1.30	0.94	School	0.51	0.81	1.06	1.18	1.30	1.42	1.54	1.80	2.10	
80	236.56	0.53	5.78	Student	-4.33	-2.50	-0.93	-0.19	0.53	1.26	2.00	3.56	5.39	
	228.64	1.27	0.94	School	0.48	0.77	1.03	1.15	1.27	1.39	1.51	1.76	2.06	
85	240.05	0.32	5.78	Student	-4.54	-2.71	-1.14	-0.40	0.32	1.05	1.79	3.35	5.19	
	230.29	1.23	0.94	School	0.44	0.74	0.99	1.11	1.23	1.35	1.47	1.73	2.03	
90	244.44	0.06	5.78	Student	-4.80	-2.97	-1.40	-0.67	0.06	0.79	1.52	3.09	4.92	
	232.38	1.18	0.94	School	0.39	0.69	0.94	1.06	1.18	1.30	1.42	1.68	1.98	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.72: Reading Grade 10
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	198.51	3.86	7.67	Student	-2.60	-0.16	1.91	2.89	3.86	4.82	5.80	7.88	10.31
	210.57	2.48	1.65	School	1.09	1.61	2.06	2.27	2.48	2.68	2.89	3.34	3.86
15	202.90	3.51	7.67	Student	-2.95	-0.51	1.57	2.55	3.51	4.47	5.45	7.53	9.97
	212.65	2.39	1.65	School	1.00	1.53	1.97	2.18	2.39	2.60	2.81	3.26	3.78
20	206.39	3.23	7.67	Student	-3.22	-0.79	1.29	2.27	3.23	4.20	5.18	7.26	9.69
	214.31	2.33	1.65	School	0.94	1.46	1.91	2.12	2.33	2.53	2.74	3.19	3.71
25	209.39	3.00	7.67	Student	-3.46	-1.03	1.05	2.03	3.00	3.96	4.94	7.02	9.45
	215.73	2.27	1.65	School	0.88	1.40	1.85	2.06	2.27	2.48	2.69	3.13	3.66
30	212.08	2.78	7.67	Student	-3.67	-1.24	0.84	1.82	2.78	3.75	4.73	6.80	9.24
	217.01	2.22	1.65	School	0.83	1.35	1.80	2.01	2.22	2.42	2.63	3.08	3.60
35	214.57	2.58	7.67	Student	-3.87	-1.44	0.64	1.62	2.58	3.55	4.53	6.61	9.04
	218.20	2.17	1.65	School	0.78	1.30	1.75	1.96	2.17	2.38	2.59	3.03	3.56
40	216.93	2.40	7.67	Student	-4.06	-1.62	0.45	1.43	2.40	3.36	4.34	6.42	8.85
	219.32	2.12	1.65	School	0.74	1.26	1.71	1.92	2.12	2.33	2.54	2.99	3.51
45	219.22	2.22	7.67	Student	-4.24	-1.81	0.27	1.25	2.22	3.18	4.16	6.24	8.67
	220.41	2.08	1.65	School	0.69	1.22	1.66	1.87	2.08	2.29	2.50	2.95	3.47
50	221.47	2.04	7.67	Student	-4.42	-1.98	0.09	1.07	2.04	3.00	3.98	6.06	8.49
	221.47	2.04	1.65	School	0.65	1.17	1.62	1.83	2.04	2.24	2.46	2.90	3.43
55	223.73	1.86	7.67	Student	-4.60	-2.16	-0.08	0.89	1.86	2.82	3.80	5.88	8.31
	222.54	1.99	1.65	School	0.61	1.13	1.58	1.79	1.99	2.20	2.41	2.86	3.38
60	226.02	1.68	7.67	Student	-4.78	-2.34	-0.27	0.71	1.68	2.64	3.62	5.70	8.13
	223.63	1.95	1.65	School	0.56	1.09	1.53	1.74	1.95	2.16	2.37	2.82	3.34
65	228.38	1.49	7.67	Student	-4.97	-2.53	-0.45	0.53	1.49	2.45	3.43	5.51	7.95
	224.75	1.91	1.65	School	0.52	1.04	1.49	1.70	1.91	2.11	2.32	2.77	3.29
70	230.87	1.29	7.67	Student	-5.16	-2.73	-0.65	0.33	1.29	2.26	3.24	5.31	7.75
	225.94	1.86	1.65	School	0.47	0.99	1.44	1.65	1.86	2.07	2.28	2.72	3.25
75	233.56	1.08	7.67	Student	-5.38	-2.94	-0.86	0.12	1.08	2.04	3.02	5.10	7.53
	227.21	1.81	1.65	School	0.42	0.94	1.39	1.60	1.81	2.01	2.22	2.67	3.19
80	236.56	0.84	7.67	Student	-5.61	-3.18	-1.10	-0.12	0.84	1.81	2.78	4.86	7.30
	228.64	1.75	1.65	School	0.36	0.88	1.33	1.54	1.75	1.96	2.17	2.61	3.14
85	240.05	0.56	7.67	Student	-5.89	-3.46	-1.38	-0.40	0.56	1.53	2.51	4.59	7.02
	230.29	1.68	1.65	School	0.29	0.82	1.26	1.48	1.68	1.89	2.10	2.55	3.07
90	244.44	0.22	7.67	Student	-6.24	-3.81	-1.73	-0.75	0.22	1.18	2.16	4.24	6.67
	232.38	1.60	1.65	School	0.21	0.73	1.18	1.39	1.60	1.81	2.02	2.46	2.99

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.73: Reading Grade 10
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	198.51	1.34 7.18	Student	-4.70	-2.42	-0.48	0.44	1.34	2.24	3.16	5.11	7.38	
	210.57	1.58 1.53	School	0.29	0.78	1.19	1.39	1.58	1.77	1.96	2.38	2.86	
15	202.90	1.34 7.18	Student	-4.70	-2.43	-0.48	0.44	1.34	2.24	3.16	5.10	7.38	
	212.65	1.53 1.53	School	0.25	0.73	1.14	1.34	1.53	1.72	1.92	2.33	2.81	
20	206.39	1.34 7.18	Student	-4.71	-2.43	-0.48	0.43	1.34	2.24	3.16	5.10	7.38	
	214.31	1.49 1.53	School	0.21	0.69	1.11	1.30	1.49	1.68	1.88	2.29	2.78	
25	209.39	1.34 7.18	Student	-4.71	-2.43	-0.48	0.43	1.34	2.24	3.15	5.10	7.38	
	215.73	1.46 1.53	School	0.18	0.66	1.07	1.27	1.46	1.65	1.85	2.26	2.74	
30	212.08	1.33 7.18	Student	-4.71	-2.43	-0.49	0.43	1.33	2.24	3.15	5.10	7.38	
	217.01	1.43 1.53	School	0.15	0.63	1.04	1.24	1.43	1.62	1.82	2.23	2.72	
35	214.57	1.33 7.18	Student	-4.71	-2.43	-0.49	0.43	1.33	2.23	3.15	5.10	7.38	
	218.20	1.40 1.53	School	0.12	0.60	1.02	1.21	1.40	1.60	1.79	2.20	2.69	
40	216.93	1.33 7.18	Student	-4.71	-2.43	-0.49	0.43	1.33	2.23	3.15	5.10	7.37	
	219.32	1.38 1.53	School	0.09	0.58	0.99	1.19	1.38	1.57	1.77	2.18	2.66	
45	219.22	1.33 7.18	Student	-4.71	-2.43	-0.49	0.43	1.33	2.23	3.15	5.10	7.37	
	220.41	1.35 1.53	School	0.07	0.55	0.97	1.16	1.35	1.55	1.74	2.15	2.64	
50	221.47	1.33 7.18	Student	-4.71	-2.44	-0.49	0.43	1.33	2.23	3.15	5.09	7.37	
	221.47	1.33 1.53	School	0.05	0.53	0.94	1.14	1.33	1.52	1.72	2.13	2.61	
55	223.73	1.33 7.18	Student	-4.71	-2.44	-0.49	0.43	1.33	2.23	3.15	5.09	7.37	
	222.54	1.30 1.53	School	0.02	0.51	0.92	1.11	1.30	1.50	1.69	2.10	2.59	
60	226.02	1.33 7.18	Student	-4.72	-2.44	-0.49	0.42	1.33	2.23	3.15	5.09	7.37	
	223.63	1.28 1.53	School	-0.00	0.48	0.89	1.09	1.28	1.47	1.67	2.08	2.56	
65	228.38	1.33 7.18	Student	-4.72	-2.44	-0.49	0.42	1.33	2.23	3.14	5.09	7.37	
	224.75	1.25 1.53	School	-0.03	0.45	0.87	1.06	1.25	1.45	1.64	2.05	2.54	
70	230.87	1.32 7.18	Student	-4.72	-2.44	-0.49	0.42	1.32	2.23	3.14	5.09	7.37	
	225.94	1.23 1.53	School	-0.06	0.43	0.84	1.04	1.23	1.42	1.61	2.03	2.51	
75	233.56	1.32 7.18	Student	-4.72	-2.44	-0.50	0.42	1.32	2.23	3.14	5.09	7.37	
	227.21	1.20 1.53	School	-0.09	0.40	0.81	1.01	1.20	1.39	1.58	2.00	2.48	
80	236.56	1.32 7.18	Student	-4.72	-2.44	-0.50	0.42	1.32	2.22	3.14	5.09	7.36	
	228.64	1.17 1.53	School	-0.12	0.37	0.78	0.97	1.17	1.36	1.55	1.97	2.45	
85	240.05	1.32 7.18	Student	-4.72	-2.44	-0.50	0.42	1.32	2.22	3.14	5.09	7.36	
	230.29	1.13 1.53	School	-0.16	0.33	0.74	0.94	1.13	1.32	1.51	1.93	2.41	
90	244.44	1.32 7.18	Student	-4.72	-2.45	-0.50	0.42	1.32	2.22	3.14	5.08	7.36	
	232.38	1.08 1.53	School	-0.20	0.28	0.69	0.89	1.08	1.27	1.47	1.88	2.36	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.74: Reading Grade 10
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	200.08	1.15	5.36	Student	-3.37	-1.67	-0.21	0.47	1.15	1.82	2.51	3.96	5.66
	212.18	0.69	0.72	School	0.08	0.31	0.51	0.60	0.69	0.78	0.87	1.07	1.30
15	204.45	1.04	5.36	Student	-3.47	-1.77	-0.32	0.37	1.04	1.72	2.40	3.86	5.56
	214.24	0.67	0.72	School	0.07	0.29	0.49	0.58	0.67	0.76	0.85	1.05	1.28
20	207.92	0.96	5.36	Student	-3.55	-1.85	-0.40	0.29	0.96	1.64	2.32	3.77	5.48
	215.87	0.66	0.72	School	0.05	0.28	0.48	0.57	0.66	0.75	0.84	1.04	1.27
25	210.89	0.89	5.36	Student	-3.62	-1.92	-0.47	0.22	0.89	1.56	2.25	3.70	5.40
	217.26	0.65	0.72	School	0.04	0.27	0.47	0.56	0.65	0.74	0.83	1.03	1.26
30	213.57	0.83	5.36	Student	-3.69	-1.99	-0.53	0.15	0.83	1.50	2.19	3.64	5.34
	218.52	0.64	0.72	School	0.03	0.26	0.46	0.55	0.64	0.73	0.82	1.02	1.25
35	216.04	0.77	5.36	Student	-3.75	-2.05	-0.59	0.09	0.77	1.44	2.13	3.58	5.28
	219.68	0.63	0.72	School	0.02	0.25	0.45	0.54	0.63	0.72	0.81	1.01	1.24
40	218.40	0.71	5.36	Student	-3.80	-2.10	-0.65	0.04	0.71	1.39	2.07	3.52	5.23
	220.79	0.62	0.72	School	0.01	0.24	0.44	0.53	0.62	0.71	0.80	1.00	1.23
45	220.67	0.66	5.36	Student	-3.86	-2.16	-0.70	-0.02	0.66	1.33	2.02	3.47	5.17
	221.86	0.61	0.72	School	0.00	0.23	0.43	0.52	0.61	0.70	0.79	0.99	1.22
50	222.91	0.60	5.36	Student	-3.91	-2.21	-0.76	-0.07	0.60	1.28	1.96	3.42	5.12
	222.91	0.60	0.72	School	-0.00	0.23	0.42	0.51	0.60	0.69	0.79	0.98	1.21
55	225.15	0.55	5.36	Student	-3.96	-2.26	-0.81	-0.12	0.55	1.22	1.91	3.36	5.06
	223.96	0.60	0.72	School	-0.01	0.22	0.41	0.50	0.60	0.69	0.78	0.97	1.20
60	227.42	0.50	5.36	Student	-4.02	-2.32	-0.86	-0.18	0.50	1.17	1.85	3.31	5.01
	225.03	0.59	0.72	School	-0.02	0.21	0.40	0.50	0.59	0.68	0.77	0.96	1.19
65	229.77	0.44	5.36	Student	-4.08	-2.37	-0.92	-0.23	0.44	1.11	1.80	3.25	4.95
	226.13	0.58	0.72	School	-0.03	0.20	0.40	0.49	0.58	0.67	0.76	0.96	1.18
70	232.25	0.38	5.36	Student	-4.13	-2.43	-0.98	-0.29	0.38	1.05	1.74	3.19	4.90
	227.30	0.57	0.72	School	-0.04	0.19	0.39	0.48	0.57	0.66	0.75	0.95	1.18
75	234.92	0.32	5.36	Student	-4.20	-2.50	-1.04	-0.36	0.32	0.99	1.68	3.13	4.83
	228.55	0.56	0.72	School	-0.05	0.18	0.38	0.47	0.56	0.65	0.74	0.94	1.17
80	237.90	0.25	5.36	Student	-4.27	-2.57	-1.11	-0.43	0.25	0.92	1.60	3.06	4.76
	229.95	0.55	0.72	School	-0.06	0.17	0.36	0.46	0.55	0.64	0.73	0.93	1.15
85	241.37	0.16	5.36	Student	-4.35	-2.65	-1.20	-0.51	0.16	0.84	1.52	2.98	4.68
	231.58	0.53	0.72	School	-0.07	0.16	0.35	0.44	0.53	0.63	0.72	0.91	1.14
90	245.74	0.06	5.36	Student	-4.46	-2.75	-1.30	-0.62	0.06	0.73	1.42	2.87	4.57
	233.63	0.52	0.72	School	-0.09	0.14	0.34	0.43	0.52	0.61	0.70	0.90	1.12

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.75: Reading Grade 11
Last Winter To Winter Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	199.49	4.12	6.92	Student	-1.70	0.49	2.37	3.25	4.12	4.99	5.87	7.75	9.94		
	211.29	3.05	1.46	School	1.82	2.28	2.68	2.86	3.05	3.23	3.42	3.82	4.28		
15	203.87	3.76	6.92	Student	-2.06	0.13	2.01	2.89	3.76	4.63	5.51	7.39	9.58		
	213.41	2.89	1.46	School	1.66	2.13	2.52	2.71	2.89	3.08	3.27	3.66	4.13		
20	207.35	3.48	6.92	Student	-2.35	-0.15	1.72	2.61	3.48	4.35	5.23	7.10	9.30		
	215.10	2.77	1.46	School	1.54	2.00	2.40	2.59	2.77	2.96	3.14	3.54	4.00		
25	210.34	3.23	6.92	Student	-2.59	-0.40	1.48	2.36	3.23	4.10	4.98	6.86	9.05		
	216.55	2.67	1.46	School	1.43	1.90	2.30	2.48	2.67	2.85	3.04	3.44	3.90		
30	213.02	3.01	6.92	Student	-2.81	-0.62	1.26	2.14	3.01	3.88	4.76	6.64	8.83		
	217.85	2.57	1.46	School	1.34	1.80	2.20	2.39	2.57	2.76	2.94	3.34	3.81		
35	215.51	2.81	6.92	Student	-3.01	-0.82	1.06	1.94	2.81	3.68	4.56	6.44	8.63		
	219.05	2.49	1.46	School	1.25	1.72	2.11	2.30	2.49	2.67	2.86	3.25	3.72		
40	217.86	2.61	6.92	Student	-3.21	-1.01	0.86	1.75	2.61	3.48	4.37	6.24	8.44		
	220.20	2.40	1.46	School	1.17	1.63	2.03	2.22	2.40	2.59	2.77	3.17	3.64		
45	220.15	2.43	6.92	Student	-3.39	-1.20	0.68	1.56	2.43	3.30	4.18	6.06	8.25		
	221.30	2.32	1.46	School	1.09	1.55	1.95	2.14	2.32	2.51	2.69	3.09	3.56		
50	222.39	2.24	6.92	Student	-3.58	-1.38	0.49	1.37	2.24	3.11	4.00	5.87	8.07		
	222.39	2.24	1.46	School	1.01	1.48	1.87	2.06	2.24	2.43	2.61	3.01	3.48		
55	224.64	2.06	6.92	Student	-3.76	-1.57	0.31	1.19	2.06	2.93	3.81	5.69	7.88		
	223.48	2.17	1.46	School	0.93	1.40	1.79	1.98	2.17	2.35	2.54	2.93	3.40		
60	226.92	1.87	6.92	Student	-3.95	-1.75	0.12	1.00	1.87	2.74	3.63	5.50	7.70		
	224.59	2.08	1.46	School	0.85	1.32	1.71	1.90	2.08	2.27	2.46	2.85	3.32		
65	229.28	1.68	6.92	Student	-4.14	-1.95	-0.07	0.81	1.68	2.55	3.43	5.31	7.50		
	225.73	2.00	1.46	School	0.77	1.23	1.63	1.82	2.00	2.19	2.37	2.77	3.23		
70	231.76	1.48	6.92	Student	-4.35	-2.15	-0.28	0.61	1.48	2.35	3.23	5.10	7.30		
	226.94	1.91	1.46	School	0.68	1.15	1.54	1.73	1.91	2.10	2.29	2.68	3.15		
75	234.44	1.26	6.92	Student	-4.57	-2.37	-0.50	0.39	1.26	2.13	3.01	4.88	7.08		
	228.24	1.82	1.46	School	0.59	1.05	1.45	1.64	1.82	2.00	2.19	2.59	3.05		
80	237.43	1.01	6.92	Student	-4.81	-2.62	-0.74	0.14	1.01	1.88	2.76	4.64	6.83		
	229.69	1.72	1.46	School	0.48	0.95	1.34	1.53	1.72	1.90	2.09	2.48	2.95		
85	240.91	0.73	6.92	Student	-5.10	-2.90	-1.03	-0.14	0.73	1.60	2.48	4.35	6.55		
	231.37	1.59	1.46	School	0.36	0.83	1.22	1.41	1.59	1.78	1.96	2.36	2.83		
90	245.29	0.37	6.92	Student	-5.45	-3.26	-1.38	-0.50	0.37	1.24	2.12	4.00	6.19		
	233.50	1.44	1.46	School	0.21	0.67	1.07	1.26	1.44	1.62	1.81	2.21	2.67		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.76: Reading Grade 11
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth								
		RIT	Mean SD		CGI	20	30	40	45	50	55	60	70
10	198.48	5.05	8.40	Student	-2.02	0.64	2.92	3.99	5.05	6.10	7.18	9.45	12.12
	211.09	2.36	2.18	School	0.53	1.22	1.81	2.09	2.36	2.63	2.91	3.50	4.20
15	203.09	4.26	8.40	Student	-2.81	-0.14	2.14	3.21	4.26	5.32	6.39	8.67	11.33
	213.29	2.09	2.18	School	0.26	0.95	1.54	1.82	2.09	2.36	2.64	3.23	3.93
20	206.75	3.64	8.40	Student	-3.43	-0.76	1.51	2.59	3.64	4.70	5.77	8.05	10.71
	215.03	1.88	2.18	School	0.04	0.73	1.32	1.60	1.88	2.15	2.43	3.02	3.71
25	209.89	3.11	8.40	Student	-3.96	-1.30	0.98	2.05	3.11	4.16	5.24	7.51	10.18
	216.53	1.69	2.18	School	-0.14	0.55	1.14	1.42	1.69	1.97	2.25	2.84	3.53
30	212.72	2.63	8.40	Student	-4.44	-1.78	0.50	1.57	2.63	3.68	4.76	7.03	9.70
	217.88	1.53	2.18	School	-0.31	0.38	0.98	1.25	1.53	1.80	2.08	2.67	3.36
35	215.33	2.18	8.40	Student	-4.89	-2.22	0.05	1.13	2.18	3.24	4.31	6.59	9.25
	219.12	1.37	2.18	School	-0.46	0.23	0.82	1.10	1.37	1.65	1.93	2.52	3.21
40	217.81	1.76	8.40	Student	-5.31	-2.64	-0.37	0.71	1.76	2.82	3.89	6.17	8.83
	220.31	1.23	2.18	School	-0.60	0.09	0.68	0.96	1.23	1.50	1.78	2.37	3.06
45	220.21	1.35	8.40	Student	-5.72	-3.05	-0.78	0.30	1.35	2.41	3.48	5.76	8.42
	221.45	1.09	2.18	School	-0.75	-0.05	0.54	0.82	1.09	1.36	1.64	2.23	2.92
50	222.58	0.95	8.40	Student	-6.12	-3.45	-1.18	-0.10	0.95	2.01	3.08	5.36	8.02
	222.58	0.95	2.18	School	-0.88	-0.19	0.40	0.68	0.95	1.22	1.50	2.09	2.79
55	224.94	0.55	8.40	Student	-6.52	-3.86	-1.58	-0.51	0.55	1.60	2.68	4.95	7.62
	223.70	0.81	2.18	School	-1.02	-0.33	0.26	0.54	0.81	1.09	1.37	1.96	2.65
60	227.34	0.14	8.40	Student	-6.93	-4.26	-1.99	-0.91	0.14	1.20	2.27	4.55	7.21
	224.85	0.67	2.18	School	-1.16	-0.47	0.12	0.40	0.67	0.95	1.22	1.82	2.51
65	229.82	-0.28	8.40	Student	-7.35	-4.69	-2.41	-1.34	-0.28	0.77	1.85	4.12	6.79
	226.03	0.53	2.18	School	-1.31	-0.62	-0.03	0.25	0.53	0.80	1.08	1.67	2.36
70	232.44	-0.73	8.40	Student	-7.79	-5.13	-2.85	-1.78	-0.73	0.33	1.40	3.68	6.34
	227.28	0.37	2.18	School	-1.46	-0.77	-0.18	0.10	0.37	0.65	0.93	1.52	2.21
75	235.26	-1.21	8.40	Student	-8.27	-5.61	-3.33	-2.26	-1.21	-0.15	0.92	3.20	5.86
	228.62	0.21	2.18	School	-1.63	-0.93	-0.34	-0.06	0.21	0.48	0.76	1.35	2.04
80	238.41	-1.74	8.40	Student	-8.81	-6.14	-3.87	-2.80	-1.74	-0.68	0.39	2.67	5.33
	230.12	0.03	2.18	School	-1.81	-1.12	-0.53	-0.25	0.03	0.30	0.58	1.17	1.86
85	242.07	-2.36	8.40	Student	-9.43	-6.77	-4.49	-3.42	-2.36	-1.31	-0.23	2.04	4.71
	231.87	-0.19	2.18	School	-2.02	-1.33	-0.74	-0.46	-0.19	0.09	0.36	0.95	1.65
90	246.68	-3.15	8.40	Student	-10.2	-7.55	-5.27	-4.20	-3.15	-2.09	-1.02	1.26	3.92
	234.06	-0.46	2.18	School	-2.29	-1.60	-1.01	-0.73	-0.46	-0.18	0.09	0.68	1.38

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.77: Reading Grade 11
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	198.48	5.14	8.44	Student	-1.96	0.72	3.01	4.08	5.14	6.20	7.28	9.57	12.24	
	211.09	3.27	1.92	School	1.65	2.26	2.78	3.03	3.27	3.51	3.76	4.28	4.88	
15	203.09	4.57	8.44	Student	-2.53	0.14	2.43	3.51	4.57	5.63	6.71	8.99	11.67	
	213.29	3.05	1.92	School	1.44	2.04	2.57	2.81	3.05	3.29	3.54	4.06	4.67	
20	206.75	4.11	8.44	Student	-2.99	-0.31	1.97	3.05	4.11	5.17	6.25	8.53	11.21	
	215.03	2.88	1.92	School	1.26	1.87	2.39	2.64	2.88	3.12	3.37	3.89	4.50	
25	209.89	3.72	8.44	Student	-3.38	-0.71	1.58	2.66	3.72	4.78	5.86	8.14	10.82	
	216.53	2.73	1.92	School	1.12	1.72	2.25	2.49	2.73	2.97	3.22	3.74	4.35	
30	212.72	3.37	8.44	Student	-3.74	-1.06	1.23	2.31	3.37	4.43	5.50	7.79	10.47	
	217.88	2.60	1.92	School	0.98	1.59	2.11	2.36	2.60	2.84	3.09	3.61	4.21	
35	215.33	3.04	8.44	Student	-4.06	-1.39	0.90	1.98	3.04	4.10	5.18	7.46	10.14	
	219.12	2.48	1.92	School	0.86	1.47	1.99	2.23	2.48	2.72	2.96	3.48	4.09	
40	217.81	2.73	8.44	Student	-4.37	-1.70	0.59	1.67	2.73	3.79	4.87	7.15	9.83	
	220.31	2.36	1.92	School	0.74	1.35	1.87	2.12	2.36	2.60	2.85	3.37	3.97	
45	220.21	2.43	8.44	Student	-4.67	-1.99	0.29	1.37	2.43	3.49	4.57	6.85	9.53	
	221.45	2.25	1.92	School	0.63	1.24	1.76	2.00	2.25	2.49	2.73	3.25	3.86	
50	222.58	2.13	8.44	Student	-4.97	-2.29	-0.00	1.07	2.13	3.19	4.27	6.56	9.24	
	222.58	2.13	1.92	School	0.52	1.13	1.65	1.89	2.13	2.38	2.62	3.14	3.75	
55	224.94	1.84	8.44	Student	-5.26	-2.58	-0.30	0.78	1.84	2.90	3.98	6.26	8.94	
	223.70	2.02	1.92	School	0.41	1.02	1.54	1.78	2.02	2.26	2.51	3.03	3.64	
60	227.34	1.54	8.44	Student	-5.56	-2.88	-0.60	0.48	1.54	2.60	3.68	5.96	8.64	
	224.85	1.91	1.92	School	0.29	0.90	1.42	1.67	1.91	2.15	2.40	2.92	3.53	
65	229.82	1.23	8.44	Student	-5.87	-3.19	-0.91	0.17	1.23	2.29	3.37	5.65	8.33	
	226.03	1.79	1.92	School	0.18	0.79	1.31	1.55	1.79	2.03	2.28	2.80	3.41	
70	232.44	0.90	8.44	Student	-6.20	-3.52	-1.23	-0.16	0.90	1.96	3.04	5.33	8.00	
	227.28	1.67	1.92	School	0.05	0.66	1.18	1.43	1.67	1.91	2.16	2.68	3.29	
75	235.26	0.55	8.44	Student	-6.55	-3.87	-1.59	-0.51	0.55	1.61	2.69	4.98	7.65	
	228.62	1.54	1.92	School	-0.08	0.53	1.05	1.30	1.54	1.78	2.02	2.54	3.15	
80	238.41	0.16	8.44	Student	-6.94	-4.27	-1.98	-0.90	0.16	1.22	2.30	4.58	7.26	
	230.12	1.39	1.92	School	-0.23	0.38	0.90	1.15	1.39	1.63	1.88	2.40	3.01	
85	242.07	-0.30	8.44	Student	-7.40	-4.72	-2.44	-1.36	-0.30	0.76	1.84	4.13	6.80	
	231.87	1.22	1.92	School	-0.40	0.21	0.73	0.98	1.22	1.46	1.70	2.22	2.83	
90	246.68	-0.87	8.44	Student	-7.97	-5.30	-3.01	-1.93	-0.87	0.19	1.26	3.55	6.23	
	234.06	1.00	1.92	School	-0.62	-0.01	0.51	0.76	1.00	1.24	1.49	2.01	2.62	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.78: Reading Grade 11
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	200.81	2.43	6.18	Student	-2.78	-0.82	0.86	1.65	2.43	3.20	3.99	5.67	7.63	
	213.07	1.22	1.25	School	0.16	0.56	0.90	1.06	1.22	1.37	1.53	1.87	2.27	
15	205.16	2.17	6.18	Student	-3.03	-1.07	0.61	1.40	2.17	2.95	3.74	5.42	7.38	
	215.07	1.20	1.25	School	0.14	0.54	0.88	1.04	1.20	1.35	1.51	1.85	2.25	
20	208.61	1.97	6.18	Student	-3.23	-1.27	0.41	1.20	1.97	2.75	3.54	5.22	7.18	
	216.66	1.18	1.25	School	0.13	0.52	0.86	1.02	1.18	1.34	1.50	1.83	2.23	
25	211.57	1.80	6.18	Student	-3.40	-1.44	0.23	1.02	1.80	2.58	3.37	5.04	7.01	
	218.02	1.16	1.25	School	0.11	0.51	0.85	1.01	1.16	1.32	1.48	1.82	2.22	
30	214.23	1.65	6.18	Student	-3.56	-1.60	0.08	0.87	1.65	2.42	3.21	4.89	6.85	
	219.25	1.15	1.25	School	0.10	0.50	0.84	0.99	1.15	1.31	1.47	1.81	2.20	
35	216.70	1.50	6.18	Student	-3.70	-1.74	-0.06	0.73	1.50	2.28	3.07	4.75	6.71	
	220.38	1.14	1.25	School	0.09	0.48	0.82	0.98	1.14	1.30	1.46	1.80	2.19	
40	219.04	1.37	6.18	Student	-3.84	-1.87	-0.20	0.59	1.37	2.14	2.93	4.61	6.57	
	221.46	1.13	1.25	School	0.08	0.47	0.81	0.97	1.13	1.29	1.45	1.78	2.18	
45	221.30	1.24	6.18	Student	-3.97	-2.01	-0.33	0.46	1.24	2.01	2.80	4.48	6.44	
	222.50	1.12	1.25	School	0.07	0.46	0.80	0.96	1.12	1.27	1.43	1.77	2.17	
50	223.53	1.11	6.18	Student	-4.10	-2.14	-0.46	0.33	1.11	1.88	2.67	4.35	6.31	
	223.53	1.11	1.25	School	0.06	0.45	0.79	0.95	1.11	1.26	1.42	1.76	2.16	
55	225.76	0.98	6.18	Student	-4.23	-2.26	-0.59	0.20	0.98	1.75	2.54	4.22	6.18	
	224.55	1.10	1.25	School	0.04	0.44	0.78	0.94	1.10	1.25	1.41	1.75	2.15	
60	228.02	0.85	6.18	Student	-4.36	-2.40	-0.72	0.07	0.85	1.62	2.41	4.09	6.05	
	225.60	1.09	1.25	School	0.03	0.43	0.77	0.93	1.09	1.24	1.40	1.74	2.14	
65	230.36	0.71	6.18	Student	-4.49	-2.53	-0.86	-0.07	0.71	1.49	2.28	3.95	5.91	
	226.67	1.07	1.25	School	0.02	0.42	0.76	0.92	1.07	1.23	1.39	1.73	2.13	
70	232.82	0.57	6.18	Student	-4.64	-2.68	-1.00	-0.21	0.57	1.34	2.13	3.81	5.77	
	227.81	1.06	1.25	School	0.01	0.41	0.75	0.91	1.06	1.22	1.38	1.72	2.11	
75	235.48	0.41	6.18	Student	-4.79	-2.83	-1.15	-0.36	0.41	1.19	1.98	3.66	5.62	
	229.03	1.05	1.25	School	-0.00	0.39	0.73	0.89	1.05	1.21	1.37	1.71	2.10	
80	238.45	0.24	6.18	Student	-4.96	-3.00	-1.33	-0.54	0.24	1.02	1.81	3.48	5.44	
	230.40	1.04	1.25	School	-0.02	0.38	0.72	0.88	1.04	1.19	1.35	1.69	2.09	
85	241.90	0.04	6.18	Student	-5.16	-3.20	-1.53	-0.74	0.04	0.82	1.61	3.28	5.24	
	231.99	1.02	1.25	School	-0.03	0.36	0.70	0.86	1.02	1.18	1.34	1.67	2.07	
90	246.25	-0.21	6.18	Student	-5.42	-3.45	-1.78	-0.99	-0.21	0.56	1.35	3.03	4.99	
	233.99	1.00	1.25	School	-0.05	0.34	0.68	0.84	1.00	1.15	1.31	1.65	2.05	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.79: Reading Grade 11
Fall To Spring Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	200.81	2.90	8.58	Student	-4.32	-1.60	0.73	1.82	2.90	3.98	5.08	7.40	10.12	
	213.07	1.37	2.19	School	-0.46	0.23	0.82	1.10	1.37	1.65	1.93	2.52	3.21	
15	205.16	2.57	8.58	Student	-4.65	-1.93	0.40	1.50	2.57	3.65	4.75	7.07	9.79	
	215.07	1.34	2.19	School	-0.50	0.19	0.78	1.06	1.34	1.61	1.89	2.48	3.18	
20	208.61	2.31	8.58	Student	-4.91	-2.19	0.14	1.23	2.31	3.39	4.49	6.81	9.53	
	216.66	1.31	2.19	School	-0.53	0.16	0.76	1.03	1.31	1.58	1.86	2.46	3.15	
25	211.57	2.09	8.58	Student	-5.13	-2.41	-0.09	1.01	2.09	3.17	4.26	6.59	9.31	
	218.02	1.28	2.19	School	-0.55	0.14	0.73	1.01	1.28	1.56	1.84	2.43	3.12	
30	214.23	1.89	8.58	Student	-5.33	-2.61	-0.29	0.81	1.89	2.96	4.06	6.39	9.11	
	219.25	1.26	2.19	School	-0.58	0.12	0.71	0.99	1.26	1.54	1.82	2.41	3.10	
35	216.70	1.70	8.58	Student	-5.52	-2.80	-0.47	0.62	1.70	2.78	3.87	6.20	8.92	
	220.38	1.24	2.19	School	-0.60	0.10	0.69	0.97	1.24	1.52	1.79	2.39	3.08	
40	219.04	1.52	8.58	Student	-5.70	-2.98	-0.65	0.45	1.52	2.60	3.70	6.02	8.74	
	221.46	1.22	2.19	School	-0.62	0.08	0.67	0.95	1.22	1.50	1.78	2.37	3.06	
45	221.30	1.35	8.58	Student	-5.87	-3.15	-0.82	0.27	1.35	2.43	3.53	5.85	8.57	
	222.50	1.20	2.19	School	-0.64	0.06	0.65	0.93	1.20	1.48	1.76	2.35	3.04	
50	223.53	1.18	8.58	Student	-6.04	-3.32	-0.99	0.11	1.18	2.26	3.36	5.68	8.40	
	223.53	1.18	2.19	School	-0.66	0.04	0.63	0.91	1.18	1.46	1.74	2.33	3.02	
55	225.76	1.02	8.58	Student	-6.21	-3.48	-1.16	-0.06	1.02	2.09	3.19	5.51	8.24	
	224.55	1.16	2.19	School	-0.67	0.02	0.61	0.89	1.16	1.44	1.72	2.31	3.00	
60	228.02	0.84	8.58	Student	-6.38	-3.66	-1.33	-0.23	0.84	1.92	3.02	5.34	8.06	
	225.60	1.15	2.19	School	-0.69	-0.00	0.59	0.87	1.15	1.42	1.70	2.29	2.98	
65	230.36	0.67	8.58	Student	-6.55	-3.83	-1.51	-0.41	0.67	1.74	2.84	5.17	7.89	
	226.67	1.13	2.19	School	-0.71	-0.02	0.57	0.85	1.13	1.40	1.68	2.27	2.97	
70	232.82	0.48	8.58	Student	-6.74	-4.02	-1.69	-0.60	0.48	1.56	2.65	4.98	7.70	
	227.81	1.11	2.19	School	-0.73	-0.04	0.55	0.83	1.11	1.38	1.66	2.25	2.94	
75	235.48	0.28	8.58	Student	-6.94	-4.22	-1.89	-0.80	0.28	1.36	2.45	4.78	7.50	
	229.03	1.08	2.19	School	-0.76	-0.06	0.53	0.81	1.08	1.36	1.64	2.23	2.92	
80	238.45	0.06	8.58	Student	-7.17	-4.44	-2.12	-1.02	0.06	1.13	2.23	4.55	7.28	
	230.40	1.06	2.19	School	-0.78	-0.09	0.50	0.78	1.06	1.33	1.61	2.20	2.90	
85	241.90	-0.21	8.58	Student	-7.43	-4.71	-2.38	-1.28	-0.21	0.87	1.97	4.29	7.01	
	231.99	1.03	2.19	School	-0.81	-0.12	0.48	0.75	1.03	1.30	1.58	2.17	2.87	
90	246.25	-0.53	8.58	Student	-7.76	-5.03	-2.71	-1.61	-0.53	0.54	1.64	3.96	6.69	
	233.99	0.99	2.19	School	-0.85	-0.15	0.44	0.72	0.99	1.27	1.55	2.14	2.83	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.80: Reading Grade 11
Fall To N Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth																
		Mean	SD		20	30	40	45	50	55	60	70	80								
10	200.81	-0.44	7.69	Student	-6.91	-4.47	-2.39	-1.41	-0.44	0.53	1.51	3.59	6.03								
	213.07	0.36	1.62	School	-1.00	-0.49	-0.05	0.16	0.36	0.56	0.77	1.21	1.72								
15	205.16	-0.34	7.69	Student	-6.81	-4.37	-2.29	-1.30	-0.34	0.63	1.61	3.70	6.14								
	215.07	0.31	1.62	School	-1.05	-0.54	-0.10	0.11	0.31	0.51	0.72	1.16	1.67								
20	208.61	-0.26	7.69	Student	-6.73	-4.29	-2.20	-1.22	-0.26	0.71	1.69	3.78	6.22								
	216.66	0.27	1.62	School	-1.09	-0.58	-0.14	0.07	0.27	0.47	0.68	1.12	1.63								
25	211.57	-0.19	7.69	Student	-6.66	-4.22	-2.13	-1.15	-0.19	0.78	1.76	3.85	6.29								
	218.02	0.24	1.62	School	-1.13	-0.61	-0.17	0.03	0.24	0.44	0.65	1.08	1.60								
30	214.23	-0.12	7.69	Student	-6.60	-4.16	-2.07	-1.09	-0.12	0.84	1.83	3.91	6.35								
	219.25	0.20	1.62	School	-1.16	-0.64	-0.21	0.00	0.20	0.41	0.61	1.05	1.57								
35	216.70	-0.06	7.69	Student	-6.54	-4.10	-2.01	-1.03	-0.06	0.90	1.88	3.97	6.41								
	220.38	0.18	1.62	School	-1.19	-0.67	-0.23	-0.03	0.18	0.38	0.59	1.02	1.54								
40	219.04	-0.01	7.69	Student	-6.48	-4.04	-1.96	-0.98	-0.01	0.96	1.94	4.02	6.46								
	221.46	0.15	1.62	School	-1.21	-0.70	-0.26	-0.05	0.15	0.35	0.56	1.00	1.51								
45	221.30	0.04	7.69	Student	-6.43	-3.99	-1.90	-0.92	0.04	1.01	1.99	4.08	6.52								
	222.50	0.12	1.62	School	-1.24	-0.73	-0.29	-0.08	0.12	0.33	0.53	0.97	1.48								
50	223.53	0.10	7.69	Student	-6.38	-3.94	-1.85	-0.87	0.10	1.06	2.04	4.13	6.57								
	223.53	0.10	1.62	School	-1.27	-0.75	-0.31	-0.11	0.10	0.30	0.51	0.95	1.46								
55	225.76	0.15	7.69	Student	-6.32	-3.88	-1.80	-0.82	0.15	1.12	2.10	4.18	6.62								
	224.55	0.07	1.62	School	-1.29	-0.78	-0.34	-0.13	0.07	0.27	0.48	0.92	1.43								
60	228.02	0.20	7.69	Student	-6.27	-3.83	-1.75	-0.76	0.20	1.17	2.15	4.24	6.68								
	225.60	0.04	1.62	School	-1.32	-0.80	-0.37	-0.16	0.04	0.25	0.45	0.89	1.41								
65	230.36	0.26	7.69	Student	-6.22	-3.78	-1.69	-0.71	0.26	1.22	2.21	4.29	6.73								
	226.67	0.02	1.62	School	-1.35	-0.83	-0.39	-0.19	0.02	0.22	0.43	0.87	1.38								
70	232.82	0.32	7.69	Student	-6.16	-3.72	-1.63	-0.65	0.32	1.28	2.26	4.35	6.79								
	227.81	-0.01	1.62	School	-1.37	-0.86	-0.42	-0.22	-0.01	0.19	0.40	0.84	1.35								
75	235.48	0.38	7.69	Student	-6.09	-3.65	-1.57	-0.59	0.38	1.34	2.33	4.41	6.85								
	229.03	-0.04	1.62	School	-1.41	-0.89	-0.45	-0.25	-0.04	0.16	0.37	0.81	1.32								
80	238.45	0.45	7.69	Student	-6.02	-3.59	-1.50	-0.52	0.45	1.41	2.40	4.48	6.92								
	230.40	-0.08	1.62	School	-1.44	-0.93	-0.49	-0.28	-0.08	0.13	0.33	0.77	1.28								
85	241.90	0.53	7.69	Student	-5.94	-3.50	-1.42	-0.44	0.53	1.50	2.48	4.56	7.00								
	231.99	-0.12	1.62	School	-1.48	-0.97	-0.53	-0.32	-0.12	0.09	0.29	0.73	1.24								
90	246.25	0.63	7.69	Student	-5.84	-3.40	-1.32	-0.33	0.63	1.60	2.58	4.66	7.10								
	233.99	-0.17	1.62	School	-1.53	-1.02	-0.58	-0.37	-0.17	0.03	0.24	0.68	1.19								

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.81: Reading Grade 11
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	201.82	0.31	5.62	Student	-4.42	-2.64	-1.11	-0.39	0.31	1.02	1.74	3.26	5.04	
	214.16	-0.03	0.94	School	-0.82	-0.52	-0.26	-0.14	-0.03	0.09	0.21	0.47	0.77	
15	206.18	0.27	5.62	Student	-4.46	-2.68	-1.16	-0.44	0.27	0.97	1.69	3.22	5.00	
	216.17	-0.01	0.94	School	-0.80	-0.50	-0.24	-0.12	-0.01	0.11	0.23	0.49	0.78	
20	209.65	0.23	5.62	Student	-4.50	-2.72	-1.19	-0.47	0.23	0.94	1.66	3.18	4.96	
	217.76	0.01	0.94	School	-0.78	-0.48	-0.23	-0.11	0.01	0.13	0.25	0.50	0.80	
25	212.63	0.20	5.62	Student	-4.53	-2.75	-1.22	-0.51	0.20	0.91	1.63	3.15	4.93	
	219.12	0.02	0.94	School	-0.77	-0.47	-0.21	-0.09	0.02	0.14	0.26	0.52	0.81	
30	215.30	0.17	5.62	Student	-4.56	-2.77	-1.25	-0.53	0.17	0.88	1.60	3.12	4.90	
	220.35	0.03	0.94	School	-0.76	-0.46	-0.20	-0.08	0.03	0.15	0.27	0.53	0.83	
35	217.78	0.15	5.62	Student	-4.58	-2.80	-1.28	-0.56	0.15	0.85	1.57	3.10	4.88	
	221.49	0.05	0.94	School	-0.74	-0.45	-0.19	-0.07	0.05	0.16	0.28	0.54	0.84	
40	220.12	0.12	5.62	Student	-4.61	-2.82	-1.30	-0.58	0.12	0.83	1.55	3.07	4.85	
	222.57	0.06	0.94	School	-0.73	-0.44	-0.18	-0.06	0.06	0.17	0.29	0.55	0.85	
45	222.40	0.10	5.62	Student	-4.63	-2.85	-1.32	-0.61	0.10	0.81	1.52	3.05	4.83	
	223.61	0.07	0.94	School	-0.72	-0.43	-0.17	-0.05	0.07	0.18	0.30	0.56	0.86	
50	224.64	0.08	5.62	Student	-4.65	-2.87	-1.35	-0.63	0.08	0.78	1.50	3.02	4.81	
	224.64	0.08	0.94	School	-0.71	-0.42	-0.16	-0.04	0.08	0.19	0.31	0.57	0.87	
55	226.87	0.05	5.62	Student	-4.68	-2.89	-1.37	-0.65	0.05	0.76	1.48	3.00	4.78	
	225.66	0.09	0.94	School	-0.70	-0.41	-0.15	-0.03	0.09	0.20	0.32	0.58	0.88	
60	229.15	0.03	5.62	Student	-4.70	-2.92	-1.39	-0.68	0.03	0.74	1.45	2.98	4.76	
	226.71	0.10	0.94	School	-0.69	-0.40	-0.14	-0.02	0.10	0.21	0.33	0.59	0.89	
65	231.50	0.01	5.62	Student	-4.73	-2.94	-1.42	-0.70	0.01	0.71	1.43	2.95	4.74	
	227.78	0.11	0.94	School	-0.68	-0.39	-0.13	-0.01	0.11	0.23	0.34	0.60	0.90	
70	233.97	-0.02	5.62	Student	-4.75	-2.97	-1.44	-0.73	-0.02	0.69	1.40	2.93	4.71	
	228.92	0.12	0.94	School	-0.67	-0.37	-0.12	0.00	0.12	0.24	0.36	0.61	0.91	
75	236.64	-0.05	5.62	Student	-4.78	-3.00	-1.47	-0.75	-0.05	0.66	1.38	2.90	4.68	
	230.15	0.13	0.94	School	-0.66	-0.36	-0.11	0.01	0.13	0.25	0.37	0.62	0.92	
80	239.62	-0.08	5.62	Student	-4.81	-3.03	-1.50	-0.79	-0.08	0.63	1.35	2.87	4.65	
	231.51	0.14	0.94	School	-0.65	-0.35	-0.09	0.03	0.14	0.26	0.38	0.64	0.93	
85	243.09	-0.11	5.62	Student	-4.85	-3.06	-1.54	-0.82	-0.11	0.59	1.31	2.83	4.62	
	233.10	0.16	0.94	School	-0.63	-0.33	-0.08	0.04	0.16	0.28	0.40	0.65	0.95	
90	247.45	-0.16	5.62	Student	-4.89	-3.11	-1.58	-0.87	-0.16	0.55	1.26	2.79	4.57	
	235.11	0.18	0.94	School	-0.61	-0.31	-0.06	0.06	0.18	0.30	0.42	0.67	0.97	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.82: Reading Grade 12
Last Winter To Winter Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	200.51	-0.03	10.83	Student	-9.15	-5.71	-2.77	-1.39	-0.03	1.33	2.71	5.65	9.09	
	212.13	-0.13	2.94	School	-2.61	-1.67	-0.87	-0.50	-0.13	0.24	0.62	1.42	2.35	
15	204.96	-0.01	10.83	Student	-9.13	-5.69	-2.76	-1.37	-0.01	1.35	2.73	5.67	9.11	
	214.36	-0.09	2.94	School	-2.57	-1.64	-0.84	-0.46	-0.09	0.28	0.65	1.45	2.39	
20	208.50	0.00	10.83	Student	-9.11	-5.68	-2.74	-1.36	0.00	1.36	2.75	5.68	9.12	
	216.13	-0.06	2.94	School	-2.54	-1.61	-0.81	-0.43	-0.06	0.31	0.68	1.48	2.42	
25	211.53	0.02	10.83	Student	-9.10	-5.67	-2.73	-1.35	0.02	1.38	2.76	5.70	9.13	
	217.65	-0.04	2.94	School	-2.51	-1.58	-0.78	-0.41	-0.04	0.33	0.71	1.51	2.44	
30	214.26	0.03	10.83	Student	-9.09	-5.65	-2.72	-1.33	0.03	1.39	2.77	5.71	9.14	
	219.02	-0.01	2.94	School	-2.49	-1.56	-0.76	-0.38	-0.01	0.36	0.73	1.53	2.46	
35	216.79	0.04	10.83	Student	-9.08	-5.64	-2.71	-1.32	0.04	1.40	2.78	5.72	9.15	
	220.28	0.01	2.94	School	-2.47	-1.54	-0.74	-0.36	0.01	0.38	0.75	1.55	2.49	
40	219.18	0.05	10.83	Student	-9.07	-5.63	-2.70	-1.31	0.05	1.41	2.79	5.73	9.16	
	221.48	0.03	2.94	School	-2.45	-1.52	-0.72	-0.34	0.03	0.40	0.77	1.57	2.51	
45	221.50	0.06	10.83	Student	-9.06	-5.62	-2.69	-1.30	0.06	1.42	2.80	5.74	9.17	
	222.64	0.05	2.94	School	-2.43	-1.50	-0.70	-0.32	0.05	0.42	0.79	1.59	2.53	
50	223.79	0.07	10.83	Student	-9.05	-5.61	-2.68	-1.29	0.07	1.43	2.81	5.75	9.18	
	223.79	0.07	2.94	School	-2.41	-1.48	-0.68	-0.30	0.07	0.44	0.81	1.61	2.54	
55	226.07	0.08	10.83	Student	-9.04	-5.60	-2.67	-1.29	0.08	1.44	2.82	5.76	9.19	
	224.93	0.09	2.94	School	-2.39	-1.46	-0.66	-0.28	0.09	0.46	0.83	1.63	2.56	
60	228.39	0.09	10.83	Student	-9.03	-5.60	-2.66	-1.28	0.09	1.45	2.83	5.77	9.20	
	226.09	0.10	2.94	School	-2.37	-1.44	-0.64	-0.27	0.10	0.47	0.85	1.65	2.58	
65	230.79	0.10	10.83	Student	-9.02	-5.59	-2.65	-1.27	0.10	1.46	2.84	5.78	9.21	
	227.29	0.12	2.94	School	-2.35	-1.42	-0.62	-0.25	0.12	0.49	0.87	1.67	2.60	
70	233.31	0.11	10.83	Student	-9.01	-5.57	-2.64	-1.26	0.11	1.47	2.85	5.79	9.22	
	228.55	0.15	2.94	School	-2.33	-1.40	-0.60	-0.22	0.15	0.52	0.89	1.69	2.62	
75	236.04	0.12	10.83	Student	-9.00	-5.56	-2.63	-1.24	0.12	1.48	2.86	5.80	9.23	
	229.92	0.17	2.94	School	-2.31	-1.38	-0.58	-0.20	0.17	0.54	0.91	1.71	2.65	
80	239.07	0.13	10.83	Student	-8.99	-5.55	-2.61	-1.23	0.13	1.49	2.87	5.81	9.25	
	231.44	0.19	2.94	School	-2.28	-1.35	-0.55	-0.18	0.19	0.56	0.94	1.74	2.67	
85	242.61	0.14	10.83	Student	-8.97	-5.54	-2.60	-1.22	0.14	1.51	2.89	5.83	9.26	
	233.21	0.22	2.94	School	-2.25	-1.32	-0.52	-0.15	0.22	0.59	0.97	1.77	2.70	
90	247.06	0.16	10.83	Student	-8.95	-5.52	-2.58	-1.20	0.16	1.52	2.91	5.84	9.28	
	235.44	0.26	2.94	School	-2.22	-1.28	-0.49	-0.11	0.26	0.63	1.01	1.81	2.74	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.83: Reading Grade 12
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth								
		Mean	SD		20	30	40	45	50	55	60	70	80
10	199.92	0.03	5.15	Student	-4.30	-2.67	-1.28	-0.62	0.03	0.68	1.33	2.73	4.36
	212.06	-0.18	0.65	School	-0.73	-0.52	-0.34	-0.26	-0.18	-0.10	-0.01	0.16	0.37
15	204.49	0.01	5.15	Student	-4.32	-2.69	-1.29	-0.63	0.01	0.66	1.32	2.71	4.35
	214.32	-0.15	0.65	School	-0.70	-0.49	-0.32	-0.24	-0.15	-0.07	0.01	0.19	0.39
20	208.13	0.00	5.15	Student	-4.33	-2.70	-1.30	-0.64	0.00	0.65	1.31	2.70	4.34
	216.11	-0.13	0.65	School	-0.68	-0.47	-0.30	-0.22	-0.13	-0.05	0.03	0.21	0.41
25	211.25	-0.01	5.15	Student	-4.34	-2.71	-1.31	-0.65	-0.01	0.64	1.30	2.69	4.33
	217.65	-0.12	0.65	School	-0.66	-0.46	-0.28	-0.20	-0.12	-0.03	0.05	0.23	0.43
30	214.05	-0.02	5.15	Student	-4.35	-2.72	-1.32	-0.66	-0.02	0.63	1.29	2.68	4.32
	219.03	-0.10	0.65	School	-0.65	-0.44	-0.27	-0.18	-0.10	-0.02	0.06	0.24	0.45
35	216.65	-0.02	5.15	Student	-4.36	-2.72	-1.33	-0.67	-0.02	0.62	1.28	2.68	4.31
	220.30	-0.09	0.65	School	-0.63	-0.43	-0.25	-0.17	-0.09	-0.00	0.08	0.25	0.46
40	219.12	-0.03	5.15	Student	-4.36	-2.73	-1.34	-0.68	-0.03	0.62	1.27	2.67	4.30
	221.52	-0.07	0.65	School	-0.62	-0.41	-0.24	-0.15	-0.07	0.01	0.09	0.27	0.47
45	221.50	-0.04	5.15	Student	-4.37	-2.74	-1.34	-0.69	-0.04	0.61	1.27	2.66	4.29
	222.69	-0.06	0.65	School	-0.61	-0.40	-0.22	-0.14	-0.06	0.02	0.11	0.28	0.49
50	223.85	-0.05	5.15	Student	-4.38	-2.75	-1.35	-0.69	-0.05	0.60	1.26	2.65	4.29
	223.85	-0.05	0.65	School	-0.59	-0.39	-0.21	-0.13	-0.05	0.04	0.12	0.29	0.50
55	226.19	-0.05	5.15	Student	-4.39	-2.75	-1.36	-0.70	-0.05	0.59	1.25	2.65	4.28
	225.00	-0.03	0.65	School	-0.58	-0.37	-0.20	-0.12	-0.03	0.05	0.13	0.31	0.51
60	228.58	-0.06	5.15	Student	-4.39	-2.76	-1.37	-0.71	-0.06	0.59	1.24	2.64	4.27
	226.18	-0.02	0.65	School	-0.57	-0.36	-0.18	-0.10	-0.02	0.06	0.14	0.32	0.53
65	231.04	-0.07	5.15	Student	-4.40	-2.77	-1.37	-0.72	-0.07	0.58	1.24	2.63	4.26
	227.39	-0.01	0.65	School	-0.55	-0.35	-0.17	-0.09	-0.01	0.08	0.16	0.33	0.54
70	233.64	-0.08	5.15	Student	-4.41	-2.78	-1.38	-0.72	-0.08	0.57	1.23	2.62	4.26
	228.67	0.01	0.65	School	-0.54	-0.33	-0.16	-0.07	0.01	0.09	0.17	0.35	0.56
75	236.44	-0.09	5.15	Student	-4.42	-2.79	-1.39	-0.73	-0.09	0.56	1.22	2.61	4.25
	230.05	0.02	0.65	School	-0.52	-0.32	-0.14	-0.06	0.02	0.11	0.19	0.36	0.57
80	239.57	-0.10	5.15	Student	-4.43	-2.79	-1.40	-0.74	-0.10	0.55	1.21	2.60	4.24
	231.59	0.04	0.65	School	-0.51	-0.30	-0.12	-0.04	0.04	0.12	0.21	0.38	0.59
85	243.20	-0.11	5.15	Student	-4.44	-2.81	-1.41	-0.75	-0.11	0.54	1.20	2.59	4.23
	233.38	0.06	0.65	School	-0.49	-0.28	-0.10	-0.02	0.06	0.14	0.23	0.40	0.61
90	247.78	-0.12	5.15	Student	-4.45	-2.82	-1.43	-0.77	-0.12	0.53	1.18	2.58	4.21
	235.63	0.09	0.65	School	-0.46	-0.26	-0.08	0.00	0.09	0.17	0.25	0.43	0.63

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.84: Reading Grade 12
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth																	
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80								
10	199.92	-1.80	10.69	Student	-10.8	-7.41	-4.51	-3.15	-1.80	-0.46	0.90	3.80	7.19									
	212.06	-0.12	2.91	School	-2.57	-1.65	-0.86	-0.48	-0.12	0.25	0.62	1.41	2.33									
15	204.49	-1.37	10.69	Student	-10.4	-6.97	-4.07	-2.71	-1.37	-0.02	1.34	4.24	7.63									
	214.32	-0.00	2.91	School	-2.45	-1.53	-0.74	-0.37	-0.00	0.36	0.73	1.52	2.45									
20	208.13	-1.02	10.69	Student	-10.0	-6.62	-3.73	-2.36	-1.02	0.32	1.69	4.58	7.97									
	216.11	0.09	2.91	School	-2.36	-1.44	-0.65	-0.28	0.09	0.45	0.82	1.61	2.54									
25	211.25	-0.72	10.69	Student	-9.72	-6.33	-3.43	-2.07	-0.72	0.62	1.98	4.88	8.27									
	217.65	0.16	2.91	School	-2.29	-1.36	-0.57	-0.20	0.16	0.53	0.90	1.69	2.61									
30	214.05	-0.46	10.69	Student	-9.45	-6.06	-3.16	-1.80	-0.46	0.89	2.25	5.15	8.54									
	219.03	0.23	2.91	School	-2.22	-1.29	-0.50	-0.13	0.23	0.60	0.97	1.76	2.68									
35	216.65	-0.21	10.69	Student	-9.20	-5.81	-2.92	-1.55	-0.21	1.13	2.50	5.40	8.79									
	220.30	0.30	2.91	School	-2.15	-1.23	-0.44	-0.07	0.30	0.66	1.04	1.82	2.75									
40	219.12	0.03	10.69	Student	-8.97	-5.58	-2.68	-1.32	0.03	1.37	2.73	5.63	9.02									
	221.52	0.36	2.91	School	-2.09	-1.17	-0.38	-0.01	0.36	0.73	1.10	1.89	2.81									
45	221.50	0.25	10.69	Student	-8.74	-5.35	-2.45	-1.09	0.25	1.60	2.96	5.86	9.25									
	222.69	0.42	2.91	School	-2.03	-1.11	-0.32	0.05	0.42	0.78	1.16	1.95	2.87									
50	223.85	0.48	10.69	Student	-8.52	-5.13	-2.23	-0.87	0.48	1.82	3.18	6.08	9.47									
	223.85	0.48	2.91	School	-1.97	-1.05	-0.26	0.11	0.48	0.84	1.21	2.00	2.93									
55	226.19	0.70	10.69	Student	-8.29	-4.90	-2.01	-0.64	0.70	2.04	3.41	6.30	9.69									
	225.00	0.54	2.91	School	-1.91	-0.99	-0.20	0.17	0.54	0.90	1.27	2.06	2.99									
60	228.58	0.93	10.69	Student	-8.07	-4.68	-1.78	-0.41	0.93	2.27	3.64	6.53	9.92									
	226.18	0.59	2.91	School	-1.86	-0.93	-0.14	0.23	0.59	0.96	1.33	2.12	3.04									
65	231.04	1.16	10.69	Student	-7.83	-4.44	-1.54	-0.18	1.16	2.51	3.87	6.77	10.16									
	227.39	0.66	2.91	School	-1.79	-0.87	-0.08	0.29	0.66	1.02	1.39	2.18	3.11									
70	233.64	1.41	10.69	Student	-7.58	-4.19	-1.30	0.07	1.41	2.75	4.12	7.01	10.40									
	228.67	0.72	2.91	School	-1.73	-0.81	-0.02	0.36	0.72	1.09	1.46	2.25	3.17									
75	236.44	1.68	10.69	Student	-7.32	-3.93	-1.03	0.33	1.68	3.02	4.38	7.28	10.67									
	230.05	0.79	2.91	School	-1.66	-0.74	0.05	0.43	0.79	1.16	1.53	2.32	3.24									
80	239.57	1.97	10.69	Student	-7.02	-3.63	-0.73	0.63	1.97	3.32	4.68	7.58	10.97									
	231.59	0.87	2.91	School	-1.58	-0.66	0.13	0.50	0.87	1.23	1.61	2.40	3.32									
85	243.20	2.32	10.69	Student	-6.67	-3.28	-0.39	0.98	2.32	3.66	5.03	7.92	11.31									
	233.38	0.96	2.91	School	-1.49	-0.57	0.22	0.59	0.96	1.32	1.70	2.49	3.41									
90	247.78	2.76	10.69	Student	-6.24	-2.85	0.05	1.41	2.76	4.10	5.46	8.36	11.75									
	235.63	1.07	2.91	School	-1.38	-0.45	0.34	0.71	1.07	1.44	1.81	2.60	3.52									

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.85: Reading Grade 12
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	199.05	-1.15	6.31	Student	-6.46	-4.46	-2.75	-1.95	-1.15	-0.36	0.44	2.15	4.15	
	211.86	-0.33	1.28	School	-1.40	-1.00	-0.65	-0.49	-0.33	-0.17	-0.01	0.34	0.75	
15	203.78	-0.92	6.31	Student	-6.23	-4.23	-2.52	-1.72	-0.92	-0.13	0.67	2.38	4.38	
	214.14	-0.26	1.28	School	-1.33	-0.93	-0.58	-0.42	-0.26	-0.10	0.07	0.41	0.82	
20	207.55	-0.74	6.31	Student	-6.05	-4.05	-2.34	-1.53	-0.74	0.05	0.86	2.57	4.57	
	215.96	-0.20	1.28	School	-1.27	-0.87	-0.52	-0.36	-0.20	-0.04	0.13	0.47	0.88	
25	210.77	-0.58	6.31	Student	-5.89	-3.89	-2.18	-1.38	-0.58	0.21	1.01	2.72	4.72	
	217.51	-0.15	1.28	School	-1.22	-0.82	-0.47	-0.31	-0.15	0.01	0.17	0.52	0.93	
30	213.67	-0.44	6.31	Student	-5.75	-3.75	-2.04	-1.23	-0.44	0.35	1.16	2.86	4.87	
	218.91	-0.10	1.28	School	-1.18	-0.77	-0.43	-0.26	-0.10	0.06	0.22	0.56	0.97	
35	216.36	-0.31	6.31	Student	-5.62	-3.62	-1.91	-1.10	-0.31	0.48	1.29	3.00	5.00	
	220.21	-0.06	1.28	School	-1.14	-0.73	-0.39	-0.22	-0.06	0.10	0.26	0.61	1.01	
40	218.91	-0.19	6.31	Student	-5.50	-3.49	-1.79	-0.98	-0.19	0.60	1.41	3.12	5.12	
	221.44	-0.02	1.28	School	-1.10	-0.69	-0.35	-0.18	-0.02	0.14	0.30	0.65	1.05	
45	221.37	-0.07	6.31	Student	-5.38	-3.37	-1.67	-0.86	-0.07	0.72	1.53	3.24	5.24	
	222.63	0.01	1.28	School	-1.06	-0.66	-0.31	-0.15	0.01	0.17	0.34	0.68	1.09	
50	223.80	0.05	6.31	Student	-5.26	-3.26	-1.55	-0.74	0.05	0.84	1.65	3.36	5.36	
	223.80	0.05	1.28	School	-1.02	-0.62	-0.27	-0.11	0.05	0.21	0.37	0.72	1.13	
55	226.23	0.17	6.31	Student	-5.14	-3.14	-1.43	-0.62	0.17	0.96	1.77	3.48	5.48	
	224.97	0.09	1.28	School	-0.99	-0.58	-0.24	-0.07	0.09	0.25	0.41	0.76	1.16	
60	228.70	0.29	6.31	Student	-5.02	-3.02	-1.31	-0.50	0.29	1.08	1.89	3.60	5.60	
	226.16	0.13	1.28	School	-0.95	-0.54	-0.20	-0.03	0.13	0.29	0.45	0.79	1.20	
65	231.24	0.41	6.31	Student	-4.90	-2.89	-1.19	-0.38	0.41	1.21	2.01	3.72	5.72	
	227.39	0.16	1.28	School	-0.91	-0.51	-0.16	0.00	0.16	0.32	0.49	0.83	1.24	
70	233.93	0.54	6.31	Student	-4.76	-2.76	-1.05	-0.25	0.54	1.34	2.14	3.85	5.85	
	228.69	0.21	1.28	School	-0.87	-0.46	-0.12	0.05	0.21	0.37	0.53	0.88	1.28	
75	236.83	0.68	6.31	Student	-4.62	-2.62	-0.91	-0.11	0.68	1.48	2.28	3.99	5.99	
	230.09	0.25	1.28	School	-0.82	-0.42	-0.07	0.09	0.25	0.41	0.57	0.92	1.32	
80	240.06	0.84	6.31	Student	-4.47	-2.47	-0.76	0.05	0.84	1.63	2.44	4.15	6.15	
	231.65	0.30	1.28	School	-0.78	-0.37	-0.02	0.14	0.30	0.46	0.62	0.97	1.37	
85	243.82	1.02	6.31	Student	-4.28	-2.28	-0.57	0.23	1.02	1.82	2.62	4.33	6.33	
	233.46	0.36	1.28	School	-0.72	-0.31	0.03	0.20	0.36	0.52	0.68	1.03	1.43	
90	248.56	1.26	6.31	Student	-4.05	-2.05	-0.34	0.46	1.26	2.05	2.85	4.56	6.56	
	235.75	0.43	1.28	School	-0.64	-0.24	0.11	0.27	0.43	0.59	0.75	1.10	1.50	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.86: Reading Grade 12
Fall To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean SD		CGI	20	30	40	45	50	55	60	70	80
10	199.05	-2.13	8.68	Student	-9.43	-6.68	-4.32	-3.22	-2.13	-1.03	0.07	2.43	5.18	
	211.86	-0.14	2.24	School	-2.02	-1.31	-0.71	-0.42	-0.14	0.14	0.43	1.04	1.75	
15	203.78	-1.62	8.68	Student	-8.92	-6.17	-3.82	-2.71	-1.62	-0.53	0.58	2.93	5.69	
	214.14	-0.01	2.24	School	-1.90	-1.19	-0.58	-0.29	-0.01	0.27	0.56	1.16	1.88	
20	207.55	-1.22	8.68	Student	-8.52	-5.77	-3.42	-2.31	-1.22	-0.13	0.98	3.34	6.09	
	215.96	0.09	2.24	School	-1.80	-1.09	-0.48	-0.19	0.09	0.37	0.66	1.27	1.98	
25	210.77	-0.87	8.68	Student	-8.18	-5.42	-3.07	-1.96	-0.87	0.22	1.33	3.68	6.44	
	217.51	0.18	2.24	School	-1.71	-1.00	-0.39	-0.11	0.18	0.46	0.74	1.35	2.06	
30	213.67	-0.56	8.68	Student	-7.87	-5.11	-2.76	-1.65	-0.56	0.53	1.64	3.99	6.75	
	218.91	0.25	2.24	School	-1.63	-0.92	-0.32	-0.03	0.25	0.53	0.82	1.43	2.14	
35	216.36	-0.27	8.68	Student	-7.58	-4.83	-2.47	-1.36	-0.27	0.82	1.93	4.28	7.03	
	220.21	0.32	2.24	School	-1.56	-0.85	-0.24	0.04	0.32	0.61	0.89	1.50	2.21	
40	218.91	-0.00	8.68	Student	-7.31	-4.55	-2.20	-1.09	-0.00	1.09	2.20	4.55	7.31	
	221.44	0.39	2.24	School	-1.49	-0.78	-0.18	0.11	0.39	0.67	0.96	1.57	2.28	
45	221.37	0.26	8.68	Student	-7.04	-4.29	-1.94	-0.83	0.26	1.35	2.46	4.82	7.57	
	222.63	0.46	2.24	School	-1.43	-0.72	-0.11	0.18	0.46	0.74	1.03	1.63	2.35	
50	223.80	0.52	8.68	Student	-6.78	-4.03	-1.68	-0.57	0.52	1.61	2.72	5.08	7.83	
	223.80	0.52	2.24	School	-1.36	-0.65	-0.04	0.24	0.52	0.81	1.09	1.70	2.41	
55	226.23	0.78	8.68	Student	-6.52	-3.77	-1.42	-0.31	0.78	1.87	2.98	5.34	8.09	
	224.97	0.59	2.24	School	-1.30	-0.59	0.02	0.31	0.59	0.87	1.16	1.76	2.48	
60	228.70	1.05	8.68	Student	-6.26	-3.51	-1.15	-0.04	1.05	2.14	3.25	5.60	8.35	
	226.16	0.65	2.24	School	-1.23	-0.52	0.09	0.37	0.65	0.94	1.22	1.83	2.54	
65	231.24	1.32	8.68	Student	-5.99	-3.23	-0.88	0.23	1.32	2.41	3.52	5.87	8.63	
	227.39	0.72	2.24	School	-1.16	-0.45	0.15	0.44	0.72	1.00	1.29	1.90	2.61	
70	233.93	1.61	8.68	Student	-5.70	-2.94	-0.59	0.52	1.61	2.70	3.81	6.16	8.91	
	228.69	0.79	2.24	School	-1.09	-0.38	0.23	0.51	0.79	1.08	1.36	1.97	2.68	
75	236.83	1.92	8.68	Student	-5.39	-2.63	-0.28	0.83	1.92	3.01	4.12	6.47	9.22	
	230.09	0.87	2.24	School	-1.02	-0.30	0.30	0.59	0.87	1.15	1.44	2.05	2.76	
80	240.06	2.26	8.68	Student	-5.04	-2.29	0.06	1.17	2.26	3.35	4.46	6.82	9.57	
	231.65	0.96	2.24	School	-0.93	-0.22	0.39	0.68	0.96	1.24	1.53	2.13	2.84	
85	243.82	2.67	8.68	Student	-4.64	-1.89	0.47	1.57	2.67	3.76	4.86	7.22	9.97	
	233.46	1.06	2.24	School	-0.83	-0.12	0.49	0.78	1.06	1.34	1.63	2.23	2.95	
90	248.56	3.17	8.68	Student	-4.13	-1.38	0.97	2.08	3.17	4.26	5.37	7.72	10.48	
	235.75	1.18	2.24	School	-0.70	0.01	0.62	0.90	1.18	1.47	1.75	2.36	3.07	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.2.87: Reading Grade 12
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	196.66	-1.04	5.57	Student	-5.73	-3.96	-2.45	-1.74	-1.04	-0.34	0.37	1.88	3.65	
	211.42	0.03	0.95	School	-0.76	-0.46	-0.21	-0.09	0.03	0.15	0.27	0.53	0.83	
15	201.86	-0.75	5.57	Student	-5.44	-3.67	-2.16	-1.45	-0.75	-0.05	0.66	2.17	3.94	
	213.80	0.12	0.95	School	-0.68	-0.38	-0.12	-0.00	0.12	0.24	0.36	0.61	0.91	
20	206.00	-0.52	5.57	Student	-5.21	-3.44	-1.93	-1.22	-0.52	0.18	0.89	2.40	4.17	
	215.69	0.18	0.95	School	-0.61	-0.31	-0.06	0.06	0.18	0.30	0.42	0.68	0.98	
25	209.54	-0.32	5.57	Student	-5.01	-3.25	-1.73	-1.02	-0.32	0.38	1.09	2.60	4.37	
	217.31	0.24	0.95	School	-0.56	-0.26	0.00	0.12	0.24	0.36	0.48	0.74	1.04	
30	212.73	-0.15	5.57	Student	-4.84	-3.07	-1.56	-0.85	-0.15	0.55	1.27	2.78	4.54	
	218.76	0.29	0.95	School	-0.50	-0.20	0.05	0.17	0.29	0.41	0.53	0.79	1.09	
35	215.68	0.02	5.57	Student	-4.67	-2.90	-1.39	-0.68	0.02	0.72	1.43	2.94	4.71	
	220.11	0.34	0.95	School	-0.46	-0.16	0.10	0.22	0.34	0.46	0.58	0.84	1.14	
40	218.48	0.17	5.57	Student	-4.52	-2.75	-1.24	-0.53	0.17	0.87	1.59	3.10	4.86	
	221.39	0.39	0.95	School	-0.41	-0.11	0.15	0.27	0.39	0.51	0.63	0.88	1.18	
45	221.19	0.32	5.57	Student	-4.37	-2.60	-1.09	-0.38	0.32	1.03	1.74	3.25	5.02	
	222.63	0.43	0.95	School	-0.37	-0.07	0.19	0.31	0.43	0.55	0.67	0.93	1.23	
50	223.85	0.47	5.57	Student	-4.22	-2.45	-0.94	-0.23	0.47	1.17	1.88	3.40	5.16	
	223.85	0.47	0.95	School	-0.32	-0.02	0.23	0.35	0.47	0.59	0.71	0.97	1.27	
55	226.52	0.62	5.57	Student	-4.07	-2.30	-0.79	-0.08	0.62	1.32	2.03	3.54	5.31	
	225.07	0.52	0.95	School	-0.28	0.02	0.28	0.40	0.52	0.64	0.76	1.01	1.31	
60	229.23	0.77	5.57	Student	-3.92	-2.15	-0.64	0.07	0.77	1.47	2.18	3.69	5.46	
	226.31	0.56	0.95	School	-0.24	0.06	0.32	0.44	0.56	0.68	0.80	1.06	1.36	
65	232.03	0.93	5.57	Student	-3.76	-1.99	-0.48	0.23	0.93	1.63	2.34	3.85	5.62	
	227.59	0.61	0.95	School	-0.19	0.11	0.37	0.49	0.61	0.72	0.85	1.10	1.40	
70	234.98	1.09	5.57	Student	-3.60	-1.83	-0.32	0.39	1.09	1.79	2.50	4.01	5.78	
	228.94	0.65	0.95	School	-0.14	0.16	0.41	0.53	0.65	0.77	0.89	1.15	1.45	
75	238.16	1.27	5.57	Student	-3.42	-1.65	-0.14	0.57	1.27	1.97	2.68	4.19	5.96	
	230.40	0.70	0.95	School	-0.09	0.21	0.46	0.59	0.70	0.82	0.94	1.20	1.50	
80	241.71	1.47	5.57	Student	-3.22	-1.46	0.05	0.77	1.47	2.17	2.88	4.39	6.16	
	232.02	0.76	0.95	School	-0.04	0.26	0.52	0.64	0.76	0.88	1.00	1.26	1.56	
85	245.84	1.70	5.57	Student	-2.99	-1.23	0.28	1.00	1.70	2.40	3.11	4.62	6.39	
	233.91	0.83	0.95	School	0.03	0.33	0.59	0.71	0.83	0.95	1.07	1.33	1.63	
90	251.04	1.98	5.57	Student	-2.71	-0.94	0.57	1.28	1.98	2.69	3.40	4.91	6.68	
	236.29	0.91	0.95	School	0.12	0.42	0.67	0.79	0.91	1.03	1.15	1.41	1.71	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Appendix E.3 - Language Usage

Table E.3.1: Language Usage Grade 2
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	144.50	21.21	6.12	Student	16.06	18.00	19.66	20.45	21.21	21.98	22.76	24.42	26.36
	157.82	17.79	2.11	School	16.02	16.69	17.26	17.53	17.79	18.06	18.33	18.90	19.57
15	148.98	20.20	6.12	Student	15.05	16.99	18.65	19.43	20.20	20.97	21.75	23.41	25.35
	159.75	17.43	2.11	School	15.66	16.33	16.90	17.17	17.43	17.70	17.97	18.54	19.21
20	152.54	19.39	6.12	Student	14.24	16.18	17.84	18.62	19.39	20.16	20.94	22.60	24.54
	161.29	17.15	2.11	School	15.37	16.04	16.61	16.88	17.15	17.41	17.68	18.25	18.92
25	155.59	18.70	6.12	Student	13.55	15.49	17.15	17.93	18.70	19.47	20.25	21.91	23.85
	162.61	16.90	2.11	School	15.13	15.80	16.37	16.64	16.90	17.17	17.43	18.01	18.67
30	158.33	18.08	6.12	Student	12.93	14.87	16.53	17.31	18.08	18.85	19.63	21.29	23.23
	163.79	16.68	2.11	School	14.91	15.58	16.15	16.42	16.68	16.95	17.21	17.79	18.45
35	160.88	17.51	6.12	Student	12.35	14.30	15.95	16.74	17.51	18.27	19.06	20.71	22.66
	164.88	16.48	2.11	School	14.70	15.37	15.94	16.21	16.48	16.74	17.01	17.58	18.25
40	163.29	16.96	6.12	Student	11.81	13.75	15.41	16.19	16.96	17.73	18.51	20.17	22.11
	165.92	16.28	2.11	School	14.51	15.18	15.75	16.02	16.28	16.55	16.82	17.39	18.06
45	165.62	16.43	6.12	Student	11.28	13.22	14.88	15.66	16.43	17.20	17.98	19.64	21.58
	166.93	16.10	2.11	School	14.32	14.99	15.56	15.83	16.10	16.36	16.63	17.20	17.87
50	167.92	15.91	6.12	Student	10.76	12.70	14.36	15.14	15.91	16.68	17.46	19.12	21.06
	167.92	15.91	2.11	School	14.14	14.81	15.38	15.65	15.91	16.18	16.44	17.02	17.68
55	170.21	15.39	6.12	Student	10.24	12.18	13.84	14.62	15.39	16.16	16.94	18.60	20.54
	168.91	15.73	2.11	School	13.95	14.62	15.19	15.46	15.73	15.99	16.26	16.83	17.50
60	172.55	14.86	6.12	Student	9.71	11.65	13.31	14.09	14.86	15.63	16.41	18.07	20.01
	169.91	15.54	2.11	School	13.77	14.43	15.00	15.27	15.54	15.80	16.07	16.64	17.31
65	174.96	14.32	6.12	Student	9.17	11.11	12.77	13.55	14.32	15.08	15.87	17.52	19.47
	170.95	15.34	2.11	School	13.57	14.24	14.81	15.08	15.34	15.61	15.88	16.45	17.12
70	177.50	13.74	6.12	Student	8.59	10.53	12.19	12.97	13.74	14.51	15.29	16.95	18.89
	172.05	15.14	2.11	School	13.37	14.04	14.61	14.88	15.14	15.40	15.67	16.24	16.91
75	180.24	13.12	6.12	Student	7.97	9.91	11.57	12.35	13.12	13.89	14.67	16.33	18.27
	173.23	14.92	2.11	School	13.15	13.82	14.39	14.66	14.92	15.18	15.45	16.02	16.69
80	183.30	12.43	6.12	Student	7.28	9.22	10.88	11.66	12.43	13.20	13.98	15.64	17.58
	174.55	14.67	2.11	School	12.90	13.57	14.14	14.41	14.67	14.94	15.21	15.78	16.45
85	186.86	11.62	6.12	Student	6.47	8.41	10.07	10.85	11.62	12.39	13.17	14.83	16.77
	176.08	14.39	2.11	School	12.62	13.28	13.85	14.12	14.39	14.65	14.92	15.49	16.16
90	191.34	10.61	6.12	Student	5.46	7.40	9.06	9.84	10.61	11.38	12.16	13.82	15.76
	178.01	14.03	2.11	School	12.26	12.92	13.49	13.76	14.03	14.29	14.56	15.13	15.80

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.2: Language Usage Grade 2
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	148.33	10.57	10.93	Student	1.37	4.84	7.80	9.20	10.57	11.95	13.34	16.31	19.78	
	162.98	3.96	3.57	School	0.96	2.09	3.06	3.51	3.96	4.41	4.87	5.83	6.96	
15	153.31	8.48	10.93	Student	-0.73	2.74	5.71	7.10	8.48	9.85	11.25	14.21	17.68	
	165.16	3.13	3.57	School	0.13	1.26	2.23	2.68	3.13	3.58	4.03	5.00	6.13	
20	157.27	6.81	10.93	Student	-2.39	1.08	4.04	5.44	6.81	8.18	9.58	12.54	16.01	
	166.89	2.47	3.57	School	-0.53	0.60	1.56	2.02	2.47	2.92	3.37	4.34	5.47	
25	160.66	5.38	10.93	Student	-3.82	-0.35	2.61	4.01	5.38	6.75	8.15	11.11	14.58	
	168.37	1.90	3.57	School	-1.10	0.03	1.00	1.45	1.90	2.35	2.80	3.77	4.90	
30	163.71	4.10	10.93	Student	-5.11	-1.64	1.33	2.72	4.10	5.47	6.87	9.83	13.30	
	169.71	1.39	3.57	School	-1.61	-0.48	0.49	0.94	1.39	1.84	2.29	3.26	4.39	
35	166.54	2.91	10.93	Student	-6.30	-2.83	0.14	1.53	2.91	4.28	5.68	8.64	12.11	
	170.94	0.92	3.57	School	-2.08	-0.95	0.02	0.47	0.92	1.37	1.82	2.79	3.92	
40	169.22	1.78	10.93	Student	-7.42	-3.96	-0.99	0.40	1.78	3.15	4.55	7.51	10.98	
	172.12	0.47	3.57	School	-2.53	-1.40	-0.43	0.02	0.47	0.92	1.37	2.34	3.47	
45	171.82	0.69	10.93	Student	-8.52	-5.05	-2.08	-0.69	0.69	2.06	3.46	6.42	9.89	
	173.25	0.04	3.57	School	-2.96	-1.83	-0.87	-0.41	0.04	0.49	0.94	1.91	3.04	
50	174.37	-0.39	10.93	Student	-9.59	-6.12	-3.16	-1.76	-0.39	0.98	2.38	5.34	8.81	
	174.37	-0.39	3.57	School	-3.39	-2.26	-1.29	-0.84	-0.39	0.06	0.51	1.48	2.61	
55	176.92	-1.46	10.93	Student	-10.7	-7.20	-4.23	-2.84	-1.46	-0.09	1.31	4.27	7.74	
	175.49	-0.82	3.57	School	-3.82	-2.69	-1.72	-1.26	-0.82	-0.37	0.09	1.05	2.19	
60	179.52	-2.56	10.93	Student	-11.8	-8.29	-5.33	-3.93	-2.56	-1.18	0.21	3.18	6.65	
	176.62	-1.25	3.57	School	-4.25	-3.12	-2.15	-1.70	-1.25	-0.80	-0.35	0.62	1.75	
65	182.20	-3.69	10.93	Student	-12.9	-9.42	-6.46	-5.06	-3.69	-2.31	-0.92	2.05	5.52	
	177.80	-1.70	3.57	School	-4.70	-3.57	-2.60	-2.15	-1.70	-1.25	-0.79	0.17	1.30	
70	185.03	-4.88	10.93	Student	-14.1	-10.6	-7.65	-6.25	-4.88	-3.50	-2.11	0.86	4.33	
	179.03	-2.17	3.57	School	-5.17	-4.04	-3.07	-2.62	-2.17	-1.72	-1.27	-0.30	0.83	
75	188.08	-6.16	10.93	Student	-15.4	-11.9	-8.93	-7.53	-6.16	-4.79	-3.39	-0.43	3.04	
	180.37	-2.68	3.57	School	-5.68	-4.55	-3.58	-3.13	-2.68	-2.23	-1.78	-0.81	0.32	
80	191.47	-7.59	10.93	Student	-16.8	-13.3	-10.4	-8.96	-7.59	-6.22	-4.82	-1.86	1.61	
	181.85	-3.25	3.57	School	-6.25	-5.12	-4.15	-3.70	-3.25	-2.80	-2.34	-1.38	-0.25	
85	195.43	-9.26	10.93	Student	-18.5	-15.0	-12.0	-10.6	-9.26	-7.88	-6.49	-3.52	-0.05	
	183.59	-3.91	3.57	School	-6.91	-5.78	-4.81	-4.36	-3.91	-3.46	-3.01	-2.04	-0.91	
90	200.41	-11.4	10.93	Student	-20.6	-17.1	-14.1	-12.7	-11.4	-9.98	-8.58	-5.62	-2.15	
	185.77	-4.74	3.57	School	-7.74	-6.61	-5.64	-5.19	-4.74	-4.29	-3.84	-2.87	-1.74	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.3: Language Usage Grade 2
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	148.33	21.63	6.74	Student	15.96	18.10	19.92	20.78	21.63	22.48	23.34	25.16	27.30
	162.98	16.77	2.32	School	14.81	15.55	16.18	16.47	16.77	17.06	17.35	17.98	18.72
15	153.31	20.17	6.74	Student	14.50	16.64	18.47	19.33	20.17	21.02	21.88	23.71	25.84
	165.16	16.24	2.32	School	14.29	15.02	15.65	15.95	16.24	16.53	16.83	17.46	18.20
20	157.27	19.02	6.74	Student	13.35	15.49	17.31	18.17	19.02	19.86	20.73	22.55	24.69
	166.89	15.82	2.32	School	13.87	14.61	15.24	15.53	15.82	16.12	16.41	17.04	17.78
25	160.66	18.03	6.74	Student	12.36	14.49	16.32	17.18	18.03	18.87	19.73	21.56	23.70
	168.37	15.47	2.32	School	13.51	14.25	14.88	15.18	15.47	15.76	16.06	16.69	17.42
30	163.71	17.14	6.74	Student	11.47	13.60	15.43	16.29	17.14	17.98	18.84	20.67	22.81
	169.71	15.15	2.32	School	13.19	13.93	14.56	14.85	15.15	15.44	15.73	16.36	17.10
35	166.54	16.31	6.74	Student	10.64	12.78	14.60	15.46	16.31	17.16	18.02	19.84	21.98
	170.94	14.85	2.32	School	12.89	13.63	14.26	14.56	14.85	15.14	15.44	16.07	16.80
40	169.22	15.53	6.74	Student	9.86	12.00	13.82	14.68	15.53	16.37	17.23	19.06	21.20
	172.12	14.57	2.32	School	12.61	13.35	13.98	14.27	14.57	14.86	15.16	15.78	16.52
45	171.82	14.77	6.74	Student	9.10	11.24	13.06	13.92	14.77	15.62	16.48	18.30	20.44
	173.25	14.29	2.32	School	12.34	13.08	13.70	14.00	14.29	14.59	14.88	15.51	16.25
50	174.37	14.02	6.74	Student	8.36	10.49	12.32	13.18	14.02	14.87	15.73	17.56	19.69
	174.37	14.02	2.32	School	12.07	12.81	13.44	13.73	14.02	14.32	14.61	15.24	15.98
55	176.92	13.28	6.74	Student	7.61	9.75	11.57	12.43	13.28	14.13	14.99	16.81	18.95
	175.49	13.76	2.32	School	11.80	12.54	13.17	13.46	13.76	14.05	14.34	14.97	15.71
60	179.52	12.52	6.74	Student	6.85	8.99	10.81	11.67	12.52	13.37	14.23	16.05	18.19
	176.62	13.48	2.32	School	11.53	12.26	12.89	13.19	13.48	13.77	14.07	14.70	15.44
65	182.20	11.74	6.74	Student	6.07	8.21	10.03	10.89	11.74	12.58	13.45	15.27	17.41
	177.80	13.20	2.32	School	11.25	11.98	12.61	12.91	13.20	13.49	13.79	14.42	15.16
70	185.03	10.91	6.74	Student	5.24	7.38	9.21	10.07	10.91	11.76	12.62	14.45	16.58
	179.03	12.90	2.32	School	10.95	11.68	12.31	12.61	12.90	13.19	13.49	14.12	14.86
75	188.08	10.02	6.74	Student	4.35	6.49	8.32	9.18	10.02	10.87	11.73	13.56	15.69
	180.37	12.58	2.32	School	10.63	11.36	11.99	12.29	12.58	12.87	13.17	13.80	14.54
80	191.47	9.03	6.74	Student	3.36	5.50	7.32	8.18	9.03	9.88	10.74	12.56	14.70
	181.85	12.22	2.32	School	10.27	11.01	11.64	11.93	12.22	12.52	12.81	13.44	14.18
85	195.43	7.88	6.74	Student	2.21	4.34	6.17	7.03	7.88	8.72	9.58	11.41	13.54
	183.59	11.81	2.32	School	9.85	10.59	11.22	11.52	11.81	12.10	12.40	13.03	13.76
90	200.41	6.42	6.74	Student	0.75	2.89	4.71	5.57	6.42	7.27	8.13	9.95	12.09
	185.77	11.28	2.32	School	9.33	10.07	10.69	10.99	11.28	11.58	11.87	12.50	13.24

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.4: Language Usage Grade 2
Fall To Winter Conditional Growth Percentile

Start %ile	Status		Growth		Conditional Growth									
	RIT	Mean	SD	CGP CGI	20	30	40	45	50	55	60	70	80	
10	153.40	12.32	6.13	Student	7.16	9.11	10.77	11.55	12.32	13.09	13.88	15.54	17.49	
	165.59	9.86	1.65	School	8.47	9.00	9.44	9.65	9.86	10.07	10.28	10.73	11.25	
15	157.33	11.85	6.13	Student	6.69	8.63	10.30	11.08	11.85	12.62	13.40	15.07	17.01	
	167.19	9.86	1.65	School	8.47	8.99	9.44	9.65	9.86	10.07	10.28	10.72	11.25	
20	160.46	11.47	6.13	Student	6.31	8.26	9.92	10.70	11.47	12.24	13.03	14.69	16.64	
	168.47	9.86	1.65	School	8.47	8.99	9.44	9.65	9.86	10.06	10.27	10.72	11.24	
25	163.15	11.15	6.13	Student	5.99	7.93	9.60	10.38	11.15	11.92	12.70	14.37	16.31	
	169.56	9.85	1.65	School	8.47	8.99	9.44	9.65	9.85	10.06	10.27	10.72	11.24	
30	165.56	10.86	6.13	Student	5.70	7.64	9.31	10.09	10.86	11.63	12.41	14.08	16.02	
	170.55	9.85	1.65	School	8.47	8.99	9.44	9.65	9.85	10.06	10.27	10.72	11.24	
35	167.79	10.59	6.13	Student	5.43	7.38	9.04	9.82	10.59	11.36	12.15	13.81	15.75	
	171.46	9.85	1.65	School	8.46	8.99	9.43	9.64	9.85	10.06	10.27	10.72	11.24	
40	169.91	10.34	6.13	Student	5.17	7.12	8.78	9.57	10.34	11.11	11.89	13.55	15.50	
	172.32	9.85	1.65	School	8.46	8.99	9.43	9.64	9.85	10.06	10.27	10.71	11.24	
45	171.96	10.09	6.13	Student	4.93	6.87	8.54	9.32	10.09	10.86	11.64	13.31	15.25	
	173.16	9.85	1.65	School	8.46	8.98	9.43	9.64	9.85	10.06	10.27	10.71	11.24	
50	173.98	9.85	6.13	Student	4.68	6.63	8.29	9.08	9.85	10.62	11.40	13.06	15.01	
	173.98	9.85	1.65	School	8.46	8.98	9.43	9.64	9.85	10.05	10.26	10.71	11.23	
55	176.00	9.60	6.13	Student	4.44	6.39	8.05	8.83	9.60	10.37	11.16	12.82	14.77	
	174.80	9.85	1.65	School	8.46	8.98	9.43	9.64	9.85	10.05	10.26	10.71	11.23	
60	178.05	9.36	6.13	Student	4.20	6.14	7.80	8.59	9.36	10.13	10.91	12.57	14.52	
	175.64	9.84	1.65	School	8.46	8.98	9.43	9.64	9.84	10.05	10.26	10.71	11.23	
65	180.17	9.10	6.13	Student	3.94	5.89	7.55	8.33	9.10	9.87	10.66	12.32	14.26	
	176.51	9.84	1.65	School	8.46	8.98	9.43	9.64	9.84	10.05	10.26	10.71	11.23	
70	182.40	8.83	6.13	Student	3.67	5.62	7.28	8.06	8.83	9.60	10.39	12.05	14.00	
	177.42	9.84	1.65	School	8.45	8.98	9.42	9.63	9.84	10.05	10.26	10.71	11.23	
75	184.82	8.54	6.13	Student	3.38	5.33	6.99	7.77	8.54	9.31	10.10	11.76	13.71	
	178.40	9.84	1.65	School	8.45	8.97	9.42	9.63	9.84	10.05	10.26	10.70	11.23	
80	187.50	8.22	6.13	Student	3.06	5.00	6.67	7.45	8.22	8.99	9.77	11.44	13.38	
	179.50	9.84	1.65	School	8.45	8.97	9.42	9.63	9.84	10.04	10.26	10.70	11.23	
85	190.63	7.84	6.13	Student	2.68	4.63	6.29	7.07	7.84	8.62	9.40	11.06	13.01	
	180.77	9.84	1.65	School	8.45	8.97	9.42	9.63	9.84	10.04	10.25	10.70	11.22	
90	194.57	7.37	6.13	Student	2.21	4.15	5.82	6.60	7.37	8.14	8.92	10.59	12.53	
	182.38	9.83	1.65	School	8.45	8.97	9.42	9.63	9.83	10.04	10.25	10.70	11.22	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.5: Language Usage Grade 2
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	153.40	18.21	8.99	Student	10.65	13.50	15.93	17.08	18.21	19.34	20.49	22.92	25.77
	165.59	14.44	2.88	School	12.01	12.93	13.71	14.08	14.44	14.80	15.17	15.95	16.87
15	157.33	17.48	8.99	Student	9.92	12.77	15.21	16.35	17.48	18.61	19.76	22.20	25.05
	167.19	14.43	2.88	School	12.01	12.92	13.70	14.07	14.43	14.80	15.16	15.95	16.86
20	160.46	16.91	8.99	Student	9.34	12.19	14.63	15.78	16.91	18.04	19.18	21.62	24.47
	168.47	14.43	2.88	School	12.00	12.92	13.70	14.07	14.43	14.79	15.16	15.94	16.86
25	163.15	16.41	8.99	Student	8.85	11.70	14.13	15.28	16.41	17.54	18.69	21.12	23.97
	169.56	14.43	2.88	School	12.00	12.91	13.70	14.06	14.43	14.79	15.16	15.94	16.85
30	165.56	15.97	8.99	Student	8.40	11.25	13.69	14.84	15.97	17.10	18.24	20.68	23.53
	170.55	14.42	2.88	School	12.00	12.91	13.69	14.06	14.42	14.79	15.15	15.94	16.85
35	167.79	15.56	8.99	Student	7.99	10.84	13.28	14.43	15.56	16.68	17.83	20.27	23.12
	171.46	14.42	2.88	School	11.99	12.91	13.69	14.06	14.42	14.78	15.15	15.93	16.85
40	169.91	15.16	8.99	Student	7.60	10.45	12.89	14.04	15.16	16.29	17.44	19.88	22.73
	172.32	14.42	2.88	School	11.99	12.91	13.69	14.06	14.42	14.78	15.15	15.93	16.85
45	171.96	14.79	8.99	Student	7.22	10.07	12.51	13.66	14.79	15.92	17.06	19.50	22.35
	173.16	14.42	2.88	School	11.99	12.90	13.69	14.05	14.42	14.78	15.15	15.93	16.84
50	173.98	14.41	8.99	Student	6.85	9.70	12.14	13.28	14.41	15.54	16.69	19.13	21.98
	173.98	14.41	2.88	School	11.99	12.90	13.68	14.05	14.41	14.78	15.14	15.93	16.84
55	176.00	14.04	8.99	Student	6.48	9.33	11.77	12.91	14.04	15.17	16.32	18.75	21.60
	174.80	14.41	2.88	School	11.98	12.90	13.68	14.05	14.41	14.77	15.14	15.92	16.84
60	178.05	13.66	8.99	Student	6.10	8.95	11.39	12.53	13.66	14.79	15.94	18.38	21.23
	175.64	14.41	2.88	School	11.98	12.90	13.68	14.05	14.41	14.77	15.14	15.92	16.84
65	180.17	13.27	8.99	Student	5.71	8.56	11.00	12.14	13.27	14.40	15.55	17.99	20.84
	176.51	14.41	2.88	School	11.98	12.89	13.68	14.04	14.41	14.77	15.14	15.92	16.83
70	182.40	12.86	8.99	Student	5.30	8.15	10.58	11.73	12.86	13.99	15.14	17.57	20.42
	177.42	14.40	2.88	School	11.98	12.89	13.67	14.04	14.40	14.77	15.13	15.92	16.83
75	184.82	12.42	8.99	Student	4.85	7.70	10.14	11.29	12.42	13.55	14.69	17.13	19.98
	178.40	14.40	2.88	School	11.97	12.89	13.67	14.04	14.40	14.76	15.13	15.91	16.83
80	187.50	11.92	8.99	Student	4.36	7.21	9.65	10.79	11.92	13.05	14.20	16.63	19.48
	179.50	14.40	2.88	School	11.97	12.89	13.67	14.04	14.40	14.76	15.13	15.91	16.83
85	190.63	11.35	8.99	Student	3.78	6.63	9.07	10.22	11.35	12.47	13.62	16.06	18.91
	180.77	14.39	2.88	School	11.97	12.88	13.66	14.03	14.39	14.76	15.12	15.91	16.82
90	194.57	10.62	8.99	Student	3.06	5.91	8.34	9.49	10.62	11.75	12.90	15.33	18.18
	182.38	14.39	2.88	School	11.96	12.88	13.66	14.03	14.39	14.75	15.12	15.90	16.82

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.6: Language Usage Grade 2
Fall To N Fall Conditional Growth Percentile

Start Status	Growth	Conditional Growth											
		CGP	20	30	40	45	50	55	60	70	80		
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	153.40	18.14	8.43	Student	11.05	13.72	16.01	17.08	18.14	19.20	20.28	22.56	25.23
	165.59	14.72	2.20	School	12.87	13.56	14.16	14.44	14.72	14.99	15.27	15.87	16.57
15	157.33	17.36	8.43	Student	10.27	12.94	15.23	16.30	17.36	18.42	19.49	21.78	24.45
	167.19	14.59	2.20	School	12.74	13.44	14.03	14.31	14.59	14.87	15.15	15.74	16.44
20	160.46	16.74	8.43	Student	9.65	12.32	14.60	15.68	16.74	17.80	18.87	21.16	23.83
	168.47	14.49	2.20	School	12.64	13.34	13.93	14.21	14.49	14.76	15.05	15.64	16.34
25	163.15	16.21	8.43	Student	9.11	11.79	14.07	15.15	16.21	17.26	18.34	20.62	23.30
	169.56	14.40	2.20	School	12.55	13.25	13.85	14.13	14.40	14.68	14.96	15.56	16.25
30	165.56	15.73	8.43	Student	8.64	11.31	13.59	14.67	15.73	16.79	17.86	20.15	22.82
	170.55	14.32	2.20	School	12.47	13.17	13.77	14.05	14.32	14.60	14.88	15.48	16.18
35	167.79	15.28	8.43	Student	8.19	10.87	13.15	14.22	15.28	16.34	17.42	19.70	22.37
	171.46	14.25	2.20	School	12.40	13.10	13.70	13.98	14.25	14.53	14.81	15.41	16.10
40	169.91	14.86	8.43	Student	7.77	10.44	12.73	13.80	14.86	15.92	17.00	19.28	21.95
	172.32	14.18	2.20	School	12.33	13.03	13.63	13.91	14.18	14.46	14.74	15.34	16.04
45	171.96	14.45	8.43	Student	7.36	10.04	12.32	13.40	14.45	15.51	16.59	18.87	21.55
	173.16	14.12	2.20	School	12.27	12.97	13.56	13.84	14.12	14.40	14.68	15.27	15.97
50	173.98	14.05	8.43	Student	6.96	9.64	11.92	13.00	14.05	15.11	16.19	18.47	21.14
	173.98	14.05	2.20	School	12.20	12.90	13.50	13.78	14.05	14.33	14.61	15.21	15.90
55	176.00	13.65	8.43	Student	6.56	9.23	11.52	12.59	13.65	14.71	15.79	18.07	20.74
	174.80	13.99	2.20	School	12.14	12.84	13.43	13.71	13.99	14.27	14.55	15.14	15.84
60	178.05	13.25	8.43	Student	6.15	8.83	11.11	12.19	13.25	14.30	15.38	17.66	20.34
	175.64	13.92	2.20	School	12.07	12.77	13.37	13.65	13.92	14.20	14.48	15.08	15.77
65	180.17	12.82	8.43	Student	5.73	8.41	10.69	11.77	12.82	13.88	14.96	17.24	19.92
	176.51	13.85	2.20	School	12.00	12.70	13.30	13.58	13.85	14.13	14.41	15.01	15.71
70	182.40	12.38	8.43	Student	5.29	7.96	10.25	11.32	12.38	13.44	14.52	16.80	19.47
	177.42	13.78	2.20	School	11.93	12.63	13.23	13.51	13.78	14.06	14.34	14.94	15.63
75	184.82	11.90	8.43	Student	4.81	7.48	9.77	10.84	11.90	12.96	14.04	16.32	18.99
	178.40	13.71	2.20	School	11.86	12.55	13.15	13.43	13.71	13.98	14.26	14.86	15.56
80	187.50	11.37	8.43	Student	4.28	6.95	9.23	10.31	11.37	12.43	13.50	15.79	18.46
	179.50	13.62	2.20	School	11.77	12.47	13.06	13.34	13.62	13.90	14.18	14.77	15.47
85	190.63	10.75	8.43	Student	3.66	6.33	8.61	9.69	10.75	11.81	12.88	15.17	17.84
	180.77	13.52	2.20	School	11.67	12.37	12.96	13.24	13.52	13.80	14.08	14.67	15.37
90	194.57	9.97	8.43	Student	2.87	5.55	7.83	8.91	9.97	11.02	12.10	14.38	17.06
	182.38	13.39	2.20	School	11.54	12.24	12.84	13.12	13.39	13.67	13.95	14.55	15.24

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.7: Language Usage Grade 2
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	164.09	5.23	5.56	Student	0.56	2.32	3.83	4.54	5.23	5.93	6.64	8.15	9.91
	175.18	4.19	1.20	School	3.18	3.56	3.89	4.04	4.19	4.34	4.49	4.82	5.20
15	167.86	5.11	5.56	Student	0.43	2.19	3.70	4.41	5.11	5.80	6.51	8.02	9.78
	176.84	4.26	1.20	School	3.25	3.63	3.96	4.11	4.26	4.41	4.57	4.89	5.27
20	170.86	5.00	5.56	Student	0.33	2.09	3.60	4.31	5.00	5.70	6.41	7.92	9.68
	178.15	4.32	1.20	School	3.31	3.69	4.02	4.17	4.32	4.47	4.62	4.95	5.33
25	173.44	4.92	5.56	Student	0.24	2.00	3.51	4.22	4.92	5.62	6.33	7.83	9.59
	179.28	4.37	1.20	School	3.36	3.74	4.06	4.22	4.37	4.52	4.67	5.00	5.38
30	175.75	4.84	5.56	Student	0.16	1.93	3.43	4.14	4.84	5.54	6.25	7.75	9.52
	180.29	4.41	1.20	School	3.40	3.78	4.11	4.26	4.41	4.56	4.72	5.04	5.42
35	177.89	4.77	5.56	Student	0.09	1.85	3.36	4.07	4.77	5.47	6.18	7.68	9.44
	181.23	4.45	1.20	School	3.44	3.82	4.15	4.30	4.45	4.60	4.76	5.08	5.46
40	179.93	4.70	5.56	Student	0.02	1.79	3.29	4.00	4.70	5.40	6.11	7.61	9.37
	182.12	4.49	1.20	School	3.48	3.86	4.19	4.34	4.49	4.64	4.80	5.12	5.50
45	181.89	4.63	5.56	Student	-0.04	1.72	3.22	3.93	4.63	5.33	6.04	7.55	9.31
	182.98	4.53	1.20	School	3.52	3.90	4.23	4.38	4.53	4.68	4.83	5.16	5.54
50	183.83	4.57	5.56	Student	-0.11	1.65	3.16	3.87	4.57	5.27	5.97	7.48	9.24
	183.83	4.57	1.20	School	3.56	3.94	4.26	4.42	4.57	4.72	4.87	5.20	5.58
55	185.76	4.50	5.56	Student	-0.17	1.59	3.09	3.80	4.50	5.20	5.91	7.42	9.18
	184.68	4.60	1.20	School	3.59	3.97	4.30	4.45	4.60	4.75	4.91	5.23	5.61
60	187.73	4.44	5.56	Student	-0.24	1.52	3.03	3.74	4.44	5.13	5.84	7.35	9.11
	185.54	4.64	1.20	School	3.63	4.01	4.34	4.49	4.64	4.79	4.95	5.27	5.65
65	189.76	4.37	5.56	Student	-0.31	1.45	2.96	3.67	4.37	5.06	5.77	7.28	9.04
	186.43	4.68	1.20	School	3.67	4.05	4.38	4.53	4.68	4.83	4.98	5.31	5.69
70	191.91	4.29	5.56	Student	-0.38	1.38	2.89	3.60	4.29	4.99	5.70	7.21	8.97
	187.37	4.72	1.20	School	3.71	4.09	4.42	4.57	4.72	4.87	5.03	5.35	5.73
75	194.22	4.22	5.56	Student	-0.46	1.30	2.81	3.52	4.22	4.91	5.62	7.13	8.89
	188.38	4.77	1.20	School	3.75	4.14	4.46	4.61	4.77	4.92	5.07	5.40	5.78
80	196.79	4.13	5.56	Student	-0.55	1.22	2.72	3.43	4.13	4.83	5.54	7.04	8.80
	189.51	4.81	1.20	School	3.80	4.18	4.51	4.66	4.81	4.97	5.12	5.44	5.83
85	199.79	4.03	5.56	Student	-0.65	1.11	2.62	3.33	4.03	4.73	5.44	6.94	8.70
	190.82	4.87	1.20	School	3.86	4.24	4.57	4.72	4.87	5.02	5.18	5.50	5.88
90	203.57	3.90	5.56	Student	-0.78	0.99	2.49	3.20	3.90	4.60	5.31	6.81	8.58
	192.47	4.94	1.20	School	3.93	4.31	4.64	4.79	4.94	5.09	5.25	5.57	5.95

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.8: Language Usage Grade 3
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth								
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80
10	162.31	15.59	5.78	Student	10.73	12.56	14.13	14.87	15.59	16.32	17.06	18.62	20.45
	174.07	13.09	1.54	School	11.79	12.28	12.70	12.90	13.09	13.29	13.48	13.90	14.39
15	166.29	14.91	5.78	Student	10.05	11.88	13.45	14.19	14.91	15.64	16.38	17.94	19.77
	175.79	12.89	1.54	School	11.59	12.08	12.50	12.70	12.89	13.08	13.28	13.70	14.19
20	169.45	14.37	5.78	Student	9.51	11.34	12.91	13.65	14.37	15.10	15.84	17.40	19.24
	177.17	12.73	1.54	School	11.43	11.92	12.34	12.54	12.73	12.93	13.12	13.54	14.03
25	172.16	13.91	5.78	Student	9.05	10.88	12.45	13.19	13.91	14.64	15.37	16.94	18.77
	178.35	12.59	1.54	School	11.30	11.79	12.20	12.40	12.59	12.79	12.99	13.40	13.89
30	174.59	13.50	5.78	Student	8.63	10.47	12.03	12.77	13.50	14.22	14.96	16.52	18.36
	179.40	12.47	1.54	School	11.17	11.66	12.08	12.28	12.47	12.67	12.86	13.28	13.77
35	176.85	13.11	5.78	Student	8.25	10.08	11.65	12.38	13.11	13.84	14.57	16.14	17.97
	180.38	12.36	1.54	School	11.06	11.55	11.97	12.16	12.36	12.55	12.75	13.17	13.66
40	178.99	12.74	5.78	Student	7.88	9.72	11.28	12.02	12.74	13.47	14.21	15.77	17.61
	181.31	12.25	1.54	School	10.95	11.44	11.86	12.06	12.25	12.44	12.64	13.06	13.55
45	181.06	12.39	5.78	Student	7.53	9.36	10.93	11.66	12.39	13.12	13.85	15.42	17.25
	182.21	12.15	1.54	School	10.85	11.34	11.75	11.95	12.15	12.34	12.54	12.95	13.44
50	183.10	12.04	5.78	Student	7.18	9.01	10.58	11.32	12.04	12.77	13.51	15.07	16.90
	183.10	12.04	1.54	School	10.74	11.23	11.65	11.85	12.04	12.24	12.43	12.85	13.34
55	185.14	11.69	5.78	Student	6.83	8.67	10.23	10.97	11.69	12.42	13.16	14.72	16.56
	183.99	11.94	1.54	School	10.64	11.13	11.55	11.75	11.94	12.13	12.33	12.75	13.24
60	187.21	11.34	5.78	Student	6.48	8.31	9.88	10.61	11.34	12.07	12.80	14.37	16.20
	184.89	11.84	1.54	School	10.54	11.03	11.44	11.64	11.84	12.03	12.23	12.64	13.13
65	189.35	10.98	5.78	Student	6.11	7.95	9.51	10.25	10.98	11.70	12.44	14.00	15.84
	185.82	11.73	1.54	School	10.43	10.92	11.34	11.53	11.73	11.92	12.12	12.54	13.03
70	191.61	10.59	5.78	Student	5.73	7.56	9.13	9.86	10.59	11.32	12.05	13.62	15.45
	186.80	11.61	1.54	School	10.31	10.80	11.22	11.42	11.61	11.81	12.00	12.42	12.91
75	194.04	10.17	5.78	Student	5.31	7.15	8.71	9.45	10.17	10.90	11.64	13.20	15.04
	187.85	11.49	1.54	School	10.19	10.68	11.10	11.30	11.49	11.68	11.88	12.30	12.79
80	196.75	9.71	5.78	Student	4.85	6.68	8.25	8.99	9.71	10.44	11.17	12.74	14.57
	189.03	11.35	1.54	School	10.05	10.54	10.96	11.16	11.35	11.55	11.74	12.16	12.65
85	199.91	9.17	5.78	Student	4.31	6.14	7.71	8.45	9.17	9.90	10.64	12.20	14.03
	190.41	11.19	1.54	School	9.90	10.38	10.80	11.00	11.19	11.39	11.59	12.00	12.49
90	203.89	8.49	5.78	Student	3.63	5.46	7.03	7.77	8.49	9.22	9.96	11.52	13.35
	192.13	10.99	1.54	School	9.69	10.18	10.60	10.80	10.99	11.19	11.38	11.80	12.29

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.9: Language Usage Grade 3
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	166.51	4.62	8.21	Student	-2.29	0.32	2.54	3.59	4.62	5.65	6.70	8.93	11.54	
	178.37	1.74	2.54	School	-0.40	0.41	1.09	1.42	1.74	2.06	2.38	3.07	3.88	
15	170.58	3.72	8.21	Student	-3.19	-0.59	1.64	2.69	3.72	4.75	5.80	8.03	10.63	
	180.18	1.39	2.54	School	-0.75	0.06	0.75	1.07	1.39	1.71	2.03	2.72	3.53	
20	173.82	3.01	8.21	Student	-3.91	-1.30	0.93	1.97	3.01	4.04	5.09	7.31	9.92	
	181.61	1.11	2.54	School	-1.03	-0.22	0.47	0.79	1.11	1.43	1.76	2.45	3.25	
25	176.59	2.39	8.21	Student	-4.52	-1.92	0.31	1.36	2.39	3.42	4.47	6.70	9.30	
	182.84	0.87	2.54	School	-1.27	-0.46	0.23	0.55	0.87	1.19	1.52	2.21	3.01	
30	179.09	1.84	8.21	Student	-5.07	-2.47	-0.24	0.81	1.84	2.87	3.92	6.15	8.75	
	183.94	0.66	2.54	School	-1.48	-0.67	0.02	0.34	0.66	0.98	1.30	1.99	2.80	
35	181.40	1.33	8.21	Student	-5.58	-2.98	-0.75	0.30	1.33	2.36	3.41	5.64	8.24	
	184.96	0.46	2.54	School	-1.68	-0.87	-0.18	0.14	0.46	0.78	1.11	1.80	2.60	
40	183.59	0.84	8.21	Student	-6.07	-3.46	-1.24	-0.19	0.84	1.88	2.93	5.15	7.76	
	185.94	0.27	2.54	School	-1.87	-1.06	-0.37	-0.05	0.27	0.59	0.92	1.61	2.41	
45	185.71	0.38	8.21	Student	-6.54	-3.93	-1.71	-0.66	0.38	1.41	2.46	4.68	7.29	
	186.87	0.09	2.54	School	-2.05	-1.24	-0.55	-0.23	0.09	0.41	0.74	1.43	2.23	
50	187.80	-0.09	8.21	Student	-7.00	-4.39	-2.17	-1.12	-0.09	0.95	1.99	4.22	6.83	
	187.80	-0.09	2.54	School	-2.23	-1.42	-0.73	-0.41	-0.09	0.23	0.56	1.25	2.05	
55	189.89	-0.55	8.21	Student	-7.46	-4.86	-2.63	-1.58	-0.55	0.48	1.53	3.76	6.36	
	188.72	-0.27	2.54	School	-2.41	-1.60	-0.91	-0.59	-0.27	0.05	0.38	1.07	1.87	
60	192.01	-1.02	8.21	Student	-7.93	-5.32	-3.10	-2.05	-1.02	0.01	1.06	3.29	5.90	
	189.66	-0.45	2.54	School	-2.59	-1.78	-1.09	-0.77	-0.45	-0.13	0.20	0.89	1.69	
65	194.20	-1.50	8.21	Student	-8.42	-5.81	-3.58	-2.53	-1.50	-0.47	0.58	2.80	5.41	
	190.63	-0.64	2.54	School	-2.78	-1.97	-1.28	-0.95	-0.64	-0.32	0.01	0.70	1.50	
70	196.51	-2.01	8.21	Student	-8.93	-6.32	-4.09	-3.05	-2.01	-0.98	0.07	2.29	4.90	
	191.65	-0.83	2.54	School	-2.97	-2.17	-1.48	-1.15	-0.83	-0.51	-0.19	0.50	1.31	
75	199.00	-2.57	8.21	Student	-9.48	-6.87	-4.65	-3.60	-2.57	-1.53	-0.48	1.74	4.35	
	192.76	-1.05	2.54	School	-3.19	-2.38	-1.69	-1.37	-1.05	-0.73	-0.40	0.29	1.09	
80	201.78	-3.18	8.21	Student	-10.1	-7.49	-5.26	-4.21	-3.18	-2.15	-1.10	1.13	3.73	
	193.99	-1.29	2.54	School	-3.43	-2.62	-1.93	-1.60	-1.29	-0.97	-0.64	0.05	0.85	
85	205.02	-3.90	8.21	Student	-10.8	-8.20	-5.98	-4.93	-3.90	-2.86	-1.81	0.41	3.02	
	195.42	-1.56	2.54	School	-3.70	-2.90	-2.21	-1.88	-1.56	-1.24	-0.92	-0.23	0.58	
90	209.09	-4.80	8.21	Student	-11.7	-9.10	-6.88	-5.83	-4.80	-3.76	-2.71	-0.49	2.12	
	197.22	-1.91	2.54	School	-4.05	-3.25	-2.56	-2.23	-1.91	-1.59	-1.27	-0.58	0.23	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.10: Language Usage Grade 3
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	166.51	14.84	6.26	Student	9.57	11.56	13.25	14.05	14.84	15.63	16.43	18.12	20.11	
	178.37	11.97	1.95	School	10.33	10.95	11.48	11.73	11.97	12.22	12.47	12.99	13.61	
15	170.58	14.02	6.26	Student	8.75	10.73	12.43	13.23	14.02	14.80	15.60	17.30	19.28	
	180.18	11.70	1.95	School	10.06	10.68	11.20	11.45	11.70	11.94	12.19	12.72	13.34	
20	173.82	13.36	6.26	Student	8.09	10.08	11.77	12.57	13.36	14.15	14.95	16.64	18.63	
	181.61	11.48	1.95	School	9.84	10.46	10.98	11.23	11.48	11.72	11.97	12.50	13.12	
25	176.59	12.80	6.26	Student	7.53	9.51	11.21	12.01	12.80	13.58	14.38	16.08	18.06	
	182.84	11.29	1.95	School	9.65	10.27	10.79	11.04	11.29	11.53	11.78	12.31	12.93	
30	179.09	12.29	6.26	Student	7.02	9.01	10.71	11.50	12.29	13.08	13.88	15.57	17.56	
	183.94	11.12	1.95	School	9.48	10.10	10.62	10.87	11.12	11.36	11.61	12.14	12.76	
35	181.40	11.82	6.26	Student	6.56	8.54	10.24	11.04	11.82	12.61	13.41	15.11	17.09	
	184.96	10.96	1.95	School	9.32	9.94	10.47	10.72	10.96	11.21	11.45	11.98	12.60	
40	183.59	11.38	6.26	Student	6.11	8.10	9.79	10.59	11.38	12.17	12.96	14.66	16.65	
	185.94	10.81	1.95	School	9.17	9.79	10.32	10.57	10.81	11.06	11.31	11.83	12.45	
45	185.71	10.95	6.26	Student	5.68	7.67	9.36	10.16	10.95	11.74	12.53	14.23	16.22	
	186.87	10.67	1.95	School	9.03	9.65	10.17	10.42	10.67	10.91	11.16	11.69	12.31	
50	187.80	10.53	6.26	Student	5.26	7.24	8.94	9.74	10.53	11.31	12.11	13.81	15.79	
	187.80	10.53	1.95	School	8.89	9.50	10.03	10.28	10.53	10.77	11.02	11.55	12.17	
55	189.89	10.10	6.26	Student	4.83	6.82	8.52	9.32	10.10	10.89	11.69	13.39	15.37	
	188.72	10.38	1.95	School	8.74	9.36	9.89	10.14	10.38	10.63	10.88	11.41	12.02	
60	192.01	9.67	6.26	Student	4.41	6.39	8.09	8.89	9.67	10.46	11.26	12.96	14.94	
	189.66	10.24	1.95	School	8.60	9.22	9.75	10.00	10.24	10.48	10.73	11.26	11.88	
65	194.20	9.23	6.26	Student	3.96	5.95	7.64	8.44	9.23	10.02	10.81	12.51	14.50	
	190.63	10.09	1.95	School	8.45	9.07	9.60	9.85	10.09	10.34	10.58	11.11	11.73	
70	196.51	8.76	6.26	Student	3.49	5.48	7.17	7.97	8.76	9.55	10.35	12.04	14.03	
	191.65	9.93	1.95	School	8.29	8.91	9.44	9.69	9.93	10.18	10.43	10.95	11.57	
75	199.00	8.26	6.26	Student	2.99	4.97	6.67	7.47	8.26	9.04	9.84	11.54	13.52	
	192.76	9.76	1.95	School	8.13	8.74	9.27	9.52	9.76	10.01	10.26	10.79	11.40	
80	201.78	7.69	6.26	Student	2.42	4.41	6.11	6.91	7.69	8.48	9.28	10.97	12.96	
	193.99	9.58	1.95	School	7.94	8.55	9.08	9.33	9.58	9.82	10.07	10.60	11.21	
85	205.02	7.04	6.26	Student	1.77	3.75	5.45	6.25	7.04	7.82	8.62	10.32	12.30	
	195.42	9.36	1.95	School	7.72	8.33	8.86	9.11	9.36	9.60	9.85	10.38	10.99	
90	209.09	6.21	6.26	Student	0.94	2.93	4.63	5.42	6.21	7.00	7.80	9.49	11.48	
	197.22	9.08	1.95	School	7.44	8.06	8.59	8.83	9.08	9.32	9.57	10.10	10.72	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.11: Language Usage Grade 3
Fall To Winter Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	168.07	9.55 5.23	Student	5.15	6.81	8.22	8.89	9.55	10.20	10.87	12.29	13.94	
	179.44	7.60 1.12	School	6.66	7.01	7.32	7.46	7.60	7.74	7.88	8.19	8.54	
15	171.83	9.14 5.23	Student	4.74	6.40	7.82	8.49	9.14	9.80	10.47	11.88	13.54	
	181.02	7.57 1.12	School	6.63	6.98	7.28	7.43	7.57	7.71	7.85	8.15	8.51	
20	174.81	8.82 5.23	Student	4.42	6.08	7.50	8.16	8.82	9.48	10.14	11.56	13.22	
	182.28	7.54 1.12	School	6.60	6.95	7.26	7.40	7.54	7.68	7.82	8.13	8.48	
25	177.37	8.54 5.23	Student	4.15	5.80	7.22	7.89	8.54	9.20	9.87	11.28	12.94	
	183.36	7.52 1.12	School	6.58	6.93	7.24	7.38	7.52	7.66	7.80	8.11	8.46	
30	179.67	8.30 5.23	Student	3.90	5.56	6.97	7.64	8.30	8.95	9.62	11.04	12.69	
	184.33	7.50 1.12	School	6.56	6.91	7.22	7.36	7.50	7.64	7.78	8.09	8.44	
35	181.81	8.07 5.23	Student	3.67	5.33	6.74	7.41	8.07	8.72	9.39	10.81	12.46	
	185.23	7.48 1.12	School	6.54	6.89	7.20	7.34	7.48	7.62	7.76	8.07	8.42	
40	183.83	7.85 5.23	Student	3.45	5.11	6.52	7.19	7.85	8.51	9.17	10.59	12.25	
	186.08	7.46 1.12	School	6.52	6.88	7.18	7.32	7.46	7.60	7.75	8.05	8.40	
45	185.79	7.64 5.23	Student	3.24	4.90	6.31	6.98	7.64	8.29	8.96	10.38	12.04	
	186.90	7.45 1.12	School	6.51	6.86	7.16	7.31	7.45	7.59	7.73	8.03	8.39	
50	187.71	7.43 5.23	Student	3.03	4.69	6.11	6.77	7.43	8.09	8.75	10.17	11.83	
	187.71	7.43 1.12	School	6.49	6.84	7.15	7.29	7.43	7.57	7.71	8.02	8.37	
55	189.64	7.22 5.23	Student	2.83	4.48	5.90	6.57	7.22	7.88	8.55	9.96	11.62	
	188.52	7.41 1.12	School	6.47	6.83	7.13	7.27	7.41	7.55	7.70	8.00	8.35	
60	191.59	7.01 5.23	Student	2.61	4.27	5.69	6.36	7.01	7.67	8.34	9.75	11.41	
	189.35	7.40 1.12	School	6.46	6.81	7.11	7.26	7.40	7.54	7.68	7.98	8.34	
65	193.62	6.79 5.23	Student	2.40	4.05	5.47	6.14	6.79	7.45	8.12	9.53	11.19	
	190.20	7.38 1.12	School	6.44	6.79	7.10	7.24	7.38	7.52	7.66	7.97	8.32	
70	195.75	6.56 5.23	Student	2.17	3.82	5.24	5.91	6.56	7.22	7.89	9.30	10.96	
	191.09	7.36 1.12	School	6.42	6.78	7.08	7.22	7.36	7.50	7.64	7.95	8.30	
75	198.05	6.32 5.23	Student	1.92	3.58	4.99	5.66	6.32	6.97	7.64	9.06	10.71	
	192.06	7.34 1.12	School	6.40	6.76	7.06	7.20	7.34	7.48	7.63	7.93	8.28	
80	200.61	6.04 5.23	Student	1.64	3.30	4.72	5.38	6.04	6.70	7.36	8.78	10.44	
	193.14	7.32 1.12	School	6.38	6.73	7.04	7.18	7.32	7.46	7.60	7.91	8.26	
85	203.60	5.72 5.23	Student	1.32	2.98	4.40	5.06	5.72	6.38	7.04	8.46	10.12	
	194.40	7.29 1.12	School	6.35	6.71	7.01	7.15	7.29	7.43	7.58	7.88	8.24	
90	207.35	5.31 5.23	Student	0.92	2.57	3.99	4.66	5.31	5.97	6.64	8.05	9.71	
	195.98	7.26 1.12	School	6.32	6.68	6.98	7.12	7.26	7.40	7.55	7.85	8.20	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.12: Language Usage Grade 3
Fall To Spring Conditional Growth Percentile

Start %ile	Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	168.07	13.75	6.99	Student	7.87	10.09	11.98	12.87	13.75	14.63	15.52	17.42	19.63		
	179.44	10.91	1.96	School	9.26	9.88	10.41	10.66	10.91	11.15	11.40	11.93	12.55		
15	171.83	13.15	6.99	Student	7.27	9.49	11.38	12.27	13.15	14.03	14.92	16.82	19.03		
	181.02	10.85	1.96	School	9.20	9.83	10.36	10.60	10.85	11.10	11.35	11.88	12.50		
20	174.81	12.67	6.99	Student	6.79	9.01	10.90	11.80	12.67	13.55	14.44	16.34	18.56		
	182.28	10.81	1.96	School	9.16	9.78	10.31	10.56	10.81	11.05	11.30	11.83	12.45		
25	177.37	12.26	6.99	Student	6.38	8.60	10.49	11.39	12.26	13.14	14.04	15.93	18.15		
	183.36	10.77	1.96	School	9.12	9.74	10.27	10.52	10.77	11.01	11.26	11.79	12.41		
30	179.67	11.90	6.99	Student	6.02	8.23	10.13	11.02	11.90	12.78	13.67	15.56	17.78		
	184.33	10.73	1.96	School	9.09	9.71	10.24	10.49	10.73	10.98	11.23	11.76	12.38		
35	181.81	11.56	6.99	Student	5.67	7.89	9.79	10.68	11.56	12.43	13.33	15.22	17.44		
	185.23	10.70	1.96	School	9.06	9.68	10.21	10.46	10.70	10.95	11.20	11.73	12.35		
40	183.83	11.23	6.99	Student	5.35	7.57	9.46	10.35	11.23	12.11	13.00	14.90	17.11		
	186.08	10.67	1.96	School	9.03	9.65	10.18	10.43	10.67	10.92	11.17	11.70	12.32		
45	185.79	10.92	6.99	Student	5.04	7.26	9.15	10.04	10.92	11.80	12.69	14.59	16.80		
	186.90	10.64	1.96	School	9.00	9.62	10.15	10.40	10.64	10.89	11.14	11.67	12.29		
50	187.71	10.61	6.99	Student	4.73	6.95	8.84	9.73	10.61	11.49	12.38	14.28	16.49		
	187.71	10.61	1.96	School	8.97	9.59	10.12	10.37	10.61	10.86	11.11	11.64	12.26		
55	189.64	10.30	6.99	Student	4.42	6.64	8.53	9.43	10.30	11.18	12.08	13.97	16.19		
	188.52	10.58	1.96	School	8.94	9.56	10.09	10.34	10.58	10.83	11.08	11.61	12.23		
60	191.59	9.99	6.99	Student	4.11	6.33	8.22	9.11	9.99	10.87	11.76	13.66	15.87		
	189.35	10.55	1.96	School	8.91	9.53	10.06	10.31	10.55	10.80	11.05	11.58	12.20		
65	193.62	9.67	6.99	Student	3.79	6.00	7.90	8.79	9.67	10.55	11.44	13.33	15.55		
	190.20	10.52	1.96	School	8.88	9.50	10.03	10.28	10.52	10.77	11.02	11.55	12.17		
70	195.75	9.33	6.99	Student	3.45	5.66	7.56	8.45	9.33	10.21	11.10	12.99	15.21		
	191.09	10.49	1.96	School	8.85	9.47	10.00	10.25	10.49	10.74	10.99	11.52	12.14		
75	198.05	8.96	6.99	Student	3.08	5.30	7.19	8.08	8.96	9.84	10.73	12.63	14.84		
	192.06	10.46	1.96	School	8.81	9.43	9.96	10.21	10.46	10.70	10.95	11.48	12.10		
80	200.61	8.55	6.99	Student	2.67	4.89	6.78	7.67	8.55	9.43	10.32	12.22	14.43		
	193.14	10.42	1.96	School	8.77	9.39	9.92	10.17	10.42	10.67	10.91	11.44	12.06		
85	203.60	8.07	6.99	Student	2.19	4.41	6.30	7.20	8.07	8.95	9.84	11.74	13.96		
	194.40	10.37	1.96	School	8.73	9.35	9.88	10.13	10.37	10.62	10.87	11.40	12.02		
90	207.35	7.47	6.99	Student	1.59	3.81	5.70	6.60	7.47	8.35	9.24	11.14	13.36		
	195.98	10.32	1.96	School	8.67	9.29	9.82	10.07	10.32	10.56	10.81	11.34	11.96		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.13: Language Usage Grade 3
Fall To N Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	168.07	12.02	7.18	Student	5.98	8.25	10.20	11.12	12.02	12.92	13.84	15.78	18.06	
	179.44	10.22	1.76	School	8.74	9.30	9.78	10.00	10.22	10.44	10.67	11.14	11.70	
15	171.83	11.57	7.18	Student	5.52	7.80	9.75	10.66	11.57	12.47	13.38	15.33	17.61	
	181.02	10.11	1.76	School	8.63	9.19	9.67	9.89	10.11	10.33	10.56	11.03	11.59	
20	174.81	11.21	7.18	Student	5.16	7.44	9.39	10.30	11.21	12.11	13.02	14.97	17.25	
	182.28	10.02	1.76	School	8.55	9.10	9.58	9.80	10.02	10.25	10.47	10.95	11.50	
25	177.37	10.90	7.18	Student	4.86	7.13	9.08	9.99	10.90	11.80	12.72	14.66	16.94	
	183.36	9.95	1.76	School	8.47	9.03	9.51	9.73	9.95	10.17	10.40	10.87	11.43	
30	179.67	10.62	7.18	Student	4.58	6.86	8.80	9.72	10.62	11.52	12.44	14.38	16.66	
	184.33	9.88	1.76	School	8.41	8.96	9.44	9.66	9.88	10.10	10.33	10.80	11.36	
35	181.81	10.36	7.18	Student	4.32	6.60	8.54	9.46	10.36	11.26	12.18	14.13	16.40	
	185.23	9.82	1.76	School	8.34	8.90	9.38	9.60	9.82	10.04	10.27	10.74	11.30	
40	183.83	10.12	7.18	Student	4.08	6.35	8.30	9.22	10.12	11.02	11.94	13.88	16.16	
	186.08	9.76	1.76	School	8.28	8.84	9.32	9.54	9.76	9.98	10.21	10.68	11.24	
45	185.79	9.88	7.18	Student	3.84	6.12	8.06	8.98	9.88	10.78	11.70	13.65	15.92	
	186.90	9.71	1.76	School	8.23	8.79	9.26	9.49	9.71	9.93	10.15	10.63	11.18	
50	187.71	9.65	7.18	Student	3.61	5.89	7.83	8.75	9.65	10.55	11.47	13.42	15.69	
	187.71	9.65	1.76	School	8.17	8.73	9.21	9.43	9.65	9.87	10.10	10.57	11.13	
55	189.64	9.42	7.18	Student	3.38	5.65	7.60	8.52	9.42	10.32	11.24	13.18	15.46	
	188.52	9.59	1.76	School	8.12	8.67	9.15	9.37	9.59	9.82	10.04	10.52	11.07	
60	191.59	9.18	7.18	Student	3.14	5.42	7.36	8.28	9.18	10.08	11.00	12.95	15.22	
	189.35	9.54	1.76	School	8.06	8.62	9.09	9.32	9.54	9.76	9.98	10.46	11.02	
65	193.62	8.94	7.18	Student	2.90	5.17	7.12	8.04	8.94	9.84	10.76	12.70	14.98	
	190.20	9.48	1.76	School	8.00	8.56	9.03	9.26	9.48	9.70	9.92	10.40	10.96	
70	195.75	8.68	7.18	Student	2.64	4.92	6.86	7.78	8.68	9.58	10.50	12.45	14.72	
	191.09	9.42	1.76	School	7.94	8.50	8.97	9.20	9.42	9.64	9.86	10.34	10.90	
75	198.05	8.40	7.18	Student	2.36	4.64	6.59	7.50	8.40	9.31	10.22	12.17	14.45	
	192.06	9.35	1.76	School	7.87	8.43	8.91	9.13	9.35	9.57	9.80	10.27	10.83	
80	200.61	8.10	7.18	Student	2.05	4.33	6.28	7.19	8.10	9.00	9.91	11.86	14.14	
	193.14	9.28	1.76	School	7.80	8.36	8.83	9.06	9.28	9.50	9.72	10.20	10.76	
85	203.60	7.74	7.18	Student	1.69	3.97	5.92	6.83	7.74	8.64	9.55	11.50	13.78	
	194.40	9.19	1.76	School	7.71	8.27	8.75	8.97	9.19	9.41	9.64	10.11	10.67	
90	207.35	7.28	7.18	Student	1.24	3.52	5.46	6.38	7.28	8.19	9.10	11.05	13.32	
	195.98	9.08	1.76	School	7.60	8.16	8.64	8.86	9.08	9.30	9.53	10.00	10.56	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.14: Language Usage Grade 3
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		Conditional Growth										
	RIT	Mean SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	176.38	4.25 4.91	Student	0.12	1.68	3.01	3.63	4.25	4.87	5.49	6.82	8.38	
	186.92	3.12 0.84	School	2.41	2.68	2.91	3.01	3.12	3.23	3.33	3.56	3.83	
15	179.97	4.05 4.91	Student	-0.08	1.47	2.80	3.43	4.05	4.66	5.29	6.62	8.18	
	188.49	3.13 0.84	School	2.42	2.69	2.92	3.03	3.13	3.24	3.35	3.57	3.84	
20	182.82	3.88 4.91	Student	-0.25	1.31	2.64	3.27	3.88	4.50	5.13	6.46	8.01	
	189.74	3.14 0.84	School	2.43	2.70	2.93	3.04	3.14	3.25	3.35	3.58	3.85	
25	185.27	3.74 4.91	Student	-0.38	1.17	2.50	3.13	3.74	4.36	4.99	6.32	7.87	
	190.81	3.15 0.84	School	2.44	2.71	2.94	3.04	3.15	3.26	3.36	3.59	3.86	
30	187.47	3.62 4.91	Student	-0.51	1.05	2.38	3.00	3.62	4.24	4.86	6.19	7.75	
	191.78	3.16 0.84	School	2.45	2.71	2.94	3.05	3.16	3.26	3.37	3.60	3.87	
35	189.50	3.50 4.91	Student	-0.63	0.93	2.26	2.89	3.50	4.12	4.75	6.08	7.63	
	192.67	3.16 0.84	School	2.45	2.72	2.95	3.06	3.16	3.27	3.38	3.61	3.87	
40	191.43	3.39 4.91	Student	-0.74	0.82	2.15	2.78	3.39	4.01	4.64	5.97	7.52	
	193.52	3.17 0.84	School	2.46	2.73	2.96	3.06	3.17	3.28	3.38	3.61	3.88	
45	193.30	3.29 4.91	Student	-0.84	0.71	2.04	2.67	3.29	3.90	4.53	5.86	7.42	
	194.34	3.18 0.84	School	2.47	2.73	2.96	3.07	3.18	3.28	3.39	3.62	3.89	
50	195.14	3.18 4.91	Student	-0.95	0.61	1.94	2.57	3.18	3.80	4.43	5.75	7.31	
	195.14	3.18 0.84	School	2.47	2.74	2.97	3.08	3.18	3.29	3.40	3.62	3.89	
55	196.98	3.08 4.91	Student	-1.05	0.50	1.83	2.46	3.08	3.69	4.32	5.65	7.21	
	195.95	3.19 0.84	School	2.48	2.75	2.97	3.08	3.19	3.29	3.40	3.63	3.90	
60	198.85	2.97 4.91	Student	-1.16	0.40	1.73	2.35	2.97	3.59	4.21	5.54	7.10	
	196.77	3.19 0.84	School	2.49	2.75	2.98	3.09	3.19	3.30	3.41	3.64	3.90	
65	200.78	2.86 4.91	Student	-1.27	0.29	1.62	2.24	2.86	3.48	4.10	5.43	6.99	
	197.62	3.20 0.84	School	2.49	2.76	2.99	3.09	3.20	3.31	3.41	3.64	3.91	
70	202.82	2.74 4.91	Student	-1.38	0.17	1.50	2.13	2.74	3.36	3.99	5.32	6.87	
	198.51	3.21 0.84	School	2.50	2.77	2.99	3.10	3.21	3.31	3.42	3.65	3.92	
75	205.02	2.62 4.91	Student	-1.51	0.05	1.38	2.00	2.62	3.24	3.86	5.19	6.75	
	199.47	3.22 0.84	School	2.51	2.77	3.00	3.11	3.22	3.32	3.43	3.66	3.92	
80	207.46	2.48 4.91	Student	-1.65	-0.09	1.24	1.86	2.48	3.10	3.72	5.05	6.61	
	200.54	3.22 0.84	School	2.51	2.78	3.01	3.12	3.22	3.33	3.44	3.67	3.93	
85	210.31	2.32 4.91	Student	-1.81	-0.26	1.07	1.70	2.32	2.93	3.56	4.89	6.45	
	201.79	3.23 0.84	School	2.52	2.79	3.02	3.13	3.23	3.34	3.45	3.67	3.94	
90	213.90	2.11 4.91	Student	-2.02	-0.46	0.87	1.50	2.11	2.73	3.36	4.69	6.24	
	203.37	3.24 0.84	School	2.54	2.80	3.03	3.14	3.24	3.35	3.46	3.69	3.95	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.15: Language Usage Grade 4
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	174.79	10.95	5.47	Student	6.35	8.08	9.57	10.27	10.95	11.64	12.34	13.82	15.56
	185.73	8.94	1.31	School	7.84	8.26	8.61	8.78	8.94	9.11	9.28	9.63	10.04
15	178.62	10.40	5.47	Student	5.79	7.53	9.01	9.71	10.40	11.09	11.79	13.27	15.01
	187.47	8.78	1.31	School	7.67	8.09	8.44	8.61	8.78	8.94	9.11	9.46	9.88
20	181.66	9.96	5.47	Student	5.35	7.09	8.57	9.27	9.96	10.65	11.35	12.83	14.57
	188.85	8.64	1.31	School	7.54	7.96	8.31	8.48	8.64	8.81	8.97	9.33	9.74
25	184.27	9.58	5.47	Student	4.98	6.71	8.20	8.90	9.58	10.27	10.97	12.45	14.19
	190.03	8.53	1.31	School	7.43	7.84	8.19	8.36	8.53	8.69	8.86	9.21	9.63
30	186.62	9.25	5.47	Student	4.64	6.38	7.86	8.56	9.25	9.93	10.63	12.12	13.85
	191.09	8.42	1.31	School	7.32	7.74	8.09	8.26	8.42	8.59	8.75	9.11	9.52
35	188.79	8.93	5.47	Student	4.33	6.06	7.54	8.24	8.93	9.62	10.32	11.80	13.54
	192.08	8.33	1.31	School	7.23	7.64	8.00	8.16	8.33	8.49	8.66	9.01	9.43
40	190.85	8.63	5.47	Student	4.03	5.76	7.25	7.95	8.63	9.32	10.02	11.50	13.24
	193.01	8.24	1.31	School	7.14	7.55	7.90	8.07	8.24	8.40	8.57	8.92	9.34
45	192.85	8.35	5.47	Student	3.74	5.48	6.96	7.66	8.35	9.03	9.73	11.22	12.95
	193.92	8.15	1.31	School	7.05	7.46	7.82	7.98	8.15	8.31	8.48	8.83	9.25
50	194.81	8.06	5.47	Student	3.46	5.19	6.68	7.37	8.06	8.75	9.45	10.93	12.67
	194.81	8.06	1.31	School	6.96	7.38	7.73	7.90	8.06	8.23	8.39	8.75	9.16
55	196.77	7.78	5.47	Student	3.17	4.91	6.39	7.09	7.78	8.47	9.17	10.65	12.38
	195.70	7.98	1.31	School	6.87	7.29	7.64	7.81	7.98	8.14	8.31	8.66	9.08
60	198.77	7.49	5.47	Student	2.88	4.62	6.10	6.80	7.49	8.18	8.88	10.36	12.10
	196.60	7.89	1.31	School	6.79	7.20	7.56	7.72	7.89	8.05	8.22	8.57	8.99
65	200.83	7.19	5.47	Student	2.59	4.32	5.81	6.51	7.19	7.88	8.58	10.06	11.80
	197.54	7.80	1.31	School	6.70	7.11	7.47	7.63	7.80	7.96	8.13	8.48	8.90
70	203.00	6.88	5.47	Student	2.27	4.01	5.49	6.19	6.88	7.57	8.27	9.75	11.48
	198.52	7.70	1.31	School	6.60	7.02	7.37	7.54	7.70	7.87	8.03	8.39	8.80
75	205.34	6.54	5.47	Student	1.93	3.67	5.15	5.85	6.54	7.23	7.93	9.41	11.15
	199.59	7.60	1.31	School	6.50	6.91	7.27	7.43	7.60	7.76	7.93	8.28	8.70
80	207.96	6.16	5.47	Student	1.56	3.29	4.78	5.48	6.16	6.85	7.55	9.03	10.77
	200.77	7.48	1.31	School	6.38	6.80	7.15	7.32	7.48	7.65	7.81	8.17	8.58
85	211.00	5.72	5.47	Student	1.12	2.85	4.34	5.04	5.72	6.41	7.11	8.59	10.33
	202.15	7.35	1.31	School	6.25	6.66	7.02	7.18	7.35	7.51	7.68	8.04	8.45
90	214.83	5.17	5.47	Student	0.56	2.30	3.78	4.48	5.17	5.86	6.56	8.04	9.78
	203.89	7.18	1.31	School	6.08	6.49	6.85	7.02	7.18	7.34	7.51	7.87	8.28

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.16: Language Usage Grade 4
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean SD		CGI	20	30	40	45	50	55	60	70	80
10	177.62	2.88	7.45	Student	-3.39	-1.03	0.99	1.94	2.88	3.82	4.77	6.79	9.15	
	188.66	0.54	2.16	School	-1.27	-0.59	-0.00	0.27	0.54	0.82	1.09	1.68	2.36	
15	181.49	2.23	7.45	Student	-4.04	-1.68	0.34	1.29	2.23	3.17	4.12	6.14	8.50	
	190.42	0.34	2.16	School	-1.48	-0.79	-0.21	0.07	0.34	0.61	0.89	1.47	2.16	
20	184.56	1.71	7.45	Student	-4.56	-2.19	-0.17	0.78	1.71	2.65	3.60	5.62	7.99	
	191.81	0.18	2.16	School	-1.64	-0.95	-0.37	-0.09	0.18	0.45	0.73	1.31	2.00	
25	187.20	1.27	7.45	Student	-5.00	-2.64	-0.62	0.33	1.27	2.21	3.16	5.18	7.54	
	193.01	0.04	2.16	School	-1.77	-1.09	-0.51	-0.23	0.04	0.31	0.59	1.17	1.86	
30	189.57	0.87	7.45	Student	-5.40	-3.04	-1.02	-0.06	0.87	1.81	2.76	4.78	7.15	
	194.09	-0.08	2.16	School	-1.90	-1.21	-0.63	-0.35	-0.08	0.19	0.46	1.05	1.73	
35	191.77	0.50	7.45	Student	-5.77	-3.40	-1.38	-0.43	0.50	1.44	2.39	4.41	6.78	
	195.09	-0.20	2.16	School	-2.01	-1.33	-0.74	-0.47	-0.20	0.07	0.35	0.93	1.62	
40	193.85	0.15	7.45	Student	-6.12	-3.75	-1.73	-0.78	0.15	1.09	2.04	4.06	6.43	
	196.03	-0.31	2.16	School	-2.12	-1.44	-0.85	-0.58	-0.31	-0.04	0.24	0.82	1.51	
45	195.87	-0.18	7.45	Student	-6.46	-4.09	-2.07	-1.12	-0.18	0.75	1.70	3.73	6.09	
	196.95	-0.41	2.16	School	-2.23	-1.54	-0.96	-0.68	-0.41	-0.14	0.13	0.72	1.40	
50	197.85	-0.52	7.45	Student	-6.79	-4.43	-2.41	-1.45	-0.52	0.42	1.37	3.39	5.76	
	197.85	-0.52	2.16	School	-2.33	-1.65	-1.06	-0.79	-0.52	-0.25	0.03	0.62	1.30	
55	199.83	-0.85	7.45	Student	-7.12	-4.76	-2.74	-1.79	-0.85	0.09	1.04	3.06	5.42	
	198.75	-0.62	2.16	School	-2.44	-1.75	-1.17	-0.89	-0.62	-0.35	-0.07	0.51	1.20	
60	201.85	-1.19	7.45	Student	-7.46	-5.10	-3.08	-2.12	-1.19	-0.25	0.70	2.72	5.09	
	199.67	-0.73	2.16	School	-2.54	-1.86	-1.27	-1.00	-0.73	-0.46	-0.18	0.41	1.09	
65	203.93	-1.54	7.45	Student	-7.81	-5.45	-3.43	-2.47	-1.54	-0.60	0.35	2.37	4.74	
	200.61	-0.84	2.16	School	-2.65	-1.97	-1.38	-1.11	-0.84	-0.56	-0.29	0.30	0.98	
70	206.13	-1.91	7.45	Student	-8.18	-5.82	-3.79	-2.84	-1.91	-0.97	-0.02	2.00	4.37	
	201.61	-0.95	2.16	School	-2.77	-2.08	-1.50	-1.22	-0.95	-0.68	-0.40	0.18	0.87	
75	208.50	-2.30	7.45	Student	-8.58	-6.21	-4.19	-3.24	-2.30	-1.37	-0.42	1.60	3.97	
	202.69	-1.07	2.16	School	-2.89	-2.21	-1.62	-1.35	-1.07	-0.80	-0.53	0.06	0.74	
80	211.13	-2.75	7.45	Student	-9.02	-6.66	-4.64	-3.68	-2.75	-1.81	-0.86	1.16	3.53	
	203.88	-1.21	2.16	School	-3.03	-2.35	-1.76	-1.48	-1.21	-0.94	-0.67	-0.08	0.60	
85	214.21	-3.26	7.45	Student	-9.54	-7.17	-5.15	-4.20	-3.26	-2.33	-1.38	0.65	3.01	
	205.28	-1.37	2.16	School	-3.19	-2.51	-1.92	-1.65	-1.37	-1.10	-0.83	-0.24	0.44	
90	218.08	-3.91	7.45	Student	-10.2	-7.82	-5.80	-4.85	-3.91	-2.98	-2.03	-0.00	2.36	
	207.04	-1.58	2.16	School	-3.39	-2.71	-2.12	-1.85	-1.58	-1.31	-1.03	-0.45	0.24	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.17: Language Usage Grade 4
Last Spring To Spring Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth							
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70
10	177.62	10.68	5.95	Student	5.67	7.56	9.17	9.93	10.68	11.43	12.19	13.80	15.69
	188.66	8.28	1.62	School	6.92	7.43	7.87	8.08	8.28	8.48	8.69	9.13	9.64
15	181.49	10.00	5.95	Student	4.99	6.88	8.50	9.26	10.00	10.75	11.51	13.13	15.02
	190.42	8.06	1.62	School	6.70	7.22	7.65	7.86	8.06	8.27	8.47	8.91	9.43
20	184.56	9.47	5.95	Student	4.46	6.35	7.96	8.72	9.47	10.22	10.98	12.59	14.48
	191.81	7.89	1.62	School	6.53	7.04	7.48	7.69	7.89	8.10	8.30	8.74	9.26
25	187.20	9.01	5.95	Student	4.00	5.89	7.50	8.26	9.01	9.76	10.52	12.13	14.02
	193.01	7.75	1.62	School	6.38	6.90	7.34	7.54	7.75	7.95	8.16	8.60	9.11
30	189.57	8.60	5.95	Student	3.58	5.47	7.09	7.85	8.60	9.34	10.10	11.72	13.61
	194.09	7.61	1.62	School	6.25	6.77	7.20	7.41	7.61	7.82	8.02	8.46	8.98
35	191.77	8.21	5.95	Student	3.20	5.09	6.71	7.47	8.21	8.96	9.72	11.34	13.23
	195.09	7.49	1.62	School	6.13	6.64	7.08	7.29	7.49	7.70	7.90	8.34	8.86
40	193.85	7.85	5.95	Student	2.84	4.73	6.34	7.10	7.85	8.60	9.36	10.97	12.86
	196.03	7.38	1.62	School	6.01	6.53	6.97	7.17	7.38	7.58	7.79	8.23	8.74
45	195.87	7.50	5.95	Student	2.49	4.38	5.99	6.75	7.50	8.25	9.01	10.62	12.51
	196.95	7.26	1.62	School	5.90	6.42	6.85	7.06	7.26	7.47	7.67	8.11	8.63
50	197.85	7.15	5.95	Student	2.14	4.03	5.65	6.41	7.15	7.90	8.66	10.28	12.17
	197.85	7.15	1.62	School	5.79	6.31	6.74	6.95	7.15	7.36	7.56	8.00	8.52
55	199.83	6.81	5.95	Student	1.80	3.69	5.30	6.06	6.81	7.56	8.32	9.93	11.82
	198.75	7.04	1.62	School	5.68	6.19	6.63	6.84	7.04	7.25	7.45	7.89	8.41
60	201.85	6.46	5.95	Student	1.45	3.33	4.95	5.71	6.46	7.21	7.97	9.58	11.47
	199.67	6.93	1.62	School	5.57	6.08	6.52	6.73	6.93	7.14	7.34	7.78	8.29
65	203.93	6.09	5.95	Student	1.08	2.97	4.59	5.35	6.09	6.84	7.60	9.22	11.11
	200.61	6.82	1.62	School	5.45	5.97	6.41	6.61	6.82	7.02	7.23	7.66	8.18
70	206.13	5.71	5.95	Student	0.70	2.59	4.20	4.96	5.71	6.46	7.22	8.83	10.72
	201.61	6.69	1.62	School	5.33	5.84	6.28	6.49	6.69	6.90	7.10	7.54	8.06
75	208.50	5.30	5.95	Student	0.29	2.18	3.79	4.55	5.30	6.05	6.81	8.42	10.31
	202.69	6.56	1.62	School	5.20	5.71	6.15	6.36	6.56	6.77	6.97	7.41	7.92
80	211.13	4.84	5.95	Student	-0.17	1.72	3.33	4.09	4.84	5.59	6.35	7.96	9.85
	203.88	6.42	1.62	School	5.05	5.57	6.00	6.21	6.42	6.62	6.83	7.26	7.78
85	214.21	4.30	5.95	Student	-0.71	1.18	2.80	3.56	4.30	5.05	5.81	7.43	9.32
	205.28	6.24	1.62	School	4.88	5.39	5.83	6.04	6.24	6.45	6.65	7.09	7.61
90	218.08	3.63	5.95	Student	-1.38	0.51	2.12	2.88	3.63	4.38	5.14	6.75	8.64
	207.04	6.03	1.62	School	4.67	5.18	5.62	5.83	6.03	6.23	6.44	6.88	7.39

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.18: Language Usage Grade 4
Fall To Winter Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	177.98	7.50	4.94	Student	3.34	4.91	6.25	6.88	7.50	8.12	8.75	10.09	11.66	
	188.75	5.85	0.98	School	5.03	5.34	5.61	5.73	5.85	5.98	6.10	6.37	6.68	
15	181.68	7.13	4.94	Student	2.97	4.54	5.87	6.50	7.13	7.75	8.38	9.71	11.28	
	190.39	5.79	0.98	School	4.97	5.28	5.55	5.67	5.79	5.92	6.04	6.31	6.62	
20	184.62	6.83	4.94	Student	2.67	4.24	5.58	6.21	6.83	7.45	8.08	9.42	10.98	
	191.69	5.75	0.98	School	4.92	5.23	5.50	5.62	5.75	5.87	5.99	6.26	6.57	
25	187.15	6.57	4.94	Student	2.42	3.98	5.32	5.95	6.57	7.19	7.82	9.16	10.73	
	192.81	5.70	0.98	School	4.88	5.19	5.46	5.58	5.70	5.83	5.95	6.22	6.53	
30	189.41	6.34	4.94	Student	2.19	3.75	5.09	5.72	6.34	6.96	7.59	8.93	10.50	
	193.82	5.67	0.98	School	4.85	5.16	5.42	5.55	5.67	5.79	5.92	6.18	6.49	
35	191.51	6.13	4.94	Student	1.97	3.54	4.88	5.51	6.13	6.75	7.38	8.72	10.28	
	194.75	5.63	0.98	School	4.81	5.12	5.39	5.51	5.63	5.76	5.88	6.15	6.46	
40	193.51	5.93	4.94	Student	1.77	3.34	4.68	5.31	5.93	6.55	7.18	8.52	10.08	
	195.63	5.60	0.98	School	4.78	5.09	5.35	5.48	5.60	5.72	5.85	6.11	6.42	
45	195.43	5.73	4.94	Student	1.58	3.14	4.48	5.11	5.73	6.35	6.98	8.32	9.89	
	196.49	5.57	0.98	School	4.75	5.06	5.32	5.45	5.57	5.69	5.82	6.08	6.39	
50	197.33	5.54	4.94	Student	1.38	2.95	4.29	4.92	5.54	6.16	6.79	8.13	9.69	
	197.33	5.54	0.98	School	4.72	5.03	5.29	5.42	5.54	5.66	5.79	6.05	6.36	
55	199.23	5.35	4.94	Student	1.19	2.76	4.10	4.73	5.35	5.97	6.60	7.94	9.50	
	198.17	5.51	0.98	School	4.69	5.00	5.26	5.38	5.51	5.63	5.76	6.02	6.33	
60	201.16	5.15	4.94	Student	0.99	2.56	3.90	4.53	5.15	5.77	6.40	7.74	9.31	
	199.03	5.48	0.98	School	4.65	4.96	5.23	5.35	5.48	5.60	5.72	5.99	6.30	
65	203.15	4.95	4.94	Student	0.79	2.36	3.70	4.33	4.95	5.57	6.20	7.54	9.10	
	199.91	5.44	0.98	School	4.62	4.93	5.20	5.32	5.44	5.57	5.69	5.96	6.27	
70	205.25	4.74	4.94	Student	0.58	2.15	3.48	4.12	4.74	5.36	5.99	7.33	8.89	
	200.85	5.41	0.98	School	4.59	4.90	5.16	5.29	5.41	5.53	5.66	5.92	6.23	
75	207.52	4.51	4.94	Student	0.35	1.92	3.26	3.89	4.51	5.13	5.76	7.10	8.66	
	201.85	5.37	0.98	School	4.55	4.86	5.12	5.25	5.37	5.50	5.62	5.88	6.19	
80	210.04	4.25	4.94	Student	0.09	1.66	3.00	3.63	4.25	4.87	5.50	6.84	8.41	
	202.97	5.33	0.98	School	4.51	4.82	5.08	5.21	5.33	5.45	5.58	5.84	6.15	
85	212.98	3.95	4.94	Student	-0.20	1.36	2.70	3.33	3.95	4.57	5.20	6.54	8.11	
	204.28	5.28	0.98	School	4.46	4.77	5.04	5.16	5.28	5.41	5.53	5.80	6.11	
90	216.69	3.58	4.94	Student	-0.58	0.99	2.33	2.96	3.58	4.20	4.83	6.17	7.73	
	205.92	5.22	0.98	School	4.40	4.71	4.98	5.10	5.22	5.35	5.47	5.73	6.04	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.19: Language Usage Grade 4
Fall To Spring Conditional Growth Percentile

Start %ile	Status		Growth		Conditional Growth									
	RIT	Mean	SD	CGP	CGI	20	30	40	45	50	55	60	70	80
10	177.98	10.53	6.30	Student	5.23	7.23	8.93	9.74	10.53	11.32	12.13	13.84	15.84	
	188.75	8.22	1.71	School	6.79	7.33	7.79	8.01	8.22	8.44	8.66	9.12	9.66	
15	181.68	9.98	6.30	Student	4.68	6.68	8.39	9.19	9.98	10.78	11.58	13.29	15.29	
	190.39	8.12	1.71	School	6.68	7.22	7.69	7.90	8.12	8.33	8.55	9.01	9.56	
20	184.62	9.55	6.30	Student	4.24	6.24	7.95	8.76	9.55	10.34	11.15	12.86	14.85	
	191.69	8.03	1.71	School	6.60	7.14	7.60	7.82	8.03	8.25	8.47	8.93	9.47	
25	187.15	9.18	6.30	Student	3.87	5.87	7.58	8.38	9.18	9.97	10.77	12.48	14.48	
	192.81	7.96	1.71	School	6.52	7.07	7.53	7.75	7.96	8.18	8.39	8.86	9.40	
30	189.41	8.84	6.30	Student	3.54	5.54	7.24	8.05	8.84	9.63	10.44	12.15	14.15	
	193.82	7.90	1.71	School	6.46	7.00	7.46	7.68	7.90	8.11	8.33	8.79	9.34	
35	191.51	8.53	6.30	Student	3.23	5.23	6.93	7.74	8.53	9.32	10.13	11.84	13.84	
	194.75	7.84	1.71	School	6.40	6.94	7.40	7.62	7.84	8.05	8.27	8.73	9.28	
40	193.51	8.24	6.30	Student	2.93	4.93	6.64	7.44	8.24	9.03	9.83	11.54	13.54	
	195.63	7.78	1.71	School	6.34	6.88	7.35	7.57	7.78	7.99	8.21	8.68	9.22	
45	195.43	7.95	6.30	Student	2.65	4.65	6.35	7.16	7.95	8.74	9.55	11.26	13.26	
	196.49	7.73	1.71	School	6.29	6.83	7.29	7.51	7.73	7.94	8.16	8.62	9.16	
50	197.33	7.67	6.30	Student	2.37	4.37	6.07	6.88	7.67	8.46	9.27	10.98	12.98	
	197.33	7.67	1.71	School	6.23	6.77	7.24	7.46	7.67	7.89	8.10	8.57	9.11	
55	199.23	7.39	6.30	Student	2.08	4.08	5.79	6.60	7.39	8.18	8.99	10.70	12.70	
	198.17	7.62	1.71	School	6.18	6.72	7.18	7.40	7.62	7.83	8.05	8.51	9.05	
60	201.16	7.11	6.30	Student	1.80	3.80	5.51	6.31	7.11	7.90	8.70	10.41	12.41	
	199.03	7.56	1.71	School	6.12	6.67	7.13	7.35	7.56	7.78	7.99	8.46	9.00	
65	203.15	6.81	6.30	Student	1.51	3.51	5.21	6.02	6.81	7.60	8.41	10.12	12.12	
	199.91	7.50	1.71	School	6.07	6.61	7.07	7.29	7.50	7.72	7.94	8.40	8.94	
70	205.25	6.50	6.30	Student	1.19	3.19	4.90	5.71	6.50	7.29	8.10	9.81	11.81	
	200.85	7.44	1.71	School	6.01	6.55	7.01	7.23	7.44	7.66	7.88	8.34	8.88	
75	207.52	6.17	6.30	Student	0.86	2.86	4.57	5.37	6.17	6.96	7.76	9.47	11.47	
	201.85	7.38	1.71	School	5.94	6.48	6.95	7.17	7.38	7.59	7.81	8.28	8.82	
80	210.04	5.79	6.30	Student	0.49	2.49	4.20	5.00	5.79	6.58	7.39	9.10	11.10	
	202.97	7.31	1.71	School	5.87	6.41	6.87	7.09	7.31	7.52	7.74	8.20	8.75	
85	212.98	5.36	6.30	Student	0.05	2.05	3.76	4.57	5.36	6.15	6.95	8.66	10.66	
	204.28	7.22	1.71	School	5.79	6.33	6.79	7.01	7.22	7.44	7.66	8.12	8.66	
90	216.69	4.81	6.30	Student	-0.50	1.50	3.21	4.02	4.81	5.60	6.41	8.12	10.12	
	205.92	7.12	1.71	School	5.68	6.22	6.68	6.90	7.12	7.33	7.55	8.01	8.56	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.20: Language Usage Grade 4
Fall To N Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean		SD	CGI	20	30	40	45	50	55	60	70
10	177.98	8.81	6.50	Student	3.34	5.40	7.16	7.99	8.81	9.63	10.46	12.22	14.28	
	188.75	7.56	1.57	School	6.24	6.74	7.16	7.36	7.56	7.76	7.96	8.38	8.88	
15	181.68	8.47	6.50	Student	3.00	5.06	6.82	7.65	8.47	9.28	10.11	11.88	13.94	
	190.39	7.46	1.57	School	6.13	6.63	7.06	7.26	7.46	7.65	7.85	8.28	8.78	
20	184.62	8.19	6.50	Student	2.72	4.78	6.55	7.38	8.19	9.01	9.84	11.60	13.66	
	191.69	7.37	1.57	School	6.05	6.55	6.97	7.17	7.37	7.57	7.77	8.19	8.69	
25	187.15	7.96	6.50	Student	2.49	4.55	6.31	7.14	7.96	8.77	9.60	11.37	13.43	
	192.81	7.30	1.57	School	5.98	6.48	6.90	7.10	7.30	7.50	7.70	8.12	8.62	
30	189.41	7.75	6.50	Student	2.28	4.34	6.10	6.93	7.75	8.56	9.39	11.16	13.22	
	193.82	7.23	1.57	School	5.91	6.41	6.84	7.04	7.23	7.43	7.63	8.06	8.55	
35	191.51	7.55	6.50	Student	2.08	4.14	5.90	6.73	7.55	8.37	9.20	10.96	13.02	
	194.75	7.17	1.57	School	5.85	6.35	6.78	6.98	7.17	7.37	7.57	8.00	8.49	
40	193.51	7.37	6.50	Student	1.89	3.96	5.72	6.55	7.37	8.18	9.01	10.77	12.84	
	195.63	7.12	1.57	School	5.80	6.30	6.72	6.92	7.12	7.31	7.52	7.94	8.44	
45	195.43	7.19	6.50	Student	1.71	3.78	5.54	6.37	7.19	8.00	8.83	10.59	12.66	
	196.49	7.06	1.57	School	5.74	6.24	6.67	6.87	7.06	7.26	7.46	7.89	8.38	
50	197.33	7.01	6.50	Student	1.54	3.60	5.36	6.19	7.01	7.83	8.66	10.42	12.48	
	197.33	7.01	1.57	School	5.69	6.19	6.61	6.81	7.01	7.21	7.41	7.83	8.33	
55	199.23	6.83	6.50	Student	1.36	3.42	5.19	6.02	6.83	7.65	8.48	10.24	12.30	
	198.17	6.95	1.57	School	5.63	6.13	6.56	6.76	6.95	7.15	7.35	7.78	8.27	
60	201.16	6.65	6.50	Student	1.18	3.24	5.01	5.84	6.65	7.47	8.30	10.06	12.12	
	199.03	6.90	1.57	School	5.58	6.08	6.50	6.70	6.90	7.10	7.30	7.72	8.22	
65	203.15	6.47	6.50	Student	1.00	3.06	4.82	5.65	6.47	7.28	8.11	9.88	11.94	
	199.91	6.84	1.57	School	5.52	6.02	6.45	6.65	6.84	7.04	7.24	7.67	8.16	
70	205.25	6.27	6.50	Student	0.80	2.86	4.62	5.45	6.27	7.09	7.92	9.68	11.74	
	200.85	6.78	1.57	School	5.46	5.96	6.39	6.59	6.78	6.98	7.18	7.61	8.10	
75	207.52	6.06	6.50	Student	0.59	2.65	4.41	5.24	6.06	6.88	7.71	9.47	11.53	
	201.85	6.72	1.57	School	5.40	5.90	6.32	6.52	6.72	6.92	7.12	7.54	8.04	
80	210.04	5.82	6.50	Student	0.35	2.42	4.18	5.01	5.82	6.64	7.47	9.23	11.30	
	202.97	6.65	1.57	School	5.33	5.82	6.25	6.45	6.65	6.84	7.04	7.47	7.97	
85	212.98	5.55	6.50	Student	0.08	2.14	3.90	4.73	5.55	6.37	7.20	8.96	11.02	
	204.28	6.56	1.57	School	5.24	5.74	6.16	6.37	6.56	6.76	6.96	7.38	7.88	
90	216.69	5.21	6.50	Student	-0.27	1.80	3.56	4.39	5.21	6.02	6.85	8.61	10.68	
	205.92	6.46	1.57	School	5.14	5.63	6.06	6.26	6.46	6.65	6.85	7.28	7.78	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.21: Language Usage Grade 4
Winter To Spring Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	184.36	3.29	4.70	Student	-0.67	0.83	2.10	2.70	3.29	3.88	4.48	5.75	7.25		
	194.51	2.23	0.75	School	1.59	1.83	2.04	2.13	2.23	2.32	2.42	2.62	2.86		
15	187.90	3.07	4.70	Student	-0.89	0.60	1.88	2.48	3.07	3.66	4.26	5.53	7.02		
	196.11	2.21	0.75	School	1.58	1.81	2.02	2.11	2.21	2.30	2.40	2.60	2.84		
20	190.72	2.89	4.70	Student	-1.06	0.43	1.70	2.30	2.89	3.48	4.08	5.36	6.85		
	197.38	2.19	0.75	School	1.56	1.80	2.00	2.10	2.19	2.29	2.38	2.59	2.83		
25	193.13	2.74	4.70	Student	-1.21	0.28	1.55	2.15	2.74	3.33	3.93	5.21	6.70		
	198.47	2.18	0.75	School	1.55	1.79	1.99	2.09	2.18	2.28	2.37	2.58	2.81		
30	195.30	2.61	4.70	Student	-1.35	0.14	1.42	2.02	2.61	3.20	3.80	5.07	6.56		
	199.45	2.17	0.75	School	1.54	1.78	1.98	2.08	2.17	2.27	2.36	2.57	2.80		
35	197.31	2.48	4.70	Student	-1.48	0.02	1.29	1.89	2.48	3.07	3.67	4.95	6.44		
	200.36	2.16	0.75	School	1.53	1.77	1.97	2.07	2.16	2.25	2.35	2.55	2.79		
40	199.21	2.36	4.70	Student	-1.59	-0.10	1.17	1.77	2.36	2.95	3.55	4.83	6.32		
	201.22	2.15	0.75	School	1.52	1.76	1.96	2.06	2.15	2.25	2.34	2.55	2.78		
45	201.06	2.25	4.70	Student	-1.71	-0.22	1.05	1.66	2.25	2.84	3.44	4.71	6.20		
	202.05	2.14	0.75	School	1.51	1.75	1.95	2.05	2.14	2.24	2.33	2.54	2.77		
50	202.87	2.13	4.70	Student	-1.82	-0.33	0.94	1.54	2.13	2.72	3.32	4.60	6.09		
	202.87	2.13	0.75	School	1.50	1.74	1.94	2.04	2.13	2.23	2.32	2.53	2.77		
55	204.69	2.02	4.70	Student	-1.94	-0.45	0.83	1.43	2.02	2.61	3.21	4.48	5.97		
	203.69	2.12	0.75	School	1.49	1.73	1.93	2.03	2.12	2.22	2.31	2.52	2.76		
60	206.53	1.90	4.70	Student	-2.05	-0.56	0.71	1.31	1.90	2.49	3.09	4.37	5.86		
	204.52	2.11	0.75	School	1.48	1.72	1.92	2.02	2.11	2.21	2.30	2.51	2.75		
65	208.44	1.78	4.70	Student	-2.17	-0.68	0.59	1.19	1.78	2.37	2.97	4.25	5.74		
	205.39	2.10	0.75	School	1.47	1.71	1.91	2.01	2.10	2.20	2.29	2.50	2.74		
70	210.44	1.66	4.70	Student	-2.30	-0.81	0.47	1.07	1.66	2.25	2.85	4.12	5.61		
	206.29	2.09	0.75	School	1.46	1.70	1.90	2.00	2.09	2.19	2.28	2.49	2.73		
75	212.61	1.52	4.70	Student	-2.43	-0.94	0.33	0.93	1.52	2.11	2.71	3.99	5.48		
	207.27	2.08	0.75	School	1.45	1.69	1.89	1.99	2.08	2.18	2.27	2.48	2.72		
80	215.03	1.37	4.70	Student	-2.58	-1.09	0.18	0.78	1.37	1.96	2.56	3.84	5.33		
	208.36	2.07	0.75	School	1.44	1.68	1.88	1.98	2.07	2.17	2.26	2.46	2.70		
85	217.84	1.20	4.70	Student	-2.76	-1.27	0.01	0.61	1.20	1.79	2.39	3.66	5.15		
	209.64	2.06	0.75	School	1.42	1.66	1.87	1.96	2.06	2.15	2.25	2.45	2.69		
90	221.38	0.97	4.70	Student	-2.98	-1.49	-0.22	0.38	0.97	1.57	2.17	3.44	4.93		
	211.24	2.04	0.75	School	1.41	1.64	1.85	1.94	2.04	2.13	2.23	2.43	2.67		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.22: Language Usage Grade 5
Last Winter To Winter Conditional Growth Percentile

Start Status	Growth	Conditional Growth											
		CGP	20	30	40	45	50	55	60	70	80		
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	183.63	8.40	5.58	Student	3.71	5.48	6.99	7.70	8.40	9.10	9.81	11.33	13.10
	194.13	6.47	1.35	School	5.33	5.76	6.12	6.30	6.47	6.64	6.81	7.17	7.60
15	187.25	7.91	5.58	Student	3.22	4.99	6.50	7.21	7.91	8.62	9.33	10.84	12.61
	195.75	6.35	1.35	School	5.21	5.64	6.01	6.18	6.35	6.52	6.69	7.06	7.49
20	190.14	7.53	5.58	Student	2.83	4.60	6.11	6.83	7.53	8.23	8.94	10.45	12.22
	197.03	6.26	1.35	School	5.12	5.55	5.91	6.09	6.26	6.43	6.60	6.96	7.39
25	192.61	7.20	5.58	Student	2.50	4.27	5.78	6.49	7.20	7.90	8.61	10.12	11.89
	198.14	6.18	1.35	School	5.04	5.47	5.84	6.01	6.18	6.35	6.52	6.89	7.31
30	194.83	6.90	5.58	Student	2.20	3.97	5.48	6.20	6.90	7.60	8.31	9.82	11.59
	199.13	6.11	1.35	School	4.97	5.40	5.76	5.94	6.11	6.28	6.45	6.81	7.24
35	196.89	6.62	5.58	Student	1.93	3.70	5.21	5.92	6.62	7.32	8.03	9.55	11.32
	200.05	6.04	1.35	School	4.90	5.33	5.70	5.87	6.04	6.21	6.38	6.75	7.18
40	198.84	6.36	5.58	Student	1.66	3.43	4.95	5.66	6.36	7.06	7.77	9.28	11.05
	200.92	5.98	1.35	School	4.84	5.27	5.63	5.81	5.98	6.15	6.32	6.68	7.11
45	200.73	6.11	5.58	Student	1.41	3.18	4.69	5.40	6.11	6.81	7.52	9.03	10.80
	201.76	5.92	1.35	School	4.78	5.21	5.57	5.75	5.92	6.09	6.26	6.62	7.05
50	202.59	5.86	5.58	Student	1.16	2.93	4.44	5.16	5.86	6.56	7.27	8.78	10.55
	202.59	5.86	1.35	School	4.72	5.15	5.51	5.69	5.86	6.03	6.20	6.56	6.99
55	204.45	5.61	5.58	Student	0.91	2.68	4.19	4.91	5.61	6.31	7.02	8.53	10.30
	203.42	5.80	1.35	School	4.66	5.09	5.45	5.63	5.80	5.97	6.14	6.50	6.93
60	206.34	5.35	5.58	Student	0.66	2.43	3.94	4.65	5.35	6.05	6.77	8.28	10.05
	204.27	5.74	1.35	School	4.60	5.03	5.39	5.57	5.74	5.91	6.08	6.44	6.87
65	208.30	5.09	5.58	Student	0.40	2.17	3.68	4.39	5.09	5.79	6.50	8.02	9.79
	205.14	5.67	1.35	School	4.54	4.96	5.33	5.50	5.67	5.84	6.01	6.38	6.81
70	210.35	4.81	5.58	Student	0.12	1.89	3.40	4.11	4.81	5.52	6.23	7.74	9.51
	206.06	5.61	1.35	School	4.47	4.90	5.26	5.44	5.61	5.78	5.95	6.31	6.74
75	212.58	4.52	5.58	Student	-0.18	1.59	3.10	3.82	4.52	5.22	5.93	7.44	9.21
	207.05	5.53	1.35	School	4.40	4.83	5.19	5.37	5.53	5.70	5.88	6.24	6.67
80	215.05	4.18	5.58	Student	-0.51	1.26	2.77	3.48	4.18	4.89	5.60	7.11	8.88
	208.15	5.46	1.35	School	4.32	4.75	5.11	5.29	5.46	5.63	5.80	6.16	6.59
85	217.93	3.80	5.58	Student	-0.90	0.87	2.38	3.10	3.80	4.50	5.21	6.72	8.49
	209.44	5.36	1.35	School	4.23	4.65	5.02	5.19	5.36	5.53	5.70	6.07	6.50
90	221.56	3.31	5.58	Student	-1.38	0.39	1.90	2.61	3.31	4.01	4.72	6.24	8.01
	211.06	5.25	1.35	School	4.11	4.54	4.90	5.08	5.25	5.42	5.59	5.95	6.38

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.23: Language Usage Grade 5
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean SD		CGI	20	30	40	45	50	55	60	70	80
10	185.98	1.94	7.13	Student	-4.06	-1.80	0.13	1.04	1.94	2.84	3.75	5.68	7.94	
	196.47	-0.13	1.83	School	-1.67	-1.09	-0.60	-0.36	-0.13	0.10	0.33	0.83	1.41	
15	189.61	1.42	7.13	Student	-4.58	-2.32	-0.39	0.52	1.42	2.32	3.23	5.16	7.42	
	198.09	-0.25	1.83	School	-1.79	-1.21	-0.72	-0.48	-0.25	-0.02	0.21	0.71	1.29	
20	192.49	1.01	7.13	Student	-4.99	-2.73	-0.80	0.11	1.01	1.90	2.81	4.75	7.01	
	199.38	-0.35	1.83	School	-1.89	-1.31	-0.82	-0.58	-0.35	-0.12	0.11	0.61	1.19	
25	194.97	0.65	7.13	Student	-5.34	-3.08	-1.15	-0.24	0.65	1.55	2.46	4.39	6.65	
	200.49	-0.44	1.83	School	-1.98	-1.39	-0.90	-0.67	-0.44	-0.21	0.03	0.52	1.10	
30	197.19	0.34	7.13	Student	-5.66	-3.40	-1.47	-0.56	0.34	1.23	2.14	4.07	6.34	
	201.48	-0.51	1.83	School	-2.05	-1.47	-0.97	-0.74	-0.51	-0.28	-0.05	0.45	1.03	
35	199.25	0.04	7.13	Student	-5.96	-3.70	-1.76	-0.85	0.04	0.94	1.85	3.78	6.04	
	202.40	-0.58	1.83	School	-2.12	-1.54	-1.04	-0.81	-0.58	-0.35	-0.12	0.38	0.96	
40	201.20	-0.24	7.13	Student	-6.24	-3.97	-2.04	-1.13	-0.24	0.66	1.57	3.50	5.76	
	203.27	-0.65	1.83	School	-2.19	-1.61	-1.11	-0.88	-0.65	-0.42	-0.18	0.31	0.89	
45	203.09	-0.51	7.13	Student	-6.51	-4.24	-2.31	-1.40	-0.51	0.39	1.30	3.23	5.49	
	204.12	-0.71	1.83	School	-2.25	-1.67	-1.17	-0.94	-0.71	-0.48	-0.25	0.25	0.83	
50	204.95	-0.77	7.13	Student	-6.77	-4.51	-2.58	-1.67	-0.77	0.12	1.03	2.96	5.23	
	204.95	-0.77	1.83	School	-2.31	-1.73	-1.24	-1.00	-0.77	-0.54	-0.31	0.19	0.77	
55	206.81	-1.04	7.13	Student	-7.04	-4.78	-2.84	-1.93	-1.04	-0.14	0.77	2.70	4.96	
	205.78	-0.84	1.83	School	-2.38	-1.80	-1.30	-1.07	-0.84	-0.61	-0.37	0.12	0.70	
60	208.70	-1.31	7.13	Student	-7.31	-5.05	-3.11	-2.20	-1.31	-0.41	0.50	2.43	4.69	
	206.62	-0.90	1.83	School	-2.44	-1.86	-1.36	-1.13	-0.90	-0.67	-0.44	0.06	0.64	
65	210.65	-1.59	7.13	Student	-7.59	-5.33	-3.39	-2.48	-1.59	-0.69	0.22	2.15	4.41	
	207.50	-0.97	1.83	School	-2.51	-1.93	-1.43	-1.20	-0.97	-0.74	-0.50	-0.01	0.57	
70	212.71	-1.88	7.13	Student	-7.88	-5.62	-3.69	-2.78	-1.88	-0.99	-0.08	1.85	4.12	
	208.42	-1.04	1.83	School	-2.58	-2.00	-1.50	-1.27	-1.04	-0.81	-0.57	-0.08	0.50	
75	214.93	-2.20	7.13	Student	-8.20	-5.94	-4.01	-3.10	-2.20	-1.31	-0.40	1.54	3.80	
	209.41	-1.11	1.83	School	-2.65	-2.07	-1.57	-1.34	-1.11	-0.88	-0.65	-0.15	0.43	
80	217.40	-2.55	7.13	Student	-8.55	-6.29	-4.36	-3.45	-2.55	-1.66	-0.75	1.18	3.44	
	210.51	-1.19	1.83	School	-2.73	-2.15	-1.66	-1.42	-1.19	-0.96	-0.73	-0.23	0.35	
85	220.28	-2.97	7.13	Student	-8.97	-6.70	-4.77	-3.86	-2.97	-2.07	-1.16	0.77	3.03	
	211.80	-1.29	1.83	School	-2.83	-2.25	-1.76	-1.52	-1.29	-1.06	-0.83	-0.33	0.25	
90	223.91	-3.49	7.13	Student	-9.48	-7.22	-5.29	-4.38	-3.49	-2.59	-1.68	0.25	2.51	
	213.42	-1.41	1.83	School	-2.95	-2.37	-1.88	-1.64	-1.41	-1.18	-0.95	-0.46	0.13	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.24: Language Usage Grade 5
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	185.98	8.14	5.99	Student	3.09	5.00	6.62	7.38	8.14	8.89	9.66	11.28	13.18	
	196.47	5.96	1.69	School	4.54	5.07	5.53	5.75	5.96	6.17	6.39	6.85	7.38	
15	189.61	7.58	5.99	Student	2.54	4.44	6.07	6.83	7.58	8.34	9.10	10.73	12.63	
	198.09	5.82	1.69	School	4.40	4.94	5.40	5.61	5.82	6.04	6.25	6.71	7.25	
20	192.49	7.14	5.99	Student	2.10	4.00	5.63	6.39	7.14	7.90	8.66	10.29	12.19	
	199.38	5.71	1.69	School	4.29	4.83	5.29	5.50	5.71	5.93	6.14	6.60	7.14	
25	194.97	6.77	5.99	Student	1.72	3.62	5.25	6.01	6.77	7.52	8.28	9.91	11.81	
	200.49	5.62	1.69	School	4.20	4.73	5.19	5.41	5.62	5.83	6.05	6.51	7.04	
30	197.19	6.43	5.99	Student	1.38	3.29	4.91	5.67	6.43	7.18	7.95	9.57	11.47	
	201.48	5.54	1.69	School	4.11	4.65	5.11	5.32	5.54	5.75	5.96	6.42	6.96	
35	199.25	6.11	5.99	Student	1.07	2.97	4.60	5.36	6.11	6.87	7.63	9.26	11.16	
	202.40	5.46	1.69	School	4.04	4.57	5.03	5.25	5.46	5.67	5.89	6.34	6.88	
40	201.20	5.82	5.99	Student	0.77	2.67	4.30	5.06	5.82	6.57	7.33	8.96	10.86	
	203.27	5.39	1.69	School	3.96	4.50	4.96	5.17	5.39	5.60	5.81	6.27	6.81	
45	203.09	5.53	5.99	Student	0.48	2.39	4.01	4.77	5.53	6.28	7.05	8.67	10.57	
	204.12	5.31	1.69	School	3.89	4.43	4.89	5.10	5.31	5.53	5.74	6.20	6.74	
50	204.95	5.24	5.99	Student	0.20	2.10	3.73	4.49	5.24	6.00	6.76	8.39	10.29	
	204.95	5.24	1.69	School	3.82	4.36	4.82	5.03	5.24	5.46	5.67	6.13	6.67	
55	206.81	4.96	5.99	Student	-0.08	1.82	3.44	4.21	4.96	5.71	6.48	8.10	10.00	
	205.78	5.17	1.69	School	3.75	4.29	4.74	4.96	5.17	5.39	5.60	6.06	6.60	
60	208.70	4.67	5.99	Student	-0.37	1.53	3.15	3.92	4.67	5.42	6.19	7.81	9.71	
	206.62	5.10	1.69	School	3.68	4.22	4.67	4.89	5.10	5.31	5.53	5.99	6.52	
65	210.65	4.37	5.99	Student	-0.67	1.23	2.86	3.62	4.37	5.13	5.89	7.52	9.42	
	207.50	5.03	1.69	School	3.61	4.14	4.60	4.82	5.03	5.24	5.46	5.91	6.45	
70	212.71	4.06	5.99	Student	-0.98	0.92	2.54	3.31	4.06	4.81	5.58	7.20	9.10	
	208.42	4.95	1.69	School	3.53	4.06	4.52	4.74	4.95	5.16	5.38	5.84	6.37	
75	214.93	3.72	5.99	Student	-1.32	0.58	2.20	2.97	3.72	4.47	5.24	6.86	8.76	
	209.41	4.87	1.69	School	3.44	3.98	4.44	4.65	4.87	5.08	5.29	5.75	6.29	
80	217.40	3.34	5.99	Student	-1.70	0.20	1.82	2.59	3.34	4.10	4.86	6.48	8.39	
	210.51	4.77	1.69	School	3.35	3.89	4.34	4.56	4.77	4.98	5.20	5.66	6.19	
85	220.28	2.90	5.99	Student	-2.14	-0.24	1.38	2.15	2.90	3.66	4.42	6.04	7.95	
	211.80	4.66	1.69	School	3.24	3.78	4.24	4.45	4.66	4.88	5.09	5.55	6.09	
90	223.91	2.35	5.99	Student	-2.69	-0.79	0.83	1.60	2.35	3.10	3.87	5.49	7.39	
	213.42	4.53	1.69	School	3.10	3.64	4.10	4.31	4.53	4.74	4.95	5.41	5.95	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.25: Language Usage Grade 5
Fall To Winter Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	185.53	6.12	4.86	Student	2.04	3.58	4.89	5.51	6.12	6.73	7.35	8.67	10.21	
	196.00	4.49	0.91	School	3.73	4.02	4.26	4.38	4.49	4.61	4.72	4.97	5.26	
15	189.10	5.77	4.86	Student	1.68	3.22	4.54	5.16	5.77	6.38	7.00	8.32	9.86	
	197.56	4.45	0.91	School	3.69	3.98	4.22	4.34	4.45	4.57	4.68	4.93	5.21	
20	191.93	5.49	4.86	Student	1.40	2.94	4.26	4.88	5.49	6.10	6.72	8.04	9.58	
	198.80	4.42	0.91	School	3.66	3.94	4.19	4.30	4.42	4.53	4.65	4.89	5.18	
25	194.36	5.25	4.86	Student	1.16	2.70	4.02	4.64	5.25	5.86	6.48	7.79	9.34	
	199.87	4.39	0.91	School	3.63	3.91	4.16	4.28	4.39	4.50	4.62	4.87	5.15	
30	196.55	5.03	4.86	Student	0.94	2.48	3.80	4.42	5.03	5.64	6.26	7.58	9.12	
	200.83	4.36	0.91	School	3.60	3.89	4.13	4.25	4.36	4.48	4.59	4.84	5.13	
35	198.57	4.83	4.86	Student	0.74	2.28	3.60	4.22	4.83	5.44	6.06	7.38	8.92	
	201.72	4.34	0.91	School	3.58	3.87	4.11	4.23	4.34	4.45	4.57	4.82	5.10	
40	200.49	4.64	4.86	Student	0.55	2.09	3.41	4.03	4.64	5.25	5.87	7.19	8.73	
	202.56	4.32	0.91	School	3.56	3.84	4.09	4.20	4.32	4.43	4.55	4.79	5.08	
45	202.35	4.46	4.86	Student	0.37	1.91	3.23	3.85	4.46	5.07	5.69	7.00	8.54	
	203.37	4.30	0.91	School	3.53	3.82	4.07	4.18	4.30	4.41	4.53	4.77	5.06	
50	204.17	4.27	4.86	Student	0.19	1.73	3.04	3.66	4.27	4.89	5.51	6.82	8.36	
	204.17	4.27	0.91	School	3.51	3.80	4.05	4.16	4.27	4.39	4.50	4.75	5.04	
55	206.00	4.09	4.86	Student	0.01	1.55	2.86	3.48	4.09	4.70	5.32	6.64	8.18	
	204.98	4.25	0.91	School	3.49	3.78	4.02	4.14	4.25	4.37	4.48	4.73	5.02	
60	207.86	3.91	4.86	Student	-0.18	1.36	2.68	3.30	3.91	4.52	5.14	6.46	8.00	
	205.79	4.23	0.91	School	3.47	3.76	4.00	4.12	4.23	4.35	4.46	4.71	4.99	
65	209.78	3.72	4.86	Student	-0.37	1.17	2.49	3.11	3.72	4.33	4.95	6.27	7.81	
	206.63	4.21	0.91	School	3.45	3.73	3.98	4.10	4.21	4.32	4.44	4.68	4.97	
70	211.80	3.52	4.86	Student	-0.57	0.97	2.29	2.91	3.52	4.13	4.75	6.07	7.61	
	207.52	4.19	0.91	School	3.42	3.71	3.96	4.07	4.19	4.30	4.42	4.66	4.95	
75	213.99	3.30	4.86	Student	-0.79	0.76	2.07	2.69	3.30	3.91	4.53	5.85	7.39	
	208.48	4.16	0.91	School	3.40	3.68	3.93	4.05	4.16	4.27	4.39	4.64	4.92	
80	216.42	3.06	4.86	Student	-1.03	0.51	1.83	2.45	3.06	3.67	4.29	5.61	7.15	
	209.54	4.13	0.91	School	3.37	3.66	3.90	4.02	4.13	4.25	4.36	4.61	4.89	
85	219.25	2.78	4.86	Student	-1.31	0.23	1.55	2.17	2.78	3.39	4.01	5.33	6.87	
	210.79	4.10	0.91	School	3.34	3.62	3.87	3.98	4.10	4.21	4.33	4.57	4.86	
90	222.82	2.43	4.86	Student	-1.66	-0.12	1.20	1.82	2.43	3.04	3.66	4.97	6.51	
	212.35	4.06	0.91	School	3.29	3.58	3.83	3.94	4.06	4.17	4.29	4.53	4.82	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.26: Language Usage Grade 5
Fall To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	185.53	8.66	6.10	Student	3.52	5.46	7.11	7.89	8.66	9.42	10.20	11.86	13.79	
	196.00	6.40	1.58	School	5.07	5.57	6.00	6.20	6.40	6.60	6.80	7.23	7.73	
15	189.10	8.15	6.10	Student	3.02	4.95	6.61	7.39	8.15	8.92	9.70	11.35	13.29	
	197.56	6.33	1.58	School	4.99	5.49	5.92	6.13	6.33	6.52	6.73	7.16	7.66	
20	191.93	7.75	6.10	Student	2.62	4.55	6.20	6.98	7.75	8.52	9.30	10.95	12.89	
	198.80	6.27	1.58	School	4.93	5.44	5.87	6.07	6.27	6.47	6.67	7.10	7.60	
25	194.36	7.41	6.10	Student	2.27	4.21	5.86	6.64	7.41	8.17	8.95	10.61	12.54	
	199.87	6.22	1.58	School	4.88	5.39	5.82	6.02	6.22	6.42	6.62	7.05	7.55	
30	196.55	7.10	6.10	Student	1.96	3.90	5.55	6.33	7.10	7.86	8.64	10.30	12.23	
	200.83	6.17	1.58	School	4.84	5.34	5.77	5.97	6.17	6.37	6.57	7.00	7.51	
35	198.57	6.81	6.10	Student	1.68	3.61	5.26	6.04	6.81	7.58	8.36	10.01	11.95	
	201.72	6.13	1.58	School	4.80	5.30	5.73	5.93	6.13	6.33	6.53	6.96	7.46	
40	200.49	6.54	6.10	Student	1.40	3.34	4.99	5.77	6.54	7.31	8.08	9.74	11.67	
	202.56	6.09	1.58	School	4.76	5.26	5.69	5.89	6.09	6.29	6.49	6.92	7.43	
45	202.35	6.28	6.10	Student	1.14	3.08	4.73	5.51	6.28	7.04	7.82	9.48	11.41	
	203.37	6.05	1.58	School	4.72	5.22	5.65	5.85	6.05	6.25	6.46	6.88	7.39	
50	204.17	6.02	6.10	Student	0.88	2.82	4.47	5.25	6.02	6.78	7.56	9.22	11.15	
	204.17	6.02	1.58	School	4.68	5.19	5.62	5.82	6.02	6.22	6.42	6.85	7.35	
55	206.00	5.76	6.10	Student	0.62	2.56	4.21	4.99	5.76	6.52	7.30	8.96	10.89	
	204.98	5.98	1.58	School	4.65	5.15	5.58	5.78	5.98	6.18	6.38	6.81	7.31	
60	207.86	5.49	6.10	Student	0.36	2.29	3.95	4.73	5.49	6.26	7.04	8.69	10.63	
	205.79	5.94	1.58	School	4.61	5.11	5.54	5.74	5.94	6.14	6.34	6.77	7.27	
65	209.78	5.22	6.10	Student	0.09	2.02	3.68	4.46	5.22	5.99	6.77	8.42	10.36	
	206.63	5.90	1.58	School	4.57	5.07	5.50	5.70	5.90	6.10	6.30	6.73	7.24	
70	211.80	4.94	6.10	Student	-0.20	1.74	3.39	4.17	4.94	5.70	6.48	8.14	10.07	
	207.52	5.86	1.58	School	4.53	5.03	5.46	5.66	5.86	6.06	6.26	6.69	7.19	
75	213.99	4.63	6.10	Student	-0.51	1.43	3.08	3.86	4.63	5.39	6.17	7.83	9.76	
	208.48	5.82	1.58	School	4.48	4.98	5.41	5.62	5.82	6.01	6.22	6.65	7.15	
80	216.42	4.28	6.10	Student	-0.85	1.08	2.74	3.52	4.28	5.05	5.83	7.48	9.42	
	209.54	5.77	1.58	School	4.43	4.93	5.36	5.57	5.77	5.96	6.17	6.60	7.10	
85	219.25	3.88	6.10	Student	-1.25	0.68	2.33	3.11	3.88	4.65	5.43	7.08	9.02	
	210.79	5.71	1.58	School	4.37	4.88	5.31	5.51	5.71	5.91	6.11	6.54	7.04	
90	222.82	3.38	6.10	Student	-1.76	0.18	1.83	2.61	3.38	4.14	4.92	6.58	8.51	
	212.35	5.63	1.58	School	4.30	4.80	5.23	5.44	5.63	5.83	6.04	6.47	6.97	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.27: Language Usage Grade 5
Fall To N Fall Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth								
		Mean	SD		20	30	40	45	50	55	60	70	80
10	185.53	6.56	6.55	Student	1.04	3.12	4.90	5.73	6.56	7.38	8.22	9.99	12.07
	196.00	5.51	1.55	School	4.20	4.70	5.12	5.31	5.51	5.70	5.90	6.32	6.81
15	189.10	6.29	6.55	Student	0.78	2.86	4.63	5.47	6.29	7.12	7.95	9.73	11.81
	197.56	5.45	1.55	School	4.14	4.63	5.05	5.25	5.45	5.64	5.84	6.26	6.75
20	191.93	6.09	6.55	Student	0.57	2.65	4.43	5.26	6.09	6.91	7.74	9.52	11.60
	198.80	5.40	1.55	School	4.09	4.58	5.00	5.20	5.40	5.59	5.79	6.21	6.70
25	194.36	5.91	6.55	Student	0.39	2.47	4.25	5.08	5.91	6.73	7.57	9.34	11.42
	199.87	5.35	1.55	School	4.05	4.54	4.96	5.16	5.35	5.55	5.75	6.17	6.66
30	196.55	5.74	6.55	Student	0.23	2.31	4.09	4.92	5.74	6.57	7.40	9.18	11.26
	200.83	5.32	1.55	School	4.01	4.50	4.92	5.12	5.32	5.51	5.71	6.13	6.62
35	198.57	5.60	6.55	Student	0.08	2.16	3.94	4.77	5.60	6.42	7.26	9.03	11.11
	201.72	5.28	1.55	School	3.98	4.47	4.89	5.09	5.28	5.48	5.67	6.09	6.59
40	200.49	5.45	6.55	Student	-0.06	2.02	3.79	4.63	5.45	6.28	7.11	8.89	10.97
	202.56	5.25	1.55	School	3.94	4.43	4.85	5.05	5.25	5.44	5.64	6.06	6.55
45	202.35	5.32	6.55	Student	-0.20	1.88	3.66	4.49	5.32	6.14	6.98	8.75	10.83
	203.37	5.21	1.55	School	3.91	4.40	4.82	5.02	5.21	5.41	5.61	6.03	6.52
50	204.17	5.18	6.55	Student	-0.33	1.75	3.52	4.36	5.18	6.01	6.84	8.62	10.70
	204.17	5.18	1.55	School	3.88	4.37	4.79	4.99	5.18	5.38	5.58	6.00	6.49
55	206.00	5.05	6.55	Student	-0.47	1.61	3.39	4.22	5.05	5.87	6.71	8.48	10.56
	204.98	5.15	1.55	School	3.85	4.34	4.76	4.96	5.15	5.35	5.54	5.96	6.46
60	207.86	4.91	6.55	Student	-0.60	1.48	3.25	4.09	4.91	5.73	6.57	8.35	10.42
	205.79	5.12	1.55	School	3.81	4.30	4.73	4.92	5.12	5.31	5.51	5.93	6.42
65	209.78	4.77	6.55	Student	-0.74	1.33	3.11	3.95	4.77	5.59	6.43	8.20	10.28
	206.63	5.08	1.55	School	3.78	4.27	4.69	4.89	5.08	5.28	5.48	5.90	6.39
70	211.80	4.62	6.55	Student	-0.89	1.18	2.96	3.80	4.62	5.44	6.28	8.06	10.13
	207.52	5.05	1.55	School	3.74	4.24	4.66	4.85	5.05	5.24	5.44	5.86	6.35
75	213.99	4.46	6.55	Student	-1.05	1.02	2.80	3.64	4.46	5.28	6.12	7.89	9.97
	208.48	5.01	1.55	School	3.71	4.20	4.62	4.82	5.01	5.21	5.40	5.82	6.32
80	216.42	4.28	6.55	Student	-1.23	0.84	2.62	3.46	4.28	5.10	5.94	7.72	9.79
	209.54	4.97	1.55	School	3.66	4.15	4.58	4.77	4.97	5.16	5.36	5.78	6.27
85	219.25	4.07	6.55	Student	-1.44	0.64	2.41	3.25	4.07	4.89	5.73	7.51	9.58
	210.79	4.92	1.55	School	3.61	4.11	4.53	4.72	4.92	5.11	5.31	5.73	6.22
90	222.82	3.81	6.55	Student	-1.71	0.37	2.15	2.98	3.81	4.63	5.47	7.24	9.32
	212.35	4.86	1.55	School	3.55	4.04	4.46	4.66	4.86	5.05	5.25	5.67	6.16

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.28: Language Usage Grade 5
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth																		
		Mean	SD		20	30	40	45	50	55	60	70	80										
10	190.54	2.86	4.64	Student	-1.04	0.43	1.69	2.28	2.86	3.45	4.04	5.30	6.77										
	200.41	1.78	0.69	School	1.20	1.42	1.60	1.69	1.78	1.86	1.95	2.14	2.36										
15	193.96	2.65	4.64	Student	-1.26	0.22	1.47	2.07	2.65	3.23	3.83	5.08	6.56										
	201.94	1.77	0.69	School	1.19	1.41	1.60	1.68	1.77	1.86	1.95	2.13	2.35										
20	196.69	2.48	4.64	Student	-1.43	0.04	1.30	1.90	2.48	3.06	3.65	4.91	6.39										
	203.17	1.77	0.69	School	1.18	1.40	1.59	1.68	1.77	1.85	1.94	2.13	2.35										
25	199.02	2.33	4.64	Student	-1.57	-0.10	1.16	1.75	2.33	2.92	3.51	4.77	6.24										
	204.22	1.76	0.69	School	1.18	1.40	1.59	1.67	1.76	1.85	1.94	2.12	2.34										
30	201.12	2.20	4.64	Student	-1.71	-0.23	1.02	1.62	2.20	2.78	3.38	4.63	6.11										
	205.16	1.76	0.69	School	1.17	1.39	1.58	1.67	1.76	1.84	1.93	2.12	2.34										
35	203.06	2.08	4.64	Student	-1.83	-0.36	0.90	1.50	2.08	2.66	3.25	4.51	5.99										
	206.03	1.75	0.69	School	1.17	1.39	1.58	1.67	1.75	1.84	1.93	2.11	2.33										
40	204.91	1.96	4.64	Student	-1.94	-0.47	0.79	1.38	1.96	2.55	3.14	4.40	5.87										
	206.86	1.75	0.69	School	1.17	1.39	1.57	1.66	1.75	1.84	1.92	2.11	2.33										
45	206.69	1.85	4.64	Student	-2.06	-0.58	0.68	1.27	1.85	2.43	3.03	4.29	5.76										
	207.66	1.75	0.69	School	1.16	1.38	1.57	1.66	1.75	1.83	1.92	2.11	2.33										
50	208.45	1.74	4.64	Student	-2.17	-0.69	0.57	1.16	1.74	2.32	2.92	4.18	5.65										
	208.45	1.74	0.69	School	1.16	1.38	1.57	1.65	1.74	1.83	1.92	2.10	2.32										
55	210.21	1.63	4.64	Student	-2.28	-0.80	0.46	1.05	1.63	2.21	2.81	4.07	5.54										
	209.24	1.74	0.69	School	1.16	1.38	1.56	1.65	1.74	1.82	1.91	2.10	2.32										
60	211.99	1.52	4.64	Student	-2.39	-0.91	0.34	0.94	1.52	2.10	2.70	3.95	5.43										
	210.04	1.73	0.69	School	1.15	1.37	1.56	1.65	1.73	1.82	1.91	2.10	2.32										
65	213.83	1.40	4.64	Student	-2.50	-1.03	0.23	0.82	1.40	1.99	2.58	3.84	5.31										
	210.87	1.73	0.69	School	1.15	1.37	1.56	1.64	1.73	1.82	1.91	2.09	2.31										
70	215.78	1.28	4.64	Student	-2.62	-1.15	0.11	0.70	1.28	1.87	2.46	3.72	5.19										
	211.74	1.73	0.69	School	1.14	1.36	1.55	1.64	1.73	1.81	1.90	2.09	2.31										
75	217.88	1.15	4.64	Student	-2.76	-1.28	-0.03	0.57	1.15	1.73	2.33	3.58	5.06										
	212.68	1.72	0.69	School	1.14	1.36	1.55	1.64	1.72	1.81	1.90	2.08	2.30										
80	220.21	1.00	4.64	Student	-2.90	-1.43	-0.17	0.42	1.00	1.59	2.18	3.44	4.91										
	213.73	1.72	0.69	School	1.14	1.36	1.54	1.63	1.72	1.80	1.89	2.08	2.30										
85	222.93	0.83	4.64	Student	-3.07	-1.60	-0.34	0.25	0.83	1.42	2.01	3.27	4.74										
	214.95	1.71	0.69	School	1.13	1.35	1.54	1.63	1.71	1.80	1.89	2.07	2.29										
90	226.36	0.62	4.64	Student	-3.29	-1.82	-0.56	0.04	0.62	1.20	1.79	3.05	4.53										
	216.49	1.70	0.69	School	1.12	1.34	1.53	1.62	1.70	1.79	1.88	2.07	2.29										

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.29: Language Usage Grade 6
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	189.63	6.80	5.52	Student	2.15	3.90	5.40	6.10	6.80	7.49	8.19	9.69	11.44	
	200.06	4.94	1.25	School	3.89	4.29	4.63	4.79	4.94	5.10	5.26	5.60	6.00	
15	193.23	6.32	5.52	Student	1.68	3.43	4.93	5.63	6.32	7.02	7.72	9.22	10.97	
	201.67	4.83	1.25	School	3.77	4.17	4.51	4.67	4.83	4.98	5.14	5.48	5.88	
20	196.10	5.95	5.52	Student	1.31	3.06	4.55	5.26	5.95	6.64	7.35	8.84	10.59	
	202.95	4.73	1.25	School	3.68	4.08	4.42	4.58	4.73	4.89	5.05	5.39	5.79	
25	198.56	5.63	5.52	Student	0.98	2.73	4.23	4.93	5.63	6.32	7.03	8.52	10.27	
	204.05	4.65	1.25	School	3.60	4.00	4.34	4.50	4.65	4.81	4.97	5.31	5.71	
30	200.76	5.34	5.52	Student	0.69	2.45	3.94	4.65	5.34	6.03	6.74	8.23	9.98	
	205.03	4.58	1.25	School	3.53	3.92	4.26	4.42	4.58	4.74	4.90	5.24	5.63	
35	202.81	5.07	5.52	Student	0.43	2.18	3.67	4.38	5.07	5.76	6.47	7.96	9.71	
	205.95	4.51	1.25	School	3.46	3.86	4.20	4.36	4.51	4.67	4.83	5.17	5.57	
40	204.75	4.82	5.52	Student	0.17	1.92	3.42	4.12	4.82	5.51	6.21	7.71	9.46	
	206.81	4.45	1.25	School	3.40	3.79	4.13	4.29	4.45	4.61	4.77	5.11	5.50	
45	206.63	4.57	5.52	Student	-0.07	1.68	3.17	3.88	4.57	5.26	5.97	7.46	9.21	
	207.65	4.39	1.25	School	3.34	3.73	4.07	4.23	4.39	4.55	4.71	5.04	5.44	
50	208.48	4.33	5.52	Student	-0.32	1.44	2.93	3.64	4.33	5.02	5.73	7.22	8.97	
	208.48	4.33	1.25	School	3.28	3.67	4.01	4.17	4.33	4.49	4.65	4.98	5.38	
55	210.33	4.09	5.52	Student	-0.56	1.19	2.69	3.39	4.09	4.78	5.48	6.98	8.73	
	209.30	4.27	1.25	School	3.22	3.61	3.95	4.11	4.27	4.43	4.59	4.92	5.32	
60	212.20	3.84	5.52	Student	-0.80	0.95	2.44	3.15	3.84	4.53	5.24	6.73	8.48	
	210.14	4.21	1.25	School	3.15	3.55	3.89	4.05	4.21	4.36	4.52	4.86	5.26	
65	214.15	3.59	5.52	Student	-1.06	0.69	2.19	2.89	3.59	4.28	4.98	6.48	8.23	
	211.01	4.14	1.25	School	3.09	3.49	3.83	3.99	4.14	4.30	4.46	4.80	5.20	
70	216.19	3.32	5.52	Student	-1.33	0.43	1.92	2.63	3.32	4.01	4.72	6.21	7.96	
	211.92	4.08	1.25	School	3.02	3.42	3.76	3.92	4.08	4.23	4.39	4.73	5.13	
75	218.40	3.03	5.52	Student	-1.61	0.14	1.63	2.34	3.03	3.72	4.43	5.92	7.67	
	212.91	4.00	1.25	School	2.95	3.35	3.69	3.85	4.00	4.16	4.32	4.66	5.06	
80	220.86	2.71	5.52	Student	-1.94	-0.19	1.31	2.01	2.71	3.40	4.11	5.60	7.35	
	214.01	3.92	1.25	School	2.87	3.27	3.61	3.77	3.92	4.08	4.24	4.58	4.98	
85	223.72	2.33	5.52	Student	-2.31	-0.56	0.93	1.64	2.33	3.03	3.73	5.23	6.98	
	215.29	3.83	1.25	School	2.78	3.18	3.51	3.67	3.83	3.99	4.15	4.49	4.88	
90	227.33	1.86	5.52	Student	-2.78	-1.03	0.46	1.17	1.86	2.55	3.26	4.75	6.50	
	216.89	3.71	1.25	School	2.66	3.06	3.40	3.56	3.71	3.87	4.03	4.37	4.77	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.30: Language Usage Grade 6
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean SD		CGI	20	30	40	45	50	55	60	70	80
10	191.25	2.31	7.24	Student	-3.79	-1.49	0.47	1.40	2.31	3.22	4.14	6.11	8.40	
	201.76	-0.00	1.76	School	-1.49	-0.93	-0.45	-0.23	-0.00	0.22	0.44	0.92	1.48	
15	194.89	1.70	7.24	Student	-4.39	-2.10	-0.13	0.79	1.70	2.61	3.54	5.50	7.80	
	203.39	-0.17	1.76	School	-1.65	-1.09	-0.61	-0.39	-0.17	0.06	0.28	0.76	1.32	
20	197.78	1.22	7.24	Student	-4.87	-2.57	-0.61	0.31	1.22	2.13	3.06	5.02	7.32	
	204.69	-0.29	1.76	School	-1.78	-1.22	-0.74	-0.52	-0.29	-0.07	0.15	0.63	1.19	
25	200.26	0.81	7.24	Student	-5.28	-2.99	-1.02	-0.10	0.81	1.72	2.65	4.61	6.91	
	205.80	-0.40	1.76	School	-1.89	-1.33	-0.85	-0.63	-0.40	-0.18	0.04	0.52	1.08	
30	202.49	0.44	7.24	Student	-5.65	-3.36	-1.39	-0.47	0.44	1.35	2.28	4.24	6.54	
	206.80	-0.50	1.76	School	-1.99	-1.43	-0.95	-0.72	-0.50	-0.28	-0.06	0.42	0.98	
35	204.56	0.10	7.24	Student	-6.00	-3.70	-1.73	-0.81	0.10	1.01	1.94	3.90	6.20	
	207.72	-0.59	1.76	School	-2.08	-1.52	-1.04	-0.82	-0.59	-0.37	-0.15	0.33	0.89	
40	206.52	-0.22	7.24	Student	-6.32	-4.02	-2.06	-1.13	-0.22	0.69	1.61	3.57	5.87	
	208.60	-0.68	1.76	School	-2.16	-1.61	-1.13	-0.90	-0.68	-0.46	-0.23	0.24	0.80	
45	208.42	-0.54	7.24	Student	-6.63	-4.34	-2.37	-1.45	-0.54	0.37	1.30	3.26	5.56	
	209.45	-0.77	1.76	School	-2.25	-1.69	-1.21	-0.99	-0.77	-0.54	-0.32	0.16	0.72	
50	210.28	-0.85	7.24	Student	-6.94	-4.65	-2.68	-1.76	-0.85	0.06	0.99	2.95	5.25	
	210.28	-0.85	1.76	School	-2.33	-1.77	-1.29	-1.07	-0.85	-0.63	-0.40	0.08	0.64	
55	212.15	-1.16	7.24	Student	-7.25	-4.96	-2.99	-2.07	-1.16	-0.25	0.68	2.64	4.94	
	211.12	-0.93	1.76	School	-2.41	-1.85	-1.38	-1.15	-0.93	-0.71	-0.48	-0.01	0.55	
60	214.04	-1.47	7.24	Student	-7.57	-5.27	-3.31	-2.38	-1.47	-0.56	0.36	2.33	4.63	
	211.97	-1.01	1.76	School	-2.50	-1.94	-1.46	-1.24	-1.01	-0.79	-0.57	-0.09	0.47	
65	216.00	-1.80	7.24	Student	-7.89	-5.59	-3.63	-2.71	-1.80	-0.89	0.04	2.00	4.30	
	212.84	-1.10	1.76	School	-2.58	-2.03	-1.55	-1.32	-1.10	-0.88	-0.65	-0.18	0.38	
70	218.07	-2.14	7.24	Student	-8.23	-5.94	-3.97	-3.05	-2.14	-1.23	-0.30	1.66	3.96	
	213.77	-1.19	1.76	School	-2.68	-2.12	-1.64	-1.41	-1.19	-0.97	-0.75	-0.27	0.29	
75	220.30	-2.51	7.24	Student	-8.60	-6.31	-4.34	-3.42	-2.51	-1.60	-0.67	1.29	3.59	
	214.77	-1.29	1.76	School	-2.77	-2.22	-1.74	-1.51	-1.29	-1.07	-0.85	-0.37	0.19	
80	222.78	-2.92	7.24	Student	-9.02	-6.72	-4.75	-3.83	-2.92	-2.01	-1.08	0.88	3.18	
	215.88	-1.40	1.76	School	-2.88	-2.33	-1.85	-1.62	-1.40	-1.18	-0.95	-0.48	0.08	
85	225.68	-3.40	7.24	Student	-9.50	-7.20	-5.23	-4.31	-3.40	-2.49	-1.56	0.40	2.70	
	217.17	-1.53	1.76	School	-3.01	-2.45	-1.98	-1.75	-1.53	-1.31	-1.08	-0.61	-0.05	
90	229.32	-4.00	7.24	Student	-10.1	-7.80	-5.84	-4.91	-4.00	-3.09	-2.17	-0.20	2.09	
	218.80	-1.69	1.76	School	-3.17	-2.61	-2.14	-1.91	-1.69	-1.47	-1.24	-0.77	-0.21	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.31: Language Usage Grade 6
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	191.25	6.79	5.96	Student	1.77	3.66	5.28	6.04	6.79	7.54	8.30	9.91	11.80	
	201.76	4.65	1.54	School	3.36	3.84	4.26	4.46	4.65	4.84	5.04	5.46	5.94	
15	194.89	6.24	5.96	Student	1.22	3.11	4.73	5.49	6.24	6.99	7.75	9.36	11.25	
	203.39	4.51	1.54	School	3.21	3.70	4.12	4.32	4.51	4.70	4.90	5.31	5.80	
20	197.78	5.80	5.96	Student	0.78	2.67	4.29	5.05	5.80	6.55	7.31	8.92	10.82	
	204.69	4.40	1.54	School	3.10	3.59	4.01	4.20	4.40	4.59	4.78	5.20	5.69	
25	200.26	5.42	5.96	Student	0.41	2.30	3.91	4.67	5.42	6.17	6.93	8.55	10.44	
	205.80	4.30	1.54	School	3.00	3.49	3.91	4.11	4.30	4.49	4.69	5.10	5.59	
30	202.49	5.09	5.96	Student	0.07	1.96	3.58	4.34	5.09	5.83	6.60	8.21	10.10	
	206.80	4.21	1.54	School	2.92	3.41	3.82	4.02	4.21	4.40	4.60	5.02	5.50	
35	204.56	4.77	5.96	Student	-0.24	1.65	3.26	4.02	4.77	5.52	6.28	7.90	9.79	
	207.72	4.13	1.54	School	2.84	3.32	3.74	3.94	4.13	4.32	4.52	4.94	5.42	
40	206.52	4.48	5.96	Student	-0.54	1.35	2.97	3.73	4.48	5.23	5.99	7.60	9.49	
	208.60	4.05	1.54	School	2.76	3.25	3.66	3.86	4.05	4.25	4.44	4.86	5.35	
45	208.42	4.19	5.96	Student	-0.83	1.06	2.68	3.44	4.19	4.94	5.70	7.31	9.21	
	209.45	3.98	1.54	School	2.69	3.17	3.59	3.79	3.98	4.17	4.37	4.79	5.27	
50	210.28	3.91	5.96	Student	-1.11	0.78	2.40	3.16	3.91	4.66	5.42	7.03	8.92	
	210.28	3.91	1.54	School	2.61	3.10	3.52	3.71	3.91	4.10	4.30	4.71	5.20	
55	212.15	3.62	5.96	Student	-1.39	0.50	2.11	2.87	3.62	4.37	5.13	6.75	8.64	
	211.12	3.83	1.54	School	2.54	3.03	3.44	3.64	3.83	4.03	4.22	4.64	5.13	
60	214.04	3.34	5.96	Student	-1.68	0.21	1.83	2.59	3.34	4.09	4.85	6.46	8.35	
	211.97	3.76	1.54	School	2.47	2.95	3.37	3.57	3.76	3.95	4.15	4.57	5.05	
65	216.00	3.04	5.96	Student	-1.98	-0.09	1.53	2.29	3.04	3.79	4.55	6.17	8.06	
	212.84	3.68	1.54	School	2.39	2.88	3.29	3.49	3.68	3.88	4.07	4.49	4.98	
70	218.07	2.73	5.96	Student	-2.29	-0.40	1.22	1.98	2.73	3.48	4.24	5.85	7.74	
	213.77	3.60	1.54	School	2.31	2.80	3.21	3.41	3.60	3.80	3.99	4.41	4.90	
75	220.30	2.39	5.96	Student	-2.63	-0.74	0.88	1.64	2.39	3.14	3.90	5.52	7.41	
	214.77	3.51	1.54	School	2.22	2.71	3.13	3.32	3.51	3.71	3.90	4.32	4.81	
80	222.78	2.01	5.96	Student	-3.00	-1.11	0.50	1.27	2.01	2.76	3.52	5.14	7.03	
	215.88	3.42	1.54	School	2.12	2.61	3.03	3.22	3.42	3.61	3.81	4.22	4.71	
85	225.68	1.58	5.96	Student	-3.44	-1.55	0.07	0.83	1.58	2.33	3.09	4.70	6.59	
	217.17	3.30	1.54	School	2.01	2.50	2.92	3.11	3.30	3.50	3.69	4.11	4.60	
90	229.32	1.02	5.96	Student	-3.99	-2.10	-0.49	0.28	1.02	1.77	2.54	4.15	6.04	
	218.80	3.16	1.54	School	1.87	2.36	2.77	2.97	3.16	3.36	3.55	3.97	4.46	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.32: Language Usage Grade 6
Fall To Winter Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	191.04	5.05	4.86	Student	0.95	2.50	3.82	4.44	5.05	5.66	6.28	7.60	9.14		
	201.43	3.48	0.80	School	2.81	3.06	3.27	3.38	3.48	3.58	3.68	3.89	4.15		
15	194.56	4.73	4.86	Student	0.63	2.18	3.50	4.12	4.73	5.34	5.96	7.28	8.82		
	202.96	3.46	0.80	School	2.79	3.04	3.25	3.36	3.46	3.56	3.66	3.87	4.13		
20	197.35	4.47	4.86	Student	0.38	1.92	3.24	3.86	4.47	5.08	5.71	7.02	8.57		
	204.18	3.44	0.80	School	2.77	3.02	3.24	3.34	3.44	3.54	3.64	3.86	4.11		
25	199.75	4.25	4.86	Student	0.16	1.70	3.02	3.64	4.25	4.87	5.49	6.81	8.35		
	205.22	3.43	0.80	School	2.76	3.01	3.23	3.33	3.43	3.53	3.63	3.85	4.10		
30	201.91	4.06	4.86	Student	-0.04	1.51	2.83	3.45	4.06	4.67	5.29	6.61	8.15		
	206.16	3.41	0.80	School	2.74	3.00	3.21	3.31	3.41	3.52	3.62	3.83	4.09		
35	203.90	3.88	4.86	Student	-0.22	1.33	2.64	3.26	3.88	4.49	5.11	6.43	7.97		
	207.03	3.40	0.80	School	2.73	2.99	3.20	3.30	3.40	3.50	3.61	3.82	4.07		
40	205.80	3.70	4.86	Student	-0.39	1.15	2.47	3.09	3.70	4.31	4.94	6.25	7.80		
	207.85	3.39	0.80	School	2.72	2.97	3.19	3.29	3.39	3.49	3.59	3.81	4.06		
45	207.63	3.54	4.86	Student	-0.56	0.99	2.30	2.93	3.54	4.15	4.77	6.09	7.63		
	208.65	3.38	0.80	School	2.71	2.96	3.18	3.28	3.38	3.48	3.58	3.80	4.05		
50	209.43	3.37	4.86	Student	-0.72	0.82	2.14	2.76	3.37	3.98	4.60	5.92	7.47		
	209.43	3.37	0.80	School	2.70	2.95	3.17	3.27	3.37	3.47	3.57	3.79	4.04		
55	211.24	3.21	4.86	Student	-0.89	0.66	1.98	2.60	3.21	3.82	4.44	5.76	7.30		
	210.22	3.36	0.80	School	2.69	2.94	3.16	3.26	3.36	3.46	3.56	3.78	4.03		
60	213.07	3.04	4.86	Student	-1.05	0.49	1.81	2.43	3.04	3.65	4.27	5.59	7.14		
	211.02	3.35	0.80	School	2.68	2.93	3.15	3.25	3.35	3.45	3.55	3.77	4.02		
65	214.96	2.87	4.86	Student	-1.23	0.32	1.64	2.26	2.87	3.48	4.10	5.42	6.96		
	211.84	3.34	0.80	School	2.67	2.92	3.14	3.24	3.34	3.44	3.54	3.76	4.01		
70	216.96	2.69	4.86	Student	-1.41	0.14	1.45	2.08	2.69	3.30	3.92	5.24	6.78		
	212.71	3.33	0.80	School	2.66	2.91	3.13	3.23	3.33	3.43	3.53	3.75	4.00		
75	219.12	2.49	4.86	Student	-1.60	-0.06	1.26	1.88	2.49	3.10	3.72	5.04	6.58		
	213.65	3.32	0.80	School	2.65	2.90	3.12	3.22	3.32	3.42	3.52	3.74	3.99		
80	221.51	2.27	4.86	Student	-1.82	-0.28	1.04	1.66	2.27	2.88	3.50	4.82	6.37		
	214.69	3.30	0.80	School	2.63	2.89	3.10	3.20	3.30	3.40	3.51	3.72	3.98		
85	224.31	2.02	4.86	Student	-2.08	-0.53	0.78	1.41	2.02	2.63	3.25	4.57	6.11		
	215.91	3.29	0.80	School	2.62	2.87	3.09	3.19	3.29	3.39	3.49	3.71	3.96		
90	227.83	1.70	4.86	Student	-2.40	-0.86	0.46	1.08	1.70	2.31	2.93	4.25	5.79		
	217.44	3.27	0.80	School	2.60	2.85	3.07	3.17	3.27	3.37	3.47	3.69	3.94		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.33: Language Usage Grade 6
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth RIT	Growth Mean	Growth SD	CGP CGI	Conditional Growth									
					20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	191.04	7.08	6.11	Student	1.95	3.88	5.54	6.32	7.08	7.85	8.63	10.29	12.22	
	201.43	4.94	1.39	School	3.76	4.21	4.58	4.76	4.94	5.11	5.29	5.67	6.11	
15	194.56	6.64	6.11	Student	1.50	3.44	5.09	5.87	6.64	7.41	8.19	9.84	11.78	
	202.96	4.90	1.39	School	3.73	4.17	4.55	4.73	4.90	5.08	5.25	5.63	6.08	
20	197.35	6.28	6.11	Student	1.15	3.08	4.74	5.52	6.28	7.05	7.83	9.49	11.42	
	204.18	4.87	1.39	School	3.70	4.14	4.52	4.70	4.87	5.05	5.23	5.61	6.05	
25	199.75	5.98	6.11	Student	0.84	2.78	4.43	5.21	5.98	6.75	7.53	9.18	11.12	
	205.22	4.85	1.39	School	3.68	4.12	4.50	4.67	4.85	5.03	5.20	5.58	6.02	
30	201.91	5.71	6.11	Student	0.57	2.51	4.16	4.94	5.71	6.48	7.25	8.91	10.85	
	206.16	4.83	1.39	School	3.66	4.10	4.48	4.65	4.83	5.00	5.18	5.56	6.00	
35	203.90	5.46	6.11	Student	0.32	2.25	3.91	4.69	5.46	6.22	7.00	8.66	10.59	
	207.03	4.81	1.39	School	3.64	4.08	4.46	4.63	4.81	4.98	5.16	5.54	5.98	
40	205.80	5.21	6.11	Student	0.08	2.01	3.67	4.45	5.21	5.98	6.76	8.42	10.35	
	207.85	4.79	1.39	School	3.62	4.06	4.44	4.62	4.79	4.97	5.14	5.52	5.96	
45	207.63	4.98	6.11	Student	-0.16	1.78	3.44	4.22	4.98	5.75	6.53	8.18	10.12	
	208.65	4.77	1.39	School	3.60	4.04	4.42	4.60	4.77	4.95	5.13	5.50	5.95	
50	209.43	4.75	6.11	Student	-0.38	1.55	3.21	3.99	4.75	5.52	6.30	7.96	9.89	
	209.43	4.75	1.39	School	3.58	4.02	4.40	4.58	4.75	4.93	5.11	5.49	5.93	
55	211.24	4.53	6.11	Student	-0.61	1.32	2.98	3.76	4.53	5.29	6.07	7.73	9.66	
	210.22	4.74	1.39	School	3.56	4.01	4.38	4.56	4.74	4.91	5.09	5.47	5.91	
60	213.07	4.29	6.11	Student	-0.85	1.09	2.75	3.53	4.29	5.06	5.84	7.50	9.43	
	211.02	4.72	1.39	School	3.54	3.99	4.36	4.54	4.72	4.89	5.07	5.45	5.89	
65	214.96	4.05	6.11	Student	-1.09	0.85	2.51	3.29	4.05	4.82	5.60	7.26	9.19	
	211.84	4.70	1.39	School	3.53	3.97	4.35	4.52	4.70	4.87	5.05	5.43	5.87	
70	216.96	3.80	6.11	Student	-1.34	0.60	2.25	3.03	3.80	4.57	5.35	7.00	8.94	
	212.71	4.68	1.39	School	3.51	3.95	4.33	4.50	4.68	4.85	5.03	5.41	5.85	
75	219.12	3.53	6.11	Student	-1.61	0.33	1.98	2.76	3.53	4.29	5.07	6.73	8.67	
	213.65	4.66	1.39	School	3.48	3.93	4.31	4.48	4.66	4.83	5.01	5.39	5.83	
80	221.51	3.22	6.11	Student	-1.91	0.02	1.68	2.46	3.22	3.99	4.77	6.43	8.36	
	214.69	4.63	1.39	School	3.46	3.90	4.28	4.46	4.63	4.81	4.99	5.37	5.81	
85	224.31	2.87	6.11	Student	-2.27	-0.33	1.32	2.10	2.87	3.64	4.42	6.07	8.01	
	215.91	4.61	1.39	School	3.43	3.88	4.25	4.43	4.61	4.78	4.96	5.34	5.78	
90	227.83	2.42	6.11	Student	-2.72	-0.78	0.88	1.66	2.42	3.19	3.97	5.63	7.56	
	217.44	4.57	1.39	School	3.40	3.84	4.22	4.40	4.57	4.75	4.93	5.30	5.75	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.34: Language Usage Grade 6
Fall To N Fall Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	191.04	5.59	6.26	Student	0.32	2.30	4.00	4.80	5.59	6.37	7.17	8.87	10.85	
	201.43	4.48	1.38	School	3.32	3.75	4.13	4.30	4.48	4.65	4.83	5.20	5.64	
15	194.56	5.30	6.26	Student	0.03	2.02	3.72	4.52	5.30	6.09	6.89	8.58	10.57	
	202.96	4.41	1.38	School	3.24	3.68	4.06	4.23	4.41	4.58	4.75	5.13	5.57	
20	197.35	5.08	6.26	Student	-0.19	1.79	3.49	4.29	5.08	5.86	6.66	8.36	10.34	
	204.18	4.35	1.38	School	3.19	3.62	4.00	4.17	4.35	4.52	4.70	5.07	5.51	
25	199.75	4.88	6.26	Student	-0.39	1.60	3.30	4.10	4.88	5.67	6.47	8.16	10.15	
	205.22	4.30	1.38	School	3.14	3.58	3.95	4.13	4.30	4.47	4.65	5.02	5.46	
30	201.91	4.71	6.26	Student	-0.56	1.43	3.12	3.92	4.71	5.49	6.29	7.99	9.98	
	206.16	4.25	1.38	School	3.09	3.53	3.90	4.08	4.25	4.43	4.60	4.98	5.42	
35	203.90	4.55	6.26	Student	-0.72	1.26	2.96	3.76	4.55	5.33	6.13	7.83	9.81	
	207.03	4.21	1.38	School	3.05	3.49	3.86	4.04	4.21	4.39	4.56	4.94	5.37	
40	205.80	4.39	6.26	Student	-0.87	1.11	2.81	3.61	4.39	5.18	5.98	7.68	9.66	
	207.85	4.17	1.38	School	3.01	3.45	3.82	4.00	4.17	4.35	4.52	4.90	5.33	
45	207.63	4.24	6.26	Student	-1.02	0.96	2.66	3.46	4.24	5.03	5.83	7.53	9.51	
	208.65	4.14	1.38	School	2.98	3.41	3.79	3.96	4.14	4.31	4.49	4.86	5.30	
50	209.43	4.10	6.26	Student	-1.17	0.82	2.51	3.31	4.10	4.89	5.68	7.38	9.37	
	209.43	4.10	1.38	School	2.94	3.38	3.75	3.93	4.10	4.27	4.45	4.82	5.26	
55	211.24	3.95	6.26	Student	-1.31	0.67	2.37	3.17	3.95	4.74	5.54	7.24	9.22	
	210.22	4.06	1.38	School	2.90	3.34	3.71	3.89	4.06	4.24	4.41	4.79	5.22	
60	213.07	3.81	6.26	Student	-1.46	0.52	2.22	3.02	3.81	4.59	5.39	7.09	9.07	
	211.02	4.02	1.38	School	2.86	3.30	3.67	3.85	4.02	4.20	4.37	4.75	5.19	
65	214.96	3.65	6.26	Student	-1.62	0.37	2.07	2.87	3.65	4.44	5.24	6.93	8.92	
	211.84	3.99	1.38	School	2.82	3.26	3.64	3.81	3.99	4.16	4.33	4.71	5.15	
70	216.96	3.49	6.26	Student	-1.78	0.21	1.90	2.70	3.49	4.28	5.08	6.77	8.76	
	212.71	3.94	1.38	School	2.78	3.22	3.59	3.77	3.94	4.12	4.29	4.67	5.11	
75	219.12	3.32	6.26	Student	-1.95	0.03	1.73	2.53	3.32	4.10	4.90	6.60	8.58	
	213.65	3.90	1.38	School	2.74	3.18	3.55	3.73	3.90	4.07	4.25	4.62	5.06	
80	221.51	3.12	6.26	Student	-2.14	-0.16	1.54	2.34	3.12	3.91	4.71	6.40	8.39	
	214.69	3.85	1.38	School	2.69	3.13	3.50	3.68	3.85	4.02	4.20	4.57	5.01	
85	224.31	2.90	6.26	Student	-2.37	-0.39	1.31	2.11	2.90	3.68	4.48	6.18	8.16	
	215.91	3.79	1.38	School	2.63	3.07	3.44	3.62	3.79	3.97	4.14	4.52	4.95	
90	227.83	2.61	6.26	Student	-2.66	-0.67	1.03	1.83	2.61	3.40	4.20	5.89	7.88	
	217.44	3.72	1.38	School	2.56	3.00	3.37	3.55	3.72	3.89	4.07	4.44	4.88	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.35: Language Usage Grade 6
Winter To Spring Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	194.96	2.38	4.64	Student	-1.53	-0.06	1.20	1.79	2.38	2.96	3.55	4.81	6.28		
	204.84	1.36	0.60	School	0.86	1.05	1.21	1.29	1.36	1.44	1.51	1.68	1.87		
15	198.38	2.19	4.64	Student	-1.72	-0.25	1.01	1.60	2.19	2.77	3.36	4.62	6.09		
	206.36	1.37	0.60	School	0.86	1.05	1.21	1.29	1.37	1.44	1.52	1.68	1.87		
20	201.09	2.03	4.64	Student	-1.87	-0.40	0.86	1.45	2.03	2.62	3.21	4.47	5.94		
	207.58	1.37	0.60	School	0.86	1.05	1.22	1.29	1.37	1.44	1.52	1.68	1.87		
25	203.42	1.91	4.64	Student	-2.00	-0.53	0.73	1.32	1.91	2.49	3.08	4.34	5.81		
	208.61	1.37	0.60	School	0.86	1.06	1.22	1.30	1.37	1.45	1.52	1.69	1.88		
30	205.51	1.79	4.64	Student	-2.12	-0.65	0.61	1.21	1.79	2.37	2.96	4.22	5.70		
	209.55	1.37	0.60	School	0.87	1.06	1.22	1.30	1.37	1.45	1.53	1.69	1.88		
35	207.44	1.68	4.64	Student	-2.23	-0.75	0.50	1.10	1.68	2.26	2.86	4.12	5.59		
	210.41	1.38	0.60	School	0.87	1.06	1.22	1.30	1.38	1.45	1.53	1.69	1.88		
40	209.28	1.58	4.64	Student	-2.33	-0.86	0.40	1.00	1.58	2.16	2.75	4.01	5.49		
	211.23	1.38	0.60	School	0.87	1.06	1.23	1.30	1.38	1.45	1.53	1.69	1.88		
45	211.06	1.48	4.64	Student	-2.43	-0.95	0.30	0.90	1.48	2.06	2.66	3.91	5.39		
	212.03	1.38	0.60	School	0.87	1.06	1.23	1.30	1.38	1.46	1.53	1.70	1.89		
50	212.81	1.38	4.64	Student	-2.52	-1.05	0.21	0.80	1.38	1.97	2.56	3.82	5.29		
	212.81	1.38	0.60	School	0.88	1.07	1.23	1.31	1.38	1.46	1.53	1.70	1.89		
55	214.56	1.28	4.64	Student	-2.62	-1.15	0.11	0.70	1.28	1.87	2.46	3.72	5.19		
	213.59	1.38	0.60	School	0.88	1.07	1.23	1.31	1.38	1.46	1.54	1.70	1.89		
60	216.33	1.19	4.64	Student	-2.72	-1.25	0.01	0.60	1.19	1.77	2.36	3.62	5.09		
	214.38	1.39	0.60	School	0.88	1.07	1.23	1.31	1.39	1.46	1.54	1.70	1.89		
65	218.17	1.08	4.64	Student	-2.82	-1.35	-0.09	0.50	1.08	1.67	2.26	3.52	4.99		
	215.20	1.39	0.60	School	0.88	1.07	1.24	1.31	1.39	1.46	1.54	1.70	1.89		
70	220.11	0.98	4.64	Student	-2.93	-1.46	-0.20	0.39	0.98	1.56	2.15	3.41	4.88		
	216.07	1.39	0.60	School	0.88	1.07	1.24	1.31	1.39	1.47	1.54	1.71	1.90		
75	222.20	0.86	4.64	Student	-3.05	-1.58	-0.32	0.28	0.86	1.44	2.03	3.29	4.77		
	217.00	1.39	0.60	School	0.89	1.08	1.24	1.32	1.39	1.47	1.55	1.71	1.90		
80	224.52	0.73	4.64	Student	-3.18	-1.71	-0.45	0.15	0.73	1.31	1.91	3.16	4.64		
	218.04	1.40	0.60	School	0.89	1.08	1.24	1.32	1.40	1.47	1.55	1.71	1.90		
85	227.24	0.58	4.64	Student	-3.33	-1.86	-0.60	-0.01	0.58	1.16	1.75	3.01	4.48		
	219.25	1.40	0.60	School	0.89	1.08	1.25	1.32	1.40	1.47	1.55	1.71	1.90		
90	230.65	0.39	4.64	Student	-3.52	-2.05	-0.79	-0.20	0.39	0.97	1.56	2.82	4.29		
	220.77	1.40	0.60	School	0.90	1.09	1.25	1.33	1.40	1.48	1.55	1.72	1.91		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.36: Language Usage Grade 7
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	192.36	5.73	5.22	Student	1.33	2.99	4.40	5.07	5.73	6.38	7.05	8.46	10.12	
	202.66	4.21	1.18	School	3.22	3.60	3.92	4.07	4.21	4.36	4.51	4.83	5.20	
15	196.05	5.33	5.22	Student	0.93	2.59	4.00	4.67	5.33	5.98	6.65	8.07	9.72	
	204.38	4.11	1.18	School	3.11	3.49	3.81	3.96	4.11	4.25	4.40	4.72	5.10	
20	198.98	5.01	5.22	Student	0.62	2.27	3.69	4.36	5.01	5.67	6.33	7.75	9.41	
	205.74	4.02	1.18	School	3.03	3.40	3.72	3.87	4.02	4.17	4.32	4.64	5.01	
25	201.49	4.74	5.22	Student	0.35	2.00	3.42	4.08	4.74	5.40	6.06	7.48	9.14	
	206.91	3.95	1.18	School	2.95	3.33	3.65	3.80	3.95	4.09	4.24	4.56	4.94	
30	203.75	4.50	5.22	Student	0.10	1.76	3.17	3.84	4.50	5.15	5.82	7.24	8.89	
	207.96	3.88	1.18	School	2.89	3.26	3.58	3.73	3.88	4.03	4.18	4.50	4.87	
35	205.84	4.27	5.22	Student	-0.12	1.53	2.95	3.62	4.27	4.93	5.59	7.01	8.67	
	208.93	3.82	1.18	School	2.83	3.20	3.52	3.67	3.82	3.97	4.12	4.43	4.81	
40	207.82	4.06	5.22	Student	-0.34	1.32	2.74	3.40	4.06	4.71	5.38	6.80	8.45	
	209.86	3.76	1.18	School	2.77	3.14	3.46	3.61	3.76	3.91	4.06	4.38	4.75	
45	209.74	3.85	5.22	Student	-0.54	1.11	2.53	3.19	3.85	4.51	5.17	6.59	8.25	
	210.75	3.70	1.18	School	2.71	3.09	3.40	3.55	3.70	3.85	4.00	4.32	4.69	
50	211.63	3.65	5.22	Student	-0.75	0.91	2.32	2.99	3.65	4.30	4.97	6.39	8.04	
	211.63	3.65	1.18	School	2.66	3.03	3.35	3.50	3.65	3.80	3.95	4.26	4.64	
55	213.52	3.44	5.22	Student	-0.95	0.71	2.12	2.79	3.44	4.10	4.77	6.18	7.84	
	212.51	3.59	1.18	School	2.60	2.97	3.29	3.44	3.59	3.74	3.89	4.21	4.58	
60	215.44	3.24	5.22	Student	-1.16	0.50	1.91	2.58	3.24	3.89	4.56	5.97	7.63	
	213.40	3.54	1.18	School	2.54	2.92	3.24	3.39	3.54	3.68	3.83	4.15	4.53	
65	217.42	3.02	5.22	Student	-1.37	0.28	1.70	2.37	3.02	3.68	4.35	5.76	7.42	
	214.33	3.48	1.18	School	2.49	2.86	3.18	3.33	3.48	3.62	3.78	4.09	4.47	
70	219.51	2.80	5.22	Student	-1.60	0.06	1.47	2.14	2.80	3.45	4.12	5.54	7.19	
	215.30	3.42	1.18	School	2.42	2.80	3.12	3.27	3.42	3.56	3.71	4.03	4.41	
75	221.77	2.55	5.22	Student	-1.84	-0.18	1.23	1.90	2.55	3.21	3.88	5.29	6.95	
	216.35	3.35	1.18	School	2.36	2.73	3.05	3.20	3.35	3.50	3.65	3.97	4.34	
80	224.28	2.28	5.22	Student	-2.11	-0.46	0.96	1.63	2.28	2.94	3.61	5.02	6.68	
	217.52	3.28	1.18	School	2.28	2.66	2.98	3.13	3.28	3.42	3.57	3.89	4.27	
85	227.21	1.97	5.22	Student	-2.43	-0.77	0.64	1.31	1.97	2.62	3.29	4.70	6.36	
	218.88	3.19	1.18	School	2.20	2.57	2.89	3.04	3.19	3.34	3.49	3.81	4.18	
90	230.90	1.57	5.22	Student	-2.83	-1.17	0.25	0.91	1.57	2.23	2.89	4.31	5.96	
	220.60	3.08	1.18	School	2.09	2.46	2.78	2.93	3.08	3.23	3.38	3.70	4.07	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.37: Language Usage Grade 7
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean SD		CGI	20	30	40	45	50	55	60	70	80
10	193.58	2.34	6.79	Student	-3.38	-1.22	0.62	1.48	2.34	3.19	4.06	5.90	8.05	
	204.04	0.24	1.76	School	-1.24	-0.68	-0.21	0.02	0.24	0.46	0.69	1.17	1.72	
15	197.30	1.81	6.79	Student	-3.90	-1.75	0.09	0.96	1.81	2.66	3.53	5.37	7.53	
	205.76	0.12	1.76	School	-1.37	-0.81	-0.33	-0.11	0.12	0.34	0.56	1.04	1.60	
20	200.27	1.39	6.79	Student	-4.32	-2.17	-0.33	0.54	1.39	2.25	3.11	4.95	7.11	
	207.13	0.02	1.76	School	-1.47	-0.91	-0.43	-0.21	0.02	0.24	0.46	0.94	1.50	
25	202.81	1.04	6.79	Student	-4.68	-2.53	-0.69	0.18	1.04	1.89	2.76	4.60	6.75	
	208.31	-0.07	1.76	School	-1.55	-0.99	-0.52	-0.29	-0.07	0.15	0.38	0.86	1.42	
30	205.09	0.71	6.79	Student	-5.00	-2.85	-1.01	-0.14	0.71	1.57	2.43	4.27	6.43	
	209.37	-0.14	1.76	School	-1.63	-1.07	-0.59	-0.37	-0.14	0.08	0.30	0.78	1.34	
35	207.20	0.42	6.79	Student	-5.30	-3.15	-1.31	-0.44	0.42	1.27	2.14	3.98	6.13	
	210.35	-0.22	1.76	School	-1.70	-1.14	-0.66	-0.44	-0.22	0.01	0.23	0.71	1.27	
40	209.21	0.13	6.79	Student	-5.58	-3.43	-1.59	-0.72	0.13	0.99	1.85	3.69	5.85	
	211.28	-0.28	1.76	School	-1.77	-1.21	-0.73	-0.50	-0.28	-0.06	0.16	0.64	1.20	
45	211.15	-0.14	6.79	Student	-5.86	-3.70	-1.86	-0.99	-0.14	0.71	1.58	3.42	5.57	
	212.18	-0.35	1.76	School	-1.83	-1.27	-0.79	-0.57	-0.35	-0.13	0.10	0.58	1.14	
50	213.06	-0.41	6.79	Student	-6.13	-3.97	-2.13	-1.26	-0.41	0.44	1.31	3.15	5.30	
	213.06	-0.41	1.76	School	-1.90	-1.34	-0.86	-0.63	-0.41	-0.19	0.04	0.51	1.07	
55	214.97	-0.68	6.79	Student	-6.40	-4.24	-2.40	-1.53	-0.68	0.17	1.04	2.88	5.03	
	213.94	-0.47	1.76	School	-1.96	-1.40	-0.92	-0.70	-0.47	-0.25	-0.03	0.45	1.01	
60	216.91	-0.95	6.79	Student	-6.67	-4.52	-2.67	-1.81	-0.95	-0.10	0.77	2.61	4.76	
	214.84	-0.54	1.76	School	-2.02	-1.46	-0.99	-0.76	-0.54	-0.32	-0.09	0.39	0.94	
65	218.92	-1.24	6.79	Student	-6.95	-4.80	-2.96	-2.09	-1.24	-0.38	0.48	2.32	4.48	
	215.77	-0.61	1.76	School	-2.09	-1.53	-1.05	-0.83	-0.61	-0.38	-0.16	0.32	0.88	
70	221.03	-1.54	6.79	Student	-7.25	-5.10	-3.26	-2.39	-1.54	-0.68	0.18	2.03	4.18	
	216.75	-0.68	1.76	School	-2.16	-1.60	-1.12	-0.90	-0.68	-0.46	-0.23	0.25	0.81	
75	223.31	-1.86	6.79	Student	-7.57	-5.42	-3.58	-2.71	-1.86	-1.00	-0.14	1.70	3.86	
	217.81	-0.75	1.76	School	-2.24	-1.68	-1.20	-0.98	-0.75	-0.53	-0.31	0.17	0.73	
80	225.85	-2.22	6.79	Student	-7.93	-5.78	-3.94	-3.07	-2.22	-1.36	-0.50	1.35	3.50	
	218.98	-0.84	1.76	School	-2.32	-1.76	-1.29	-1.06	-0.84	-0.62	-0.39	0.09	0.65	
85	228.82	-2.63	6.79	Student	-8.35	-6.19	-4.35	-3.49	-2.63	-1.78	-0.91	0.93	3.08	
	220.36	-0.94	1.76	School	-2.42	-1.86	-1.38	-1.16	-0.94	-0.72	-0.49	-0.01	0.55	
90	232.54	-3.16	6.79	Student	-8.87	-6.72	-4.88	-4.01	-3.16	-2.31	-1.44	0.40	2.56	
	222.08	-1.06	1.76	School	-2.55	-1.99	-1.51	-1.28	-1.06	-0.84	-0.62	-0.14	0.42	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.38: Language Usage Grade 7
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	193.58	5.90	5.67	Student	1.13	2.93	4.47	5.19	5.90	6.62	7.34	8.88	10.67	
	204.04	4.12	1.44	School	2.91	3.37	3.76	3.94	4.12	4.30	4.49	4.88	5.33	
15	197.30	5.43	5.67	Student	0.66	2.46	3.99	4.72	5.43	6.14	6.86	8.40	10.20	
	205.76	3.99	1.44	School	2.77	3.23	3.62	3.81	3.99	4.17	4.35	4.74	5.20	
20	200.27	5.05	5.67	Student	0.28	2.08	3.61	4.34	5.05	5.76	6.48	8.02	9.82	
	207.13	3.88	1.44	School	2.67	3.12	3.51	3.70	3.88	4.06	4.24	4.63	5.09	
25	202.81	4.72	5.67	Student	-0.05	1.75	3.29	4.01	4.72	5.44	6.16	7.70	9.49	
	208.31	3.79	1.44	School	2.57	3.03	3.42	3.60	3.79	3.97	4.15	4.54	5.00	
30	205.09	4.43	5.67	Student	-0.34	1.46	3.00	3.72	4.43	5.14	5.87	7.40	9.20	
	209.37	3.70	1.44	School	2.49	2.95	3.34	3.52	3.70	3.88	4.07	4.46	4.91	
35	207.20	4.16	5.67	Student	-0.61	1.19	2.73	3.45	4.16	4.87	5.60	7.13	8.93	
	210.35	3.63	1.44	School	2.41	2.87	3.26	3.44	3.63	3.81	3.99	4.38	4.84	
40	209.21	3.90	5.67	Student	-0.86	0.93	2.47	3.19	3.90	4.62	5.34	6.88	8.67	
	211.28	3.55	1.44	School	2.34	2.80	3.19	3.37	3.55	3.73	3.92	4.31	4.76	
45	211.15	3.66	5.67	Student	-1.11	0.68	2.22	2.94	3.66	4.37	5.09	6.63	8.43	
	212.18	3.48	1.44	School	2.27	2.73	3.12	3.30	3.48	3.66	3.85	4.24	4.69	
50	213.06	3.41	5.67	Student	-1.36	0.44	1.98	2.70	3.41	4.12	4.85	6.38	8.18	
	213.06	3.41	1.44	School	2.20	2.66	3.05	3.23	3.41	3.59	3.78	4.17	4.62	
55	214.97	3.17	5.67	Student	-1.60	0.20	1.73	2.46	3.17	3.88	4.60	6.14	7.94	
	213.94	3.34	1.44	School	2.13	2.59	2.98	3.16	3.34	3.52	3.71	4.10	4.55	
60	216.91	2.92	5.67	Student	-1.85	-0.05	1.48	2.21	2.92	3.63	4.36	5.89	7.69	
	214.84	3.27	1.44	School	2.06	2.52	2.91	3.09	3.27	3.45	3.64	4.03	4.48	
65	218.92	2.66	5.67	Student	-2.11	-0.31	1.23	1.95	2.66	3.38	4.10	5.63	7.43	
	215.77	3.20	1.44	School	1.99	2.44	2.83	3.02	3.20	3.38	3.56	3.95	4.41	
70	221.03	2.39	5.67	Student	-2.38	-0.58	0.96	1.68	2.39	3.10	3.83	5.36	7.16	
	216.75	3.12	1.44	School	1.91	2.37	2.76	2.94	3.12	3.30	3.49	3.88	4.33	
75	223.31	2.10	5.67	Student	-2.67	-0.87	0.66	1.39	2.10	2.81	3.54	5.07	6.87	
	217.81	3.04	1.44	School	1.83	2.28	2.67	2.86	3.04	3.22	3.40	3.79	4.25	
80	225.85	1.78	5.67	Student	-2.99	-1.20	0.34	1.06	1.78	2.49	3.21	4.75	6.55	
	218.98	2.95	1.44	School	1.74	2.19	2.58	2.77	2.95	3.13	3.31	3.70	4.16	
85	228.82	1.40	5.67	Student	-3.37	-1.57	-0.04	0.68	1.40	2.11	2.83	4.37	6.17	
	220.36	2.84	1.44	School	1.63	2.08	2.47	2.66	2.84	3.02	3.20	3.59	4.05	
90	232.54	0.92	5.67	Student	-3.85	-2.05	-0.52	0.21	0.92	1.63	2.36	3.89	5.69	
	222.08	2.70	1.44	School	1.49	1.95	2.34	2.52	2.70	2.88	3.07	3.46	3.91	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.39: Language Usage Grade 7
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	193.79	4.08	4.76	Student	0.08	1.58	2.87	3.48	4.08	4.68	5.28	6.57	8.08	
	203.98	2.82	0.77	School	2.17	2.42	2.62	2.72	2.82	2.91	3.01	3.22	3.47	
15	197.40	3.80	4.76	Student	-0.20	1.31	2.60	3.20	3.80	4.40	5.01	6.30	7.80	
	205.64	2.78	0.77	School	2.13	2.38	2.59	2.69	2.78	2.88	2.98	3.19	3.43	
20	200.26	3.58	4.76	Student	-0.42	1.09	2.38	2.98	3.58	4.18	4.79	6.07	7.58	
	206.95	2.75	0.77	School	2.11	2.35	2.56	2.66	2.75	2.85	2.95	3.16	3.40	
25	202.72	3.39	4.76	Student	-0.61	0.90	2.19	2.79	3.39	3.99	4.60	5.89	7.39	
	208.09	2.73	0.77	School	2.08	2.33	2.53	2.63	2.73	2.83	2.92	3.13	3.38	
30	204.93	3.22	4.76	Student	-0.78	0.73	2.02	2.62	3.22	3.82	4.43	5.72	7.22	
	209.10	2.71	0.77	School	2.06	2.30	2.51	2.61	2.71	2.80	2.90	3.11	3.35	
35	206.98	3.06	4.76	Student	-0.94	0.57	1.86	2.47	3.06	3.66	4.27	5.56	7.07	
	210.04	2.69	0.77	School	2.04	2.28	2.49	2.59	2.69	2.78	2.88	3.09	3.33	
40	208.92	2.92	4.76	Student	-1.09	0.42	1.71	2.32	2.92	3.51	4.12	5.41	6.92	
	210.93	2.67	0.77	School	2.02	2.26	2.47	2.57	2.67	2.76	2.86	3.07	3.31	
45	210.80	2.77	4.76	Student	-1.23	0.28	1.57	2.17	2.77	3.37	3.98	5.26	6.77	
	211.80	2.65	0.77	School	2.00	2.24	2.45	2.55	2.65	2.74	2.84	3.05	3.29	
50	212.65	2.63	4.76	Student	-1.37	0.13	1.42	2.03	2.63	3.23	3.83	5.12	6.63	
	212.65	2.63	0.77	School	1.98	2.23	2.43	2.53	2.63	2.73	2.82	3.03	3.28	
55	214.50	2.49	4.76	Student	-1.52	-0.01	1.28	1.89	2.49	3.08	3.69	4.98	6.49	
	213.50	2.61	0.77	School	1.96	2.21	2.42	2.51	2.61	2.71	2.80	3.01	3.26	
60	216.38	2.34	4.76	Student	-1.66	-0.15	1.14	1.74	2.34	2.94	3.55	4.84	6.34	
	214.36	2.59	0.77	School	1.94	2.19	2.40	2.49	2.59	2.69	2.79	2.99	3.24	
65	218.32	2.19	4.76	Student	-1.81	-0.30	0.99	1.59	2.19	2.79	3.40	4.69	6.19	
	215.26	2.57	0.77	School	1.92	2.17	2.38	2.47	2.57	2.67	2.77	2.97	3.22	
70	220.37	2.03	4.76	Student	-1.97	-0.46	0.83	1.44	2.03	2.63	3.24	4.53	6.04	
	216.20	2.55	0.77	School	1.90	2.15	2.36	2.45	2.55	2.65	2.75	2.95	3.20	
75	222.58	1.87	4.76	Student	-2.14	-0.63	0.66	1.27	1.87	2.46	3.07	4.36	5.87	
	217.21	2.53	0.77	School	1.88	2.13	2.33	2.43	2.53	2.63	2.72	2.93	3.18	
80	225.04	1.68	4.76	Student	-2.33	-0.82	0.47	1.08	1.68	2.27	2.88	4.17	5.68	
	218.34	2.50	0.77	School	1.86	2.10	2.31	2.41	2.50	2.60	2.70	2.91	3.15	
85	227.90	1.46	4.76	Student	-2.55	-1.04	0.25	0.86	1.46	2.05	2.66	3.95	5.46	
	219.66	2.47	0.77	School	1.83	2.07	2.28	2.38	2.47	2.57	2.67	2.88	3.12	
90	231.51	1.18	4.76	Student	-2.82	-1.32	-0.03	0.58	1.18	1.78	2.38	3.67	5.18	
	221.32	2.44	0.77	School	1.79	2.04	2.24	2.34	2.44	2.54	2.63	2.84	3.09	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.40: Language Usage Grade 7
Fall To Spring Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	193.79	5.77	5.81	Student	0.88	2.73	4.30	5.04	5.77	6.50	7.25	8.82	10.66	
	203.98	4.16	1.34	School	3.02	3.45	3.81	3.99	4.16	4.32	4.50	4.86	5.29	
15	197.40	5.40	5.81	Student	0.51	2.35	3.93	4.67	5.40	6.13	6.87	8.45	10.29	
	205.64	4.09	1.34	School	2.96	3.39	3.75	3.92	4.09	4.26	4.43	4.80	5.22	
20	200.26	5.10	5.81	Student	0.22	2.06	3.63	4.37	5.10	5.83	6.58	8.15	9.99	
	206.95	4.04	1.34	School	2.91	3.34	3.70	3.87	4.04	4.21	4.38	4.75	5.17	
25	202.72	4.85	5.81	Student	-0.04	1.80	3.38	4.12	4.85	5.58	6.32	7.90	9.74	
	208.09	4.00	1.34	School	2.87	3.29	3.66	3.83	4.00	4.17	4.34	4.70	5.13	
30	204.93	4.62	5.81	Student	-0.27	1.58	3.15	3.89	4.62	5.35	6.09	7.67	9.51	
	209.10	3.96	1.34	School	2.83	3.25	3.62	3.79	3.96	4.13	4.30	4.66	5.09	
35	206.98	4.41	5.81	Student	-0.48	1.36	2.94	3.68	4.41	5.14	5.88	7.46	9.30	
	210.04	3.92	1.34	School	2.79	3.22	3.58	3.75	3.92	4.09	4.26	4.63	5.05	
40	208.92	4.21	5.81	Student	-0.68	1.16	2.74	3.48	4.21	4.94	5.68	7.25	9.10	
	210.93	3.89	1.34	School	2.76	3.18	3.55	3.72	3.89	4.06	4.23	4.59	5.02	
45	210.80	4.01	5.81	Student	-0.87	0.97	2.54	3.28	4.01	4.74	5.49	7.06	8.90	
	211.80	3.86	1.34	School	2.72	3.15	3.52	3.69	3.86	4.02	4.20	4.56	4.99	
50	212.65	3.82	5.81	Student	-1.07	0.78	2.35	3.09	3.82	4.55	5.29	6.87	8.71	
	212.65	3.82	1.34	School	2.69	3.12	3.48	3.65	3.82	3.99	4.16	4.53	4.95	
55	214.50	3.63	5.81	Student	-1.26	0.59	2.16	2.90	3.63	4.36	5.10	6.68	8.52	
	213.50	3.79	1.34	School	2.66	3.09	3.45	3.62	3.79	3.96	4.13	4.50	4.92	
60	216.38	3.44	5.81	Student	-1.45	0.39	1.97	2.71	3.44	4.17	4.91	6.48	8.33	
	214.36	3.76	1.34	School	2.63	3.05	3.42	3.59	3.76	3.93	4.10	4.46	4.89	
65	218.32	3.24	5.81	Student	-1.65	0.19	1.77	2.51	3.24	3.97	4.71	6.28	8.13	
	215.26	3.72	1.34	School	2.59	3.02	3.38	3.55	3.72	3.89	4.06	4.43	4.85	
70	220.37	3.03	5.81	Student	-1.86	-0.02	1.55	2.30	3.03	3.76	4.50	6.07	7.91	
	216.20	3.69	1.34	School	2.56	2.98	3.35	3.52	3.69	3.86	4.03	4.39	4.82	
75	222.58	2.80	5.81	Student	-2.09	-0.25	1.33	2.07	2.80	3.53	4.27	5.84	7.69	
	217.21	3.65	1.34	School	2.52	2.94	3.31	3.48	3.65	3.82	3.99	4.35	4.78	
80	225.04	2.54	5.81	Student	-2.35	-0.50	1.07	1.81	2.54	3.27	4.01	5.59	7.43	
	218.34	3.60	1.34	School	2.47	2.90	3.26	3.44	3.60	3.77	3.95	4.31	4.74	
85	227.90	2.25	5.81	Student	-2.64	-0.80	0.77	1.52	2.25	2.98	3.72	5.29	7.13	
	219.66	3.55	1.34	School	2.42	2.85	3.21	3.39	3.55	3.72	3.90	4.26	4.69	
90	231.51	1.87	5.81	Student	-3.02	-1.17	0.40	1.14	1.87	2.60	3.34	4.92	6.76	
	221.32	3.49	1.34	School	2.36	2.79	3.15	3.32	3.49	3.66	3.83	4.20	4.62	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.41: Language Usage Grade 7
Fall To N Fall Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	193.79	5.12	5.82	Student	0.23	2.07	3.65	4.39	5.12	5.85	6.59	8.17	10.02	
	203.98	4.04	1.25	School	2.99	3.39	3.72	3.88	4.04	4.20	4.36	4.69	5.09	
15	197.40	4.85	5.82	Student	-0.04	1.80	3.38	4.12	4.85	5.58	6.32	7.90	9.75	
	205.64	3.98	1.25	School	2.93	3.32	3.66	3.82	3.98	4.13	4.29	4.63	5.03	
20	200.26	4.64	5.82	Student	-0.26	1.59	3.16	3.91	4.64	5.37	6.11	7.69	9.53	
	206.95	3.93	1.25	School	2.88	3.27	3.61	3.77	3.93	4.08	4.24	4.58	4.98	
25	202.72	4.45	5.82	Student	-0.44	1.40	2.98	3.72	4.45	5.18	5.93	7.50	9.35	
	208.09	3.88	1.25	School	2.83	3.23	3.57	3.73	3.88	4.04	4.20	4.54	4.93	
30	204.93	4.29	5.82	Student	-0.61	1.24	2.81	3.56	4.29	5.02	5.76	7.34	9.18	
	209.10	3.84	1.25	School	2.79	3.19	3.53	3.69	3.84	4.00	4.16	4.50	4.89	
35	206.98	4.13	5.82	Student	-0.76	1.08	2.66	3.40	4.13	4.86	5.61	7.18	9.03	
	210.04	3.81	1.25	School	2.76	3.15	3.49	3.65	3.81	3.96	4.12	4.46	4.86	
40	208.92	3.99	5.82	Student	-0.91	0.94	2.51	3.26	3.99	4.72	5.46	7.04	8.88	
	210.93	3.77	1.25	School	2.72	3.12	3.46	3.62	3.77	3.93	4.09	4.43	4.82	
45	210.80	3.85	5.82	Student	-1.05	0.80	2.37	3.12	3.85	4.58	5.32	6.90	8.74	
	211.80	3.74	1.25	School	2.69	3.09	3.42	3.58	3.74	3.90	4.06	4.39	4.79	
50	212.65	3.71	5.82	Student	-1.19	0.66	2.23	2.98	3.71	4.44	5.18	6.76	8.60	
	212.65	3.71	1.25	School	2.66	3.05	3.39	3.55	3.71	3.86	4.02	4.36	4.76	
55	214.50	3.57	5.82	Student	-1.33	0.52	2.10	2.84	3.57	4.30	5.04	6.62	8.46	
	213.50	3.68	1.25	School	2.63	3.02	3.36	3.52	3.68	3.83	3.99	4.33	4.73	
60	216.38	3.43	5.82	Student	-1.47	0.38	1.96	2.70	3.43	4.16	4.90	6.48	8.32	
	214.36	3.64	1.25	School	2.59	2.99	3.33	3.49	3.64	3.80	3.96	4.30	4.69	
65	218.32	3.28	5.82	Student	-1.61	0.23	1.81	2.55	3.28	4.01	4.76	6.33	8.18	
	215.26	3.61	1.25	School	2.56	2.95	3.29	3.45	3.61	3.76	3.92	4.26	4.66	
70	220.37	3.13	5.82	Student	-1.77	0.08	1.66	2.40	3.13	3.86	4.60	6.18	8.03	
	216.20	3.57	1.25	School	2.52	2.92	3.26	3.42	3.57	3.73	3.89	4.23	4.62	
75	222.58	2.96	5.82	Student	-1.93	-0.09	1.49	2.23	2.96	3.70	4.44	6.01	7.86	
	217.21	3.53	1.25	School	2.48	2.88	3.22	3.38	3.53	3.69	3.85	4.19	4.58	
80	225.04	2.78	5.82	Student	-2.11	-0.27	1.31	2.05	2.78	3.51	4.25	5.83	7.68	
	218.34	3.49	1.25	School	2.44	2.84	3.17	3.33	3.49	3.65	3.81	4.14	4.54	
85	227.90	2.57	5.82	Student	-2.33	-0.48	1.09	1.83	2.57	3.30	4.04	5.62	7.46	
	219.66	3.44	1.25	School	2.39	2.79	3.12	3.28	3.44	3.60	3.76	4.09	4.49	
90	231.51	2.30	5.82	Student	-2.60	-0.75	0.82	1.56	2.30	3.03	3.77	5.35	7.19	
	221.32	3.38	1.25	School	2.33	2.72	3.06	3.22	3.38	3.53	3.69	4.03	4.43	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.42: Language Usage Grade 7
Winter To Spring Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	196.83	2.11	4.56	Student	-1.73	-0.28	0.96	1.54	2.11	2.69	3.27	4.51	5.95		
	206.74	1.25	0.59	School	0.76	0.94	1.10	1.18	1.25	1.32	1.40	1.56	1.74		
15	200.36	1.94	4.56	Student	-1.90	-0.45	0.78	1.36	1.94	2.51	3.09	4.33	5.78		
	208.37	1.24	0.59	School	0.75	0.93	1.09	1.17	1.24	1.31	1.39	1.55	1.73		
20	203.16	1.80	4.56	Student	-2.04	-0.59	0.64	1.22	1.80	2.37	2.95	4.19	5.64		
	209.67	1.23	0.59	School	0.74	0.92	1.08	1.16	1.23	1.31	1.38	1.54	1.72		
25	205.57	1.68	4.56	Student	-2.16	-0.71	0.52	1.11	1.68	2.25	2.83	4.07	5.52		
	210.78	1.22	0.59	School	0.73	0.92	1.08	1.15	1.22	1.30	1.37	1.53	1.72		
30	207.73	1.57	4.56	Student	-2.27	-0.82	0.42	1.00	1.57	2.14	2.73	3.96	5.41		
	211.78	1.22	0.59	School	0.72	0.91	1.07	1.14	1.22	1.29	1.37	1.53	1.71		
35	209.73	1.47	4.56	Student	-2.37	-0.92	0.32	0.90	1.47	2.04	2.63	3.86	5.31		
	212.71	1.21	0.59	School	0.72	0.90	1.06	1.14	1.21	1.29	1.36	1.52	1.70		
40	211.63	1.38	4.56	Student	-2.46	-1.02	0.22	0.80	1.38	1.95	2.53	3.77	5.22		
	213.59	1.21	0.59	School	0.71	0.90	1.06	1.13	1.21	1.28	1.35	1.51	1.70		
45	213.47	1.28	4.56	Student	-2.55	-1.11	0.13	0.71	1.28	1.86	2.44	3.68	5.12		
	214.44	1.20	0.59	School	0.71	0.89	1.05	1.13	1.20	1.27	1.35	1.51	1.69		
50	215.28	1.19	4.56	Student	-2.64	-1.20	0.04	0.62	1.19	1.77	2.35	3.59	5.03		
	215.28	1.19	0.59	School	0.70	0.89	1.05	1.12	1.19	1.27	1.34	1.50	1.69		
55	217.09	1.10	4.56	Student	-2.73	-1.29	-0.05	0.53	1.10	1.68	2.26	3.50	4.94		
	216.11	1.19	0.59	School	0.70	0.88	1.04	1.12	1.19	1.26	1.34	1.50	1.68		
60	218.92	1.01	4.56	Student	-2.83	-1.38	-0.14	0.44	1.01	1.59	2.17	3.40	4.85		
	216.97	1.18	0.59	School	0.69	0.88	1.04	1.11	1.18	1.26	1.33	1.49	1.68		
65	220.82	0.92	4.56	Student	-2.92	-1.47	-0.24	0.35	0.92	1.49	2.07	3.31	4.76		
	217.84	1.18	0.59	School	0.68	0.87	1.03	1.10	1.18	1.25	1.33	1.49	1.67		
70	222.83	0.82	4.56	Student	-3.02	-1.57	-0.34	0.25	0.82	1.39	1.97	3.21	4.66		
	218.77	1.17	0.59	School	0.68	0.86	1.02	1.10	1.17	1.25	1.32	1.48	1.66		
75	224.99	0.71	4.56	Student	-3.13	-1.68	-0.44	0.14	0.71	1.28	1.87	3.10	4.55		
	219.77	1.16	0.59	School	0.67	0.86	1.02	1.09	1.16	1.24	1.31	1.47	1.66		
80	227.39	0.59	4.56	Student	-3.25	-1.80	-0.56	0.02	0.59	1.16	1.75	2.98	4.43		
	220.88	1.16	0.59	School	0.66	0.85	1.01	1.08	1.16	1.23	1.31	1.46	1.65		
85	230.20	0.45	4.56	Student	-3.39	-1.94	-0.70	-0.12	0.45	1.02	1.61	2.84	4.29		
	222.18	1.15	0.59	School	0.66	0.84	1.00	1.08	1.15	1.22	1.30	1.46	1.64		
90	233.72	0.28	4.56	Student	-3.56	-2.12	-0.88	-0.30	0.28	0.85	1.43	2.67	4.11		
	223.82	1.14	0.59	School	0.65	0.83	0.99	1.06	1.14	1.21	1.29	1.45	1.63		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.43: Language Usage Grade 8
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	195.70	5.00	5.66	Student	0.24	2.03	3.57	4.29	5.00	5.71	6.44	7.97	9.77
	205.66	3.66	1.25	School	2.61	3.01	3.35	3.51	3.66	3.82	3.98	4.32	4.72
15	199.30	4.66	5.66	Student	-0.11	1.69	3.22	3.94	4.66	5.37	6.09	7.63	9.42
	207.36	3.58	1.25	School	2.53	2.92	3.26	3.42	3.58	3.73	3.89	4.23	4.63
20	202.16	4.38	5.66	Student	-0.38	1.41	2.95	3.67	4.38	5.09	5.82	7.35	9.15
	208.71	3.50	1.25	School	2.45	2.85	3.19	3.35	3.50	3.66	3.82	4.16	4.56
25	204.62	4.15	5.66	Student	-0.62	1.18	2.71	3.44	4.15	4.86	5.58	7.12	8.91
	209.86	3.44	1.25	School	2.39	2.79	3.13	3.29	3.44	3.60	3.76	4.10	4.49
30	206.82	3.94	5.66	Student	-0.83	0.97	2.50	3.22	3.94	4.65	5.37	6.91	8.70
	210.90	3.39	1.25	School	2.34	2.73	3.07	3.23	3.39	3.55	3.71	4.04	4.44
35	208.87	3.74	5.66	Student	-1.03	0.77	2.31	3.03	3.74	4.45	5.17	6.71	8.51
	211.86	3.34	1.25	School	2.29	2.68	3.02	3.18	3.34	3.50	3.65	3.99	4.39
40	210.81	3.55	5.66	Student	-1.21	0.59	2.12	2.84	3.55	4.27	4.99	6.52	8.32
	212.78	3.29	1.25	School	2.24	2.64	2.97	3.13	3.29	3.45	3.61	3.94	4.34
45	212.69	3.37	5.66	Student	-1.39	0.41	1.94	2.66	3.37	4.09	4.81	6.34	8.14
	213.66	3.24	1.25	School	2.19	2.59	2.93	3.09	3.24	3.40	3.56	3.90	4.29
50	214.53	3.20	5.66	Student	-1.57	0.23	1.76	2.49	3.20	3.91	4.63	6.17	7.96
	214.53	3.20	1.25	School	2.15	2.54	2.88	3.04	3.20	3.35	3.51	3.85	4.25
55	216.38	3.02	5.66	Student	-1.74	0.05	1.59	2.31	3.02	3.73	4.46	5.99	7.79
	215.40	3.15	1.25	School	2.10	2.50	2.84	3.00	3.15	3.31	3.47	3.81	4.20
60	218.26	2.84	5.66	Student	-1.92	-0.13	1.41	2.13	2.84	3.55	4.28	5.81	7.61
	216.29	3.11	1.25	School	2.06	2.45	2.79	2.95	3.11	3.26	3.42	3.76	4.16
65	220.20	2.66	5.66	Student	-2.11	-0.31	1.22	1.94	2.66	3.37	4.09	5.63	7.42
	217.20	3.06	1.25	School	2.01	2.40	2.74	2.90	3.06	3.21	3.37	3.71	4.11
70	222.24	2.46	5.66	Student	-2.31	-0.51	1.03	1.75	2.46	3.17	3.89	5.43	7.23
	218.16	3.01	1.25	School	1.96	2.35	2.69	2.85	3.01	3.16	3.32	3.66	4.06
75	224.45	2.25	5.66	Student	-2.52	-0.72	0.81	1.54	2.25	2.96	3.68	5.22	7.01
	219.20	2.95	1.25	School	1.90	2.30	2.64	2.80	2.95	3.11	3.27	3.61	4.00
80	226.90	2.01	5.66	Student	-2.75	-0.96	0.58	1.30	2.01	2.73	3.45	4.98	6.78
	220.36	2.89	1.25	School	1.84	2.24	2.58	2.73	2.89	3.05	3.21	3.55	3.94
85	229.77	1.74	5.66	Student	-3.03	-1.23	0.31	1.03	1.74	2.45	3.17	4.71	6.51
	221.71	2.82	1.25	School	1.77	2.17	2.50	2.66	2.82	2.98	3.14	3.47	3.87
90	233.37	1.39	5.66	Student	-3.37	-1.57	-0.04	0.68	1.39	2.11	2.83	4.36	6.16
	223.41	2.73	1.25	School	1.68	2.08	2.41	2.57	2.73	2.89	3.05	3.39	3.78

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.44: Language Usage Grade 8
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	196.68	2.01	6.66	Student	-3.60	-1.48	0.32	1.17	2.01	2.85	3.70	5.51	7.62	
	206.81	0.19	1.34	School	-0.93	-0.51	-0.15	0.03	0.19	0.36	0.53	0.90	1.32	
15	200.32	1.59	6.66	Student	-4.01	-1.90	-0.09	0.76	1.59	2.43	3.28	5.09	7.20	
	208.51	0.12	1.34	School	-1.00	-0.58	-0.22	-0.04	0.12	0.29	0.46	0.83	1.25	
20	203.21	1.26	6.66	Student	-4.34	-2.23	-0.42	0.43	1.26	2.10	2.95	4.76	6.87	
	209.86	0.07	1.34	School	-1.06	-0.63	-0.27	-0.10	0.07	0.24	0.41	0.77	1.20	
25	205.69	0.98	6.66	Student	-4.63	-2.52	-0.71	0.14	0.98	1.82	2.67	4.47	6.59	
	211.03	0.02	1.34	School	-1.11	-0.68	-0.32	-0.15	0.02	0.19	0.36	0.73	1.15	
30	207.92	0.72	6.66	Student	-4.88	-2.77	-0.96	-0.11	0.72	1.56	2.41	4.22	6.33	
	212.07	-0.02	1.34	School	-1.15	-0.72	-0.36	-0.19	-0.02	0.15	0.32	0.68	1.11	
35	209.99	0.49	6.66	Student	-5.12	-3.01	-1.20	-0.35	0.49	1.32	2.17	3.98	6.09	
	213.03	-0.06	1.34	School	-1.19	-0.76	-0.40	-0.23	-0.06	0.11	0.28	0.64	1.07	
40	211.95	0.26	6.66	Student	-5.35	-3.23	-1.43	-0.58	0.26	1.10	1.95	3.76	5.87	
	213.95	-0.10	1.34	School	-1.23	-0.80	-0.44	-0.27	-0.10	0.07	0.24	0.61	1.03	
45	213.84	0.04	6.66	Student	-5.56	-3.45	-1.64	-0.79	0.04	0.88	1.73	3.54	5.65	
	214.84	-0.13	1.34	School	-1.26	-0.84	-0.47	-0.30	-0.13	0.03	0.21	0.57	1.00	
50	215.71	-0.17	6.66	Student	-5.78	-3.66	-1.86	-1.01	-0.17	0.67	1.52	3.32	5.44	
	215.71	-0.17	1.34	School	-1.30	-0.87	-0.51	-0.34	-0.17	-0.00	0.17	0.53	0.96	
55	217.57	-0.38	6.66	Student	-5.99	-3.88	-2.07	-1.22	-0.38	0.45	1.30	3.11	5.22	
	216.58	-0.21	1.34	School	-1.33	-0.91	-0.55	-0.37	-0.21	-0.04	0.13	0.50	0.92	
60	219.47	-0.60	6.66	Student	-6.21	-4.09	-2.29	-1.44	-0.60	0.24	1.09	2.89	5.01	
	217.47	-0.24	1.34	School	-1.37	-0.95	-0.58	-0.41	-0.24	-0.07	0.10	0.46	0.89	
65	221.43	-0.83	6.66	Student	-6.43	-4.32	-2.51	-1.66	-0.83	0.01	0.86	2.67	4.78	
	218.38	-0.28	1.34	School	-1.41	-0.98	-0.62	-0.45	-0.28	-0.11	0.06	0.42	0.85	
70	223.49	-1.06	6.66	Student	-6.67	-4.56	-2.75	-1.90	-1.06	-0.22	0.63	2.43	4.55	
	219.35	-0.32	1.34	School	-1.45	-1.02	-0.66	-0.49	-0.32	-0.15	0.02	0.39	0.81	
75	225.72	-1.32	6.66	Student	-6.93	-4.81	-3.01	-2.15	-1.32	-0.48	0.37	2.18	4.29	
	220.39	-0.36	1.34	School	-1.49	-1.06	-0.70	-0.53	-0.36	-0.19	-0.02	0.34	0.77	
80	228.20	-1.60	6.66	Student	-7.21	-5.10	-3.29	-2.44	-1.60	-0.76	0.09	1.89	4.01	
	221.55	-0.41	1.34	School	-1.54	-1.11	-0.75	-0.58	-0.41	-0.24	-0.07	0.30	0.72	
85	231.10	-1.93	6.66	Student	-7.54	-5.43	-3.62	-2.77	-1.93	-1.10	-0.25	1.56	3.67	
	222.90	-0.46	1.34	School	-1.59	-1.17	-0.80	-0.63	-0.46	-0.30	-0.12	0.24	0.67	
90	234.74	-2.35	6.66	Student	-7.96	-5.85	-4.04	-3.19	-2.35	-1.51	-0.66	1.14	3.26	
	224.61	-0.53	1.34	School	-1.66	-1.24	-0.87	-0.70	-0.53	-0.36	-0.19	0.17	0.60	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.45: Language Usage Grade 8
Last Spring To Spring Conditional Growth Percentile

Start Status	Growth	Conditional Growth											
		CGP	20	30	40	45	50	55	60	70	80		
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	196.68	5.24	6.31	Student	-0.07	1.93	3.64	4.45	5.24	6.03	6.84	8.55	10.55
	206.81	3.64	1.58	School	2.31	2.81	3.24	3.44	3.64	3.84	4.04	4.47	4.97
15	200.32	4.82	6.31	Student	-0.49	1.51	3.22	4.03	4.82	5.61	6.42	8.13	10.13
	208.51	3.53	1.58	School	2.20	2.70	3.13	3.33	3.53	3.72	3.92	4.35	4.85
20	203.21	4.48	6.31	Student	-0.83	1.18	2.89	3.69	4.48	5.28	6.08	7.79	9.79
	209.86	3.43	1.58	School	2.11	2.61	3.03	3.23	3.43	3.63	3.83	4.26	4.76
25	205.69	4.20	6.31	Student	-1.11	0.89	2.60	3.40	4.20	4.99	5.79	7.50	9.51
	211.03	3.35	1.58	School	2.03	2.53	2.95	3.16	3.35	3.55	3.75	4.18	4.68
30	207.92	3.94	6.31	Student	-1.37	0.63	2.34	3.15	3.94	4.73	5.54	7.25	9.25
	212.07	3.28	1.58	School	1.96	2.46	2.88	3.09	3.28	3.48	3.68	4.11	4.61
35	209.99	3.70	6.31	Student	-1.61	0.39	2.10	2.91	3.70	4.49	5.30	7.01	9.01
	213.03	3.22	1.58	School	1.89	2.39	2.82	3.02	3.22	3.42	3.62	4.04	4.55
40	211.95	3.47	6.31	Student	-1.84	0.16	1.87	2.68	3.47	4.26	5.07	6.78	8.78
	213.95	3.16	1.58	School	1.83	2.33	2.76	2.96	3.16	3.35	3.55	3.98	4.48
45	213.84	3.25	6.31	Student	-2.06	-0.06	1.65	2.46	3.25	4.04	4.85	6.56	8.56
	214.84	3.09	1.58	School	1.77	2.27	2.70	2.90	3.09	3.29	3.49	3.92	4.42
50	215.71	3.04	6.31	Student	-2.27	-0.27	1.44	2.24	3.04	3.83	4.63	6.34	8.34
	215.71	3.04	1.58	School	1.71	2.21	2.64	2.84	3.04	3.23	3.44	3.86	4.36
55	217.57	2.82	6.31	Student	-2.49	-0.49	1.22	2.03	2.82	3.61	4.42	6.13	8.13
	216.58	2.98	1.58	School	1.65	2.15	2.58	2.78	2.98	3.17	3.38	3.80	4.30
60	219.47	2.60	6.31	Student	-2.71	-0.71	1.00	1.81	2.60	3.39	4.20	5.91	7.91
	217.47	2.92	1.58	School	1.59	2.09	2.52	2.72	2.92	3.11	3.32	3.74	4.24
65	221.43	2.37	6.31	Student	-2.94	-0.94	0.77	1.58	2.37	3.17	3.97	5.68	7.68
	218.38	2.85	1.58	School	1.53	2.03	2.45	2.66	2.85	3.05	3.25	3.68	4.18
70	223.49	2.13	6.31	Student	-3.18	-1.17	0.54	1.34	2.13	2.93	3.73	5.44	7.44
	219.35	2.79	1.58	School	1.46	1.96	2.39	2.59	2.79	2.99	3.19	3.62	4.12
75	225.72	1.88	6.31	Student	-3.43	-1.43	0.28	1.08	1.88	2.67	3.47	5.18	7.18
	220.39	2.72	1.58	School	1.39	1.89	2.32	2.52	2.72	2.92	3.12	3.54	4.04
80	228.20	1.59	6.31	Student	-3.72	-1.72	-0.01	0.79	1.59	2.38	3.19	4.90	6.90
	221.55	2.64	1.58	School	1.31	1.81	2.24	2.44	2.64	2.84	3.04	3.47	3.97
85	231.10	1.25	6.31	Student	-4.06	-2.06	-0.35	0.46	1.25	2.04	2.85	4.56	6.56
	222.90	2.55	1.58	School	1.22	1.72	2.15	2.35	2.55	2.74	2.95	3.37	3.87
90	234.74	0.83	6.31	Student	-4.48	-2.48	-0.77	0.04	0.83	1.62	2.43	4.14	6.14
	224.61	2.43	1.58	School	1.10	1.60	2.03	2.23	2.43	2.63	2.83	3.26	3.76

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.46: Language Usage Grade 8
Fall To Winter Conditional Growth Percentile

Start %ile	Status			Growth	CGP	Conditional Growth											
	RIT	Mean	SD			CGI	20	30	40	45	50	55	60	70	80		
10	196.65	3.67	4.91	Student	-0.47	1.09	2.42	3.05	3.67	4.29	4.91	6.24	7.80				
	206.83	2.41	0.84	School	1.70	1.97	2.20	2.30	2.41	2.51	2.62	2.85	3.12				
15	200.26	3.39	4.91	Student	-0.75	0.81	2.14	2.77	3.39	4.00	4.63	5.96	7.52				
	208.50	2.37	0.84	School	1.66	1.93	2.15	2.26	2.37	2.47	2.58	2.81	3.07				
20	203.13	3.16	4.91	Student	-0.97	0.59	1.92	2.54	3.16	3.78	4.41	5.74	7.30				
	209.82	2.33	0.84	School	1.63	1.89	2.12	2.23	2.33	2.44	2.55	2.77	3.04				
25	205.60	2.97	4.91	Student	-1.17	0.39	1.72	2.35	2.97	3.59	4.21	5.54	7.10				
	210.96	2.31	0.84	School	1.60	1.87	2.09	2.20	2.31	2.41	2.52	2.75	3.01				
30	207.81	2.80	4.91	Student	-1.34	0.22	1.55	2.18	2.80	3.41	4.04	5.37	6.93				
	211.98	2.28	0.84	School	1.57	1.84	2.07	2.17	2.28	2.39	2.49	2.72	2.99				
35	209.86	2.64	4.91	Student	-1.50	0.06	1.39	2.02	2.64	3.25	3.88	5.21	6.77				
	212.92	2.26	0.84	School	1.55	1.82	2.04	2.15	2.26	2.36	2.47	2.70	2.96				
40	211.80	2.48	4.91	Student	-1.65	-0.09	1.24	1.87	2.48	3.10	3.73	5.06	6.62				
	213.82	2.23	0.84	School	1.53	1.79	2.02	2.13	2.23	2.34	2.45	2.67	2.94				
45	213.69	2.34	4.91	Student	-1.80	-0.24	1.09	1.72	2.34	2.95	3.58	4.91	6.47				
	214.69	2.21	0.84	School	1.51	1.77	2.00	2.11	2.21	2.32	2.43	2.65	2.92				
50	215.54	2.19	4.91	Student	-1.94	-0.38	0.95	1.57	2.19	2.81	3.44	4.77	6.33				
	215.54	2.19	0.84	School	1.48	1.75	1.98	2.09	2.19	2.30	2.40	2.63	2.90				
55	217.39	2.05	4.91	Student	-2.09	-0.53	0.80	1.43	2.05	2.66	3.29	4.62	6.18				
	216.39	2.17	0.84	School	1.46	1.73	1.96	2.06	2.17	2.28	2.38	2.61	2.88				
60	219.27	1.90	4.91	Student	-2.23	-0.68	0.66	1.28	1.90	2.52	3.14	4.48	6.03				
	217.26	2.15	0.84	School	1.44	1.71	1.94	2.04	2.15	2.25	2.36	2.59	2.86				
65	221.22	1.75	4.91	Student	-2.39	-0.83	0.50	1.13	1.75	2.37	2.99	4.32	5.88				
	218.16	2.13	0.84	School	1.42	1.69	1.91	2.02	2.13	2.23	2.34	2.57	2.83				
70	223.27	1.59	4.91	Student	-2.55	-0.99	0.34	0.97	1.59	2.20	2.83	4.16	5.72				
	219.10	2.10	0.84	School	1.40	1.66	1.89	2.00	2.10	2.21	2.32	2.54	2.81				
75	225.48	1.41	4.91	Student	-2.72	-1.16	0.17	0.80	1.41	2.03	2.66	3.99	5.55				
	220.12	2.08	0.84	School	1.37	1.64	1.86	1.97	2.08	2.18	2.29	2.52	2.78				
80	227.94	1.22	4.91	Student	-2.91	-1.35	-0.02	0.60	1.22	1.84	2.47	3.80	5.36				
	221.26	2.05	0.84	School	1.34	1.61	1.84	1.94	2.05	2.15	2.26	2.49	2.76				
85	230.81	1.00	4.91	Student	-3.14	-1.58	-0.25	0.38	1.00	1.61	2.24	3.57	5.13				
	222.58	2.02	0.84	School	1.31	1.58	1.80	1.91	2.02	2.12	2.23	2.46	2.72				
90	234.43	0.72	4.91	Student	-3.42	-1.86	-0.53	0.10	0.72	1.33	1.96	3.29	4.85				
	224.24	1.97	0.84	School	1.27	1.53	1.76	1.87	1.97	2.08	2.19	2.41	2.68				

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.47: Language Usage Grade 8
Fall To Spring Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	196.65	5.20	6.20	Student	-0.01	1.95	3.63	4.42	5.20	5.98	6.77	8.45	10.42	
	206.83	3.59	1.47	School	2.35	2.82	3.21	3.40	3.59	3.77	3.96	4.36	4.82	
15	200.26	4.82	6.20	Student	-0.40	1.57	3.25	4.04	4.82	5.60	6.39	8.07	10.04	
	208.50	3.51	1.47	School	2.28	2.74	3.14	3.33	3.51	3.70	3.88	4.28	4.75	
20	203.13	4.52	6.20	Student	-0.70	1.27	2.95	3.74	4.52	5.30	6.09	7.77	9.73	
	209.82	3.45	1.47	School	2.22	2.68	3.08	3.27	3.45	3.64	3.83	4.23	4.69	
25	205.60	4.26	6.20	Student	-0.96	1.01	2.69	3.48	4.26	5.03	5.83	7.51	9.47	
	210.96	3.41	1.47	School	2.17	2.63	3.03	3.22	3.41	3.59	3.78	4.18	4.64	
30	207.81	4.02	6.20	Student	-1.19	0.77	2.45	3.24	4.02	4.80	5.59	7.27	9.24	
	211.98	3.36	1.47	School	2.12	2.59	2.99	3.18	3.36	3.55	3.73	4.13	4.60	
35	209.86	3.81	6.20	Student	-1.41	0.56	2.24	3.03	3.81	4.58	5.38	7.06	9.02	
	212.92	3.32	1.47	School	2.08	2.55	2.95	3.13	3.32	3.50	3.69	4.09	4.56	
40	211.80	3.60	6.20	Student	-1.62	0.35	2.03	2.82	3.60	4.38	5.17	6.85	8.82	
	213.82	3.28	1.47	School	2.04	2.51	2.91	3.10	3.28	3.46	3.65	4.05	4.52	
45	213.69	3.40	6.20	Student	-1.81	0.15	1.83	2.62	3.40	4.18	4.97	6.65	8.62	
	214.69	3.24	1.47	School	2.01	2.47	2.87	3.06	3.24	3.43	3.61	4.01	4.48	
50	215.54	3.21	6.20	Student	-2.01	-0.04	1.64	2.43	3.21	3.98	4.78	6.46	8.42	
	215.54	3.21	1.47	School	1.97	2.43	2.83	3.02	3.21	3.39	3.58	3.98	4.44	
55	217.39	3.01	6.20	Student	-2.21	-0.24	1.44	2.23	3.01	3.79	4.58	6.26	8.23	
	216.39	3.17	1.47	School	1.93	2.40	2.80	2.98	3.17	3.35	3.54	3.94	4.40	
60	219.27	2.81	6.20	Student	-2.41	-0.44	1.24	2.03	2.81	3.59	4.38	6.06	8.03	
	217.26	3.13	1.47	School	1.89	2.36	2.76	2.95	3.13	3.31	3.50	3.90	4.37	
65	221.22	2.60	6.20	Student	-2.61	-0.64	1.03	1.83	2.60	3.38	4.17	5.85	7.82	
	218.16	3.09	1.47	School	1.85	2.32	2.72	2.91	3.09	3.28	3.46	3.86	4.33	
70	223.27	2.39	6.20	Student	-2.83	-0.86	0.82	1.61	2.39	3.17	3.96	5.64	7.60	
	219.10	3.05	1.47	School	1.81	2.28	2.68	2.87	3.05	3.23	3.42	3.82	4.29	
75	225.48	2.15	6.20	Student	-3.06	-1.10	0.58	1.38	2.15	2.93	3.72	5.40	7.37	
	220.12	3.01	1.47	School	1.77	2.23	2.63	2.82	3.01	3.19	3.38	3.78	4.24	
80	227.94	1.89	6.20	Student	-3.32	-1.36	0.32	1.12	1.89	2.67	3.46	5.14	7.11	
	221.26	2.96	1.47	School	1.72	2.19	2.58	2.77	2.96	3.14	3.33	3.73	4.19	
85	230.81	1.59	6.20	Student	-3.63	-1.66	0.02	0.81	1.59	2.37	3.16	4.84	6.81	
	222.58	2.90	1.47	School	1.66	2.13	2.53	2.71	2.90	3.08	3.27	3.67	4.13	
90	234.43	1.21	6.20	Student	-4.01	-2.04	-0.36	0.43	1.21	1.99	2.78	4.46	6.42	
	224.24	2.83	1.47	School	1.59	2.05	2.45	2.64	2.83	3.01	3.20	3.60	4.06	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.48: Language Usage Grade 8
Fall To N Fall Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	196.65	2.92	6.51	Student	-2.56	-0.49	1.27	2.10	2.92	3.74	4.57	6.34	8.40		
	206.83	2.72	1.39	School	1.55	1.99	2.37	2.55	2.72	2.90	3.07	3.45	3.89		
15	200.26	2.86	6.51	Student	-2.62	-0.56	1.21	2.04	2.86	3.68	4.51	6.27	8.34		
	208.50	2.70	1.39	School	1.52	1.97	2.34	2.52	2.70	2.87	3.05	3.42	3.87		
20	203.13	2.81	6.51	Student	-2.67	-0.61	1.16	1.99	2.81	3.63	4.46	6.22	8.29		
	209.82	2.68	1.39	School	1.50	1.95	2.32	2.50	2.68	2.85	3.03	3.40	3.85		
25	205.60	2.76	6.51	Student	-2.72	-0.65	1.11	1.95	2.76	3.58	4.41	6.18	8.25		
	210.96	2.66	1.39	School	1.49	1.93	2.31	2.48	2.66	2.83	3.01	3.39	3.83		
30	207.81	2.72	6.51	Student	-2.76	-0.69	1.07	1.91	2.72	3.54	4.38	6.14	8.21		
	211.98	2.64	1.39	School	1.47	1.91	2.29	2.47	2.64	2.82	2.99	3.37	3.81		
35	209.86	2.69	6.51	Student	-2.79	-0.73	1.04	1.87	2.69	3.51	4.34	6.10	8.17		
	212.92	2.63	1.39	School	1.46	1.90	2.28	2.45	2.63	2.80	2.98	3.36	3.80		
40	211.80	2.65	6.51	Student	-2.83	-0.76	1.00	1.84	2.65	3.47	4.30	6.07	8.14		
	213.82	2.61	1.39	School	1.44	1.89	2.26	2.44	2.61	2.79	2.97	3.34	3.78		
45	213.69	2.62	6.51	Student	-2.86	-0.79	0.97	1.80	2.62	3.44	4.27	6.04	8.10		
	214.69	2.60	1.39	School	1.43	1.87	2.25	2.43	2.60	2.78	2.95	3.33	3.77		
50	215.54	2.59	6.51	Student	-2.89	-0.83	0.94	1.77	2.59	3.41	4.24	6.00	8.07		
	215.54	2.59	1.39	School	1.42	1.86	2.24	2.41	2.59	2.76	2.94	3.32	3.76		
55	217.39	2.56	6.51	Student	-2.93	-0.86	0.91	1.74	2.56	3.37	4.21	5.97	8.04		
	216.39	2.58	1.39	School	1.40	1.85	2.22	2.40	2.58	2.75	2.93	3.30	3.75		
60	219.27	2.52	6.51	Student	-2.96	-0.89	0.87	1.70	2.52	3.34	4.17	5.94	8.00		
	217.26	2.56	1.39	School	1.39	1.83	2.21	2.39	2.56	2.74	2.91	3.29	3.73		
65	221.22	2.49	6.51	Student	-2.99	-0.93	0.84	1.67	2.49	3.31	4.14	5.90	7.97		
	218.16	2.55	1.39	School	1.38	1.82	2.20	2.37	2.55	2.72	2.90	3.28	3.72		
70	223.27	2.45	6.51	Student	-3.03	-0.96	0.80	1.63	2.45	3.27	4.10	5.87	7.93		
	219.10	2.53	1.39	School	1.36	1.80	2.18	2.36	2.53	2.71	2.89	3.26	3.70		
75	225.48	2.41	6.51	Student	-3.07	-1.00	0.76	1.59	2.41	3.23	4.06	5.83	7.90		
	220.12	2.52	1.39	School	1.35	1.79	2.17	2.34	2.52	2.69	2.87	3.25	3.69		
80	227.94	2.37	6.51	Student	-3.11	-1.05	0.72	1.55	2.37	3.19	4.02	5.79	7.85		
	221.26	2.50	1.39	School	1.33	1.77	2.15	2.33	2.50	2.68	2.85	3.23	3.67		
85	230.81	2.32	6.51	Student	-3.16	-1.10	0.67	1.50	2.32	3.14	3.97	5.73	7.80		
	222.58	2.48	1.39	School	1.31	1.75	2.13	2.31	2.48	2.66	2.83	3.21	3.65		
90	234.43	2.25	6.51	Student	-3.23	-1.16	0.60	1.44	2.25	3.07	3.90	5.67	7.74		
	224.24	2.46	1.39	School	1.29	1.73	2.10	2.28	2.46	2.63	2.81	3.19	3.63		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.49: Language Usage Grade 8
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	199.22	1.85	4.67	Student	-2.08	-0.60	0.66	1.26	1.85	2.43	3.03	4.29	5.77
	209.17	1.07	0.64	School	0.53	0.74	0.91	0.99	1.07	1.15	1.24	1.41	1.61
15	202.76	1.69	4.67	Student	-2.24	-0.76	0.51	1.10	1.69	2.27	2.87	4.13	5.61
	210.81	1.06	0.64	School	0.52	0.73	0.90	0.98	1.06	1.14	1.22	1.40	1.60
20	205.57	1.56	4.67	Student	-2.37	-0.89	0.38	0.97	1.56	2.15	2.74	4.01	5.49
	212.11	1.05	0.64	School	0.51	0.72	0.89	0.97	1.05	1.13	1.22	1.39	1.59
25	207.99	1.45	4.67	Student	-2.48	-0.99	0.27	0.87	1.45	2.04	2.63	3.90	5.38
	213.23	1.05	0.64	School	0.51	0.71	0.88	0.96	1.05	1.13	1.21	1.38	1.58
30	210.15	1.35	4.67	Student	-2.57	-1.09	0.17	0.77	1.35	1.94	2.54	3.80	5.28
	214.23	1.04	0.64	School	0.50	0.70	0.88	0.96	1.04	1.12	1.20	1.37	1.58
35	212.16	1.26	4.67	Student	-2.66	-1.18	0.08	0.68	1.26	1.85	2.45	3.71	5.19
	215.16	1.03	0.64	School	0.49	0.70	0.87	0.95	1.03	1.11	1.19	1.37	1.57
40	214.07	1.18	4.67	Student	-2.75	-1.27	-0.00	0.59	1.18	1.76	2.36	3.63	5.11
	216.04	1.03	0.64	School	0.49	0.69	0.86	0.94	1.03	1.11	1.19	1.36	1.57
45	215.91	1.10	4.67	Student	-2.83	-1.35	-0.09	0.51	1.10	1.68	2.28	3.54	5.02
	216.89	1.02	0.64	School	0.48	0.68	0.86	0.94	1.02	1.10	1.18	1.36	1.56
50	217.73	1.01	4.67	Student	-2.91	-1.43	-0.17	0.43	1.01	1.60	2.20	3.46	4.94
	217.73	1.01	0.64	School	0.47	0.68	0.85	0.93	1.01	1.09	1.18	1.35	1.55
55	219.55	0.93	4.67	Student	-3.00	-1.51	-0.25	0.35	0.93	1.52	2.11	3.38	4.86
	218.57	1.01	0.64	School	0.47	0.67	0.85	0.93	1.01	1.09	1.17	1.34	1.55
60	221.39	0.85	4.67	Student	-3.08	-1.60	-0.33	0.26	0.85	1.44	2.03	3.30	4.78
	219.42	1.00	0.64	School	0.46	0.67	0.84	0.92	1.00	1.08	1.16	1.34	1.54
65	223.30	0.76	4.67	Student	-3.16	-1.68	-0.42	0.18	0.76	1.35	1.95	3.21	4.69
	220.30	1.00	0.64	School	0.46	0.66	0.83	0.91	1.00	1.08	1.16	1.33	1.54
70	225.31	0.67	4.67	Student	-3.25	-1.77	-0.51	0.09	0.67	1.26	1.85	3.12	4.60
	221.23	0.99	0.64	School	0.45	0.65	0.83	0.91	0.99	1.07	1.15	1.33	1.53
75	227.47	0.58	4.67	Student	-3.35	-1.87	-0.61	-0.01	0.58	1.16	1.76	3.02	4.50
	222.23	0.98	0.64	School	0.44	0.65	0.82	0.90	0.98	1.06	1.14	1.32	1.52
80	229.89	0.47	4.67	Student	-3.46	-1.98	-0.72	-0.12	0.47	1.05	1.65	2.91	4.39
	223.35	0.97	0.64	School	0.43	0.64	0.81	0.89	0.97	1.05	1.14	1.31	1.51
85	232.70	0.34	4.67	Student	-3.59	-2.11	-0.84	-0.25	0.34	0.93	1.52	2.79	4.27
	224.65	0.96	0.64	School	0.43	0.63	0.80	0.88	0.96	1.05	1.13	1.30	1.50
90	236.24	0.18	4.67	Student	-3.75	-2.27	-1.00	-0.41	0.18	0.77	1.36	2.63	4.11
	226.29	0.95	0.64	School	0.41	0.62	0.79	0.87	0.95	1.03	1.12	1.29	1.49

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.50: Language Usage Grade 9
Last Winter To Winter Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	195.15	4.70	5.44	Student	0.12	1.85	3.33	4.02	4.70	5.39	6.08	7.56	9.28		
	206.07	2.95	1.13	School	2.00	2.36	2.66	2.81	2.95	3.09	3.24	3.54	3.90		
15	199.10	4.27	5.44	Student	-0.31	1.41	2.89	3.58	4.27	4.95	5.64	7.12	8.85		
	207.92	2.85	1.13	School	1.90	2.26	2.56	2.71	2.85	2.99	3.13	3.44	3.80		
20	202.23	3.92	5.44	Student	-0.66	1.06	2.54	3.23	3.92	4.60	5.30	6.77	8.50		
	209.40	2.77	1.13	School	1.82	2.17	2.48	2.62	2.77	2.91	3.05	3.36	3.72		
25	204.92	3.62	5.44	Student	-0.96	0.77	2.24	2.93	3.62	4.30	5.00	6.47	8.20		
	210.66	2.70	1.13	School	1.75	2.10	2.41	2.55	2.70	2.84	2.98	3.29	3.65		
30	207.33	3.35	5.44	Student	-1.23	0.50	1.97	2.67	3.35	4.03	4.73	6.20	7.93		
	211.80	2.63	1.13	School	1.68	2.04	2.35	2.49	2.63	2.77	2.92	3.22	3.58		
35	209.57	3.10	5.44	Student	-1.48	0.25	1.72	2.42	3.10	3.79	4.48	5.96	7.68		
	212.85	2.57	1.13	School	1.62	1.98	2.29	2.43	2.57	2.72	2.86	3.17	3.52		
40	211.69	2.87	5.44	Student	-1.71	0.01	1.49	2.18	2.87	3.55	4.24	5.72	7.45		
	213.85	2.52	1.13	School	1.57	1.93	2.23	2.38	2.52	2.66	2.80	3.11	3.47		
45	213.75	2.64	5.44	Student	-1.94	-0.22	1.26	1.95	2.64	3.32	4.02	5.49	7.22		
	214.82	2.47	1.13	School	1.52	1.87	2.18	2.32	2.47	2.61	2.75	3.06	3.42		
50	215.77	2.41	5.44	Student	-2.17	-0.44	1.03	1.73	2.41	3.10	3.79	5.27	6.99		
	215.77	2.41	1.13	School	1.46	1.82	2.13	2.27	2.41	2.55	2.70	3.00	3.36		
55	217.79	2.19	5.44	Student	-2.39	-0.67	0.81	1.50	2.19	2.87	3.57	5.04	6.77		
	216.72	2.36	1.13	School	1.41	1.77	2.07	2.22	2.36	2.50	2.65	2.95	3.31		
60	219.85	1.96	5.44	Student	-2.62	-0.89	0.58	1.28	1.96	2.64	3.34	4.81	6.54		
	217.69	2.31	1.13	School	1.36	1.71	2.02	2.16	2.31	2.45	2.59	2.90	3.26		
65	221.97	1.72	5.44	Student	-2.86	-1.13	0.34	1.04	1.72	2.41	3.10	4.58	6.30		
	218.69	2.25	1.13	School	1.30	1.66	1.96	2.11	2.25	2.39	2.54	2.84	3.20		
70	224.21	1.47	5.44	Student	-3.10	-1.38	0.10	0.79	1.47	2.16	2.85	4.33	6.05		
	219.74	2.19	1.13	School	1.24	1.60	1.91	2.05	2.19	2.33	2.48	2.78	3.14		
75	226.62	1.21	5.44	Student	-3.37	-1.65	-0.17	0.52	1.21	1.89	2.59	4.06	5.79		
	220.88	2.13	1.13	School	1.18	1.54	1.84	1.99	2.13	2.27	2.42	2.72	3.08		
80	229.31	0.91	5.44	Student	-3.67	-1.95	-0.47	0.22	0.91	1.59	2.29	3.76	5.49		
	222.15	2.06	1.13	School	1.11	1.47	1.77	1.92	2.06	2.20	2.35	2.65	3.01		
85	232.45	0.56	5.44	Student	-4.02	-2.29	-0.82	-0.12	0.56	1.24	1.94	3.41	5.14		
	223.62	1.98	1.13	School	1.03	1.39	1.69	1.84	1.98	2.12	2.26	2.57	2.93		
90	236.39	0.12	5.44	Student	-4.46	-2.73	-1.26	-0.56	0.12	0.80	1.50	2.97	4.70		
	225.48	1.87	1.13	School	0.92	1.28	1.59	1.73	1.87	2.02	2.16	2.47	2.82		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.51: Language Usage Grade 9
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	195.19	4.57	8.15	Student	-2.29	0.29	2.50	3.54	4.57	5.59	6.63	8.84	11.43	
	206.79	0.81	1.89	School	-0.78	-0.18	0.33	0.57	0.81	1.05	1.29	1.80	2.40	
15	199.29	3.70	8.15	Student	-3.16	-0.57	1.63	2.68	3.70	4.72	5.76	7.97	10.56	
	208.68	0.66	1.89	School	-0.93	-0.33	0.18	0.42	0.66	0.90	1.14	1.65	2.25	
20	202.55	3.01	8.15	Student	-3.85	-1.26	0.95	1.99	3.01	4.03	5.08	7.28	9.87	
	210.18	0.54	1.89	School	-1.05	-0.45	0.06	0.31	0.54	0.78	1.02	1.53	2.13	
25	205.35	2.42	8.15	Student	-4.44	-1.86	0.35	1.39	2.42	3.44	4.48	6.69	9.28	
	211.46	0.44	1.89	School	-1.15	-0.55	-0.04	0.20	0.44	0.68	0.92	1.43	2.03	
30	207.86	1.89	8.15	Student	-4.97	-2.39	-0.18	0.86	1.89	2.91	3.95	6.16	8.75	
	212.62	0.35	1.89	School	-1.24	-0.64	-0.13	0.11	0.35	0.59	0.83	1.34	1.94	
35	210.19	1.40	8.15	Student	-5.46	-2.88	-0.67	0.37	1.40	2.42	3.46	5.67	8.26	
	213.68	0.27	1.89	School	-1.33	-0.73	-0.21	0.03	0.27	0.50	0.75	1.26	1.86	
40	212.40	0.93	8.15	Student	-5.93	-3.35	-1.14	-0.10	0.93	1.95	2.99	5.20	7.79	
	214.70	0.19	1.89	School	-1.41	-0.81	-0.29	-0.05	0.19	0.42	0.66	1.18	1.78	
45	214.54	0.48	8.15	Student	-6.38	-3.80	-1.59	-0.55	0.48	1.50	2.54	4.75	7.34	
	215.68	0.11	1.89	School	-1.48	-0.88	-0.37	-0.13	0.11	0.35	0.59	1.10	1.70	
50	216.65	0.03	8.15	Student	-6.83	-4.24	-2.03	-0.99	0.03	1.06	2.10	4.31	6.89	
	216.65	0.03	1.89	School	-1.56	-0.96	-0.45	-0.21	0.03	0.27	0.51	1.02	1.62	
55	218.75	-0.41	8.15	Student	-7.27	-4.69	-2.48	-1.44	-0.41	0.61	1.65	3.86	6.45	
	217.61	-0.04	1.89	School	-1.64	-1.04	-0.52	-0.28	-0.04	0.19	0.44	0.95	1.55	
60	220.89	-0.86	8.15	Student	-7.72	-5.14	-2.93	-1.89	-0.86	0.16	1.20	3.41	6.00	
	218.59	-0.12	1.89	School	-1.71	-1.11	-0.60	-0.36	-0.12	0.12	0.36	0.87	1.47	
65	223.10	-1.33	8.15	Student	-8.19	-5.61	-3.40	-2.36	-1.33	-0.31	0.73	2.94	5.53	
	219.61	-0.20	1.89	School	-1.79	-1.19	-0.68	-0.44	-0.20	0.04	0.28	0.79	1.39	
70	225.43	-1.82	8.15	Student	-8.68	-6.10	-3.89	-2.85	-1.82	-0.80	0.24	2.45	5.04	
	220.68	-0.29	1.89	School	-1.88	-1.28	-0.76	-0.52	-0.29	-0.05	0.19	0.71	1.31	
75	227.94	-2.35	8.15	Student	-9.21	-6.63	-4.42	-3.38	-2.35	-1.33	-0.29	1.92	4.51	
	221.83	-0.38	1.89	School	-1.97	-1.37	-0.86	-0.61	-0.38	-0.14	0.10	0.61	1.21	
80	230.74	-2.95	8.15	Student	-9.81	-7.22	-5.01	-3.97	-2.95	-1.92	-0.88	1.33	3.91	
	223.12	-0.48	1.89	School	-2.07	-1.47	-0.96	-0.72	-0.48	-0.24	0.00	0.51	1.11	
85	234.00	-3.63	8.15	Student	-10.5	-7.91	-5.70	-4.66	-3.63	-2.61	-1.57	0.64	3.22	
	224.61	-0.60	1.89	School	-2.19	-1.59	-1.08	-0.83	-0.60	-0.36	-0.12	0.39	0.99	
90	238.11	-4.50	8.15	Student	-11.4	-8.78	-6.57	-5.53	-4.50	-3.48	-2.44	-0.23	2.36	
	226.50	-0.75	1.89	School	-2.34	-1.74	-1.22	-0.98	-0.75	-0.51	-0.27	0.25	0.85	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.52: Language Usage Grade 9
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status			CGP	Conditional Growth									
	RIT	Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	195.19	5.54	6.09	Student	0.41	2.35	4.00	4.78	5.54	6.31	7.08	8.74	10.67	
	206.79	3.12	1.42	School	1.92	2.37	2.76	2.94	3.12	3.29	3.47	3.86	4.31	
15	199.29	4.93	6.09	Student	-0.20	1.74	3.39	4.17	4.93	5.70	6.48	8.13	10.06	
	208.68	2.97	1.42	School	1.78	2.23	2.61	2.79	2.97	3.15	3.33	3.71	4.16	
20	202.55	4.45	6.09	Student	-0.68	1.25	2.90	3.68	4.45	5.21	5.99	7.64	9.58	
	210.18	2.86	1.42	School	1.66	2.11	2.50	2.68	2.86	3.03	3.21	3.60	4.05	
25	205.35	4.03	6.09	Student	-1.09	0.84	2.49	3.27	4.03	4.80	5.58	7.23	9.16	
	211.46	2.76	1.42	School	1.56	2.01	2.40	2.58	2.76	2.93	3.12	3.50	3.95	
30	207.86	3.66	6.09	Student	-1.47	0.47	2.12	2.89	3.66	4.43	5.20	6.86	8.79	
	212.62	2.67	1.42	School	1.47	1.92	2.31	2.49	2.67	2.85	3.03	3.41	3.86	
35	210.19	3.31	6.09	Student	-1.81	0.12	1.77	2.55	3.31	4.08	4.86	6.51	8.44	
	213.68	2.59	1.42	School	1.39	1.84	2.23	2.41	2.59	2.76	2.94	3.33	3.78	
40	212.40	2.99	6.09	Student	-2.14	-0.21	1.44	2.22	2.99	3.75	4.53	6.18	8.11	
	214.70	2.51	1.42	School	1.31	1.76	2.15	2.33	2.51	2.69	2.87	3.25	3.70	
45	214.54	2.67	6.09	Student	-2.46	-0.52	1.13	1.90	2.67	3.44	4.21	5.86	7.80	
	215.68	2.43	1.42	School	1.24	1.69	2.07	2.25	2.43	2.61	2.79	3.18	3.63	
50	216.65	2.36	6.09	Student	-2.77	-0.84	0.81	1.59	2.36	3.12	3.90	5.55	7.49	
	216.65	2.36	1.42	School	1.16	1.61	2.00	2.18	2.36	2.54	2.72	3.10	3.55	
55	218.75	2.05	6.09	Student	-3.08	-1.15	0.50	1.28	2.05	2.81	3.59	5.24	7.17	
	217.61	2.28	1.42	School	1.09	1.54	1.92	2.11	2.28	2.46	2.64	3.03	3.48	
60	220.89	1.73	6.09	Student	-3.40	-1.47	0.19	0.96	1.73	2.49	3.27	4.92	6.86	
	218.59	2.21	1.42	School	1.01	1.46	1.85	2.03	2.21	2.39	2.57	2.95	3.40	
65	223.10	1.40	6.09	Student	-3.73	-1.79	-0.14	0.64	1.40	2.17	2.94	4.60	6.53	
	219.61	2.13	1.42	School	0.94	1.39	1.77	1.95	2.13	2.31	2.49	2.87	3.32	
70	225.43	1.06	6.09	Student	-4.07	-2.14	-0.49	0.29	1.06	1.82	2.60	4.25	6.18	
	220.68	2.05	1.42	School	0.85	1.30	1.69	1.87	2.05	2.23	2.41	2.79	3.24	
75	227.94	0.68	6.09	Student	-4.44	-2.51	-0.86	-0.08	0.68	1.45	2.23	3.88	5.81	
	221.83	1.96	1.42	School	0.77	1.22	1.60	1.78	1.96	2.14	2.32	2.70	3.15	
80	230.74	0.27	6.09	Student	-4.86	-2.93	-1.28	-0.50	0.27	1.03	1.81	3.46	5.39	
	223.12	1.86	1.42	School	0.67	1.12	1.50	1.68	1.86	2.04	2.22	2.60	3.05	
85	234.00	-0.22	6.09	Student	-5.34	-3.41	-1.76	-0.98	-0.22	0.55	1.33	2.98	4.91	
	224.61	1.75	1.42	School	0.55	1.00	1.39	1.57	1.75	1.92	2.10	2.49	2.94	
90	238.11	-0.83	6.09	Student	-5.95	-4.02	-2.37	-1.59	-0.83	-0.06	0.72	2.37	4.30	
	226.50	1.60	1.42	School	0.41	0.86	1.24	1.42	1.60	1.78	1.96	2.34	2.79	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.53: Language Usage Grade 9
Fall To Winter Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	196.79	2.89	5.06	Student	-1.37	0.24	1.61	2.25	2.89	3.52	4.17	5.54	7.15		
	207.29	1.67	0.81	School	1.00	1.25	1.47	1.57	1.67	1.77	1.88	2.10	2.35		
15	200.59	2.62	5.06	Student	-1.63	-0.03	1.34	1.99	2.62	3.26	3.91	5.28	6.88		
	209.08	1.64	0.81	School	0.96	1.22	1.44	1.54	1.64	1.74	1.85	2.06	2.32		
20	203.62	2.41	5.06	Student	-1.84	-0.24	1.13	1.78	2.41	3.05	3.69	5.07	6.67		
	210.51	1.62	0.81	School	0.94	1.19	1.41	1.51	1.62	1.72	1.82	2.04	2.29		
25	206.21	2.23	5.06	Student	-2.02	-0.42	0.95	1.60	2.23	2.87	3.51	4.89	6.49		
	211.74	1.59	0.81	School	0.92	1.17	1.39	1.49	1.59	1.70	1.80	2.02	2.27		
30	208.54	2.07	5.06	Student	-2.19	-0.58	0.79	1.44	2.07	2.71	3.35	4.72	6.33		
	212.84	1.57	0.81	School	0.90	1.15	1.37	1.47	1.57	1.68	1.78	2.00	2.25		
35	210.70	1.92	5.06	Student	-2.34	-0.73	0.64	1.29	1.92	2.56	3.20	4.57	6.18		
	213.85	1.56	0.81	School	0.88	1.13	1.35	1.45	1.56	1.66	1.76	1.98	2.23		
40	212.75	1.78	5.06	Student	-2.48	-0.87	0.50	1.14	1.78	2.41	3.06	4.43	6.04		
	214.82	1.54	0.81	School	0.86	1.12	1.33	1.44	1.54	1.64	1.74	1.96	2.22		
45	214.73	1.64	5.06	Student	-2.62	-1.01	0.36	1.00	1.64	2.28	2.92	4.29	5.90		
	215.76	1.52	0.81	School	0.84	1.10	1.32	1.42	1.52	1.62	1.73	1.94	2.20		
50	216.68	1.50	5.06	Student	-2.75	-1.15	0.22	0.87	1.50	2.14	2.79	4.16	5.76		
	216.68	1.50	0.81	School	0.83	1.08	1.30	1.40	1.50	1.61	1.71	1.93	2.18		
55	218.63	1.37	5.06	Student	-2.89	-1.28	0.09	0.73	1.37	2.00	2.65	4.02	5.63		
	217.60	1.49	0.81	School	0.81	1.07	1.28	1.39	1.49	1.59	1.69	1.91	2.17		
60	220.61	1.23	5.06	Student	-3.03	-1.42	-0.05	0.60	1.23	1.87	2.51	3.88	5.49		
	218.54	1.47	0.81	School	0.79	1.05	1.27	1.37	1.47	1.57	1.68	1.89	2.15		
65	222.66	1.09	5.06	Student	-3.17	-1.56	-0.19	0.45	1.09	1.72	2.37	3.74	5.35		
	219.50	1.45	0.81	School	0.78	1.03	1.25	1.35	1.45	1.56	1.66	1.88	2.13		
70	224.82	0.94	5.06	Student	-3.32	-1.71	-0.34	0.30	0.94	1.57	2.22	3.59	5.20		
	220.52	1.44	0.81	School	0.76	1.01	1.23	1.33	1.44	1.54	1.64	1.86	2.11		
75	227.15	0.78	5.06	Student	-3.48	-1.88	-0.50	0.14	0.78	1.41	2.06	3.43	5.03		
	221.62	1.42	0.81	School	0.74	0.99	1.21	1.31	1.42	1.52	1.62	1.84	2.09		
80	229.74	0.60	5.06	Student	-3.66	-2.06	-0.68	-0.04	0.60	1.23	1.88	3.25	4.85		
	222.85	1.39	0.81	School	0.72	0.97	1.19	1.29	1.39	1.50	1.60	1.82	2.07		
85	232.76	0.39	5.06	Student	-3.87	-2.27	-0.90	-0.25	0.39	1.02	1.67	3.04	4.64		
	224.27	1.37	0.81	School	0.69	0.95	1.16	1.27	1.37	1.47	1.57	1.79	2.05		
90	236.57	0.12	5.06	Student	-4.14	-2.53	-1.16	-0.51	0.12	0.76	1.40	2.77	4.38		
	226.07	1.34	0.81	School	0.66	0.91	1.13	1.23	1.34	1.44	1.54	1.76	2.01		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.54: Language Usage Grade 9
Fall To Spring Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth																		
		Mean	SD		20	30	40	45	50	55	60	70	80										
10	196.79	4.19	6.53	Student	-1.31	0.76	2.53	3.37	4.19	5.01	5.84	7.61	9.69										
	207.29	2.62	1.41	School	1.44	1.88	2.26	2.44	2.62	2.80	2.98	3.36	3.81										
15	200.59	3.83	6.53	Student	-1.67	0.41	2.18	3.01	3.83	4.65	5.49	7.26	9.33										
	209.08	2.56	1.41	School	1.38	1.83	2.21	2.39	2.56	2.74	2.92	3.30	3.75										
20	203.62	3.55	6.53	Student	-1.95	0.12	1.89	2.73	3.55	4.37	5.20	6.97	9.05										
	210.51	2.52	1.41	School	1.33	1.78	2.16	2.34	2.52	2.70	2.88	3.26	3.70										
25	206.21	3.31	6.53	Student	-2.19	-0.12	1.65	2.49	3.31	4.13	4.96	6.73	8.80										
	211.74	2.48	1.41	School	1.30	1.74	2.12	2.30	2.48	2.66	2.84	3.22	3.67										
30	208.54	3.09	6.53	Student	-2.41	-0.34	1.43	2.27	3.09	3.91	4.74	6.51	8.59										
	212.84	2.45	1.41	School	1.26	1.71	2.09	2.27	2.45	2.62	2.80	3.18	3.63										
35	210.70	2.89	6.53	Student	-2.61	-0.54	1.23	2.06	2.89	3.71	4.54	6.31	8.38										
	213.85	2.41	1.41	School	1.23	1.68	2.06	2.24	2.41	2.59	2.77	3.15	3.60										
40	212.75	2.69	6.53	Student	-2.80	-0.73	1.04	1.87	2.69	3.51	4.35	6.12	8.19										
	214.82	2.38	1.41	School	1.20	1.65	2.03	2.21	2.38	2.56	2.74	3.12	3.57										
45	214.73	2.51	6.53	Student	-2.99	-0.92	0.85	1.69	2.51	3.33	4.16	5.93	8.01										
	215.76	2.35	1.41	School	1.17	1.62	2.00	2.18	2.35	2.53	2.71	3.09	3.54										
50	216.68	2.33	6.53	Student	-3.17	-1.10	0.67	1.50	2.33	3.15	3.98	5.75	7.82										
	216.68	2.33	1.41	School	1.14	1.59	1.97	2.15	2.33	2.50	2.68	3.06	3.51										
55	218.63	2.14	6.53	Student	-3.35	-1.28	0.49	1.32	2.14	2.96	3.80	5.57	7.64										
	217.60	2.30	1.41	School	1.11	1.56	1.94	2.12	2.30	2.47	2.65	3.03	3.48										
60	220.61	1.96	6.53	Student	-3.54	-1.47	0.30	1.14	1.96	2.78	3.61	5.38	7.45										
	218.54	2.27	1.41	School	1.08	1.53	1.91	2.09	2.27	2.44	2.62	3.01	3.45										
65	222.66	1.77	6.53	Student	-3.73	-1.66	0.11	0.94	1.77	2.59	3.42	5.19	7.26										
	219.50	2.24	1.41	School	1.05	1.50	1.88	2.06	2.24	2.41	2.59	2.97	3.42										
70	224.82	1.56	6.53	Student	-3.93	-1.86	-0.09	0.74	1.56	2.38	3.22	4.99	7.06										
	220.52	2.20	1.41	School	1.02	1.47	1.85	2.03	2.20	2.38	2.56	2.94	3.39										
75	227.15	1.34	6.53	Student	-4.15	-2.08	-0.31	0.52	1.34	2.17	3.00	4.77	6.84										
	221.62	2.17	1.41	School	0.99	1.43	1.81	1.99	2.17	2.35	2.53	2.91	3.35										
80	229.74	1.10	6.53	Student	-4.40	-2.32	-0.55	0.28	1.10	1.92	2.76	4.53	6.60										
	222.85	2.13	1.41	School	0.95	1.39	1.77	1.95	2.13	2.31	2.49	2.87	3.32										
85	232.76	0.82	6.53	Student	-4.68	-2.61	-0.84	-0.00	0.82	1.64	2.47	4.24	6.32										
	224.27	2.09	1.41	School	0.90	1.35	1.73	1.91	2.09	2.26	2.44	2.82	3.27										
90	236.57	0.46	6.53	Student	-5.04	-2.96	-1.19	-0.36	0.46	1.28	2.12	3.89	5.96										
	226.07	2.03	1.41	School	0.85	1.29	1.67	1.85	2.03	2.21	2.39	2.77	3.21										

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.55: Language Usage Grade 9
Fall To N Fall Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	196.79	3.98	6.24	Student	-1.27	0.71	2.40	3.20	3.98	4.77	5.56	7.25	9.23		
	207.29	2.59	1.25	School	1.53	1.93	2.27	2.43	2.59	2.75	2.91	3.24	3.64		
15	200.59	3.66	6.24	Student	-1.59	0.39	2.08	2.87	3.66	4.44	5.24	6.93	8.91		
	209.08	2.53	1.25	School	1.48	1.87	2.21	2.37	2.53	2.69	2.85	3.19	3.59		
20	203.62	3.40	6.24	Student	-1.85	0.13	1.82	2.62	3.40	4.19	4.98	6.67	8.65		
	210.51	2.49	1.25	School	1.43	1.83	2.17	2.33	2.49	2.64	2.80	3.14	3.54		
25	206.21	3.18	6.24	Student	-2.07	-0.09	1.60	2.40	3.18	3.96	4.76	6.45	8.43		
	211.74	2.45	1.25	School	1.39	1.79	2.13	2.29	2.45	2.60	2.76	3.10	3.50		
30	208.54	2.98	6.24	Student	-2.27	-0.29	1.40	2.20	2.98	3.77	4.56	6.25	8.23		
	212.84	2.41	1.25	School	1.36	1.76	2.10	2.26	2.41	2.57	2.73	3.07	3.47		
35	210.70	2.80	6.24	Student	-2.45	-0.47	1.22	2.01	2.80	3.58	4.38	6.07	8.05		
	213.85	2.38	1.25	School	1.33	1.72	2.06	2.22	2.38	2.54	2.70	3.04	3.43		
40	212.75	2.62	6.24	Student	-2.63	-0.65	1.04	1.84	2.62	3.41	4.21	5.90	7.88		
	214.82	2.35	1.25	School	1.30	1.69	2.03	2.19	2.35	2.51	2.67	3.01	3.40		
45	214.73	2.46	6.24	Student	-2.80	-0.82	0.88	1.67	2.46	3.24	4.04	5.73	7.71		
	215.76	2.32	1.25	School	1.27	1.66	2.00	2.16	2.32	2.48	2.64	2.98	3.37		
50	216.68	2.29	6.24	Student	-2.96	-0.98	0.71	1.51	2.29	3.07	3.87	5.56	7.54		
	216.68	2.29	1.25	School	1.24	1.63	1.97	2.13	2.29	2.45	2.61	2.95	3.34		
55	218.63	2.12	6.24	Student	-3.13	-1.15	0.54	1.34	2.12	2.91	3.71	5.40	7.38		
	217.60	2.26	1.25	School	1.21	1.60	1.94	2.10	2.26	2.42	2.58	2.92	3.31		
60	220.61	1.96	6.24	Student	-3.30	-1.32	0.38	1.17	1.96	2.74	3.54	5.23	7.21		
	218.54	2.23	1.25	School	1.18	1.58	1.91	2.07	2.23	2.39	2.55	2.89	3.29		
65	222.66	1.78	6.24	Student	-3.47	-1.49	0.20	1.00	1.78	2.57	3.36	5.05	7.03		
	219.50	2.20	1.25	School	1.15	1.54	1.88	2.04	2.20	2.36	2.52	2.86	3.25		
70	224.82	1.60	6.24	Student	-3.65	-1.67	0.02	0.81	1.60	2.38	3.18	4.87	6.85		
	220.52	2.17	1.25	School	1.11	1.51	1.85	2.01	2.17	2.33	2.49	2.83	3.22		
75	227.15	1.40	6.24	Student	-3.85	-1.87	-0.18	0.62	1.40	2.18	2.98	4.67	6.65		
	221.62	2.13	1.25	School	1.08	1.48	1.82	1.98	2.13	2.29	2.45	2.79	3.19		
80	229.74	1.18	6.24	Student	-4.07	-2.09	-0.40	0.40	1.18	1.96	2.76	4.45	6.43		
	222.85	2.09	1.25	School	1.04	1.44	1.78	1.94	2.09	2.25	2.41	2.75	3.15		
85	232.76	0.92	6.24	Student	-4.33	-2.35	-0.66	0.14	0.92	1.71	2.50	4.19	6.17		
	224.27	2.05	1.25	School	1.00	1.39	1.73	1.89	2.05	2.21	2.37	2.71	3.10		
90	236.57	0.60	6.24	Student	-4.65	-2.67	-0.98	-0.18	0.60	1.38	2.18	3.87	5.85		
	226.07	1.99	1.25	School	0.94	1.34	1.68	1.84	1.99	2.15	2.31	2.65	3.05		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.56: Language Usage Grade 9
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	198.57	1.51 4.76	Student	-2.49	-0.98	0.31	0.91	1.51	2.11	2.72	4.01	5.52	
	208.90	0.86 0.61	School	0.35	0.54	0.71	0.78	0.86	0.94	1.02	1.18	1.38	
15	202.32	1.38 4.76	Student	-2.62	-1.11	0.17	0.78	1.38	1.98	2.59	3.87	5.38	
	210.68	0.85 0.61	School	0.34	0.53	0.70	0.78	0.85	0.93	1.01	1.17	1.37	
20	205.31	1.27 4.76	Student	-2.73	-1.22	0.07	0.68	1.27	1.87	2.48	3.77	5.28	
	212.09	0.85 0.61	School	0.33	0.53	0.69	0.77	0.85	0.92	1.00	1.17	1.36	
25	207.86	1.18 4.76	Student	-2.82	-1.31	-0.02	0.59	1.18	1.78	2.39	3.68	5.19	
	213.30	0.84 0.61	School	0.33	0.52	0.69	0.76	0.84	0.92	1.00	1.16	1.36	
30	210.16	1.10 4.76	Student	-2.90	-1.39	-0.10	0.51	1.10	1.70	2.31	3.60	5.11	
	214.39	0.84 0.61	School	0.32	0.52	0.68	0.76	0.84	0.91	0.99	1.16	1.35	
35	212.29	1.03 4.76	Student	-2.98	-1.47	-0.18	0.43	1.03	1.63	2.23	3.52	5.03	
	215.39	0.83 0.61	School	0.32	0.51	0.68	0.76	0.83	0.91	0.99	1.15	1.35	
40	214.31	0.96 4.76	Student	-3.05	-1.54	-0.25	0.36	0.96	1.56	2.16	3.45	4.96	
	216.35	0.83 0.61	School	0.31	0.51	0.67	0.75	0.83	0.91	0.98	1.15	1.34	
45	216.26	0.89 4.76	Student	-3.12	-1.61	-0.32	0.29	0.89	1.49	2.09	3.38	4.89	
	217.27	0.82 0.61	School	0.31	0.50	0.67	0.75	0.82	0.90	0.98	1.15	1.34	
50	218.18	0.82 4.76	Student	-3.18	-1.67	-0.38	0.22	0.82	1.42	2.03	3.32	4.82	
	218.18	0.82 0.61	School	0.31	0.50	0.67	0.74	0.82	0.90	0.98	1.14	1.34	
55	220.11	0.75 4.76	Student	-3.25	-1.74	-0.45	0.16	0.75	1.35	1.96	3.25	4.76	
	219.09	0.82 0.61	School	0.30	0.50	0.66	0.74	0.82	0.89	0.97	1.14	1.33	
60	222.06	0.68 4.76	Student	-3.32	-1.81	-0.52	0.09	0.68	1.28	1.89	3.18	4.69	
	220.02	0.81 0.61	School	0.30	0.49	0.66	0.74	0.81	0.89	0.97	1.13	1.33	
65	224.08	0.61 4.76	Student	-3.39	-1.88	-0.59	0.01	0.61	1.21	1.82	3.11	4.62	
	220.97	0.81 0.61	School	0.29	0.49	0.65	0.73	0.81	0.89	0.96	1.13	1.32	
70	226.21	0.54 4.76	Student	-3.47	-1.96	-0.67	-0.06	0.54	1.14	1.74	3.03	4.54	
	221.98	0.80 0.61	School	0.29	0.48	0.65	0.73	0.80	0.88	0.96	1.13	1.32	
75	228.50	0.46 4.76	Student	-3.55	-2.04	-0.75	-0.14	0.46	1.05	1.66	2.95	4.46	
	223.07	0.80 0.61	School	0.28	0.48	0.64	0.72	0.80	0.88	0.95	1.12	1.31	
80	231.06	0.37 4.76	Student	-3.64	-2.13	-0.84	-0.23	0.37	0.96	1.57	2.86	4.37	
	224.28	0.79 0.61	School	0.28	0.47	0.64	0.72	0.79	0.87	0.95	1.12	1.31	
85	234.04	0.26 4.76	Student	-3.74	-2.23	-0.94	-0.34	0.26	0.86	1.47	2.76	4.27	
	225.69	0.79 0.61	School	0.27	0.47	0.63	0.71	0.79	0.86	0.94	1.11	1.30	
90	237.79	0.13 4.76	Student	-3.87	-2.37	-1.08	-0.47	0.13	0.73	1.33	2.62	4.13	
	227.46	0.78 0.61	School	0.27	0.46	0.63	0.70	0.78	0.86	0.94	1.10	1.30	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.57: Language Usage Grade 10
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	198.90	3.30 5.61	Student	-1.42	0.36	1.88	2.60	3.30	4.01	4.72	6.24	8.02	
	209.54	2.15 1.16	School	1.17	1.54	1.85	2.00	2.15	2.29	2.44	2.76	3.12	
15	202.58	3.06 5.61	Student	-1.66	0.12	1.64	2.35	3.06	3.76	4.48	6.00	7.78	
	211.19	2.12 1.16	School	1.15	1.51	1.83	1.98	2.12	2.27	2.42	2.73	3.10	
20	205.51	2.86 5.61	Student	-1.85	-0.08	1.44	2.16	2.86	3.57	4.28	5.80	7.58	
	212.50	2.10 1.16	School	1.13	1.50	1.81	1.96	2.10	2.25	2.40	2.71	3.08	
25	208.02	2.70 5.61	Student	-2.02	-0.24	1.28	1.99	2.70	3.40	4.12	5.64	7.42	
	213.62	2.09 1.16	School	1.11	1.48	1.79	1.94	2.09	2.24	2.38	2.70	3.07	
30	210.28	2.55 5.61	Student	-2.17	-0.39	1.13	1.84	2.55	3.25	3.97	5.49	7.27	
	214.63	2.07 1.16	School	1.10	1.47	1.78	1.93	2.07	2.22	2.37	2.68	3.05	
35	212.37	2.41 5.61	Student	-2.31	-0.53	0.99	1.70	2.41	3.11	3.83	5.35	7.13	
	215.57	2.06 1.16	School	1.08	1.45	1.77	1.92	2.06	2.21	2.36	2.67	3.04	
40	214.35	2.28 5.61	Student	-2.44	-0.66	0.86	1.57	2.28	2.98	3.70	5.22	7.00	
	216.46	2.05 1.16	School	1.07	1.44	1.75	1.90	2.05	2.20	2.34	2.66	3.03	
45	216.27	2.15 5.61	Student	-2.57	-0.79	0.73	1.45	2.15	2.86	3.57	5.09	6.87	
	217.32	2.04 1.16	School	1.06	1.43	1.74	1.89	2.04	2.18	2.33	2.65	3.02	
50	218.16	2.03 5.61	Student	-2.69	-0.91	0.60	1.32	2.03	2.73	3.45	4.97	6.74	
	218.16	2.03 1.16	School	1.05	1.42	1.73	1.88	2.03	2.17	2.32	2.63	3.00	
55	220.05	1.90 5.61	Student	-2.82	-1.04	0.48	1.20	1.90	2.60	3.32	4.84	6.62	
	219.01	2.01 1.16	School	1.04	1.40	1.72	1.87	2.01	2.16	2.31	2.62	2.99	
60	221.97	1.77 5.61	Student	-2.95	-1.17	0.35	1.07	1.77	2.48	3.19	4.71	6.49	
	219.86	2.00 1.16	School	1.02	1.39	1.71	1.86	2.00	2.15	2.30	2.61	2.98	
65	223.95	1.64 5.61	Student	-3.08	-1.30	0.22	0.94	1.64	2.35	3.06	4.58	6.36	
	220.75	1.99 1.16	School	1.01	1.38	1.69	1.84	1.99	2.14	2.28	2.60	2.97	
70	226.04	1.50 5.61	Student	-3.22	-1.44	0.08	0.80	1.50	2.21	2.92	4.44	6.22	
	221.69	1.98 1.16	School	1.00	1.37	1.68	1.83	1.98	2.12	2.27	2.59	2.95	
75	228.30	1.35 5.61	Student	-3.37	-1.59	-0.07	0.65	1.35	2.06	2.77	4.29	6.07	
	222.70	1.96 1.16	School	0.98	1.35	1.67	1.82	1.96	2.11	2.26	2.57	2.94	
80	230.81	1.19 5.61	Student	-3.53	-1.75	-0.23	0.48	1.19	1.89	2.61	4.13	5.91	
	223.82	1.95 1.16	School	0.97	1.34	1.65	1.80	1.95	2.09	2.24	2.56	2.92	
85	233.74	0.99 5.61	Student	-3.73	-1.95	-0.43	0.29	0.99	1.70	2.41	3.93	5.71	
	225.13	1.93 1.16	School	0.95	1.32	1.63	1.78	1.93	2.07	2.22	2.54	2.91	
90	237.42	0.75 5.61	Student	-3.97	-2.19	-0.67	0.04	0.75	1.45	2.17	3.69	5.47	
	226.78	1.90 1.16	School	0.93	1.29	1.61	1.76	1.90	2.05	2.20	2.51	2.88	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.58: Language Usage Grade 10
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	198.96	2.54	6.75	Student	-3.14	-1.00	0.83	1.69	2.54	3.39	4.25	6.08	8.23	
	210.00	0.50	1.74	School	-0.97	-0.41	0.06	0.28	0.50	0.71	0.94	1.41	1.96	
15	202.75	2.07	6.75	Student	-3.62	-1.47	0.36	1.22	2.07	2.91	3.78	5.61	7.75	
	211.68	0.41	1.74	School	-1.05	-0.50	-0.03	0.19	0.41	0.63	0.85	1.32	1.87	
20	205.76	1.69	6.75	Student	-4.00	-1.85	-0.02	0.84	1.69	2.54	3.40	5.23	7.37	
	213.01	0.34	1.74	School	-1.12	-0.57	-0.10	0.12	0.34	0.56	0.78	1.25	1.80	
25	208.34	1.36	6.75	Student	-4.32	-2.18	-0.35	0.51	1.36	2.21	3.07	4.90	7.04	
	214.15	0.28	1.74	School	-1.18	-0.63	-0.16	0.07	0.28	0.50	0.72	1.20	1.75	
30	210.66	1.07	6.75	Student	-4.61	-2.47	-0.64	0.22	1.07	1.92	2.78	4.61	6.75	
	215.18	0.23	1.74	School	-1.23	-0.68	-0.21	0.01	0.23	0.45	0.67	1.14	1.69	
35	212.81	0.80	6.75	Student	-4.88	-2.74	-0.91	-0.05	0.80	1.65	2.51	4.34	6.48	
	216.13	0.18	1.74	School	-1.28	-0.73	-0.26	-0.03	0.18	0.40	0.62	1.09	1.65	
40	214.85	0.54	6.75	Student	-5.14	-3.00	-1.17	-0.31	0.54	1.39	2.25	4.08	6.23	
	217.03	0.14	1.74	School	-1.32	-0.77	-0.30	-0.08	0.14	0.36	0.58	1.05	1.60	
45	216.82	0.29	6.75	Student	-5.39	-3.25	-1.42	-0.55	0.29	1.14	2.01	3.84	5.98	
	217.91	0.09	1.74	School	-1.37	-0.82	-0.35	-0.12	0.09	0.31	0.53	1.00	1.56	
50	218.76	0.05	6.75	Student	-5.63	-3.49	-1.66	-0.80	0.05	0.90	1.76	3.59	5.73	
	218.76	0.05	1.74	School	-1.41	-0.86	-0.39	-0.17	0.05	0.27	0.49	0.96	1.51	
55	220.71	-0.19	6.75	Student	-5.88	-3.73	-1.90	-1.04	-0.19	0.65	1.52	3.35	5.49	
	219.62	0.01	1.74	School	-1.46	-0.90	-0.43	-0.21	0.01	0.22	0.45	0.92	1.47	
60	222.68	-0.44	6.75	Student	-6.13	-3.98	-2.15	-1.29	-0.44	0.41	1.27	3.10	5.24	
	220.50	-0.04	1.74	School	-1.50	-0.95	-0.48	-0.26	-0.04	0.18	0.40	0.87	1.42	
65	224.72	-0.70	6.75	Student	-6.38	-4.24	-2.41	-1.55	-0.70	0.15	1.01	2.84	4.98	
	221.40	-0.08	1.74	School	-1.55	-0.99	-0.52	-0.30	-0.08	0.13	0.36	0.83	1.38	
70	226.87	-0.97	6.75	Student	-6.65	-4.51	-2.68	-1.82	-0.97	-0.12	0.74	2.57	4.71	
	222.35	-0.13	1.74	School	-1.59	-1.04	-0.57	-0.35	-0.13	0.09	0.31	0.78	1.33	
75	229.19	-1.26	6.75	Student	-6.94	-4.80	-2.97	-2.11	-1.26	-0.41	0.45	2.28	4.42	
	223.38	-0.18	1.74	School	-1.65	-1.10	-0.62	-0.40	-0.18	0.03	0.26	0.73	1.28	
80	231.77	-1.59	6.75	Student	-7.27	-5.13	-3.30	-2.44	-1.59	-0.74	0.12	1.95	4.10	
	224.52	-0.24	1.74	School	-1.70	-1.15	-0.68	-0.46	-0.24	-0.02	0.20	0.67	1.22	
85	234.78	-1.97	6.75	Student	-7.65	-5.51	-3.68	-2.81	-1.97	-1.12	-0.26	1.57	3.72	
	225.85	-0.31	1.74	School	-1.77	-1.22	-0.75	-0.53	-0.31	-0.09	0.13	0.60	1.15	
90	238.57	-2.44	6.75	Student	-8.13	-5.98	-4.15	-3.29	-2.44	-1.59	-0.73	1.10	3.24	
	227.53	-0.40	1.74	School	-1.86	-1.31	-0.84	-0.61	-0.40	-0.18	0.04	0.52	1.07	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.59: Language Usage Grade 10
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth																		
		Mean	SD		20	30	40	45	50	55	60	70	80										
10	198.96	3.98	6.59	Student	-1.56	0.53	2.31	3.15	3.98	4.81	5.65	7.44	9.53										
	210.00	2.36	1.56	School	1.05	1.54	1.97	2.17	2.36	2.56	2.76	3.18	3.68										
15	202.75	3.62	6.59	Student	-1.92	0.17	1.95	2.79	3.62	4.45	5.29	7.08	9.17										
	211.68	2.31	1.56	School	0.99	1.49	1.91	2.11	2.31	2.51	2.71	3.13	3.63										
20	205.76	3.33	6.59	Student	-2.21	-0.12	1.66	2.51	3.33	4.16	5.00	6.79	8.88										
	213.01	2.27	1.56	School	0.95	1.45	1.87	2.07	2.27	2.47	2.67	3.09	3.59										
25	208.34	3.09	6.59	Student	-2.46	-0.37	1.42	2.26	3.09	3.92	4.76	6.54	8.63										
	214.15	2.24	1.56	School	0.92	1.42	1.84	2.04	2.24	2.43	2.63	3.06	3.55										
30	210.66	2.87	6.59	Student	-2.68	-0.59	1.20	2.04	2.87	3.69	4.54	6.32	8.41										
	215.18	2.20	1.56	School	0.89	1.38	1.81	2.01	2.20	2.40	2.60	3.02	3.52										
35	212.81	2.66	6.59	Student	-2.88	-0.79	0.99	1.83	2.66	3.49	4.33	6.12	8.21										
	216.13	2.18	1.56	School	0.86	1.35	1.78	1.98	2.18	2.37	2.57	3.00	3.49										
40	214.85	2.47	6.59	Student	-3.08	-0.99	0.80	1.64	2.47	3.30	4.14	5.92	8.01										
	217.03	2.15	1.56	School	0.83	1.33	1.75	1.95	2.15	2.34	2.54	2.97	3.46										
45	216.82	2.28	6.59	Student	-3.27	-1.18	0.61	1.45	2.28	3.11	3.95	5.73	7.83										
	217.91	2.12	1.56	School	0.80	1.30	1.72	1.92	2.12	2.32	2.52	2.94	3.44										
50	218.76	2.09	6.59	Student	-3.45	-1.36	0.43	1.27	2.09	2.92	3.76	5.55	7.64										
	218.76	2.09	1.56	School	0.78	1.27	1.70	1.90	2.09	2.29	2.49	2.92	3.41										
55	220.71	1.91	6.59	Student	-3.64	-1.55	0.24	1.08	1.91	2.74	3.58	5.36	7.46										
	219.62	2.07	1.56	School	0.75	1.25	1.67	1.87	2.07	2.27	2.47	2.89	3.39										
60	222.68	1.72	6.59	Student	-3.82	-1.73	0.05	0.89	1.72	2.55	3.39	5.18	7.27										
	220.50	2.04	1.56	School	0.72	1.22	1.65	1.85	2.04	2.24	2.44	2.86	3.36										
65	224.72	1.53	6.59	Student	-4.02	-1.93	-0.14	0.70	1.53	2.36	3.20	4.98	7.07										
	221.40	2.01	1.56	School	0.70	1.19	1.62	1.82	2.01	2.21	2.41	2.83	3.33										
70	226.87	1.32	6.59	Student	-4.22	-2.13	-0.35	0.49	1.32	2.15	2.99	4.78	6.87										
	222.35	1.99	1.56	School	0.67	1.16	1.59	1.79	1.99	2.18	2.38	2.81	3.30										
75	229.19	1.10	6.59	Student	-4.44	-2.35	-0.57	0.27	1.10	1.93	2.77	4.56	6.65										
	223.38	1.95	1.56	School	0.64	1.13	1.56	1.76	1.95	2.15	2.35	2.77	3.27										
80	231.77	0.86	6.59	Student	-4.69	-2.60	-0.81	0.03	0.86	1.68	2.53	4.31	6.40										
	224.52	1.92	1.56	School	0.60	1.10	1.52	1.72	1.92	2.12	2.32	2.74	3.24										
85	234.78	0.57	6.59	Student	-4.98	-2.89	-1.10	-0.26	0.57	1.40	2.24	4.02	6.11										
	225.85	1.88	1.56	School	0.56	1.06	1.48	1.68	1.88	2.07	2.27	2.70	3.20										
90	238.57	0.21	6.59	Student	-5.34	-3.25	-1.46	-0.62	0.21	1.04	1.88	3.66	5.75										
	227.53	1.83	1.56	School	0.51	1.01	1.43	1.63	1.83	2.02	2.22	2.65	3.14										

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.60: Language Usage Grade 10
Fall To Winter Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	199.46	2.45	5.01	Student	-1.76	-0.18	1.18	1.82	2.45	3.08	3.72	5.07	6.66		
	210.21	1.41	0.80	School	0.73	0.99	1.21	1.31	1.41	1.51	1.61	1.83	2.09		
15	203.16	2.24	5.01	Student	-1.97	-0.38	0.97	1.61	2.24	2.87	3.51	4.87	6.46		
	211.85	1.40	0.80	School	0.73	0.98	1.20	1.30	1.40	1.50	1.61	1.83	2.08		
20	206.11	2.08	5.01	Student	-2.13	-0.55	0.81	1.45	2.08	2.71	3.35	4.70	6.29		
	213.16	1.40	0.80	School	0.72	0.98	1.19	1.30	1.40	1.50	1.60	1.82	2.07		
25	208.63	1.94	5.01	Student	-2.27	-0.69	0.67	1.31	1.94	2.57	3.21	4.56	6.15		
	214.28	1.39	0.80	School	0.71	0.97	1.19	1.29	1.39	1.49	1.60	1.81	2.07		
30	210.90	1.81	5.01	Student	-2.40	-0.81	0.54	1.18	1.81	2.44	3.08	4.44	6.03		
	215.29	1.39	0.80	School	0.71	0.97	1.18	1.29	1.39	1.49	1.59	1.81	2.06		
35	213.00	1.70	5.01	Student	-2.52	-0.93	0.43	1.07	1.70	2.32	2.96	4.32	5.91		
	216.23	1.38	0.80	School	0.71	0.96	1.18	1.28	1.38	1.48	1.59	1.81	2.06		
40	214.99	1.58	5.01	Student	-2.63	-1.04	0.32	0.96	1.58	2.21	2.85	4.21	5.80		
	217.11	1.38	0.80	School	0.70	0.96	1.18	1.28	1.38	1.48	1.58	1.80	2.06		
45	216.92	1.48	5.01	Student	-2.74	-1.15	0.21	0.85	1.48	2.11	2.74	4.10	5.69		
	217.97	1.37	0.80	School	0.70	0.95	1.17	1.27	1.37	1.48	1.58	1.80	2.05		
50	218.82	1.37	5.01	Student	-2.84	-1.25	0.10	0.74	1.37	2.00	2.64	4.00	5.58		
	218.82	1.37	0.80	School	0.69	0.95	1.17	1.27	1.37	1.47	1.57	1.79	2.05		
55	220.71	1.27	5.01	Student	-2.95	-1.36	-0.00	0.64	1.27	1.89	2.53	3.89	5.48		
	219.66	1.37	0.80	School	0.69	0.95	1.16	1.27	1.37	1.47	1.57	1.79	2.04		
60	222.64	1.16	5.01	Student	-3.05	-1.47	-0.11	0.53	1.16	1.79	2.43	3.78	5.37		
	220.52	1.36	0.80	School	0.69	0.94	1.16	1.26	1.36	1.46	1.57	1.79	2.04		
65	224.63	1.05	5.01	Student	-3.17	-1.58	-0.22	0.42	1.05	1.68	2.32	3.67	5.26		
	221.40	1.36	0.80	School	0.68	0.94	1.16	1.26	1.36	1.46	1.56	1.78	2.04		
70	226.73	0.93	5.01	Student	-3.28	-1.70	-0.34	0.30	0.93	1.56	2.20	3.55	5.14		
	222.34	1.35	0.80	School	0.68	0.93	1.15	1.25	1.35	1.46	1.56	1.78	2.03		
75	229.00	0.80	5.01	Student	-3.41	-1.82	-0.46	0.17	0.80	1.43	2.07	3.43	5.02		
	223.35	1.35	0.80	School	0.67	0.93	1.15	1.25	1.35	1.45	1.55	1.77	2.03		
80	231.52	0.66	5.01	Student	-3.55	-1.96	-0.61	0.03	0.66	1.29	1.93	3.29	4.88		
	224.47	1.34	0.80	School	0.67	0.92	1.14	1.24	1.34	1.45	1.55	1.77	2.02		
85	234.47	0.50	5.01	Student	-3.71	-2.13	-0.77	-0.13	0.50	1.13	1.77	3.12	4.71		
	225.78	1.34	0.80	School	0.66	0.92	1.14	1.24	1.34	1.44	1.54	1.76	2.02		
90	238.17	0.29	5.01	Student	-3.92	-2.33	-0.98	-0.34	0.29	0.92	1.56	2.92	4.51		
	227.42	1.33	0.80	School	0.65	0.91	1.13	1.23	1.33	1.43	1.54	1.75	2.01		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.61: Language Usage Grade 10
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth		Conditional Growth										
	RIT	Mean SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	199.46	3.36 6.38	Student	-2.01	0.01	1.74	2.56	3.36	4.16	4.97	6.70	8.73	
	210.21	2.11 1.41	School	0.93	1.38	1.76	1.94	2.11	2.29	2.47	2.85	3.30	
15	203.16	3.11 6.38	Student	-2.26	-0.24	1.49	2.30	3.11	3.91	4.72	6.45	8.48	
	211.85	2.10 1.41	School	0.92	1.36	1.74	1.92	2.10	2.28	2.46	2.84	3.28	
20	206.11	2.91 6.38	Student	-2.46	-0.44	1.29	2.11	2.91	3.71	4.52	6.25	8.28	
	213.16	2.09 1.41	School	0.91	1.35	1.73	1.91	2.09	2.27	2.45	2.83	3.27	
25	208.63	2.74 6.38	Student	-2.63	-0.61	1.12	1.93	2.74	3.54	4.35	6.08	8.11	
	214.28	2.08 1.41	School	0.90	1.34	1.72	1.90	2.08	2.26	2.44	2.82	3.26	
30	210.90	2.58 6.38	Student	-2.79	-0.76	0.97	1.78	2.58	3.38	4.20	5.93	7.95	
	215.29	2.07 1.41	School	0.89	1.34	1.72	1.90	2.07	2.25	2.43	2.81	3.26	
35	213.00	2.44 6.38	Student	-2.93	-0.91	0.82	1.64	2.44	3.24	4.06	5.79	7.81	
	216.23	2.07 1.41	School	0.88	1.33	1.71	1.89	2.07	2.24	2.42	2.80	3.25	
40	214.99	2.30 6.38	Student	-3.07	-1.04	0.69	1.50	2.30	3.11	3.92	5.65	7.68	
	217.11	2.06 1.41	School	0.87	1.32	1.70	1.88	2.06	2.24	2.41	2.80	3.24	
45	216.92	2.17 6.38	Student	-3.20	-1.17	0.56	1.37	2.17	2.98	3.79	5.52	7.54	
	217.97	2.05 1.41	School	0.87	1.31	1.70	1.87	2.05	2.23	2.41	2.79	3.23	
50	218.82	2.04 6.38	Student	-3.33	-1.30	0.43	1.24	2.04	2.85	3.66	5.39	7.42	
	218.82	2.04 1.41	School	0.86	1.31	1.69	1.87	2.04	2.22	2.40	2.78	3.23	
55	220.71	1.92 6.38	Student	-3.45	-1.43	0.30	1.11	1.92	2.72	3.53	5.26	7.29	
	219.66	2.04 1.41	School	0.85	1.30	1.68	1.86	2.04	2.21	2.39	2.78	3.22	
60	222.64	1.79 6.38	Student	-3.59	-1.56	0.17	0.98	1.79	2.59	3.40	5.13	7.16	
	220.52	2.03 1.41	School	0.85	1.29	1.67	1.85	2.03	2.21	2.39	2.77	3.21	
65	224.63	1.65 6.38	Student	-3.72	-1.70	0.03	0.85	1.65	2.45	3.27	5.00	7.02	
	221.40	2.02 1.41	School	0.84	1.29	1.67	1.85	2.02	2.20	2.38	2.76	3.21	
70	226.73	1.51 6.38	Student	-3.86	-1.84	-0.11	0.71	1.51	2.31	3.12	4.85	6.88	
	222.34	2.02 1.41	School	0.83	1.28	1.66	1.84	2.02	2.19	2.37	2.75	3.20	
75	229.00	1.35 6.38	Student	-4.02	-1.99	-0.26	0.55	1.35	2.16	2.97	4.70	6.72	
	223.35	2.01 1.41	School	0.82	1.27	1.65	1.83	2.01	2.18	2.36	2.75	3.19	
80	231.52	1.18 6.38	Student	-4.19	-2.16	-0.43	0.38	1.18	1.98	2.80	4.53	6.55	
	224.47	2.00 1.41	School	0.82	1.26	1.64	1.82	2.00	2.18	2.36	2.74	3.18	
85	234.47	0.98 6.38	Student	-4.39	-2.36	-0.63	0.18	0.98	1.78	2.60	4.33	6.35	
	225.78	1.99 1.41	School	0.81	1.25	1.63	1.81	1.99	2.17	2.34	2.73	3.17	
90	238.17	0.73 6.38	Student	-4.64	-2.62	-0.89	-0.07	0.73	1.53	2.35	4.08	6.10	
	227.42	1.98 1.41	School	0.79	1.24	1.62	1.80	1.98	2.15	2.33	2.71	3.16	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.62: Language Usage Grade 10
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	199.46	1.92 6.15	Student	-3.25	-1.30	0.37	1.15	1.92	2.70	3.48	5.15	7.10	
	210.21	1.67 1.15	School	0.70	1.07	1.38	1.53	1.67	1.81	1.96	2.27	2.64	
15	203.16	1.89 6.15	Student	-3.28	-1.33	0.33	1.12	1.89	2.66	3.45	5.11	7.06	
	211.85	1.68 1.15	School	0.72	1.08	1.39	1.54	1.68	1.83	1.97	2.29	2.65	
20	206.11	1.86 6.15	Student	-3.31	-1.36	0.30	1.09	1.86	2.63	3.42	5.09	7.03	
	213.16	1.70 1.15	School	0.73	1.09	1.40	1.55	1.70	1.84	1.99	2.30	2.66	
25	208.63	1.84 6.15	Student	-3.33	-1.38	0.28	1.07	1.84	2.61	3.40	5.06	7.01	
	214.28	1.71 1.15	School	0.74	1.10	1.41	1.56	1.71	1.85	2.00	2.31	2.67	
30	210.90	1.82 6.15	Student	-3.36	-1.41	0.26	1.05	1.82	2.59	3.37	5.04	6.99	
	215.29	1.71 1.15	School	0.75	1.11	1.42	1.57	1.71	1.86	2.00	2.32	2.68	
35	213.00	1.80 6.15	Student	-3.37	-1.43	0.24	1.03	1.80	2.57	3.36	5.02	6.97	
	216.23	1.72 1.15	School	0.76	1.12	1.43	1.58	1.72	1.87	2.01	2.32	2.69	
40	214.99	1.78 6.15	Student	-3.39	-1.44	0.22	1.01	1.78	2.55	3.34	5.00	6.95	
	217.11	1.73 1.15	School	0.76	1.13	1.44	1.59	1.73	1.87	2.02	2.33	2.69	
45	216.92	1.76 6.15	Student	-3.41	-1.46	0.20	0.99	1.76	2.53	3.32	4.99	6.93	
	217.97	1.74 1.15	School	0.77	1.14	1.45	1.59	1.74	1.88	2.03	2.34	2.70	
50	218.82	1.74 6.15	Student	-3.43	-1.48	0.19	0.97	1.74	2.52	3.30	4.97	6.92	
	218.82	1.74 1.15	School	0.78	1.14	1.45	1.60	1.74	1.89	2.03	2.35	2.71	
55	220.71	1.73 6.15	Student	-3.45	-1.50	0.17	0.95	1.73	2.50	3.28	4.95	6.90	
	219.66	1.75 1.15	School	0.79	1.15	1.46	1.61	1.75	1.90	2.04	2.35	2.72	
60	222.64	1.71 6.15	Student	-3.46	-1.51	0.15	0.94	1.71	2.48	3.27	4.93	6.88	
	220.52	1.76 1.15	School	0.79	1.16	1.47	1.61	1.76	1.90	2.05	2.36	2.72	
65	224.63	1.69 6.15	Student	-3.48	-1.53	0.13	0.92	1.69	2.46	3.25	4.91	6.86	
	221.40	1.77 1.15	School	0.80	1.16	1.48	1.62	1.77	1.91	2.06	2.37	2.73	
70	226.73	1.67 6.15	Student	-3.50	-1.55	0.11	0.90	1.67	2.44	3.23	4.89	6.84	
	222.34	1.77 1.15	School	0.81	1.17	1.48	1.63	1.77	1.92	2.07	2.38	2.74	
75	229.00	1.65 6.15	Student	-3.52	-1.57	0.09	0.88	1.65	2.42	3.21	4.87	6.82	
	223.35	1.78 1.15	School	0.82	1.18	1.49	1.64	1.78	1.93	2.07	2.38	2.75	
80	231.52	1.63 6.15	Student	-3.55	-1.60	0.07	0.85	1.63	2.40	3.18	4.85	6.80	
	224.47	1.79 1.15	School	0.83	1.19	1.50	1.65	1.79	1.94	2.08	2.39	2.76	
85	234.47	1.60 6.15	Student	-3.57	-1.62	0.04	0.83	1.60	2.37	3.16	4.82	6.77	
	225.78	1.80 1.15	School	0.84	1.20	1.51	1.66	1.80	1.95	2.09	2.41	2.77	
90	238.17	1.56 6.15	Student	-3.61	-1.66	0.01	0.79	1.56	2.34	3.12	4.79	6.74	
	227.42	1.82 1.15	School	0.85	1.22	1.53	1.67	1.82	1.96	2.11	2.42	2.78	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.63: Language Usage Grade 10
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	200.82	1.18	4.71	Student	-2.79	-1.29	-0.02	0.59	1.18	1.77	2.37	3.65	5.15
	211.56	0.61	0.60	School	0.10	0.30	0.46	0.54	0.61	0.69	0.76	0.93	1.12
15	204.52	1.08	4.71	Student	-2.88	-1.39	-0.11	0.49	1.08	1.67	2.28	3.55	5.05
	213.21	0.62	0.60	School	0.12	0.31	0.47	0.55	0.62	0.70	0.78	0.94	1.13
20	207.47	1.01	4.71	Student	-2.96	-1.47	-0.19	0.41	1.01	1.60	2.20	3.48	4.97
	214.52	0.63	0.60	School	0.13	0.32	0.48	0.56	0.63	0.71	0.79	0.95	1.14
25	209.99	0.94	4.71	Student	-3.03	-1.53	-0.25	0.35	0.94	1.53	2.13	3.41	4.91
	215.64	0.64	0.60	School	0.13	0.32	0.49	0.57	0.64	0.72	0.79	0.96	1.15
30	212.26	0.88	4.71	Student	-3.09	-1.59	-0.31	0.29	0.88	1.47	2.07	3.35	4.85
	216.65	0.65	0.60	School	0.14	0.33	0.50	0.57	0.65	0.72	0.80	0.96	1.16
35	214.36	0.83	4.71	Student	-3.14	-1.65	-0.37	0.23	0.83	1.42	2.02	3.30	4.79
	217.59	0.65	0.60	School	0.15	0.34	0.50	0.58	0.65	0.73	0.81	0.97	1.16
40	216.36	0.77	4.71	Student	-3.19	-1.70	-0.42	0.18	0.77	1.37	1.97	3.24	4.74
	218.48	0.66	0.60	School	0.15	0.35	0.51	0.59	0.66	0.74	0.81	0.98	1.17
45	218.29	0.72	4.71	Student	-3.24	-1.75	-0.47	0.13	0.72	1.32	1.92	3.19	4.69
	219.34	0.67	0.60	School	0.16	0.35	0.51	0.59	0.67	0.74	0.82	0.98	1.17
50	220.19	0.67	4.71	Student	-3.29	-1.80	-0.52	0.08	0.67	1.27	1.87	3.15	4.64
	220.19	0.67	0.60	School	0.17	0.36	0.52	0.60	0.67	0.75	0.83	0.99	1.18
55	222.09	0.62	4.71	Student	-3.34	-1.85	-0.57	0.03	0.62	1.22	1.82	3.10	4.59
	221.03	0.68	0.60	School	0.17	0.36	0.53	0.60	0.68	0.76	0.83	1.00	1.19
60	224.01	0.57	4.71	Student	-3.39	-1.90	-0.62	-0.02	0.57	1.17	1.77	3.05	4.54
	221.89	0.69	0.60	School	0.18	0.37	0.53	0.61	0.69	0.76	0.84	1.00	1.19
65	226.01	0.52	4.71	Student	-3.44	-1.95	-0.67	-0.07	0.52	1.11	1.72	2.99	4.49
	222.78	0.69	0.60	School	0.18	0.38	0.54	0.62	0.69	0.77	0.85	1.01	1.20
70	228.11	0.47	4.71	Student	-3.50	-2.00	-0.73	-0.13	0.47	1.06	1.66	2.94	4.43
	223.72	0.70	0.60	School	0.19	0.38	0.55	0.62	0.70	0.77	0.85	1.02	1.21
75	230.38	0.41	4.71	Student	-3.56	-2.06	-0.79	-0.18	0.41	1.00	1.60	2.88	4.37
	224.73	0.71	0.60	School	0.20	0.39	0.55	0.63	0.71	0.78	0.86	1.02	1.21
80	232.90	0.34	4.71	Student	-3.62	-2.13	-0.85	-0.25	0.34	0.93	1.54	2.81	4.31
	225.85	0.71	0.60	School	0.21	0.40	0.56	0.64	0.71	0.79	0.87	1.03	1.22
85	235.85	0.27	4.71	Student	-3.70	-2.21	-0.93	-0.33	0.27	0.86	1.46	2.74	4.23
	227.17	0.72	0.60	School	0.22	0.41	0.57	0.65	0.72	0.80	0.88	1.04	1.23
90	239.55	0.17	4.71	Student	-3.80	-2.30	-1.03	-0.42	0.17	0.76	1.36	2.64	4.14
	228.82	0.74	0.60	School	0.23	0.42	0.58	0.66	0.74	0.81	0.89	1.05	1.24

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.64: Language Usage Grade 11
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	201.27	3.00 6.02	Student	-2.07	-0.16	1.48	2.25	3.00	3.76	4.53	6.16	8.07	
	211.62	2.04 1.25	School	0.99	1.39	1.73	1.88	2.04	2.20	2.36	2.70	3.10	
15	204.86	2.78 6.02	Student	-2.29	-0.38	1.25	2.02	2.78	3.54	4.30	5.94	7.85	
	213.23	2.00 1.25	School	0.95	1.35	1.69	1.85	2.00	2.16	2.32	2.66	3.06	
20	207.71	2.60 6.02	Student	-2.47	-0.56	1.08	1.85	2.60	3.36	4.13	5.76	7.67	
	214.51	1.97 1.25	School	0.92	1.32	1.65	1.81	1.97	2.13	2.29	2.63	3.02	
25	210.15	2.45 6.02	Student	-2.62	-0.71	0.92	1.69	2.45	3.21	3.98	5.61	7.52	
	215.60	1.94 1.25	School	0.89	1.29	1.63	1.79	1.94	2.10	2.26	2.60	3.00	
30	212.35	2.31 6.02	Student	-2.75	-0.84	0.79	1.56	2.31	3.07	3.84	5.47	7.38	
	216.58	1.92 1.25	School	0.87	1.26	1.60	1.76	1.92	2.08	2.24	2.58	2.97	
35	214.38	2.19 6.02	Student	-2.88	-0.97	0.66	1.43	2.19	2.94	3.71	5.34	7.25	
	217.50	1.90 1.25	School	0.84	1.24	1.58	1.74	1.90	2.06	2.22	2.55	2.95	
40	216.31	2.07 6.02	Student	-3.00	-1.09	0.54	1.31	2.07	2.82	3.59	5.22	7.13	
	218.36	1.88 1.25	School	0.82	1.22	1.56	1.72	1.88	2.03	2.19	2.53	2.93	
45	218.18	1.95 6.02	Student	-3.12	-1.21	0.43	1.19	1.95	2.71	3.48	5.11	7.02	
	219.20	1.86 1.25	School	0.80	1.20	1.54	1.70	1.86	2.01	2.17	2.51	2.91	
50	220.02	1.84 6.02	Student	-3.23	-1.32	0.31	1.08	1.84	2.59	3.36	4.99	6.90	
	220.02	1.84 1.25	School	0.78	1.18	1.52	1.68	1.84	1.99	2.15	2.49	2.89	
55	221.86	1.72 6.02	Student	-3.35	-1.44	0.20	0.97	1.72	2.48	3.25	4.88	6.79	
	220.84	1.82 1.25	School	0.76	1.16	1.50	1.66	1.82	1.97	2.13	2.47	2.87	
60	223.73	1.61 6.02	Student	-3.46	-1.55	0.08	0.85	1.61	2.36	3.13	4.76	6.67	
	221.68	1.80 1.25	School	0.74	1.14	1.48	1.64	1.80	1.95	2.11	2.45	2.85	
65	225.66	1.49 6.02	Student	-3.58	-1.67	-0.04	0.73	1.49	2.24	3.01	4.64	6.55	
	222.54	1.77 1.25	School	0.72	1.12	1.46	1.62	1.77	1.93	2.09	2.43	2.83	
70	227.69	1.36 6.02	Student	-3.71	-1.80	-0.17	0.60	1.36	2.12	2.88	4.52	6.43	
	223.46	1.75 1.25	School	0.70	1.10	1.43	1.59	1.75	1.91	2.07	2.41	2.81	
75	229.89	1.22 6.02	Student	-3.84	-1.93	-0.30	0.47	1.22	1.98	2.75	4.38	6.29	
	224.44	1.73 1.25	School	0.67	1.07	1.41	1.57	1.73	1.89	2.05	2.38	2.78	
80	232.33	1.07 6.02	Student	-4.00	-2.09	-0.45	0.31	1.07	1.83	2.60	4.23	6.14	
	225.53	1.70 1.25	School	0.65	1.04	1.38	1.54	1.70	1.86	2.02	2.36	2.75	
85	235.18	0.89 6.02	Student	-4.17	-2.26	-0.63	0.14	0.89	1.65	2.42	4.05	5.96	
	226.81	1.67 1.25	School	0.62	1.01	1.35	1.51	1.67	1.83	1.99	2.33	2.72	
90	238.77	0.67 6.02	Student	-4.40	-2.49	-0.85	-0.09	0.67	1.43	2.20	3.83	5.74	
	228.42	1.63 1.25	School	0.58	0.97	1.31	1.47	1.63	1.79	1.95	2.29	2.68	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.65: Language Usage Grade 11
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	201.27	2.44	6.96	Student	-3.41	-1.20	0.68	1.57	2.44	3.32	4.21	6.09	8.30	
	212.10	0.49	1.73	School	-0.97	-0.42	0.05	0.27	0.49	0.71	0.93	1.40	1.95	
15	204.96	2.00	6.96	Student	-3.86	-1.65	0.23	1.12	2.00	2.87	3.76	5.64	7.85	
	213.72	0.42	1.73	School	-1.04	-0.49	-0.02	0.20	0.42	0.63	0.86	1.33	1.88	
20	207.89	1.64	6.96	Student	-4.21	-2.01	-0.12	0.77	1.64	2.51	3.40	5.29	7.49	
	215.00	0.36	1.73	School	-1.10	-0.55	-0.08	0.14	0.36	0.58	0.80	1.27	1.82	
25	210.41	1.34	6.96	Student	-4.52	-2.31	-0.43	0.46	1.34	2.21	3.10	4.98	7.19	
	216.11	0.31	1.73	School	-1.15	-0.60	-0.13	0.09	0.31	0.53	0.75	1.22	1.77	
30	212.66	1.06	6.96	Student	-4.79	-2.58	-0.70	0.19	1.06	1.94	2.82	4.71	6.92	
	217.10	0.26	1.73	School	-1.20	-0.65	-0.18	0.05	0.26	0.48	0.70	1.17	1.72	
35	214.76	0.81	6.96	Student	-5.04	-2.84	-0.95	-0.07	0.81	1.68	2.57	4.46	6.66	
	218.01	0.22	1.73	School	-1.24	-0.69	-0.22	0.00	0.22	0.44	0.66	1.13	1.68	
40	216.74	0.57	6.96	Student	-5.29	-3.08	-1.19	-0.31	0.57	1.44	2.33	4.22	6.42	
	218.88	0.18	1.73	School	-1.28	-0.73	-0.26	-0.04	0.18	0.40	0.62	1.09	1.64	
45	218.66	0.34	6.96	Student	-5.52	-3.31	-1.43	-0.54	0.34	1.21	2.10	3.98	6.19	
	219.73	0.14	1.73	School	-1.32	-0.77	-0.30	-0.07	0.14	0.36	0.58	1.05	1.60	
50	220.56	0.11	6.96	Student	-5.75	-3.54	-1.66	-0.77	0.11	0.98	1.87	3.75	5.96	
	220.56	0.11	1.73	School	-1.35	-0.80	-0.33	-0.11	0.11	0.32	0.54	1.01	1.56	
55	222.45	-0.12	6.96	Student	-5.98	-3.77	-1.89	-1.00	-0.12	0.75	1.64	3.52	5.73	
	221.38	0.07	1.73	School	-1.39	-0.84	-0.37	-0.15	0.07	0.29	0.51	0.98	1.53	
60	224.37	-0.36	6.96	Student	-6.21	-4.00	-2.12	-1.23	-0.36	0.52	1.41	3.29	5.50	
	222.23	0.03	1.73	School	-1.43	-0.88	-0.41	-0.19	0.03	0.25	0.47	0.94	1.49	
65	226.35	-0.60	6.96	Student	-6.45	-4.24	-2.36	-1.47	-0.60	0.28	1.17	3.05	5.26	
	223.10	-0.01	1.73	School	-1.47	-0.92	-0.45	-0.23	-0.01	0.21	0.43	0.90	1.45	
70	228.45	-0.85	6.96	Student	-6.70	-4.50	-2.61	-1.72	-0.85	0.02	0.91	2.80	5.00	
	224.02	-0.05	1.73	School	-1.51	-0.96	-0.49	-0.27	-0.05	0.17	0.39	0.86	1.41	
75	230.71	-1.12	6.96	Student	-6.98	-4.77	-2.89	-2.00	-1.12	-0.25	0.64	2.52	4.73	
	225.01	-0.10	1.73	School	-1.56	-1.01	-0.54	-0.31	-0.10	0.12	0.34	0.81	1.36	
80	233.22	-1.43	6.96	Student	-7.28	-5.08	-3.19	-2.30	-1.43	-0.56	0.33	2.22	4.42	
	226.11	-0.15	1.73	School	-1.61	-1.06	-0.59	-0.36	-0.15	0.07	0.29	0.76	1.31	
85	236.15	-1.78	6.96	Student	-7.64	-5.43	-3.55	-2.66	-1.78	-0.91	-0.02	1.86	4.07	
	227.39	-0.21	1.73	School	-1.66	-1.11	-0.64	-0.42	-0.21	0.01	0.23	0.70	1.25	
90	239.84	-2.23	6.96	Student	-8.09	-5.88	-3.99	-3.11	-2.23	-1.36	-0.47	1.42	3.62	
	229.01	-0.28	1.73	School	-1.74	-1.19	-0.72	-0.50	-0.28	-0.06	0.16	0.63	1.18	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.66: Language Usage Grade 11
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	201.27	3.53 7.36	Student	-2.66	-0.33	1.67	2.61	3.53	4.46	5.40	7.39	9.73	
	212.10	2.03 1.61	School	0.68	1.19	1.63	1.83	2.03	2.23	2.44	2.88	3.39	
15	204.96	3.20 7.36	Student	-3.00	-0.66	1.33	2.27	3.20	4.12	5.06	7.06	9.39	
	213.72	1.98 1.61	School	0.63	1.14	1.58	1.78	1.98	2.19	2.39	2.83	3.34	
20	207.89	2.93 7.36	Student	-3.27	-0.93	1.06	2.00	2.93	3.85	4.79	6.79	9.12	
	215.00	1.94 1.61	School	0.59	1.10	1.54	1.74	1.94	2.15	2.35	2.79	3.30	
25	210.41	2.70 7.36	Student	-3.50	-1.16	0.83	1.77	2.70	3.62	4.56	6.56	8.89	
	216.11	1.91 1.61	School	0.56	1.07	1.50	1.71	1.91	2.11	2.32	2.75	3.26	
30	212.66	2.49 7.36	Student	-3.70	-1.37	0.63	1.57	2.49	3.42	4.36	6.35	8.69	
	217.10	1.88 1.61	School	0.53	1.04	1.47	1.68	1.88	2.08	2.29	2.72	3.23	
35	214.76	2.30 7.36	Student	-3.89	-1.56	0.44	1.38	2.30	3.23	4.17	6.16	8.50	
	218.01	1.85 1.61	School	0.50	1.01	1.44	1.65	1.85	2.05	2.26	2.69	3.20	
40	216.74	2.12 7.36	Student	-4.07	-1.74	0.26	1.20	2.12	3.05	3.99	5.98	8.32	
	218.88	1.82 1.61	School	0.47	0.98	1.42	1.62	1.82	2.03	2.23	2.67	3.18	
45	218.66	1.95 7.36	Student	-4.25	-1.91	0.08	1.02	1.95	2.87	3.81	5.81	8.14	
	219.73	1.80 1.61	School	0.45	0.96	1.39	1.60	1.80	2.00	2.21	2.64	3.15	
50	220.56	1.77 7.36	Student	-4.42	-2.09	-0.09	0.85	1.77	2.70	3.64	5.63	7.97	
	220.56	1.77 1.61	School	0.42	0.93	1.37	1.57	1.77	1.98	2.18	2.62	3.13	
55	222.45	1.60 7.36	Student	-4.59	-2.26	-0.26	0.68	1.60	2.53	3.47	5.46	7.80	
	221.38	1.75 1.61	School	0.39	0.90	1.34	1.55	1.75	1.95	2.16	2.59	3.10	
60	224.37	1.43 7.36	Student	-4.77	-2.43	-0.44	0.50	1.43	2.35	3.29	5.29	7.62	
	222.23	1.72 1.61	School	0.37	0.88	1.31	1.52	1.72	1.92	2.13	2.57	3.08	
65	226.35	1.24 7.36	Student	-4.95	-2.62	-0.62	0.32	1.24	2.17	3.11	5.10	7.44	
	223.10	1.70 1.61	School	0.34	0.85	1.29	1.49	1.70	1.90	2.10	2.54	3.05	
70	228.45	1.05 7.36	Student	-5.14	-2.81	-0.81	0.13	1.05	1.98	2.92	4.91	7.25	
	224.02	1.67 1.61	School	0.31	0.82	1.26	1.46	1.67	1.87	2.07	2.51	3.02	
75	230.71	0.85 7.36	Student	-5.35	-3.01	-1.02	-0.08	0.85	1.77	2.71	4.71	7.04	
	225.01	1.64 1.61	School	0.28	0.79	1.23	1.43	1.64	1.84	2.04	2.48	2.99	
80	233.22	0.62 7.36	Student	-5.58	-3.24	-1.25	-0.31	0.62	1.54	2.48	4.48	6.81	
	226.11	1.60 1.61	School	0.25	0.76	1.20	1.40	1.60	1.80	2.01	2.45	2.96	
85	236.15	0.35 7.36	Student	-5.84	-3.51	-1.51	-0.57	0.35	1.28	2.21	4.21	6.55	
	227.39	1.56 1.61	School	0.21	0.72	1.16	1.36	1.56	1.77	1.97	2.41	2.92	
90	239.84	0.01 7.36	Student	-6.18	-3.85	-1.85	-0.91	0.01	0.94	1.88	3.87	6.21	
	229.01	1.51 1.61	School	0.16	0.67	1.11	1.31	1.51	1.72	1.92	2.36	2.87	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.67: Language Usage Grade 11
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	201.51	2.43	5.40	Student	-2.11	-0.40	1.07	1.75	2.43	3.11	3.80	5.26	6.97	
	212.29	1.31	0.97	School	0.50	0.80	1.07	1.19	1.31	1.43	1.56	1.82	2.13	
15	205.17	2.20	5.40	Student	-2.35	-0.63	0.83	1.52	2.20	2.87	3.56	5.03	6.74	
	213.89	1.29	0.97	School	0.47	0.78	1.04	1.17	1.29	1.41	1.54	1.80	2.11	
20	208.09	2.01	5.40	Student	-2.53	-0.82	0.64	1.33	2.01	2.69	3.38	4.84	6.55	
	215.16	1.27	0.97	School	0.46	0.76	1.03	1.15	1.27	1.39	1.52	1.78	2.09	
25	210.58	1.85	5.40	Student	-2.70	-0.98	0.48	1.17	1.85	2.52	3.21	4.68	6.39	
	216.26	1.26	0.97	School	0.44	0.75	1.01	1.13	1.26	1.38	1.50	1.77	2.07	
30	212.83	1.70	5.40	Student	-2.84	-1.13	0.33	1.02	1.70	2.38	3.07	4.53	6.24	
	217.24	1.24	0.97	School	0.43	0.73	1.00	1.12	1.24	1.37	1.49	1.75	2.06	
35	214.90	1.57	5.40	Student	-2.97	-1.26	0.20	0.89	1.57	2.25	2.93	4.40	6.11	
	218.14	1.23	0.97	School	0.41	0.72	0.98	1.11	1.23	1.35	1.48	1.74	2.05	
40	216.88	1.44	5.40	Student	-3.10	-1.39	0.07	0.76	1.44	2.12	2.81	4.27	5.98	
	219.01	1.22	0.97	School	0.40	0.71	0.97	1.10	1.22	1.34	1.46	1.73	2.04	
45	218.78	1.32	5.40	Student	-3.23	-1.51	-0.05	0.64	1.32	1.99	2.68	4.15	5.86	
	219.84	1.21	0.97	School	0.39	0.70	0.96	1.08	1.21	1.33	1.45	1.72	2.02	
50	220.66	1.20	5.40	Student	-3.35	-1.63	-0.17	0.52	1.20	1.87	2.56	4.03	5.74	
	220.66	1.20	0.97	School	0.38	0.69	0.95	1.07	1.20	1.32	1.44	1.70	2.01	
55	222.54	1.07	5.40	Student	-3.47	-1.76	-0.29	0.40	1.07	1.75	2.44	3.90	5.62	
	221.48	1.18	0.97	School	0.37	0.68	0.94	1.06	1.18	1.31	1.43	1.69	2.00	
60	224.45	0.95	5.40	Student	-3.59	-1.88	-0.42	0.27	0.95	1.63	2.32	3.78	5.49	
	222.32	1.17	0.97	School	0.36	0.66	0.93	1.05	1.17	1.29	1.42	1.68	1.99	
65	226.42	0.82	5.40	Student	-3.72	-2.01	-0.54	0.15	0.82	1.50	2.19	3.65	5.37	
	223.18	1.16	0.97	School	0.34	0.65	0.91	1.04	1.16	1.28	1.41	1.67	1.98	
70	228.50	0.69	5.40	Student	-3.85	-2.14	-0.68	0.01	0.69	1.37	2.06	3.52	5.23	
	224.09	1.15	0.97	School	0.33	0.64	0.90	1.03	1.15	1.27	1.39	1.66	1.96	
75	230.74	0.54	5.40	Student	-4.00	-2.29	-0.82	-0.13	0.54	1.22	1.91	3.37	5.09	
	225.07	1.13	0.97	School	0.32	0.62	0.89	1.01	1.13	1.26	1.38	1.64	1.95	
80	233.24	0.38	5.40	Student	-4.16	-2.45	-0.98	-0.30	0.38	1.06	1.75	3.21	4.92	
	226.16	1.12	0.97	School	0.30	0.61	0.87	1.00	1.12	1.24	1.36	1.63	1.94	
85	236.15	0.20	5.40	Student	-4.35	-2.63	-1.17	-0.48	0.20	0.87	1.56	3.02	4.74	
	227.43	1.10	0.97	School	0.28	0.59	0.86	0.98	1.10	1.22	1.35	1.61	1.92	
90	239.81	-0.04	5.40	Student	-4.58	-2.87	-1.41	-0.72	-0.04	0.64	1.33	2.79	4.50	
	229.03	1.08	0.97	School	0.26	0.57	0.83	0.96	1.08	1.20	1.32	1.59	1.90	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.68: Language Usage Grade 11
Fall To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	201.51	3.25	7.31	Student	-2.90	-0.58	1.40	2.33	3.25	4.17	5.10	7.08	9.40	
	212.29	1.87	1.70	School	0.44	0.98	1.44	1.66	1.87	2.08	2.30	2.76	3.30	
15	205.17	2.95	7.31	Student	-3.20	-0.88	1.10	2.03	2.95	3.87	4.80	6.78	9.10	
	213.89	1.83	1.70	School	0.40	0.94	1.40	1.62	1.83	2.05	2.26	2.72	3.26	
20	208.09	2.71	7.31	Student	-3.44	-1.12	0.86	1.79	2.71	3.63	4.56	6.54	8.86	
	215.16	1.80	1.70	School	0.37	0.91	1.37	1.59	1.80	2.01	2.23	2.69	3.23	
25	210.58	2.50	7.31	Student	-3.65	-1.33	0.65	1.58	2.50	3.42	4.35	6.33	8.65	
	216.26	1.77	1.70	School	0.35	0.88	1.34	1.56	1.77	1.99	2.20	2.66	3.20	
30	212.83	2.32	7.31	Student	-3.83	-1.52	0.47	1.40	2.32	3.23	4.17	6.15	8.47	
	217.24	1.75	1.70	School	0.32	0.86	1.32	1.54	1.75	1.96	2.18	2.64	3.18	
35	214.90	2.14	7.31	Student	-4.00	-1.69	0.29	1.23	2.14	3.06	4.00	5.98	8.29	
	218.14	1.73	1.70	School	0.30	0.84	1.30	1.52	1.73	1.94	2.16	2.62	3.16	
40	216.88	1.98	7.31	Student	-4.17	-1.85	0.13	1.06	1.98	2.90	3.83	5.81	8.13	
	219.01	1.71	1.70	School	0.28	0.82	1.28	1.49	1.71	1.92	2.14	2.60	3.14	
45	218.78	1.82	7.31	Student	-4.33	-2.01	-0.03	0.90	1.82	2.74	3.67	5.65	7.97	
	219.84	1.69	1.70	School	0.26	0.80	1.26	1.47	1.69	1.90	2.12	2.58	3.12	
50	220.66	1.67	7.31	Student	-4.48	-2.16	-0.18	0.75	1.67	2.59	3.52	5.50	7.82	
	220.66	1.67	1.70	School	0.24	0.78	1.24	1.45	1.67	1.88	2.10	2.56	3.10	
55	222.54	1.51	7.31	Student	-4.64	-2.32	-0.34	0.59	1.51	2.43	3.36	5.34	7.66	
	221.48	1.65	1.70	School	0.22	0.76	1.22	1.43	1.65	1.86	2.08	2.54	3.08	
60	224.45	1.35	7.31	Student	-4.80	-2.48	-0.50	0.44	1.35	2.27	3.20	5.19	7.50	
	222.32	1.63	1.70	School	0.20	0.74	1.20	1.41	1.63	1.84	2.06	2.52	3.06	
65	226.42	1.19	7.31	Student	-4.96	-2.64	-0.66	0.27	1.19	2.11	3.04	5.02	7.34	
	223.18	1.61	1.70	School	0.18	0.72	1.18	1.39	1.61	1.82	2.04	2.50	3.03	
70	228.50	1.02	7.31	Student	-5.13	-2.81	-0.83	0.10	1.02	1.94	2.87	4.85	7.17	
	224.09	1.58	1.70	School	0.16	0.69	1.15	1.37	1.58	1.80	2.01	2.47	3.01	
75	230.74	0.83	7.31	Student	-5.32	-3.00	-1.02	-0.09	0.83	1.75	2.68	4.66	6.98	
	225.07	1.56	1.70	School	0.13	0.67	1.13	1.35	1.56	1.77	1.99	2.45	2.99	
80	233.24	0.63	7.31	Student	-5.52	-3.21	-1.22	-0.29	0.63	1.54	2.48	4.46	6.78	
	226.16	1.53	1.70	School	0.11	0.64	1.10	1.32	1.53	1.75	1.96	2.42	2.96	
85	236.15	0.38	7.31	Student	-5.76	-3.45	-1.47	-0.53	0.38	1.30	2.24	4.22	6.53	
	227.43	1.50	1.70	School	0.07	0.61	1.07	1.29	1.50	1.72	1.93	2.39	2.93	
90	239.81	0.08	7.31	Student	-6.07	-3.75	-1.77	-0.84	0.08	1.00	1.93	3.91	6.23	
	229.03	1.46	1.70	School	0.04	0.57	1.03	1.25	1.46	1.68	1.89	2.35	2.89	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.69: Language Usage Grade 11
Fall To N Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	201.51	-0.06	6.81	Student	-5.79	-3.63	-1.78	-0.91	-0.06	0.80	1.67	3.52	5.68	
	212.29	0.50	1.29	School	-0.58	-0.17	0.18	0.34	0.50	0.66	0.83	1.18	1.58	
15	205.17	0.05	6.81	Student	-5.68	-3.52	-1.68	-0.80	0.05	0.91	1.78	3.63	5.79	
	213.89	0.50	1.29	School	-0.58	-0.17	0.18	0.34	0.50	0.66	0.83	1.18	1.59	
20	208.09	0.14	6.81	Student	-5.60	-3.44	-1.59	-0.72	0.14	0.99	1.86	3.71	5.87	
	215.16	0.50	1.29	School	-0.58	-0.17	0.18	0.34	0.50	0.67	0.83	1.18	1.59	
25	210.58	0.21	6.81	Student	-5.52	-3.36	-1.52	-0.64	0.21	1.07	1.94	3.79	5.95	
	216.26	0.51	1.29	School	-0.58	-0.17	0.18	0.34	0.51	0.67	0.83	1.18	1.59	
30	212.83	0.28	6.81	Student	-5.46	-3.30	-1.45	-0.58	0.28	1.13	2.00	3.85	6.01	
	217.24	0.51	1.29	School	-0.58	-0.17	0.18	0.34	0.51	0.67	0.83	1.18	1.59	
35	214.90	0.34	6.81	Student	-5.40	-3.23	-1.39	-0.52	0.34	1.20	2.07	3.91	6.07	
	218.14	0.51	1.29	School	-0.58	-0.17	0.18	0.35	0.51	0.67	0.83	1.18	1.59	
40	216.88	0.40	6.81	Student	-5.34	-3.18	-1.33	-0.46	0.40	1.25	2.12	3.97	6.13	
	219.01	0.51	1.29	School	-0.58	-0.17	0.18	0.35	0.51	0.67	0.83	1.18	1.59	
45	218.78	0.45	6.81	Student	-5.28	-3.12	-1.27	-0.40	0.45	1.31	2.18	4.03	6.19	
	219.84	0.51	1.29	School	-0.57	-0.17	0.18	0.35	0.51	0.67	0.83	1.18	1.59	
50	220.66	0.51	6.81	Student	-5.23	-3.06	-1.22	-0.35	0.51	1.37	2.24	4.08	6.24	
	220.66	0.51	1.29	School	-0.57	-0.17	0.18	0.35	0.51	0.67	0.84	1.18	1.59	
55	222.54	0.56	6.81	Student	-5.17	-3.01	-1.16	-0.29	0.56	1.42	2.29	4.14	6.30	
	221.48	0.51	1.29	School	-0.57	-0.16	0.18	0.35	0.51	0.67	0.84	1.18	1.59	
60	224.45	0.62	6.81	Student	-5.11	-2.95	-1.11	-0.24	0.62	1.48	2.35	4.19	6.36	
	222.32	0.51	1.29	School	-0.57	-0.16	0.18	0.35	0.51	0.67	0.84	1.19	1.59	
65	226.42	0.68	6.81	Student	-5.06	-2.89	-1.05	-0.18	0.68	1.54	2.41	4.25	6.42	
	223.18	0.51	1.29	School	-0.57	-0.16	0.19	0.35	0.51	0.67	0.84	1.19	1.59	
70	228.50	0.74	6.81	Student	-4.99	-2.83	-0.99	-0.12	0.74	1.60	2.47	4.31	6.48	
	224.09	0.51	1.29	School	-0.57	-0.16	0.19	0.35	0.51	0.67	0.84	1.19	1.60	
75	230.74	0.81	6.81	Student	-4.93	-2.77	-0.92	-0.05	0.81	1.66	2.53	4.38	6.54	
	225.07	0.51	1.29	School	-0.57	-0.16	0.19	0.35	0.51	0.68	0.84	1.19	1.60	
80	233.24	0.88	6.81	Student	-4.85	-2.69	-0.85	0.02	0.88	1.74	2.61	4.45	6.62	
	226.16	0.51	1.29	School	-0.57	-0.16	0.19	0.35	0.51	0.68	0.84	1.19	1.60	
85	236.15	0.97	6.81	Student	-4.77	-2.61	-0.76	0.11	0.97	1.82	2.69	4.54	6.70	
	227.43	0.52	1.29	School	-0.57	-0.16	0.19	0.35	0.52	0.68	0.84	1.19	1.60	
90	239.81	1.08	6.81	Student	-4.66	-2.50	-0.65	0.22	1.08	1.93	2.80	4.65	6.81	
	229.03	0.52	1.29	School	-0.57	-0.16	0.19	0.36	0.52	0.68	0.84	1.19	1.60	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.3.70: Language Usage Grade 11
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		Conditional Growth										
	RIT	Mean	SD	CGP CGI	20	30	40	45	50	55	60	70	80
10	202.66	0.82	4.97	Student	-3.37	-1.79	-0.44	0.19	0.82	1.44	2.08	3.42	5.00
	213.51	0.42	0.73	School	-0.20	0.04	0.23	0.33	0.42	0.51	0.61	0.80	1.04
15	206.33	0.75	4.97	Student	-3.43	-1.86	-0.51	0.13	0.75	1.38	2.01	3.36	4.93
	215.11	0.43	0.73	School	-0.19	0.05	0.24	0.34	0.43	0.52	0.62	0.81	1.05
20	209.25	0.70	4.97	Student	-3.49	-1.91	-0.56	0.07	0.70	1.32	1.96	3.31	4.88
	216.37	0.44	0.73	School	-0.18	0.05	0.25	0.35	0.44	0.53	0.62	0.82	1.05
25	211.75	0.65	4.97	Student	-3.53	-1.95	-0.61	0.03	0.65	1.28	1.91	3.26	4.84
	217.46	0.44	0.73	School	-0.17	0.06	0.26	0.35	0.44	0.54	0.63	0.83	1.06
30	214.00	0.61	4.97	Student	-3.57	-1.99	-0.65	-0.01	0.61	1.24	1.87	3.22	4.80
	218.44	0.45	0.73	School	-0.17	0.07	0.27	0.36	0.45	0.54	0.64	0.83	1.07
35	216.08	0.58	4.97	Student	-3.61	-2.03	-0.68	-0.05	0.58	1.20	1.83	3.18	4.76
	219.35	0.46	0.73	School	-0.16	0.07	0.27	0.36	0.46	0.55	0.64	0.84	1.07
40	218.06	0.54	4.97	Student	-3.64	-2.07	-0.72	-0.08	0.54	1.16	1.80	3.15	4.72
	220.21	0.46	0.73	School	-0.15	0.08	0.28	0.37	0.46	0.55	0.65	0.85	1.08
45	219.97	0.51	4.97	Student	-3.68	-2.10	-0.75	-0.12	0.51	1.13	1.77	3.11	4.69
	221.04	0.47	0.73	School	-0.15	0.08	0.28	0.37	0.47	0.56	0.65	0.85	1.08
50	221.86	0.47	4.97	Student	-3.71	-2.13	-0.79	-0.15	0.47	1.10	1.73	3.08	4.66
	221.86	0.47	0.73	School	-0.14	0.09	0.29	0.38	0.47	0.56	0.66	0.86	1.09
55	223.74	0.44	4.97	Student	-3.75	-2.17	-0.82	-0.19	0.44	1.06	1.70	3.04	4.62
	222.67	0.48	0.73	School	-0.14	0.09	0.29	0.38	0.48	0.57	0.66	0.86	1.09
60	225.65	0.40	4.97	Student	-3.78	-2.20	-0.86	-0.22	0.40	1.03	1.66	3.01	4.59
	223.51	0.48	0.73	School	-0.13	0.10	0.30	0.39	0.48	0.57	0.67	0.87	1.10
65	227.63	0.37	4.97	Student	-3.82	-2.24	-0.89	-0.26	0.37	0.99	1.63	2.98	4.55
	224.37	0.49	0.73	School	-0.13	0.10	0.30	0.40	0.49	0.58	0.67	0.87	1.10
70	229.71	0.33	4.97	Student	-3.85	-2.28	-0.93	-0.29	0.33	0.96	1.59	2.94	4.51
	225.27	0.49	0.73	School	-0.12	0.11	0.31	0.40	0.49	0.59	0.68	0.88	1.11
75	231.96	0.29	4.97	Student	-3.89	-2.32	-0.97	-0.33	0.29	0.92	1.55	2.90	4.47
	226.25	0.50	0.73	School	-0.12	0.12	0.31	0.41	0.50	0.59	0.68	0.88	1.12
80	234.47	0.25	4.97	Student	-3.94	-2.36	-1.01	-0.38	0.25	0.87	1.50	2.85	4.43
	227.34	0.51	0.73	School	-0.11	0.12	0.32	0.41	0.51	0.60	0.69	0.89	1.12
85	237.38	0.19	4.97	Student	-3.99	-2.41	-1.07	-0.43	0.19	0.82	1.45	2.80	4.38
	228.61	0.51	0.73	School	-0.10	0.13	0.33	0.42	0.51	0.61	0.70	0.90	1.13
90	241.06	0.13	4.97	Student	-4.06	-2.48	-1.13	-0.50	0.13	0.75	1.39	2.73	4.31
	230.20	0.52	0.73	School	-0.09	0.14	0.34	0.43	0.52	0.62	0.71	0.91	1.14

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Appendix E.4 - Science

Table E.4.1: Science Grade 2
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth		Conditional Growth										
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	153.17	17.61	6.04	Student	12.53	14.45	16.08	16.85	17.61	18.37	19.14	20.78	22.70
	163.59	13.78	1.48	School	12.53	13.00	13.40	13.59	13.78	13.96	14.15	14.55	15.02
15	156.76	16.66	6.04	Student	11.58	13.49	15.13	15.90	16.66	17.42	18.19	19.83	21.74
	165.19	13.56	1.48	School	12.31	12.78	13.18	13.37	13.56	13.74	13.93	14.33	14.80
20	159.62	15.90	6.04	Student	10.82	12.73	14.37	15.14	15.90	16.66	17.43	19.07	20.98
	166.46	13.38	1.48	School	12.14	12.61	13.01	13.20	13.38	13.57	13.76	14.16	14.63
25	162.07	15.25	6.04	Student	10.17	12.08	13.72	14.49	15.25	16.01	16.78	18.42	20.33
	167.55	13.23	1.48	School	11.99	12.46	12.86	13.05	13.23	13.42	13.61	14.01	14.48
30	164.27	14.67	6.04	Student	9.58	11.50	13.14	13.91	14.67	15.43	16.20	17.83	19.75
	168.53	13.10	1.48	School	11.85	12.32	12.72	12.91	13.10	13.28	13.47	13.87	14.34
35	166.31	14.13	6.04	Student	9.04	10.96	12.60	13.37	14.13	14.88	15.66	17.29	19.21
	169.44	12.97	1.48	School	11.73	12.20	12.60	12.79	12.97	13.16	13.35	13.75	14.22
40	168.25	13.61	6.04	Student	8.53	10.44	12.08	12.85	13.61	14.37	15.14	16.78	18.69
	170.31	12.85	1.48	School	11.61	12.08	12.48	12.67	12.85	13.04	13.23	13.63	14.10
45	170.12	13.11	6.04	Student	8.03	9.95	11.58	12.36	13.11	13.87	14.64	16.28	18.20
	171.14	12.74	1.48	School	11.49	11.96	12.36	12.55	12.74	12.92	13.11	13.52	13.98
50	171.96	12.63	6.04	Student	7.54	9.46	11.10	11.87	12.63	13.38	14.16	15.79	17.71
	171.96	12.63	1.48	School	11.38	11.85	12.25	12.44	12.63	12.81	13.00	13.40	13.87
55	173.80	12.14	6.04	Student	7.05	8.97	10.61	11.38	12.14	12.90	13.67	15.30	17.22
	172.78	12.51	1.48	School	11.27	11.74	12.14	12.33	12.51	12.70	12.89	13.29	13.76
60	175.68	11.64	6.04	Student	6.56	8.47	10.11	10.88	11.64	12.40	13.17	14.81	16.72
	173.62	12.40	1.48	School	11.15	11.62	12.02	12.21	12.40	12.58	12.77	13.17	13.64
65	177.61	11.13	6.04	Student	6.04	7.96	9.60	10.37	11.13	11.89	12.66	14.29	16.21
	174.48	12.28	1.48	School	11.03	11.50	11.90	12.09	12.28	12.47	12.65	13.06	13.53
70	179.65	10.58	6.04	Student	5.50	7.42	9.05	9.83	10.58	11.34	12.11	13.75	15.67
	175.39	12.15	1.48	School	10.91	11.38	11.78	11.97	12.15	12.34	12.53	12.93	13.40
75	181.85	10.00	6.04	Student	4.92	6.83	8.47	9.24	10.00	10.76	11.53	13.17	15.08
	176.37	12.02	1.48	School	10.77	11.24	11.64	11.83	12.02	12.21	12.39	12.80	13.27
80	184.30	9.35	6.04	Student	4.27	6.18	7.82	8.59	9.35	10.11	10.88	12.52	14.43
	177.46	11.87	1.48	School	10.62	11.09	11.49	11.68	11.87	12.06	12.24	12.65	13.12
85	187.16	8.59	6.04	Student	3.51	5.42	7.06	7.83	8.59	9.35	10.12	11.76	13.68
	178.73	11.69	1.48	School	10.45	10.92	11.32	11.51	11.69	11.88	12.07	12.47	12.94
90	190.75	7.64	6.04	Student	2.56	4.47	6.11	6.88	7.64	8.40	9.17	10.81	12.72
	180.33	11.47	1.48	School	10.23	10.70	11.10	11.29	11.47	11.66	11.85	12.25	12.72

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.2: Science Grade 2
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	156.14	10.39	10.22	Student	1.79	5.03	7.80	9.10	10.39	11.67	12.97	15.74	18.99	
	167.60	3.29	2.64	School	1.07	1.91	2.62	2.96	3.29	3.62	3.96	4.67	5.51	
15	159.97	8.69	10.22	Student	0.09	3.33	6.10	7.41	8.69	9.98	11.28	14.05	17.29	
	169.24	2.95	2.64	School	0.73	1.57	2.29	2.62	2.95	3.28	3.62	4.34	5.17	
20	163.02	7.35	10.22	Student	-1.25	1.99	4.76	6.06	7.35	8.63	9.93	12.70	15.95	
	170.54	2.69	2.64	School	0.47	1.30	2.02	2.35	2.69	3.02	3.35	4.07	4.91	
25	165.63	6.19	10.22	Student	-2.41	0.83	3.60	4.91	6.19	7.48	8.78	11.55	14.79	
	171.66	2.46	2.64	School	0.24	1.07	1.79	2.13	2.46	2.79	3.12	3.84	4.68	
30	167.98	5.15	10.22	Student	-3.44	-0.20	2.57	3.87	5.15	6.44	7.74	10.51	13.75	
	172.67	2.25	2.64	School	0.03	0.87	1.58	1.92	2.25	2.58	2.92	3.63	4.47	
35	170.15	4.19	10.22	Student	-4.41	-1.16	1.60	2.91	4.19	5.48	6.78	9.55	12.79	
	173.60	2.06	2.64	School	-0.16	0.68	1.39	1.73	2.06	2.39	2.73	3.44	4.28	
40	172.21	3.28	10.22	Student	-5.32	-2.08	0.69	2.00	3.28	4.57	5.87	8.64	11.88	
	174.48	1.88	2.64	School	-0.34	0.50	1.21	1.55	1.88	2.21	2.55	3.26	4.10	
45	174.21	2.40	10.22	Student	-6.20	-2.96	-0.19	1.12	2.40	3.68	4.99	7.76	11.00	
	175.33	1.70	2.64	School	-0.52	0.32	1.04	1.37	1.70	2.03	2.37	3.09	3.92	
50	176.17	1.53	10.22	Student	-7.07	-3.83	-1.06	0.25	1.53	2.81	4.12	6.89	10.13	
	176.17	1.53	2.64	School	-0.69	0.15	0.86	1.20	1.53	1.86	2.20	2.91	3.75	
55	178.14	0.66	10.22	Student	-7.94	-4.70	-1.93	-0.62	0.66	1.95	3.25	6.02	9.26	
	177.01	1.36	2.64	School	-0.86	-0.02	0.69	1.03	1.36	1.69	2.03	2.74	3.58	
60	180.13	-0.22	10.22	Student	-8.82	-5.58	-2.81	-1.50	-0.22	1.06	2.37	5.14	8.38	
	177.87	1.18	2.64	School	-1.04	-0.20	0.51	0.85	1.18	1.51	1.85	2.57	3.40	
65	182.20	-1.13	10.22	Student	-9.73	-6.49	-3.72	-2.42	-1.13	0.15	1.46	4.23	7.47	
	178.75	1.00	2.64	School	-1.22	-0.38	0.33	0.67	1.00	1.33	1.67	2.39	3.22	
70	184.37	-2.09	10.22	Student	-10.7	-7.45	-4.68	-3.38	-2.09	-0.81	0.50	3.27	6.51	
	179.68	0.81	2.64	School	-1.41	-0.57	0.14	0.48	0.81	1.14	1.48	2.19	3.03	
75	186.72	-3.13	10.22	Student	-11.7	-8.49	-5.72	-4.41	-3.13	-1.85	-0.54	2.23	5.47	
	180.68	0.61	2.64	School	-1.61	-0.78	-0.06	0.27	0.61	0.94	1.27	1.99	2.83	
80	189.33	-4.28	10.22	Student	-12.9	-9.64	-6.87	-5.57	-4.28	-3.00	-1.70	1.07	4.31	
	181.80	0.38	2.64	School	-1.84	-1.01	-0.29	0.04	0.38	0.71	1.04	1.76	2.60	
85	192.37	-5.63	10.22	Student	-14.2	-11.0	-8.22	-6.91	-5.63	-4.35	-3.04	-0.27	2.97	
	183.10	0.11	2.64	School	-2.11	-1.27	-0.56	-0.22	0.11	0.44	0.78	1.49	2.33	
90	196.20	-7.32	10.22	Student	-15.9	-12.7	-9.91	-8.61	-7.32	-6.04	-4.74	-1.97	1.27	
	184.74	-0.23	2.64	School	-2.45	-1.61	-0.90	-0.56	-0.23	0.10	0.44	1.16	1.99	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.3: Science Grade 2
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	156.14	18.11	6.49	Student	12.65	14.70	16.46	17.29	18.11	18.92	19.75	21.51	23.57
	167.60	13.03	1.72	School	11.58	12.12	12.59	12.81	13.03	13.24	13.46	13.93	14.48
15	159.97	16.88	6.49	Student	11.42	13.48	15.24	16.07	16.88	17.70	18.53	20.29	22.34
	169.24	12.77	1.72	School	11.32	11.87	12.34	12.56	12.77	12.99	13.21	13.68	14.22
20	163.02	15.91	6.49	Student	10.45	12.51	14.26	15.09	15.91	16.72	17.55	19.31	21.37
	170.54	12.57	1.72	School	11.12	11.67	12.14	12.36	12.57	12.79	13.01	13.47	14.02
25	165.63	15.07	6.49	Student	9.61	11.67	13.43	14.26	15.07	15.89	16.72	18.48	20.53
	171.66	12.40	1.72	School	10.95	11.50	11.96	12.18	12.40	12.62	12.84	13.30	13.85
30	167.98	14.32	6.49	Student	8.86	10.92	12.68	13.51	14.32	15.14	15.97	17.73	19.78
	172.67	12.24	1.72	School	10.79	11.34	11.81	12.03	12.24	12.46	12.68	13.15	13.69
35	170.15	13.63	6.49	Student	8.17	10.23	11.98	12.81	13.63	14.44	15.27	17.03	19.09
	173.60	12.10	1.72	School	10.65	11.20	11.66	11.88	12.10	12.32	12.54	13.00	13.55
40	172.21	12.97	6.49	Student	7.51	9.57	11.32	12.15	12.97	13.78	14.61	16.37	18.43
	174.48	11.96	1.72	School	10.51	11.06	11.53	11.75	11.96	12.18	12.40	12.87	13.41
45	174.21	12.33	6.49	Student	6.87	8.93	10.69	11.51	12.33	13.15	13.97	15.73	17.79
	175.33	11.83	1.72	School	10.38	10.93	11.40	11.62	11.83	12.05	12.27	12.74	13.28
50	176.17	11.70	6.49	Student	6.24	8.30	10.06	10.89	11.70	12.52	13.35	15.10	17.16
	176.17	11.70	1.72	School	10.25	10.80	11.27	11.49	11.70	11.92	12.14	12.61	13.15
55	178.14	11.07	6.49	Student	5.61	7.67	9.43	10.26	11.07	11.89	12.72	14.48	16.54
	177.01	11.57	1.72	School	10.12	10.67	11.14	11.36	11.57	11.79	12.01	12.48	13.02
60	180.13	10.44	6.49	Student	4.97	7.03	8.79	9.62	10.44	11.25	12.08	13.84	15.90
	177.87	11.44	1.72	School	9.99	10.54	11.00	11.22	11.44	11.66	11.88	12.34	12.89
65	182.20	9.78	6.49	Student	4.32	6.37	8.13	8.96	9.78	10.59	11.42	13.18	15.24
	178.75	11.30	1.72	School	9.85	10.40	10.87	11.09	11.30	11.52	11.74	12.21	12.75
70	184.37	9.08	6.49	Student	3.62	5.68	7.44	8.27	9.08	9.90	10.72	12.48	14.54
	179.68	11.16	1.72	School	9.71	10.26	10.72	10.94	11.16	11.38	11.60	12.06	12.61
75	186.72	8.33	6.49	Student	2.87	4.93	6.69	7.52	8.33	9.15	9.97	11.73	13.79
	180.68	11.01	1.72	School	9.56	10.10	10.57	10.79	11.01	11.22	11.44	11.91	12.45
80	189.33	7.50	6.49	Student	2.03	4.09	5.85	6.68	7.50	8.31	9.14	10.90	12.96
	181.80	10.83	1.72	School	9.38	9.93	10.40	10.62	10.83	11.05	11.27	11.74	12.28
85	192.37	6.52	6.49	Student	1.06	3.12	4.88	5.71	6.52	7.34	8.17	9.92	11.98
	183.10	10.63	1.72	School	9.18	9.73	10.20	10.41	10.63	10.85	11.07	11.53	12.08
90	196.20	5.30	6.49	Student	-0.16	1.89	3.65	4.48	5.30	6.11	6.94	8.70	10.76
	184.74	10.38	1.72	School	8.93	9.47	9.94	10.16	10.38	10.59	10.81	11.28	11.83

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.4: Science Grade 2
Fall To Winter Conditional Growth Percentile

Start %ile	Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	160.49	10.38	6.16	Student	5.20	7.15	8.82	9.61	10.38	11.16	11.94	13.61	15.57		
	170.10	7.18	1.19	School	6.18	6.55	6.88	7.03	7.18	7.33	7.48	7.80	8.18		
15	163.78	9.71	6.16	Student	4.53	6.48	8.15	8.94	9.71	10.49	11.27	12.94	14.90		
	171.55	7.12	1.19	School	6.12	6.50	6.82	6.97	7.12	7.27	7.42	7.75	8.12		
20	166.40	9.18	6.16	Student	4.00	5.95	7.62	8.41	9.18	9.96	10.74	12.41	14.37		
	172.71	7.08	1.19	School	6.07	6.45	6.77	6.93	7.08	7.23	7.38	7.70	8.08		
25	168.64	8.72	6.16	Student	3.54	5.49	7.16	7.95	8.72	9.50	10.29	11.95	13.91		
	173.70	7.04	1.19	School	6.04	6.41	6.74	6.89	7.04	7.19	7.34	7.66	8.04		
30	170.66	8.31	6.16	Student	3.13	5.08	6.75	7.54	8.31	9.09	9.88	11.54	13.50		
	174.59	7.00	1.19	School	6.00	6.38	6.70	6.85	7.00	7.15	7.30	7.63	8.01		
35	172.53	7.94	6.16	Student	2.75	4.70	6.37	7.16	7.94	8.71	9.50	11.17	13.12		
	175.42	6.97	1.19	School	5.97	6.35	6.67	6.82	6.97	7.12	7.27	7.60	7.97		
40	174.30	7.57	6.16	Student	2.39	4.34	6.01	6.80	7.57	8.35	9.14	10.80	12.76		
	176.20	6.94	1.19	School	5.94	6.32	6.64	6.79	6.94	7.09	7.24	7.57	7.94		
45	176.02	7.23	6.16	Student	2.04	4.00	5.67	6.45	7.23	8.00	8.79	10.46	12.41		
	176.96	6.91	1.19	School	5.91	6.29	6.61	6.76	6.91	7.06	7.21	7.54	7.91		
50	177.70	6.88	6.16	Student	1.70	3.65	5.32	6.11	6.88	7.66	8.44	10.11	12.07		
	177.70	6.88	1.19	School	5.88	6.26	6.58	6.73	6.88	7.03	7.18	7.51	7.88		
55	179.39	6.54	6.16	Student	1.36	3.31	4.98	5.77	6.54	7.31	8.10	9.77	11.72		
	178.45	6.85	1.19	School	5.85	6.23	6.55	6.70	6.85	7.00	7.16	7.48	7.86		
60	181.11	6.19	6.16	Student	1.01	2.96	4.63	5.42	6.19	6.96	7.75	9.42	11.38		
	179.21	6.82	1.19	School	5.82	6.20	6.52	6.68	6.82	6.97	7.13	7.45	7.83		
65	182.88	5.83	6.16	Student	0.65	2.60	4.27	5.06	5.83	6.60	7.39	9.06	11.01		
	179.99	6.79	1.19	School	5.79	6.17	6.49	6.64	6.79	6.94	7.10	7.42	7.80		
70	184.75	5.45	6.16	Student	0.27	2.22	3.89	4.68	5.45	6.22	7.01	8.68	10.63		
	180.81	6.76	1.19	School	5.76	6.14	6.46	6.61	6.76	6.91	7.06	7.39	7.76		
75	186.76	5.04	6.16	Student	-0.14	1.81	3.48	4.27	5.04	5.81	6.60	8.27	10.23		
	181.71	6.73	1.19	School	5.73	6.10	6.43	6.58	6.73	6.88	7.03	7.35	7.73		
80	189.01	4.58	6.16	Student	-0.60	1.35	3.02	3.81	4.58	5.36	6.15	7.81	9.77		
	182.70	6.69	1.19	School	5.69	6.07	6.39	6.54	6.69	6.84	6.99	7.31	7.69		
85	191.63	4.05	6.16	Student	-1.13	0.82	2.49	3.28	4.05	4.83	5.61	7.28	9.24		
	183.85	6.64	1.19	School	5.64	6.02	6.34	6.50	6.64	6.79	6.95	7.27	7.65		
90	194.92	3.38	6.16	Student	-1.80	0.15	1.82	2.61	3.38	4.16	4.94	6.61	8.57		
	185.31	6.59	1.19	School	5.59	5.96	6.29	6.44	6.59	6.74	6.89	7.21	7.59		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.5: Science Grade 2
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth										
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	160.49	15.32	8.15	Student	8.46	11.04	13.25	14.29	15.32	16.34	17.38	19.59	22.18	
	170.10	10.69	2.08	School	8.93	9.59	10.16	10.42	10.69	10.95	11.21	11.78	12.44	
15	163.78	14.33	8.15	Student	7.47	10.06	12.27	13.31	14.33	15.36	16.40	18.61	21.19	
	171.55	10.59	2.08	School	8.84	9.50	10.06	10.33	10.59	10.85	11.11	11.68	12.34	
20	166.40	13.55	8.15	Student	6.69	9.28	11.48	12.53	13.55	14.57	15.61	17.82	20.41	
	172.71	10.51	2.08	School	8.76	9.42	9.98	10.25	10.51	10.77	11.04	11.60	12.26	
25	168.64	12.88	8.15	Student	6.02	8.60	10.81	11.85	12.88	13.90	14.94	17.15	19.74	
	173.70	10.44	2.08	School	8.69	9.35	9.91	10.18	10.44	10.70	10.97	11.53	12.19	
30	170.66	12.28	8.15	Student	5.42	8.00	10.21	11.25	12.28	13.30	14.34	16.55	19.14	
	174.59	10.38	2.08	School	8.63	9.29	9.85	10.12	10.38	10.64	10.91	11.47	12.13	
35	172.53	11.72	8.15	Student	4.86	7.44	9.65	10.69	11.72	12.74	13.78	15.99	18.58	
	175.42	10.33	2.08	School	8.57	9.23	9.80	10.06	10.33	10.59	10.85	11.42	12.08	
40	174.30	11.19	8.15	Student	4.33	6.91	9.12	10.16	11.19	12.21	13.25	15.46	18.05	
	176.20	10.27	2.08	School	8.52	9.18	9.75	10.01	10.27	10.53	10.80	11.36	12.02	
45	176.02	10.68	8.15	Student	3.82	6.40	8.61	9.65	10.68	11.70	12.74	14.95	17.54	
	176.96	10.22	2.08	School	8.47	9.13	9.69	9.96	10.22	10.48	10.75	11.31	11.97	
50	177.70	10.17	8.15	Student	3.31	5.90	8.11	9.15	10.17	11.20	12.24	14.45	17.03	
	177.70	10.17	2.08	School	8.42	9.08	9.64	9.91	10.17	10.43	10.70	11.26	11.92	
55	179.39	9.67	8.15	Student	2.81	5.39	7.60	8.64	9.67	10.69	11.73	13.94	16.53	
	178.45	10.12	2.08	School	8.37	9.03	9.59	9.86	10.12	10.38	10.65	11.21	11.87	
60	181.11	9.15	8.15	Student	2.29	4.88	7.09	8.13	9.15	10.18	11.22	13.43	16.01	
	179.21	10.07	2.08	School	8.32	8.98	9.54	9.81	10.07	10.33	10.60	11.16	11.82	
65	182.88	8.62	8.15	Student	1.76	4.35	6.56	7.60	8.62	9.65	10.69	12.90	15.48	
	179.99	10.02	2.08	School	8.27	8.93	9.49	9.76	10.02	10.28	10.54	11.11	11.77	
70	184.75	8.07	8.15	Student	1.21	3.79	6.00	7.04	8.07	9.09	10.13	12.34	14.93	
	180.81	9.96	2.08	School	8.21	8.87	9.43	9.70	9.96	10.22	10.49	11.05	11.71	
75	186.76	7.46	8.15	Student	0.60	3.19	5.40	6.44	7.46	8.49	9.53	11.74	14.32	
	181.71	9.90	2.08	School	8.15	8.81	9.37	9.64	9.90	10.16	10.43	10.99	11.65	
80	189.01	6.79	8.15	Student	-0.07	2.52	4.73	5.77	6.79	7.82	8.86	11.07	13.65	
	182.70	9.83	2.08	School	8.08	8.74	9.31	9.57	9.83	10.10	10.36	10.92	11.58	
85	191.63	6.01	8.15	Student	-0.85	1.74	3.95	4.99	6.01	7.04	8.08	10.29	12.87	
	183.85	9.76	2.08	School	8.00	8.66	9.23	9.49	9.76	10.02	10.28	10.85	11.51	
90	194.92	5.03	8.15	Student	-1.83	0.75	2.96	4.00	5.03	6.05	7.09	9.30	11.89	
	185.31	9.66	2.08	School	7.91	8.57	9.13	9.40	9.66	9.92	10.18	10.75	11.41	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.6: Science Grade 2
Fall To N Fall Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	160.49	15.64	7.82	Student	9.06	11.54	13.66	14.66	15.64	16.63	17.63	19.75	22.23
	170.10	11.44	2.00	School	9.76	10.39	10.94	11.19	11.44	11.69	11.95	12.49	13.13
15	163.78	14.67	7.82	Student	8.08	10.57	12.69	13.69	14.67	15.65	16.65	18.77	21.25
	171.55	11.27	2.00	School	9.59	10.22	10.76	11.02	11.27	11.52	11.78	12.32	12.96
20	166.40	13.89	7.82	Student	7.31	9.79	11.91	12.91	13.89	14.88	15.88	18.00	20.48
	172.71	11.13	2.00	School	9.45	10.09	10.63	10.88	11.13	11.39	11.64	12.18	12.82
25	168.64	13.23	7.82	Student	6.64	9.13	11.25	12.25	13.23	14.21	15.21	17.33	19.81
	173.70	11.02	2.00	School	9.33	9.97	10.51	10.77	11.02	11.27	11.52	12.07	12.70
30	170.66	12.63	7.82	Student	6.05	8.53	10.65	11.65	12.63	13.61	14.61	16.73	19.22
	174.59	10.91	2.00	School	9.23	9.86	10.41	10.66	10.91	11.16	11.42	11.96	12.60
35	172.53	12.08	7.82	Student	5.49	7.98	10.10	11.10	12.08	13.06	14.06	16.18	18.66
	175.42	10.82	2.00	School	9.13	9.77	10.31	10.56	10.82	11.07	11.32	11.86	12.50
40	174.30	11.55	7.82	Student	4.97	7.45	9.57	10.57	11.55	12.54	13.54	15.66	18.14
	176.20	10.72	2.00	School	9.04	9.67	10.22	10.47	10.72	10.97	11.23	11.77	12.41
45	176.02	11.05	7.82	Student	4.46	6.94	9.06	10.06	11.05	12.03	13.03	15.15	17.63
	176.96	10.63	2.00	School	8.95	9.58	10.13	10.38	10.63	10.88	11.14	11.68	12.32
50	177.70	10.55	7.82	Student	3.96	6.44	8.56	9.56	10.55	11.53	12.53	14.65	17.13
	177.70	10.55	2.00	School	8.86	9.50	10.04	10.29	10.55	10.80	11.05	11.59	12.23
55	179.39	10.05	7.82	Student	3.46	5.94	8.06	9.06	10.05	11.03	12.03	14.15	16.63
	178.45	10.46	2.00	School	8.77	9.41	9.95	10.21	10.46	10.71	10.96	11.51	12.14
60	181.11	9.54	7.82	Student	2.95	5.43	7.55	8.55	9.54	10.52	11.52	13.64	16.12
	179.21	10.37	2.00	School	8.68	9.32	9.86	10.12	10.37	10.62	10.87	11.42	12.05
65	182.88	9.01	7.82	Student	2.43	4.91	7.03	8.03	9.01	10.00	10.99	13.11	15.60
	179.99	10.28	2.00	School	8.59	9.23	9.77	10.02	10.28	10.53	10.78	11.32	11.96
70	184.75	8.46	7.82	Student	1.87	4.36	6.48	7.48	8.46	9.44	10.44	12.56	15.04
	180.81	10.18	2.00	School	8.49	9.13	9.67	9.93	10.18	10.43	10.68	11.23	11.86
75	186.76	7.86	7.82	Student	1.28	3.76	5.88	6.88	7.86	8.84	9.84	11.96	14.45
	181.71	10.07	2.00	School	8.39	9.02	9.57	9.82	10.07	10.32	10.58	11.12	11.76
80	189.01	7.20	7.82	Student	0.61	3.09	5.21	6.21	7.20	8.18	9.18	11.30	13.78
	182.70	9.96	2.00	School	8.27	8.91	9.45	9.70	9.96	10.21	10.46	11.01	11.64
85	191.63	6.42	7.82	Student	-0.16	2.32	4.44	5.44	6.42	7.40	8.40	10.52	13.01
	183.85	9.82	2.00	School	8.13	8.77	9.31	9.57	9.82	10.07	10.33	10.87	11.50
90	194.92	5.45	7.82	Student	-1.14	1.34	3.46	4.46	5.45	6.43	7.43	9.55	12.03
	185.31	9.65	2.00	School	7.96	8.60	9.14	9.40	9.65	9.90	10.15	10.70	11.33

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.7: Science Grade 2
Winter To Spring Conditional Growth Percentile

Start Status	Growth			CGP	Conditional Growth									
	%ile	RIT	Mean		SD	CGI	20	30	40	45	50	55	60	70
10	168.76	5.10	5.96	Student	0.08	1.97	3.59	4.35	5.10	5.85	6.61	8.22	10.11	
	177.12	3.27	0.91	School	2.51	2.79	3.04	3.16	3.27	3.39	3.50	3.75	4.04	
15	171.79	4.75	5.96	Student	-0.27	1.63	3.24	4.00	4.75	5.50	6.26	7.88	9.77	
	178.55	3.27	0.91	School	2.51	2.80	3.04	3.16	3.27	3.39	3.50	3.75	4.04	
20	174.19	4.48	5.96	Student	-0.54	1.35	2.97	3.73	4.48	5.22	5.99	7.60	9.49	
	179.68	3.28	0.91	School	2.51	2.80	3.05	3.16	3.28	3.39	3.51	3.75	4.04	
25	176.26	4.24	5.96	Student	-0.78	1.11	2.73	3.49	4.24	4.99	5.75	7.37	9.26	
	180.66	3.28	0.91	School	2.51	2.80	3.05	3.16	3.28	3.39	3.51	3.76	4.04	
30	178.11	4.03	5.96	Student	-0.99	0.90	2.52	3.28	4.03	4.78	5.54	7.15	9.04	
	181.53	3.28	0.91	School	2.52	2.80	3.05	3.17	3.28	3.40	3.51	3.76	4.05	
35	179.83	3.83	5.96	Student	-1.18	0.71	2.32	3.08	3.83	4.58	5.34	6.96	8.85	
	182.34	3.28	0.91	School	2.52	2.81	3.05	3.17	3.28	3.40	3.51	3.76	4.05	
40	181.46	3.65	5.96	Student	-1.37	0.52	2.14	2.90	3.65	4.39	5.16	6.77	8.66	
	183.11	3.28	0.91	School	2.52	2.81	3.05	3.17	3.28	3.40	3.52	3.76	4.05	
45	183.03	3.47	5.96	Student	-1.55	0.34	1.96	2.72	3.47	4.21	4.98	6.59	8.48	
	183.85	3.29	0.91	School	2.52	2.81	3.06	3.17	3.29	3.40	3.52	3.76	4.05	
50	184.59	3.29	5.96	Student	-1.73	0.16	1.78	2.54	3.29	4.04	4.80	6.41	8.30	
	184.59	3.29	0.91	School	2.52	2.81	3.06	3.17	3.29	3.40	3.52	3.77	4.05	
55	186.14	3.11	5.96	Student	-1.91	-0.01	1.60	2.36	3.11	3.86	4.62	6.24	8.13	
	185.32	3.29	0.91	School	2.52	2.81	3.06	3.18	3.29	3.40	3.52	3.77	4.06	
60	187.71	2.93	5.96	Student	-2.09	-0.19	1.42	2.18	2.93	3.68	4.44	6.06	7.95	
	186.06	3.29	0.91	School	2.53	2.82	3.06	3.18	3.29	3.41	3.52	3.77	4.06	
65	189.34	2.74	5.96	Student	-2.27	-0.38	1.23	2.00	2.74	3.49	4.25	5.87	7.76	
	186.83	3.29	0.91	School	2.53	2.82	3.06	3.18	3.29	3.41	3.52	3.77	4.06	
70	191.06	2.55	5.96	Student	-2.47	-0.58	1.04	1.80	2.55	3.30	4.06	5.67	7.56	
	187.64	3.30	0.91	School	2.53	2.82	3.07	3.18	3.30	3.41	3.53	3.77	4.06	
75	192.92	2.34	5.96	Student	-2.68	-0.79	0.83	1.59	2.34	3.09	3.85	5.46	7.35	
	188.52	3.30	0.91	School	2.53	2.82	3.07	3.18	3.30	3.41	3.53	3.77	4.06	
80	194.98	2.10	5.96	Student	-2.92	-1.02	0.59	1.35	2.10	2.85	3.61	5.23	7.12	
	189.49	3.30	0.91	School	2.53	2.82	3.07	3.19	3.30	3.41	3.53	3.78	4.07	
85	197.38	1.83	5.96	Student	-3.19	-1.30	0.32	1.08	1.83	2.58	3.34	4.95	6.84	
	190.62	3.30	0.91	School	2.54	2.83	3.07	3.19	3.30	3.42	3.53	3.78	4.07	
90	200.41	1.48	5.96	Student	-3.54	-1.65	-0.03	0.73	1.48	2.23	2.99	4.61	6.50	
	192.05	3.31	0.91	School	2.54	2.83	3.08	3.19	3.31	3.42	3.54	3.78	4.07	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.8: Science Grade 3
Last Winter To Winter Conditional Growth Percentile

Start Status	Growth			Conditional Growth									
				CGP	20	30	40	45	50	55	60	70	80
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	166.75	13.82	6.07	Student	8.71	10.64	12.29	13.06	13.82	14.59	15.36	17.01	18.94
	175.36	10.89	1.66	School	9.49	10.02	10.47	10.68	10.89	11.09	11.31	11.76	12.28
15	169.88	13.12	6.07	Student	8.01	9.94	11.58	12.36	13.12	13.89	14.66	16.31	18.23
	176.85	10.75	1.66	School	9.35	9.88	10.33	10.54	10.75	10.95	11.17	11.62	12.14
20	172.37	12.56	6.07	Student	7.45	9.38	11.03	11.80	12.56	13.33	14.10	15.75	17.68
	178.03	10.63	1.66	School	9.24	9.77	10.21	10.43	10.63	10.84	11.06	11.50	12.03
25	174.51	12.09	6.07	Student	6.97	8.90	10.55	11.32	12.09	12.85	13.63	15.27	17.20
	179.04	10.54	1.66	School	9.14	9.67	10.12	10.33	10.54	10.75	10.96	11.41	11.94
30	176.43	11.66	6.07	Student	6.54	8.47	10.12	10.89	11.66	12.42	13.20	14.84	16.77
	179.95	10.45	1.66	School	9.06	9.58	10.03	10.25	10.45	10.66	10.87	11.32	11.85
35	178.20	11.26	6.07	Student	6.15	8.07	9.72	10.50	11.26	12.02	12.80	14.44	16.37
	180.79	10.37	1.66	School	8.98	9.51	9.95	10.17	10.37	10.58	10.80	11.24	11.77
40	179.89	10.88	6.07	Student	5.77	7.70	9.34	10.12	10.88	11.64	12.42	14.07	15.99
	181.59	10.30	1.66	School	8.90	9.43	9.88	10.09	10.30	10.51	10.72	11.17	11.70
45	181.52	10.52	6.07	Student	5.40	7.33	8.98	9.75	10.52	11.28	12.05	13.70	15.63
	182.37	10.23	1.66	School	8.83	9.36	9.81	10.02	10.23	10.44	10.65	11.10	11.62
50	183.13	10.16	6.07	Student	5.04	6.97	8.62	9.39	10.16	10.92	11.69	13.34	15.27
	183.13	10.16	1.66	School	8.76	9.29	9.74	9.95	10.16	10.36	10.58	11.03	11.55
55	184.74	9.80	6.07	Student	4.68	6.61	8.26	9.03	9.80	10.56	11.33	12.98	14.91
	183.89	10.08	1.66	School	8.69	9.21	9.66	9.88	10.08	10.29	10.50	10.95	11.48
60	186.37	9.43	6.07	Student	4.32	6.25	7.89	8.67	9.43	10.19	10.97	12.62	14.54
	184.67	10.01	1.66	School	8.62	9.14	9.59	9.80	10.01	10.22	10.43	10.88	11.41
65	188.06	9.05	6.07	Student	3.94	5.87	7.51	8.29	9.05	9.82	10.59	12.24	14.16
	185.47	9.94	1.66	School	8.54	9.07	9.52	9.73	9.94	10.14	10.36	10.81	11.33
70	189.84	8.65	6.07	Student	3.54	5.47	7.12	7.89	8.65	9.42	10.19	11.84	13.77
	186.31	9.86	1.66	School	8.46	8.99	9.44	9.65	9.86	10.07	10.28	10.73	11.25
75	191.75	8.22	6.07	Student	3.11	5.04	6.69	7.46	8.22	8.99	9.76	11.41	13.34
	187.22	9.77	1.66	School	8.38	8.90	9.35	9.56	9.77	9.98	10.19	10.64	11.17
80	193.89	7.75	6.07	Student	2.63	4.56	6.21	6.98	7.75	8.51	9.29	10.93	12.86
	188.23	9.68	1.66	School	8.28	8.81	9.26	9.47	9.68	9.88	10.10	10.55	11.07
85	196.38	7.19	6.07	Student	2.08	4.00	5.65	6.43	7.19	7.95	8.73	10.37	12.30
	189.42	9.57	1.66	School	8.17	8.70	9.14	9.36	9.57	9.77	9.99	10.43	10.96
90	199.51	6.49	6.07	Student	1.38	3.30	4.95	5.72	6.49	7.25	8.03	9.67	11.60
	190.90	9.43	1.66	School	8.03	8.56	9.01	9.22	9.43	9.63	9.85	10.30	10.82

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.9: Science Grade 3
Last Spring To Fall Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	169.22	7.84 8.91	Student	0.34	3.16	5.58	6.72	7.84	8.96	10.09	12.51	15.34	
	178.22	3.67 3.70	School	0.56	1.73	2.73	3.20	3.67	4.13	4.60	5.60	6.78	
15	172.50	6.62 8.91	Student	-0.88	1.94	4.36	5.50	6.62	7.73	8.87	11.29	14.11	
	179.78	3.24 3.70	School	0.13	1.31	2.31	2.78	3.24	3.71	4.18	5.18	6.35	
20	175.11	5.64 8.91	Student	-1.85	0.97	3.39	4.52	5.64	6.76	7.90	10.32	13.14	
	181.02	2.91 3.70	School	-0.20	0.97	1.97	2.44	2.91	3.37	3.84	4.84	6.02	
25	177.35	4.81 8.91	Student	-2.69	0.14	2.55	3.69	4.81	5.93	7.07	9.48	12.31	
	182.09	2.62 3.70	School	-0.49	0.68	1.68	2.15	2.62	3.08	3.55	4.55	5.73	
30	179.36	4.06 8.91	Student	-3.44	-0.61	1.81	2.94	4.06	5.18	6.32	8.74	11.56	
	183.05	2.36 3.70	School	-0.75	0.42	1.42	1.89	2.36	2.82	3.29	4.30	5.47	
35	181.23	3.37 8.91	Student	-4.13	-1.30	1.11	2.25	3.37	4.49	5.63	8.04	10.87	
	183.93	2.12 3.70	School	-0.99	0.18	1.18	1.65	2.12	2.58	3.05	4.05	5.23	
40	183.00	2.71 8.91	Student	-4.79	-1.96	0.46	1.59	2.71	3.83	4.97	7.39	10.21	
	184.77	1.89 3.70	School	-1.22	-0.05	0.95	1.42	1.89	2.35	2.82	3.83	5.00	
45	184.71	2.08 8.91	Student	-5.42	-2.60	-0.18	0.96	2.08	3.20	4.33	6.75	9.58	
	185.59	1.67 3.70	School	-1.44	-0.27	0.73	1.20	1.67	2.13	2.60	3.61	4.78	
50	186.39	1.45 8.91	Student	-6.05	-3.22	-0.81	0.33	1.45	2.57	3.71	6.12	8.95	
	186.39	1.45 3.70	School	-1.66	-0.49	0.51	0.99	1.45	1.91	2.39	3.39	4.56	
55	188.07	0.82 8.91	Student	-6.67	-3.85	-1.43	-0.30	0.82	1.94	3.08	5.50	8.32	
	187.19	1.23 3.70	School	-1.88	-0.70	0.30	0.77	1.23	1.70	2.17	3.17	4.34	
60	189.78	0.19 8.91	Student	-7.31	-4.48	-2.07	-0.93	0.19	1.31	2.45	4.86	7.69	
	188.01	1.01 3.70	School	-2.10	-0.93	0.08	0.55	1.01	1.48	1.95	2.95	4.12	
65	191.55	-0.47 8.91	Student	-7.97	-5.14	-2.73	-1.59	-0.47	0.65	1.79	4.20	7.03	
	188.85	0.78 3.70	School	-2.33	-1.15	-0.15	0.32	0.78	1.25	1.72	2.72	3.89	
70	193.41	-1.16 8.91	Student	-8.66	-5.84	-3.42	-2.28	-1.16	-0.04	1.09	3.51	6.34	
	189.73	0.54 3.70	School	-2.57	-1.39	-0.39	0.08	0.54	1.01	1.48	2.48	3.65	
75	195.43	-1.91 8.91	Student	-9.41	-6.58	-4.17	-3.03	-1.91	-0.79	0.35	2.76	5.59	
	190.69	0.28 3.70	School	-2.83	-1.65	-0.65	-0.18	0.28	0.75	1.22	2.22	3.39	
80	197.66	-2.74 8.91	Student	-10.2	-7.42	-5.00	-3.86	-2.74	-1.62	-0.49	1.93	4.75	
	191.76	-0.01 3.70	School	-3.12	-1.94	-0.94	-0.47	-0.01	0.46	0.93	1.93	3.10	
85	200.27	-3.71 8.91	Student	-11.2	-8.39	-5.97	-4.83	-3.71	-2.59	-1.46	0.96	3.78	
	193.00	-0.34 3.70	School	-3.45	-2.28	-1.28	-0.81	-0.34	0.12	0.59	1.60	2.77	
90	203.56	-4.94 8.91	Student	-12.4	-9.61	-7.19	-6.06	-4.94	-3.82	-2.68	-0.26	2.56	
	194.56	-0.77 3.70	School	-3.88	-2.70	-1.70	-1.23	-0.77	-0.30	0.17	1.17	2.34	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.10: Science Grade 3
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth								
	RIT	Mean	SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	169.22	14.14	6.54	Student	8.64	10.71	12.48	13.32	14.14	14.96	15.79	17.57	19.64
	178.22	10.78	2.24	School	8.90	9.61	10.21	10.50	10.78	11.06	11.35	11.95	12.66
15	172.50	13.25	6.54	Student	7.75	9.82	11.59	12.43	13.25	14.07	14.91	16.68	18.75
	179.78	10.53	2.24	School	8.65	9.36	9.97	10.25	10.53	10.82	11.10	11.71	12.42
20	175.11	12.54	6.54	Student	7.04	9.11	10.89	11.72	12.54	13.36	14.20	15.97	18.04
	181.02	10.34	2.24	School	8.45	9.16	9.77	10.06	10.34	10.62	10.91	11.51	12.22
25	177.35	11.94	6.54	Student	6.43	8.51	10.28	11.11	11.94	12.76	13.59	15.36	17.44
	182.09	10.17	2.24	School	8.29	9.00	9.60	9.89	10.17	10.45	10.74	11.34	12.05
30	179.36	11.39	6.54	Student	5.89	7.96	9.74	10.57	11.39	12.21	13.05	14.82	16.89
	183.05	10.02	2.24	School	8.13	8.84	9.45	9.74	10.02	10.30	10.59	11.19	11.90
35	181.23	10.89	6.54	Student	5.39	7.46	9.23	10.07	10.89	11.71	12.54	14.32	16.39
	183.93	9.88	2.24	School	7.99	8.70	9.31	9.60	9.88	10.16	10.45	11.05	11.76
40	183.00	10.41	6.54	Student	4.91	6.98	8.75	9.59	10.41	11.23	12.07	13.84	15.91
	184.77	9.75	2.24	School	7.86	8.57	9.18	9.46	9.75	10.03	10.31	10.92	11.63
45	184.71	9.95	6.54	Student	4.44	6.52	8.29	9.12	9.95	10.77	11.60	13.37	15.45
	185.59	9.62	2.24	School	7.73	8.44	9.05	9.34	9.62	9.90	10.18	10.79	11.50
50	186.39	9.49	6.54	Student	3.99	6.06	7.83	8.67	9.49	10.31	11.15	12.92	14.99
	186.39	9.49	2.24	School	7.61	8.32	8.92	9.21	9.49	9.77	10.06	10.66	11.37
55	188.07	9.03	6.54	Student	3.53	5.61	7.38	8.21	9.03	9.86	10.69	12.46	14.54
	187.19	9.36	2.24	School	7.48	8.19	8.80	9.08	9.36	9.64	9.93	10.54	11.25
60	189.78	8.57	6.54	Student	3.07	5.14	6.92	7.75	8.57	9.39	10.23	12.00	14.07
	188.01	9.24	2.24	School	7.35	8.06	8.67	8.95	9.24	9.52	9.80	10.41	11.12
65	191.55	8.09	6.54	Student	2.59	4.66	6.44	7.27	8.09	8.91	9.75	11.52	13.60
	188.85	9.10	2.24	School	7.22	7.93	8.54	8.82	9.10	9.38	9.67	10.28	10.99
70	193.41	7.59	6.54	Student	2.09	4.16	5.93	6.77	7.59	8.41	9.24	11.02	13.09
	189.73	8.96	2.24	School	7.08	7.79	8.39	8.68	8.96	9.24	9.53	10.14	10.85
75	195.43	7.04	6.54	Student	1.54	3.62	5.39	6.22	7.04	7.87	8.70	10.47	12.55
	190.69	8.81	2.24	School	6.93	7.64	8.24	8.53	8.81	9.09	9.38	9.98	10.69
80	197.66	6.44	6.54	Student	0.94	3.01	4.78	5.62	6.44	7.26	8.09	9.87	11.94
	191.76	8.64	2.24	School	6.76	7.47	8.08	8.36	8.64	8.92	9.21	9.82	10.53
85	200.27	5.73	6.54	Student	0.23	2.30	4.08	4.91	5.73	6.55	7.39	9.16	11.23
	193.00	8.45	2.24	School	6.56	7.27	7.88	8.17	8.45	8.73	9.01	9.62	10.33
90	203.56	4.84	6.54	Student	-0.66	1.41	3.19	4.02	4.84	5.66	6.50	8.27	10.35
	194.56	8.20	2.24	School	6.32	7.03	7.63	7.92	8.20	8.48	8.77	9.37	10.08

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.11: Science Grade 3
Fall To Winter Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	172.14	8.21	5.78	Student	3.35	5.18	6.75	7.48	8.21	8.94	9.67	11.24	13.07
	180.23	5.91	1.37	School	4.76	5.19	5.57	5.74	5.91	6.09	6.26	6.64	7.07
15	175.14	7.68	5.78	Student	2.82	4.65	6.22	6.96	7.68	8.41	9.15	10.71	12.55
	181.69	5.83	1.37	School	4.67	5.10	5.48	5.65	5.83	6.00	6.17	6.55	6.98
20	177.53	7.26	5.78	Student	2.40	4.23	5.80	6.54	7.26	7.99	8.73	10.29	12.12
	182.84	5.75	1.37	School	4.60	5.03	5.41	5.58	5.75	5.93	6.10	6.47	6.91
25	179.57	6.90	5.78	Student	2.04	3.87	5.44	6.18	6.90	7.63	8.37	9.93	11.76
	183.83	5.69	1.37	School	4.54	4.97	5.34	5.52	5.69	5.87	6.04	6.41	6.85
30	181.41	6.58	5.78	Student	1.71	3.55	5.11	5.85	6.58	7.30	8.04	9.61	11.44
	184.73	5.64	1.37	School	4.48	4.92	5.29	5.47	5.64	5.81	5.99	6.36	6.79
35	183.12	6.28	5.78	Student	1.41	3.25	4.81	5.55	6.28	7.00	7.74	9.31	11.14
	185.55	5.59	1.37	School	4.43	4.87	5.24	5.41	5.59	5.76	5.94	6.31	6.74
40	184.74	5.99	5.78	Student	1.13	2.96	4.53	5.27	5.99	6.72	7.46	9.02	10.86
	186.34	5.54	1.37	School	4.38	4.82	5.19	5.37	5.54	5.71	5.89	6.26	6.70
45	186.30	5.72	5.78	Student	0.85	2.69	4.25	4.99	5.72	6.44	7.18	8.75	10.58
	187.09	5.49	1.37	School	4.34	4.77	5.14	5.32	5.49	5.66	5.84	6.21	6.65
50	187.84	5.45	5.78	Student	0.58	2.42	3.98	4.72	5.45	6.17	6.91	8.48	10.31
	187.84	5.45	1.37	School	4.29	4.73	5.10	5.27	5.45	5.62	5.79	6.17	6.60
55	189.38	5.18	5.78	Student	0.31	2.15	3.71	4.45	5.18	5.90	6.64	8.21	10.04
	188.59	5.40	1.37	School	4.24	4.68	5.05	5.23	5.40	5.57	5.75	6.12	6.56
60	190.94	4.90	5.78	Student	0.04	1.87	3.44	4.17	4.90	5.63	6.36	7.93	9.76
	189.34	5.35	1.37	School	4.20	4.63	5.01	5.18	5.35	5.53	5.70	6.07	6.51
65	192.56	4.61	5.78	Student	-0.25	1.58	3.15	3.89	4.61	5.34	6.08	7.65	9.48
	190.13	5.31	1.37	School	4.15	4.58	4.96	5.13	5.31	5.48	5.65	6.03	6.46
70	194.27	4.31	5.78	Student	-0.55	1.28	2.85	3.59	4.31	5.04	5.78	7.35	9.18
	190.95	5.25	1.37	School	4.10	4.53	4.91	5.08	5.25	5.43	5.60	5.98	6.41
75	196.11	3.99	5.78	Student	-0.87	0.96	2.53	3.27	3.99	4.72	5.46	7.02	8.85
	191.85	5.20	1.37	School	4.04	4.48	4.85	5.03	5.20	5.37	5.55	5.92	6.36
80	198.15	3.63	5.78	Student	-1.23	0.60	2.17	2.90	3.63	4.36	5.09	6.66	8.49
	192.84	5.14	1.37	School	3.98	4.42	4.79	4.97	5.14	5.31	5.49	5.86	6.29
85	200.54	3.21	5.78	Student	-1.65	0.18	1.75	2.48	3.21	3.94	4.67	6.24	8.07
	193.99	5.07	1.37	School	3.91	4.35	4.72	4.89	5.07	5.24	5.42	5.79	6.22
90	203.54	2.68	5.78	Student	-2.18	-0.35	1.22	1.96	2.68	3.41	4.15	5.71	7.54
	195.45	4.98	1.37	School	3.82	4.26	4.63	4.80	4.98	5.15	5.33	5.70	6.13

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.12: Science Grade 3
Fall To Spring Conditional Growth Percentile

Start %ile	Status			CGP	Conditional Growth									
	RIT	Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	172.14	11.80	7.17	Student	5.77	8.04	9.99	10.90	11.80	12.70	13.62	15.56	17.84	
	180.23	8.86	2.40	School	6.84	7.60	8.25	8.56	8.86	9.16	9.47	10.12	10.88	
15	175.14	11.08	7.17	Student	5.05	7.32	9.27	10.18	11.08	11.98	12.90	14.84	17.12	
	181.69	8.70	2.40	School	6.68	7.44	8.09	8.40	8.70	9.00	9.31	9.96	10.73	
20	177.53	10.51	7.17	Student	4.48	6.75	8.70	9.61	10.51	11.41	12.33	14.27	16.55	
	182.84	8.58	2.40	School	6.56	7.32	7.97	8.28	8.58	8.88	9.19	9.84	10.60	
25	179.57	10.02	7.17	Student	3.99	6.26	8.20	9.12	10.02	10.92	11.84	13.78	16.05	
	183.83	8.47	2.40	School	6.45	7.21	7.86	8.17	8.47	8.77	9.08	9.73	10.49	
30	181.41	9.58	7.17	Student	3.55	5.82	7.76	8.68	9.58	10.48	11.40	13.34	15.61	
	184.73	8.38	2.40	School	6.35	7.11	7.77	8.07	8.38	8.68	8.98	9.64	10.40	
35	183.12	9.17	7.17	Student	3.14	5.41	7.36	8.27	9.17	10.07	10.99	12.93	15.21	
	185.55	8.29	2.40	School	6.26	7.03	7.68	7.98	8.29	8.59	8.90	9.55	10.31	
40	184.74	8.78	7.17	Student	2.75	5.02	6.97	7.88	8.78	9.68	10.60	12.54	14.82	
	186.34	8.20	2.40	School	6.18	6.94	7.59	7.90	8.20	8.50	8.81	9.46	10.22	
45	186.30	8.41	7.17	Student	2.38	4.65	6.59	7.51	8.41	9.31	10.23	12.17	14.44	
	187.09	8.12	2.40	School	6.10	6.86	7.51	7.82	8.12	8.42	8.73	9.38	10.14	
50	187.84	8.04	7.17	Student	2.01	4.28	6.22	7.14	8.04	8.94	9.86	11.80	14.07	
	187.84	8.04	2.40	School	6.02	6.78	7.43	7.74	8.04	8.34	8.65	9.30	10.06	
55	189.38	7.67	7.17	Student	1.64	3.91	5.85	6.77	7.67	8.57	9.49	11.43	13.70	
	188.59	7.96	2.40	School	5.94	6.70	7.35	7.66	7.96	8.26	8.57	9.22	9.98	
60	190.94	7.30	7.17	Student	1.26	3.54	5.48	6.39	7.30	8.20	9.11	11.06	13.33	
	189.34	7.88	2.40	School	5.86	6.62	7.27	7.58	7.88	8.18	8.49	9.14	9.90	
65	192.56	6.91	7.17	Student	0.87	3.15	5.09	6.01	6.91	7.81	8.72	10.67	12.94	
	190.13	7.79	2.40	School	5.77	6.53	7.18	7.49	7.79	8.10	8.40	9.05	9.82	
70	194.27	6.50	7.17	Student	0.47	2.74	4.68	5.60	6.50	7.40	8.32	10.26	12.53	
	190.95	7.70	2.40	School	5.68	6.44	7.10	7.40	7.70	8.01	8.31	8.96	9.73	
75	196.11	6.06	7.17	Student	0.03	2.30	4.24	5.16	6.06	6.96	7.88	9.82	12.09	
	191.85	7.61	2.40	School	5.59	6.35	7.00	7.31	7.61	7.91	8.22	8.87	9.63	
80	198.15	5.57	7.17	Student	-0.47	1.81	3.75	4.67	5.57	6.47	7.38	9.33	11.60	
	192.84	7.50	2.40	School	5.48	6.24	6.89	7.20	7.50	7.80	8.11	8.76	9.52	
85	200.54	5.00	7.17	Student	-1.04	1.24	3.18	4.09	5.00	5.90	6.81	8.76	11.03	
	193.99	7.38	2.40	School	5.35	6.12	6.77	7.08	7.38	7.68	7.99	8.64	9.40	
90	203.54	4.28	7.17	Student	-1.76	0.52	2.46	3.37	4.28	5.18	6.09	8.04	10.31	
	195.45	7.22	2.40	School	5.20	5.96	6.61	6.92	7.22	7.52	7.83	8.48	9.24	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.13: Science Grade 3
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth			Conditional Growth									
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	172.14	10.98	7.28	Student	4.85	7.16	9.14	10.07	10.98	11.90	12.83	14.80	17.11
	180.23	8.30	1.91	School	6.69	7.29	7.81	8.06	8.30	8.54	8.78	9.30	9.91
15	175.14	10.34	7.28	Student	4.21	6.52	8.49	9.42	10.34	11.25	12.18	14.16	16.47
	181.69	8.17	1.91	School	6.56	7.17	7.68	7.93	8.17	8.41	8.65	9.17	9.78
20	177.53	9.83	7.28	Student	3.70	6.01	7.98	8.91	9.83	10.74	11.67	13.65	15.96
	182.84	8.07	1.91	School	6.46	7.06	7.58	7.83	8.07	8.31	8.55	9.07	9.68
25	179.57	9.39	7.28	Student	3.26	5.57	7.55	8.48	9.39	10.31	11.24	13.21	15.52
	183.83	7.98	1.91	School	6.37	6.98	7.49	7.74	7.98	8.22	8.46	8.98	9.59
30	181.41	9.00	7.28	Student	2.87	5.18	7.15	8.08	9.00	9.91	10.84	12.82	15.13
	184.73	7.90	1.91	School	6.29	6.90	7.42	7.66	7.90	8.14	8.38	8.90	9.51
35	183.12	8.63	7.28	Student	2.50	4.81	6.79	7.72	8.63	9.55	10.48	12.45	14.77
	185.55	7.83	1.91	School	6.22	6.83	7.34	7.59	7.83	8.07	8.31	8.83	9.44
40	184.74	8.29	7.28	Student	2.16	4.47	6.44	7.37	8.29	9.20	10.13	12.11	14.42
	186.34	7.76	1.91	School	6.15	6.76	7.27	7.52	7.76	8.00	8.24	8.76	9.37
45	186.30	7.96	7.28	Student	1.82	4.14	6.11	7.04	7.96	8.87	9.80	11.78	14.09
	187.09	7.69	1.91	School	6.08	6.69	7.21	7.45	7.69	7.93	8.18	8.69	9.30
50	187.84	7.63	7.28	Student	1.50	3.81	5.78	6.71	7.63	8.54	9.47	11.45	13.76
	187.84	7.63	1.91	School	6.02	6.62	7.14	7.39	7.63	7.87	8.11	8.63	9.24
55	189.38	7.30	7.28	Student	1.17	3.48	5.45	6.38	7.30	8.21	9.14	11.12	13.43
	188.59	7.56	1.91	School	5.95	6.56	7.08	7.32	7.56	7.80	8.04	8.56	9.17
60	190.94	6.96	7.28	Student	0.83	3.14	5.12	6.05	6.96	7.88	8.81	10.78	13.09
	189.34	7.49	1.91	School	5.89	6.49	7.01	7.25	7.49	7.73	7.98	8.50	9.10
65	192.56	6.62	7.28	Student	0.49	2.80	4.77	5.70	6.62	7.53	8.46	10.44	12.75
	190.13	7.42	1.91	School	5.82	6.42	6.94	7.18	7.42	7.66	7.91	8.43	9.03
70	194.27	6.25	7.28	Student	0.12	2.43	4.41	5.34	6.25	7.17	8.10	10.07	12.38
	190.95	7.35	1.91	School	5.74	6.35	6.87	7.11	7.35	7.59	7.84	8.35	8.96
75	196.11	5.86	7.28	Student	-0.27	2.04	4.02	4.95	5.86	6.78	7.71	9.68	11.99
	191.85	7.27	1.91	School	5.66	6.27	6.79	7.03	7.27	7.51	7.76	8.28	8.88
80	198.15	5.42	7.28	Student	-0.71	1.60	3.58	4.51	5.42	6.34	7.27	9.24	11.55
	192.84	7.19	1.91	School	5.58	6.18	6.70	6.95	7.19	7.43	7.67	8.19	8.79
85	200.54	4.91	7.28	Student	-1.22	1.09	3.07	4.00	4.91	5.83	6.76	8.73	11.04
	193.99	7.08	1.91	School	5.48	6.08	6.60	6.84	7.08	7.32	7.57	8.09	8.69
90	203.54	4.27	7.28	Student	-1.86	0.45	2.43	3.36	4.27	5.19	6.12	8.09	10.40
	195.45	6.96	1.91	School	5.35	5.95	6.47	6.72	6.96	7.20	7.44	7.96	8.56

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.14: Science Grade 3
Winter To Spring Conditional Growth Percentile

Start Status %ile	Growth		Conditional Growth										
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	178.38	4.27	5.63	Student	-0.46	1.32	2.85	3.57	4.27	4.98	5.70	7.22	9.01
	185.93	2.62	1.07	School	1.72	2.06	2.35	2.48	2.62	2.75	2.89	3.18	3.52
15	181.23	3.95	5.63	Student	-0.78	1.00	2.53	3.25	3.95	4.66	5.38	6.90	8.69
	187.34	2.61	1.07	School	1.72	2.05	2.34	2.48	2.61	2.75	2.88	3.17	3.51
20	183.50	3.70	5.63	Student	-1.04	0.75	2.27	2.99	3.70	4.40	5.12	6.65	8.43
	188.46	2.61	1.07	School	1.71	2.05	2.34	2.48	2.61	2.74	2.88	3.17	3.51
25	185.44	3.48	5.63	Student	-1.26	0.53	2.05	2.77	3.48	4.19	4.90	6.43	8.21
	189.42	2.61	1.07	School	1.71	2.05	2.34	2.47	2.61	2.74	2.88	3.17	3.50
30	187.19	3.28	5.63	Student	-1.45	0.33	1.86	2.57	3.28	3.99	4.71	6.23	8.02
	190.28	2.60	1.07	School	1.71	2.04	2.33	2.47	2.60	2.74	2.87	3.16	3.50
35	188.80	3.10	5.63	Student	-1.64	0.15	1.67	2.39	3.10	3.81	4.52	6.05	7.83
	191.07	2.60	1.07	School	1.70	2.04	2.33	2.47	2.60	2.74	2.87	3.16	3.50
40	190.34	2.93	5.63	Student	-1.81	-0.02	1.50	2.22	2.93	3.63	4.35	5.88	7.66
	191.83	2.60	1.07	School	1.70	2.04	2.33	2.46	2.60	2.73	2.87	3.16	3.50
45	191.82	2.76	5.63	Student	-1.98	-0.19	1.33	2.05	2.76	3.47	4.18	5.71	7.49
	192.56	2.60	1.07	School	1.70	2.04	2.33	2.46	2.60	2.73	2.87	3.16	3.49
50	193.29	2.59	5.63	Student	-2.14	-0.36	1.17	1.89	2.59	3.30	4.02	5.54	7.33
	193.29	2.59	1.07	School	1.70	2.03	2.32	2.46	2.59	2.73	2.86	3.15	3.49
55	194.75	2.43	5.63	Student	-2.31	-0.52	1.00	1.72	2.43	3.14	3.85	5.38	7.16
	194.01	2.59	1.07	School	1.69	2.03	2.32	2.46	2.59	2.73	2.86	3.15	3.49
60	196.23	2.26	5.63	Student	-2.47	-0.69	0.84	1.55	2.26	2.97	3.69	5.21	7.00
	194.74	2.59	1.07	School	1.69	2.03	2.32	2.45	2.59	2.72	2.86	3.15	3.49
65	197.77	2.09	5.63	Student	-2.65	-0.86	0.66	1.38	2.09	2.80	3.51	5.04	6.82
	195.50	2.59	1.07	School	1.69	2.03	2.32	2.45	2.59	2.72	2.86	3.15	3.48
70	199.39	1.91	5.63	Student	-2.83	-1.04	0.48	1.20	1.91	2.61	3.33	4.86	6.64
	196.30	2.58	1.07	School	1.69	2.02	2.31	2.45	2.58	2.72	2.85	3.14	3.48
75	201.13	1.71	5.63	Student	-3.03	-1.24	0.28	1.00	1.71	2.42	3.13	4.66	6.44
	197.16	2.58	1.07	School	1.68	2.02	2.31	2.45	2.58	2.71	2.85	3.14	3.48
80	203.08	1.49	5.63	Student	-3.25	-1.46	0.06	0.78	1.49	2.20	2.92	4.44	6.23
	198.12	2.58	1.07	School	1.68	2.02	2.31	2.44	2.58	2.71	2.85	3.14	3.47
85	205.34	1.23	5.63	Student	-3.50	-1.72	-0.19	0.53	1.23	1.94	2.66	4.19	5.97
	199.23	2.57	1.07	School	1.68	2.01	2.30	2.44	2.57	2.71	2.84	3.13	3.47
90	208.20	0.91	5.63	Student	-3.82	-2.04	-0.51	0.21	0.91	1.62	2.34	3.86	5.65
	200.64	2.57	1.07	School	1.67	2.01	2.30	2.43	2.57	2.70	2.84	3.13	3.47

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.15: Science Grade 4
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	177.09	9.50 6.03	Student	4.43	6.34	7.97	8.74	9.50	10.26	11.03	12.66	14.58	
	184.72	7.52 1.66	School	6.13	6.65	7.10	7.31	7.52	7.73	7.94	8.39	8.92	
15	179.94	9.05 6.03	Student	3.98	5.89	7.52	8.29	9.05	9.81	10.58	12.21	14.13	
	186.11	7.45 1.66	School	6.06	6.58	7.03	7.24	7.45	7.66	7.87	8.32	8.84	
20	182.21	8.69 6.03	Student	3.62	5.53	7.16	7.93	8.69	9.45	10.22	11.85	13.77	
	187.22	7.39 1.66	School	6.00	6.52	6.97	7.18	7.39	7.60	7.81	8.26	8.79	
25	184.16	8.38 6.03	Student	3.31	5.22	6.86	7.63	8.38	9.14	9.91	11.55	13.46	
	188.17	7.34 1.66	School	5.95	6.47	6.92	7.13	7.34	7.55	7.76	8.21	8.74	
30	185.90	8.11 6.03	Student	3.03	4.95	6.58	7.35	8.11	8.87	9.64	11.27	13.18	
	189.02	7.30 1.66	School	5.90	6.43	6.88	7.09	7.30	7.51	7.72	8.17	8.69	
35	187.52	7.85 6.03	Student	2.78	4.69	6.32	7.09	7.85	8.61	9.38	11.01	12.93	
	189.81	7.26 1.66	School	5.86	6.39	6.84	7.05	7.26	7.46	7.68	8.12	8.65	
40	189.06	7.61 6.03	Student	2.53	4.45	6.08	6.85	7.61	8.37	9.14	10.77	12.68	
	190.56	7.22 1.66	School	5.82	6.35	6.80	7.01	7.22	7.43	7.64	8.09	8.61	
45	190.54	7.37 6.03	Student	2.30	4.21	5.85	6.62	7.37	8.13	8.90	10.54	12.45	
	191.29	7.18 1.66	School	5.79	6.31	6.76	6.97	7.18	7.39	7.60	8.05	8.57	
50	192.00	7.14 6.03	Student	2.07	3.98	5.61	6.38	7.14	7.90	8.67	10.30	12.22	
	192.00	7.14 1.66	School	5.75	6.27	6.72	6.93	7.14	7.35	7.56	8.01	8.54	
55	193.47	6.91 6.03	Student	1.84	3.75	5.38	6.15	6.91	7.67	8.44	10.07	11.99	
	192.72	7.11 1.66	School	5.71	6.24	6.69	6.90	7.11	7.31	7.52	7.97	8.50	
60	194.95	6.68 6.03	Student	1.60	3.51	5.15	5.92	6.68	7.43	8.20	9.84	11.75	
	193.44	7.07 1.66	School	5.67	6.20	6.65	6.86	7.07	7.28	7.49	7.94	8.46	
65	196.49	6.43 6.03	Student	1.36	3.27	4.91	5.68	6.43	7.19	7.96	9.60	11.51	
	194.19	7.03 1.66	School	5.63	6.16	6.61	6.82	7.03	7.24	7.45	7.90	8.42	
70	198.11	6.18 6.03	Student	1.10	3.01	4.65	5.42	6.18	6.93	7.70	9.34	11.25	
	194.98	6.99 1.66	School	5.59	6.12	6.57	6.78	6.99	7.20	7.41	7.86	8.38	
75	199.85	5.90 6.03	Student	0.83	2.74	4.37	5.14	5.90	6.66	7.43	9.06	10.98	
	195.84	6.94 1.66	School	5.55	6.07	6.52	6.73	6.94	7.15	7.36	7.81	8.34	
80	201.80	5.59 6.03	Student	0.52	2.43	4.06	4.83	5.59	6.35	7.12	8.75	10.67	
	196.79	6.89 1.66	School	5.50	6.03	6.47	6.69	6.89	7.10	7.31	7.76	8.29	
85	204.06	5.23 6.03	Student	0.16	2.07	3.71	4.48	5.23	5.99	6.76	8.40	10.31	
	197.90	6.84 1.66	School	5.44	5.97	6.42	6.63	6.84	7.04	7.26	7.70	8.23	
90	206.92	4.78 6.03	Student	-0.29	1.62	3.25	4.02	4.78	5.54	6.31	7.94	9.86	
	199.29	6.76 1.66	School	5.37	5.89	6.34	6.56	6.76	6.97	7.18	7.63	8.16	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.16: Science Grade 4
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status		Growth		CGP	Conditional Growth									
	RIT	Mean	SD	CGI		20	30	40	45	50	55	60	70	80	
10	178.66	4.62	7.60	Student	-1.77	0.64	2.70	3.67	4.62	5.58	6.55	8.61	11.02		
	186.47	2.11	3.06	School	-0.47	0.50	1.34	1.73	2.11	2.50	2.89	3.72	4.69		
15	181.63	3.83	7.60	Student	-2.57	-0.16	1.90	2.87	3.83	4.78	5.75	7.81	10.22		
	187.95	1.80	3.06	School	-0.78	0.19	1.02	1.41	1.80	2.18	2.57	3.40	4.37		
20	183.99	3.19	7.60	Student	-3.20	-0.79	1.27	2.24	3.19	4.15	5.12	7.18	9.59		
	189.12	1.54	3.06	School	-1.03	-0.06	0.77	1.16	1.54	1.93	2.32	3.15	4.12		
25	186.02	2.65	7.60	Student	-3.74	-1.33	0.73	1.70	2.65	3.61	4.58	6.64	9.05		
	190.13	1.33	3.06	School	-1.25	-0.28	0.55	0.94	1.33	1.71	2.11	2.94	3.91		
30	187.83	2.16	7.60	Student	-4.23	-1.82	0.24	1.21	2.16	3.12	4.09	6.15	8.56		
	191.03	1.14	3.06	School	-1.44	-0.47	0.36	0.75	1.14	1.52	1.91	2.74	3.71		
35	189.52	1.71	7.60	Student	-4.68	-2.27	-0.21	0.76	1.71	2.67	3.64	5.70	8.11		
	191.87	0.96	3.06	School	-1.62	-0.65	0.18	0.57	0.96	1.34	1.73	2.56	3.54		
40	191.12	1.28	7.60	Student	-5.11	-2.70	-0.64	0.33	1.28	2.24	3.21	5.27	7.68		
	192.66	0.79	3.06	School	-1.79	-0.82	0.01	0.40	0.79	1.17	1.56	2.39	3.37		
45	192.67	0.87	7.60	Student	-5.52	-3.11	-1.06	-0.09	0.87	1.82	2.79	4.85	7.26		
	193.43	0.62	3.06	School	-1.96	-0.98	-0.15	0.24	0.62	1.01	1.40	2.23	3.20		
50	194.19	0.46	7.60	Student	-5.93	-3.52	-1.46	-0.49	0.46	1.42	2.39	4.44	6.85		
	194.19	0.46	3.06	School	-2.12	-1.15	-0.32	0.08	0.46	0.85	1.24	2.07	3.04		
55	195.71	0.05	7.60	Student	-6.34	-3.93	-1.87	-0.90	0.05	1.01	1.98	4.04	6.45		
	194.95	0.30	3.06	School	-2.28	-1.31	-0.48	-0.09	0.30	0.68	1.08	1.91	2.88		
60	197.26	-0.36	7.60	Student	-6.76	-4.35	-2.29	-1.32	-0.36	0.59	1.56	3.62	6.03		
	195.71	0.13	3.06	School	-2.44	-1.47	-0.64	-0.25	0.13	0.52	0.91	1.74	2.71		
65	198.86	-0.79	7.60	Student	-7.18	-4.77	-2.72	-1.75	-0.79	0.16	1.13	3.19	5.60		
	196.51	-0.04	3.06	School	-2.61	-1.64	-0.81	-0.42	-0.04	0.35	0.74	1.57	2.54		
70	200.54	-1.24	7.60	Student	-7.64	-5.23	-3.17	-2.20	-1.24	-0.29	0.68	2.74	5.15		
	197.35	-0.21	3.06	School	-2.79	-1.82	-0.99	-0.60	-0.21	0.17	0.56	1.39	2.36		
75	202.36	-1.73	7.60	Student	-8.12	-5.71	-3.65	-2.68	-1.73	-0.78	0.19	2.25	4.66		
	198.25	-0.41	3.06	School	-2.99	-2.01	-1.18	-0.79	-0.41	-0.02	0.37	1.20	2.17		
80	204.39	-2.27	7.60	Student	-8.67	-6.26	-4.20	-3.23	-2.27	-1.32	-0.35	1.71	4.12		
	199.26	-0.62	3.06	School	-3.20	-2.23	-1.40	-1.01	-0.62	-0.24	0.15	0.98	1.96		
85	206.75	-2.91	7.60	Student	-9.30	-6.89	-4.83	-3.86	-2.91	-1.95	-0.98	1.08	3.49		
	200.43	-0.87	3.06	School	-3.45	-2.48	-1.65	-1.26	-0.87	-0.49	-0.10	0.73	1.70		
90	209.72	-3.70	7.60	Student	-10.1	-7.69	-5.63	-4.66	-3.70	-2.75	-1.78	0.28	2.69		
	201.91	-1.19	3.06	School	-3.77	-2.80	-1.97	-1.57	-1.19	-0.80	-0.41	0.42	1.39		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.17: Science Grade 4
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	178.66	10.03	6.51	Student	4.55	6.61	8.38	9.21	10.03	10.84	11.68	13.44	15.51		
	186.47	7.90	2.24	School	6.02	6.73	7.34	7.62	7.90	8.19	8.47	9.08	9.79		
15	181.63	9.45	6.51	Student	3.97	6.04	7.80	8.63	9.45	10.27	11.10	12.87	14.93		
	187.95	7.74	2.24	School	5.85	6.56	7.17	7.46	7.74	8.02	8.30	8.91	9.62		
20	183.99	9.00	6.51	Student	3.52	5.58	7.35	8.18	9.00	9.82	10.65	12.41	14.48		
	189.12	7.60	2.24	School	5.72	6.43	7.04	7.32	7.60	7.89	8.17	8.78	9.49		
25	186.02	8.61	6.51	Student	3.13	5.19	6.96	7.79	8.61	9.43	10.26	12.02	14.09		
	190.13	7.49	2.24	School	5.61	6.32	6.92	7.21	7.49	7.77	8.06	8.67	9.38		
30	187.83	8.26	6.51	Student	2.78	4.84	6.61	7.44	8.26	9.07	9.91	11.67	13.74		
	191.03	7.39	2.24	School	5.50	6.21	6.82	7.11	7.39	7.67	7.96	8.56	9.27		
35	189.52	7.93	6.51	Student	2.45	4.52	6.28	7.11	7.93	8.75	9.58	11.35	13.41		
	191.87	7.29	2.24	School	5.41	6.12	6.73	7.01	7.29	7.58	7.86	8.47	9.18		
40	191.12	7.62	6.51	Student	2.14	4.21	5.97	6.81	7.62	8.44	9.27	11.04	13.10		
	192.66	7.20	2.24	School	5.32	6.03	6.64	6.92	7.20	7.49	7.77	8.38	9.09		
45	192.67	7.33	6.51	Student	1.85	3.91	5.68	6.51	7.33	8.14	8.97	10.74	12.81		
	193.43	7.12	2.24	School	5.23	5.94	6.55	6.84	7.12	7.40	7.68	8.29	9.00		
50	194.19	7.03	6.51	Student	1.55	3.62	5.38	6.21	7.03	7.85	8.68	10.45	12.51		
	194.19	7.03	2.24	School	5.15	5.86	6.46	6.75	7.03	7.31	7.60	8.21	8.92		
55	195.71	6.74	6.51	Student	1.26	3.32	5.09	5.92	6.74	7.56	8.39	10.15	12.22		
	194.95	6.95	2.24	School	5.06	5.77	6.38	6.66	6.95	7.23	7.51	8.12	8.83		
60	197.26	6.44	6.51	Student	0.96	3.03	4.79	5.62	6.44	7.26	8.09	9.85	11.92		
	195.71	6.86	2.24	School	4.97	5.68	6.29	6.58	6.86	7.14	7.43	8.03	8.74		
65	198.86	6.13	6.51	Student	0.65	2.72	4.48	5.31	6.13	6.95	7.78	9.55	11.61		
	196.51	6.77	2.24	School	4.88	5.59	6.20	6.49	6.77	7.05	7.34	7.94	8.65		
70	200.54	5.81	6.51	Student	0.33	2.39	4.16	4.99	5.81	6.62	7.46	9.22	11.29		
	197.35	6.67	2.24	School	4.79	5.50	6.11	6.39	6.67	6.96	7.24	7.85	8.56		
75	202.36	5.46	6.51	Student	-0.02	2.04	3.81	4.64	5.46	6.27	7.11	8.87	10.94		
	198.25	6.57	2.24	School	4.69	5.40	6.01	6.29	6.57	6.85	7.14	7.75	8.46		
80	204.39	5.07	6.51	Student	-0.41	1.65	3.42	4.25	5.07	5.88	6.71	8.48	10.55		
	199.26	6.46	2.24	School	4.57	5.28	5.89	6.18	6.46	6.74	7.03	7.63	8.34		
85	206.75	4.61	6.51	Student	-0.87	1.20	2.96	3.79	4.61	5.43	6.26	8.02	10.09		
	200.43	6.33	2.24	School	4.44	5.15	5.76	6.04	6.33	6.61	6.89	7.50	8.21		
90	209.72	4.04	6.51	Student	-1.44	0.62	2.39	3.22	4.04	4.86	5.69	7.45	9.52		
	201.91	6.16	2.24	School	4.27	4.98	5.59	5.88	6.16	6.44	6.73	7.33	8.04		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.18: Science Grade 4
Fall To Winter Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	179.68	6.59	5.61	Student	1.87	3.65	5.17	5.89	6.59	7.30	8.01	9.53	11.31	
	187.42	4.66	1.16	School	3.68	4.05	4.36	4.51	4.66	4.80	4.95	5.27	5.63	
15	182.55	6.19	5.61	Student	1.47	3.25	4.77	5.49	6.19	6.90	7.61	9.13	10.91	
	188.80	4.63	1.16	School	3.65	4.02	4.33	4.48	4.63	4.77	4.92	5.24	5.60	
20	184.82	5.87	5.61	Student	1.15	2.93	4.45	5.17	5.87	6.58	7.29	8.81	10.59	
	189.90	4.60	1.16	School	3.62	3.99	4.31	4.46	4.60	4.75	4.90	5.21	5.58	
25	186.77	5.60	5.61	Student	0.88	2.66	4.18	4.90	5.60	6.30	7.02	8.54	10.32	
	190.84	4.58	1.16	School	3.60	3.97	4.29	4.43	4.58	4.73	4.88	5.19	5.56	
30	188.53	5.35	5.61	Student	0.64	2.41	3.93	4.65	5.35	6.06	6.77	8.29	10.07	
	191.69	4.56	1.16	School	3.58	3.95	4.27	4.42	4.56	4.71	4.86	5.17	5.54	
35	190.15	5.13	5.61	Student	0.41	2.19	3.71	4.42	5.13	5.83	6.55	8.07	9.85	
	192.48	4.54	1.16	School	3.57	3.93	4.25	4.40	4.54	4.69	4.84	5.15	5.52	
40	191.69	4.91	5.61	Student	0.19	1.97	3.49	4.21	4.91	5.62	6.33	7.85	9.63	
	193.22	4.53	1.16	School	3.55	3.92	4.23	4.38	4.53	4.67	4.82	5.14	5.51	
45	193.18	4.70	5.61	Student	-0.02	1.76	3.28	4.00	4.70	5.41	6.12	7.64	9.42	
	193.94	4.51	1.16	School	3.53	3.90	4.22	4.37	4.51	4.66	4.81	5.12	5.49	
50	194.65	4.50	5.61	Student	-0.22	1.56	3.08	3.79	4.50	5.20	5.92	7.44	9.22	
	194.65	4.50	1.16	School	3.52	3.89	4.20	4.35	4.50	4.64	4.79	5.11	5.48	
55	196.12	4.29	5.61	Student	-0.43	1.35	2.87	3.59	4.29	5.00	5.71	7.23	9.01	
	195.36	4.48	1.16	School	3.50	3.87	4.19	4.34	4.48	4.63	4.78	5.09	5.46	
60	197.61	4.08	5.61	Student	-0.64	1.14	2.66	3.38	4.08	4.79	5.50	7.02	8.80	
	196.08	4.47	1.16	School	3.49	3.86	4.17	4.32	4.47	4.61	4.76	5.08	5.44	
65	199.15	3.87	5.61	Student	-0.85	0.93	2.45	3.16	3.87	4.57	5.29	6.81	8.59	
	196.82	4.45	1.16	School	3.47	3.84	4.15	4.30	4.45	4.60	4.74	5.06	5.43	
70	200.77	3.64	5.61	Student	-1.08	0.70	2.22	2.94	3.64	4.34	5.06	6.58	8.36	
	197.61	4.43	1.16	School	3.45	3.82	4.14	4.29	4.43	4.58	4.73	5.04	5.41	
75	202.52	3.40	5.61	Student	-1.32	0.46	1.97	2.69	3.40	4.10	4.82	6.33	8.11	
	198.45	4.41	1.16	School	3.43	3.80	4.12	4.27	4.41	4.56	4.71	5.02	5.39	
80	204.48	3.12	5.61	Student	-1.60	0.18	1.70	2.42	3.12	3.83	4.54	6.06	7.84	
	199.40	4.39	1.16	School	3.41	3.78	4.10	4.25	4.39	4.54	4.69	5.00	5.37	
85	206.75	2.80	5.61	Student	-1.91	-0.14	1.38	2.10	2.80	3.51	4.22	5.74	7.52	
	200.49	4.37	1.16	School	3.39	3.76	4.07	4.22	4.37	4.52	4.66	4.98	5.35	
90	209.61	2.40	5.61	Student	-2.32	-0.54	0.98	1.70	2.40	3.11	3.82	5.34	7.12	
	201.88	4.34	1.16	School	3.36	3.73	4.04	4.19	4.34	4.48	4.63	4.95	5.32	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.19: Science Grade 4
Fall To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	179.68	9.11	6.64	Student	3.52	5.63	7.43	8.27	9.11	9.94	10.79	12.59	14.69	
	187.42	6.85	2.03	School	5.14	5.78	6.33	6.59	6.85	7.10	7.36	7.91	8.56	
15	182.55	8.62	6.64	Student	3.04	5.14	6.94	7.79	8.62	9.46	10.30	12.10	14.21	
	188.80	6.79	2.03	School	5.08	5.73	6.28	6.54	6.79	7.05	7.31	7.86	8.51	
20	184.82	8.24	6.64	Student	2.65	4.76	6.56	7.40	8.24	9.07	9.92	11.72	13.82	
	189.90	6.75	2.03	School	5.04	5.69	6.24	6.50	6.75	7.01	7.27	7.82	8.47	
25	186.77	7.91	6.64	Student	2.32	4.43	6.23	7.07	7.91	8.74	9.59	11.39	13.49	
	190.84	6.72	2.03	School	5.00	5.65	6.20	6.46	6.72	6.97	7.23	7.78	8.43	
30	188.53	7.61	6.64	Student	2.02	4.13	5.93	6.78	7.61	8.44	9.29	11.09	13.19	
	191.69	6.68	2.03	School	4.97	5.62	6.17	6.43	6.68	6.94	7.20	7.75	8.40	
35	190.15	7.33	6.64	Student	1.75	3.85	5.65	6.50	7.33	8.17	9.02	10.81	12.92	
	192.48	6.65	2.03	School	4.94	5.59	6.14	6.40	6.65	6.91	7.17	7.72	8.37	
40	191.69	7.07	6.64	Student	1.49	3.59	5.39	6.24	7.07	7.91	8.75	10.55	12.66	
	193.22	6.63	2.03	School	4.91	5.56	6.11	6.37	6.63	6.88	7.14	7.69	8.34	
45	193.18	6.82	6.64	Student	1.23	3.34	5.14	5.99	6.82	7.65	8.50	10.30	12.40	
	193.94	6.60	2.03	School	4.89	5.53	6.08	6.34	6.60	6.85	7.11	7.66	8.31	
50	194.65	6.57	6.64	Student	0.99	3.09	4.89	5.74	6.57	7.40	8.25	10.05	12.16	
	194.65	6.57	2.03	School	4.86	5.50	6.06	6.32	6.57	6.83	7.09	7.64	8.28	
55	196.12	6.32	6.64	Student	0.74	2.84	4.64	5.49	6.32	7.16	8.00	9.80	11.91	
	195.36	6.54	2.03	School	4.83	5.48	6.03	6.29	6.54	6.80	7.06	7.61	8.26	
60	197.61	6.07	6.64	Student	0.48	2.59	4.39	5.24	6.07	6.90	7.75	9.55	11.65	
	196.08	6.52	2.03	School	4.80	5.45	6.00	6.26	6.52	6.77	7.03	7.58	8.23	
65	199.15	5.81	6.64	Student	0.22	2.33	4.13	4.97	5.81	6.64	7.49	9.29	11.39	
	196.82	6.49	2.03	School	4.78	5.42	5.97	6.23	6.49	6.74	7.00	7.55	8.20	
70	200.77	5.53	6.64	Student	-0.05	2.05	3.85	4.70	5.53	6.37	7.21	9.01	11.12	
	197.61	6.46	2.03	School	4.75	5.39	5.94	6.20	6.46	6.71	6.97	7.52	8.17	
75	202.52	5.24	6.64	Student	-0.35	1.76	3.55	4.40	5.24	6.07	6.92	8.71	10.82	
	198.45	6.42	2.03	School	4.71	5.36	5.91	6.17	6.42	6.68	6.94	7.49	8.14	
80	204.48	4.90	6.64	Student	-0.68	1.42	3.22	4.07	4.90	5.74	6.59	8.38	10.49	
	199.40	6.39	2.03	School	4.68	5.32	5.87	6.13	6.39	6.64	6.90	7.46	8.10	
85	206.75	4.52	6.64	Student	-1.07	1.04	2.84	3.68	4.52	5.35	6.20	8.00	10.10	
	200.49	6.35	2.03	School	4.63	5.28	5.83	6.09	6.35	6.60	6.86	7.41	8.06	
90	209.61	4.03	6.64	Student	-1.55	0.55	2.35	3.20	4.03	4.87	5.71	7.51	9.62	
	201.88	6.29	2.03	School	4.58	5.23	5.78	6.04	6.29	6.55	6.81	7.36	8.01	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.20: Science Grade 4
Fall To N Fall Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	179.68	7.84	6.57	Student	2.31	4.39	6.18	7.01	7.84	8.67	9.50	11.29	13.37	
	187.42	6.45	1.68	School	5.04	5.57	6.03	6.24	6.45	6.66	6.88	7.34	7.87	
15	182.55	7.56	6.57	Student	2.03	4.11	5.89	6.73	7.56	8.38	9.22	11.00	13.09	
	188.80	6.43	1.68	School	5.02	5.55	6.01	6.22	6.43	6.65	6.86	7.32	7.85	
20	184.82	7.33	6.57	Student	1.80	3.89	5.67	6.51	7.33	8.16	9.00	10.78	12.86	
	189.90	6.42	1.68	School	5.00	5.54	5.99	6.21	6.42	6.63	6.85	7.30	7.84	
25	186.77	7.14	6.57	Student	1.61	3.69	5.47	6.31	7.14	7.96	8.80	10.58	12.67	
	190.84	6.41	1.68	School	4.99	5.52	5.98	6.20	6.41	6.62	6.83	7.29	7.82	
30	188.53	6.96	6.57	Student	1.43	3.52	5.30	6.14	6.96	7.79	8.63	10.41	12.49	
	191.69	6.40	1.68	School	4.98	5.51	5.97	6.18	6.40	6.61	6.82	7.28	7.81	
35	190.15	6.80	6.57	Student	1.27	3.36	5.14	5.98	6.80	7.63	8.47	10.25	12.33	
	192.48	6.39	1.68	School	4.97	5.50	5.96	6.17	6.39	6.60	6.81	7.27	7.80	
40	191.69	6.65	6.57	Student	1.12	3.21	4.99	5.83	6.65	7.48	8.32	10.10	12.18	
	193.22	6.38	1.68	School	4.96	5.49	5.95	6.16	6.38	6.59	6.80	7.26	7.79	
45	193.18	6.50	6.57	Student	0.97	3.06	4.84	5.68	6.50	7.33	8.17	9.95	12.03	
	193.94	6.37	1.68	School	4.95	5.48	5.94	6.16	6.37	6.58	6.79	7.25	7.78	
50	194.65	6.36	6.57	Student	0.83	2.91	4.69	5.53	6.36	7.18	8.02	9.80	11.89	
	194.65	6.36	1.68	School	4.94	5.47	5.93	6.15	6.36	6.57	6.78	7.24	7.77	
55	196.12	6.21	6.57	Student	0.68	2.77	4.55	5.39	6.21	7.04	7.88	9.66	11.74	
	195.36	6.35	1.68	School	4.93	5.47	5.92	6.14	6.35	6.56	6.77	7.23	7.77	
60	197.61	6.06	6.57	Student	0.53	2.62	4.40	5.24	6.06	6.89	7.73	9.51	11.59	
	196.08	6.34	1.68	School	4.92	5.46	5.91	6.13	6.34	6.55	6.77	7.22	7.76	
65	199.15	5.91	6.57	Student	0.38	2.47	4.25	5.09	5.91	6.74	7.58	9.36	11.44	
	196.82	6.33	1.68	School	4.91	5.45	5.90	6.12	6.33	6.54	6.76	7.21	7.75	
70	200.77	5.75	6.57	Student	0.22	2.31	4.09	4.93	5.75	6.58	7.42	9.20	11.28	
	197.61	6.32	1.68	School	4.90	5.44	5.89	6.11	6.32	6.53	6.75	7.20	7.74	
75	202.52	5.58	6.57	Student	0.05	2.13	3.91	4.75	5.58	6.40	7.24	9.02	11.11	
	198.45	6.31	1.68	School	4.89	5.42	5.88	6.10	6.31	6.52	6.73	7.19	7.72	
80	204.48	5.38	6.57	Student	-0.15	1.94	3.72	4.56	5.38	6.21	7.05	8.83	10.91	
	199.40	6.30	1.68	School	4.88	5.41	5.87	6.08	6.30	6.51	6.72	7.18	7.71	
85	206.75	5.16	6.57	Student	-0.37	1.71	3.49	4.33	5.16	5.98	6.82	8.60	10.69	
	200.49	6.28	1.68	School	4.86	5.40	5.85	6.07	6.28	6.49	6.71	7.16	7.70	
90	209.61	4.88	6.57	Student	-0.65	1.43	3.21	4.05	4.88	5.70	6.54	8.32	10.40	
	201.88	6.26	1.68	School	4.85	5.38	5.84	6.05	6.26	6.47	6.69	7.15	7.68	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.21: Science Grade 4
Winter To Spring Conditional Growth Percentile

Start %ile	Status		Growth		Conditional Growth									
	RIT	Mean	SD	CGP	20	30	40	45	50	55	60	70	80	
10	184.41	3.49	5.47	Student	-1.12	0.62	2.10	2.80	3.49	4.18	4.87	6.36	8.09	
	191.92	1.96	0.87	School	1.22	1.50	1.74	1.85	1.96	2.07	2.18	2.42	2.69	
15	187.23	3.22	5.47	Student	-1.39	0.35	1.83	2.53	3.22	3.91	4.60	6.09	7.82	
	193.30	1.98	0.87	School	1.25	1.52	1.76	1.87	1.98	2.09	2.20	2.44	2.72	
20	189.47	3.00	5.47	Student	-1.60	0.13	1.62	2.31	3.00	3.69	4.39	5.87	7.61	
	194.40	2.00	0.87	School	1.26	1.54	1.78	1.89	2.00	2.11	2.22	2.46	2.73	
25	191.39	2.82	5.47	Student	-1.79	-0.05	1.43	2.13	2.82	3.51	4.20	5.69	7.42	
	195.34	2.01	0.87	School	1.28	1.56	1.79	1.90	2.01	2.12	2.23	2.47	2.75	
30	193.11	2.65	5.47	Student	-1.95	-0.22	1.27	1.96	2.65	3.34	4.04	5.52	7.26	
	196.19	2.03	0.87	School	1.29	1.57	1.81	1.92	2.03	2.14	2.25	2.48	2.76	
35	194.71	2.50	5.47	Student	-2.11	-0.37	1.11	1.81	2.50	3.19	3.89	5.37	7.10	
	196.97	2.04	0.87	School	1.30	1.58	1.82	1.93	2.04	2.15	2.26	2.50	2.77	
40	196.23	2.35	5.47	Student	-2.25	-0.52	0.97	1.67	2.35	3.04	3.74	5.22	6.96	
	197.72	2.05	0.87	School	1.32	1.59	1.83	1.94	2.05	2.16	2.27	2.51	2.79	
45	197.70	2.21	5.47	Student	-2.39	-0.66	0.83	1.52	2.21	2.90	3.60	5.08	6.82	
	198.44	2.06	0.87	School	1.33	1.60	1.84	1.95	2.06	2.17	2.28	2.52	2.80	
50	199.15	2.07	5.47	Student	-2.53	-0.80	0.69	1.39	2.07	2.76	3.46	4.94	6.68	
	199.15	2.07	0.87	School	1.34	1.62	1.85	1.96	2.07	2.18	2.29	2.53	2.81	
55	200.59	1.93	5.47	Student	-2.67	-0.93	0.55	1.25	1.93	2.62	3.32	4.80	6.54	
	199.85	2.08	0.87	School	1.35	1.63	1.86	1.98	2.08	2.19	2.31	2.54	2.82	
60	202.06	1.79	5.47	Student	-2.81	-1.08	0.41	1.11	1.79	2.48	3.18	4.66	6.40	
	200.57	2.10	0.87	School	1.36	1.64	1.87	1.99	2.10	2.21	2.32	2.55	2.83	
65	203.58	1.65	5.47	Student	-2.96	-1.22	0.26	0.96	1.65	2.34	3.03	4.52	6.25	
	201.32	2.11	0.87	School	1.37	1.65	1.89	2.00	2.11	2.22	2.33	2.57	2.84	
70	205.18	1.49	5.47	Student	-3.11	-1.37	0.11	0.81	1.49	2.18	2.88	4.36	6.10	
	202.10	2.12	0.87	School	1.39	1.66	1.90	2.01	2.12	2.23	2.34	2.58	2.85	
75	206.90	1.33	5.47	Student	-3.28	-1.54	-0.06	0.64	1.33	2.02	2.72	4.20	5.93	
	202.95	2.13	0.87	School	1.40	1.68	1.91	2.02	2.13	2.24	2.35	2.59	2.87	
80	208.83	1.14	5.47	Student	-3.46	-1.72	-0.24	0.46	1.14	1.83	2.53	4.01	5.75	
	203.89	2.15	0.87	School	1.41	1.69	1.93	2.04	2.15	2.26	2.37	2.61	2.88	
85	211.07	0.93	5.47	Student	-3.68	-1.94	-0.46	0.24	0.93	1.62	2.32	3.80	5.53	
	204.99	2.17	0.87	School	1.43	1.71	1.94	2.06	2.17	2.28	2.39	2.62	2.90	
90	213.89	0.66	5.47	Student	-3.95	-2.21	-0.73	-0.03	0.66	1.35	2.05	3.53	5.26	
	206.37	2.19	0.87	School	1.45	1.73	1.97	2.08	2.19	2.30	2.41	2.65	2.92	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.22: Science Grade 5
Last Winter To Winter Conditional Growth Percentile

Start %ile	Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGI		20	30	40	45	50	55	60	70	80	
10	183.64	7.81	6.07	Student	2.71	4.63	6.27	7.05	7.81	8.57	9.35	10.99	12.92		
	191.35	5.81	1.66	School	4.42	4.95	5.39	5.61	5.81	6.02	6.23	6.68	7.21		
15	186.53	7.38	6.07	Student	2.27	4.20	5.84	6.62	7.38	8.14	8.91	10.56	12.48		
	192.77	5.76	1.66	School	4.37	4.89	5.34	5.55	5.76	5.97	6.18	6.63	7.16		
20	188.83	7.03	6.07	Student	1.93	3.85	5.50	6.27	7.03	7.80	8.57	10.21	12.14		
	193.89	5.72	1.66	School	4.33	4.85	5.30	5.51	5.72	5.93	6.14	6.59	7.12		
25	190.80	6.74	6.07	Student	1.63	3.56	5.20	5.97	6.74	7.50	8.27	9.92	11.84		
	194.86	5.69	1.66	School	4.29	4.82	5.27	5.48	5.69	5.89	6.11	6.55	7.08		
30	192.57	6.47	6.07	Student	1.37	3.29	4.93	5.71	6.47	7.23	8.01	9.65	11.58		
	195.73	5.65	1.66	School	4.26	4.79	5.23	5.45	5.65	5.86	6.07	6.52	7.05		
35	194.21	6.23	6.07	Student	1.12	3.04	4.69	5.46	6.23	6.99	7.76	9.41	11.33		
	196.53	5.63	1.66	School	4.23	4.76	5.21	5.42	5.63	5.83	6.04	6.49	7.02		
40	195.77	5.99	6.07	Student	0.89	2.81	4.46	5.23	5.99	6.75	7.53	9.17	11.10		
	197.29	5.60	1.66	School	4.20	4.73	5.18	5.39	5.60	5.81	6.02	6.47	6.99		
45	197.28	5.77	6.07	Student	0.66	2.59	4.23	5.00	5.77	6.53	7.30	8.95	10.87		
	198.03	5.57	1.66	School	4.18	4.70	5.15	5.36	5.57	5.78	5.99	6.44	6.96		
50	198.76	5.54	6.07	Student	0.44	2.36	4.01	4.78	5.54	6.31	7.08	8.72	10.65		
	198.76	5.54	1.66	School	4.15	4.68	5.12	5.34	5.54	5.75	5.96	6.41	6.94		
55	200.24	5.32	6.07	Student	0.22	2.14	3.78	4.56	5.32	6.08	6.86	8.50	10.43		
	199.48	5.52	1.66	School	4.12	4.65	5.10	5.31	5.52	5.73	5.94	6.39	6.91		
60	201.75	5.10	6.07	Student	-0.01	1.91	3.56	4.33	5.10	5.86	6.63	8.28	10.20		
	200.22	5.49	1.66	School	4.10	4.62	5.07	5.28	5.49	5.70	5.91	6.36	6.88		
65	203.30	4.86	6.07	Student	-0.24	1.68	3.33	4.10	4.86	5.62	6.40	8.04	9.97		
	200.98	5.46	1.66	School	4.07	4.59	5.04	5.25	5.46	5.67	5.88	6.33	6.86		
70	204.94	4.62	6.07	Student	-0.49	1.44	3.08	3.85	4.62	5.38	6.15	7.80	9.72		
	201.79	5.43	1.66	School	4.04	4.56	5.01	5.23	5.43	5.64	5.85	6.30	6.83		
75	206.71	4.35	6.07	Student	-0.75	1.17	2.81	3.59	4.35	5.11	5.89	7.53	9.46		
	202.66	5.40	1.66	School	4.01	4.53	4.98	5.19	5.40	5.61	5.82	6.27	6.80		
80	208.68	4.05	6.07	Student	-1.05	0.87	2.52	3.29	4.05	4.82	5.59	7.24	9.16		
	203.62	5.37	1.66	School	3.97	4.50	4.95	5.16	5.37	5.57	5.79	6.23	6.76		
85	210.98	3.71	6.07	Student	-1.40	0.53	2.17	2.95	3.71	4.47	5.25	6.89	8.82		
	204.75	5.33	1.66	School	3.93	4.46	4.91	5.12	5.33	5.53	5.74	6.19	6.72		
90	213.87	3.28	6.07	Student	-1.83	0.10	1.74	2.51	3.28	4.04	4.81	6.46	8.38		
	206.16	5.27	1.66	School	3.88	4.41	4.85	5.07	5.27	5.48	5.69	6.14	6.67		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.23: Science Grade 5
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		RIT	Mean SD		CGI	20	30	40	45	50	55	60	70	80
10	185.03	3.61	7.54	Student	-2.73	-0.34	1.70	2.67	3.61	4.56	5.52	7.57	9.96	
	193.13	0.54	2.60	School	-1.65	-0.83	-0.12	0.21	0.54	0.87	1.20	1.91	2.73	
15	188.07	2.78	7.54	Student	-3.56	-1.17	0.87	1.84	2.78	3.73	4.69	6.74	9.13	
	194.63	0.30	2.60	School	-1.89	-1.07	-0.36	-0.03	0.30	0.63	0.96	1.67	2.49	
20	190.49	2.13	7.54	Student	-4.22	-1.83	0.22	1.18	2.13	3.07	4.04	6.08	8.47	
	195.81	0.11	2.60	School	-2.08	-1.26	-0.55	-0.22	0.11	0.44	0.77	1.47	2.30	
25	192.57	1.56	7.54	Student	-4.78	-2.39	-0.35	0.61	1.56	2.51	3.47	5.52	7.91	
	196.83	-0.06	2.60	School	-2.25	-1.42	-0.71	-0.38	-0.06	0.27	0.60	1.31	2.14	
30	194.43	1.06	7.54	Student	-5.29	-2.90	-0.85	0.11	1.06	2.00	2.97	5.01	7.40	
	197.75	-0.20	2.60	School	-2.39	-1.57	-0.86	-0.53	-0.20	0.12	0.46	1.16	1.99	
35	196.16	0.59	7.54	Student	-5.76	-3.37	-1.32	-0.36	0.59	1.53	2.50	4.54	6.93	
	198.59	-0.34	2.60	School	-2.53	-1.70	-1.00	-0.67	-0.34	-0.01	0.32	1.03	1.85	
40	197.80	0.14	7.54	Student	-6.21	-3.81	-1.77	-0.81	0.14	1.09	2.05	4.09	6.48	
	199.40	-0.47	2.60	School	-2.66	-1.83	-1.13	-0.80	-0.47	-0.14	0.19	0.90	1.72	
45	199.38	-0.29	7.54	Student	-6.64	-4.25	-2.20	-1.24	-0.29	0.66	1.62	3.66	6.05	
	200.18	-0.59	2.60	School	-2.78	-1.96	-1.25	-0.92	-0.59	-0.27	0.07	0.77	1.60	
50	200.94	-0.72	7.54	Student	-7.06	-4.67	-2.63	-1.66	-0.72	0.23	1.19	3.24	5.63	
	200.94	-0.72	2.60	School	-2.91	-2.08	-1.38	-1.04	-0.72	-0.39	-0.06	0.65	1.48	
55	202.50	-1.14	7.54	Student	-7.49	-5.09	-3.05	-2.09	-1.14	-0.19	0.77	2.81	5.20	
	201.71	-0.84	2.60	School	-3.03	-2.21	-1.50	-1.17	-0.84	-0.51	-0.18	0.53	1.35	
60	204.09	-1.57	7.54	Student	-7.92	-5.53	-3.48	-2.52	-1.57	-0.63	0.34	2.38	4.77	
	202.49	-0.96	2.60	School	-3.16	-2.33	-1.62	-1.29	-0.96	-0.64	-0.31	0.40	1.23	
65	205.73	-2.02	7.54	Student	-8.36	-5.97	-3.93	-2.97	-2.02	-1.07	-0.11	1.94	4.33	
	203.29	-1.09	2.60	School	-3.29	-2.46	-1.75	-1.42	-1.09	-0.77	-0.43	0.27	1.10	
70	207.45	-2.49	7.54	Student	-8.83	-6.44	-4.40	-3.44	-2.49	-1.54	-0.58	1.47	3.86	
	204.14	-1.23	2.60	School	-3.42	-2.60	-1.89	-1.56	-1.23	-0.90	-0.57	0.13	0.96	
75	209.32	-3.00	7.54	Student	-9.34	-6.95	-4.91	-3.94	-3.00	-2.05	-1.09	0.96	3.35	
	205.05	-1.38	2.60	School	-3.57	-2.74	-2.04	-1.71	-1.38	-1.05	-0.72	-0.01	0.81	
80	211.39	-3.56	7.54	Student	-9.90	-7.51	-5.47	-4.51	-3.56	-2.61	-1.65	0.39	2.79	
	206.07	-1.54	2.60	School	-3.73	-2.91	-2.20	-1.87	-1.54	-1.21	-0.88	-0.18	0.65	
85	213.81	-4.22	7.54	Student	-10.6	-8.17	-6.13	-5.17	-4.22	-3.27	-2.31	-0.26	2.13	
	207.26	-1.73	2.60	School	-3.92	-3.10	-2.39	-2.06	-1.73	-1.41	-1.07	-0.37	0.46	
90	216.86	-5.05	7.54	Student	-11.4	-9.00	-6.96	-5.99	-5.05	-4.10	-3.14	-1.09	1.30	
	208.75	-1.97	2.60	School	-4.16	-3.34	-2.63	-2.30	-1.97	-1.65	-1.31	-0.61	0.22	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.24: Science Grade 5
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth								
		Mean	SD		CGI	20	30	40	45	50	55	60	70
10	185.03	8.10	6.58	Student	2.56	4.65	6.43	7.27	8.10	8.93	9.77	11.55	13.64
	193.13	5.98	2.44	School	3.92	4.69	5.36	5.67	5.98	6.28	6.60	7.26	8.03
15	188.07	7.55	6.58	Student	2.01	4.10	5.88	6.72	7.55	8.38	9.22	11.00	13.09
	194.63	5.83	2.44	School	3.78	4.55	5.21	5.53	5.83	6.14	6.45	7.12	7.89
20	190.49	7.11	6.58	Student	1.58	3.66	5.45	6.29	7.11	7.94	8.78	10.56	12.65
	195.81	5.72	2.44	School	3.66	4.44	5.10	5.41	5.72	6.03	6.34	7.00	7.78
25	192.57	6.74	6.58	Student	1.20	3.29	5.07	5.91	6.74	7.57	8.41	10.19	12.28
	196.83	5.62	2.44	School	3.56	4.34	5.00	5.32	5.62	5.93	6.24	6.90	7.68
30	194.43	6.40	6.58	Student	0.87	2.95	4.74	5.58	6.40	7.23	8.07	9.85	11.94
	197.75	5.53	2.44	School	3.48	4.25	4.92	5.23	5.53	5.84	6.15	6.82	7.59
35	196.16	6.09	6.58	Student	0.55	2.64	4.42	5.26	6.09	6.92	7.76	9.54	11.63
	198.59	5.45	2.44	School	3.40	4.17	4.83	5.15	5.45	5.76	6.07	6.74	7.51
40	197.80	5.80	6.58	Student	0.26	2.35	4.13	4.97	5.80	6.62	7.46	9.25	11.33
	199.40	5.38	2.44	School	3.32	4.09	4.76	5.07	5.38	5.68	6.00	6.66	7.43
45	199.38	5.51	6.58	Student	-0.03	2.06	3.84	4.68	5.51	6.34	7.18	8.96	11.05
	200.18	5.30	2.44	School	3.24	4.02	4.68	4.99	5.30	5.61	5.92	6.58	7.36
50	200.94	5.23	6.58	Student	-0.31	1.78	3.56	4.40	5.23	6.06	6.90	8.68	10.77
	200.94	5.23	2.44	School	3.17	3.95	4.61	4.92	5.23	5.54	5.85	6.51	7.29
55	202.50	4.95	6.58	Student	-0.59	1.50	3.28	4.12	4.95	5.77	6.61	8.40	10.48
	201.71	5.16	2.44	School	3.10	3.87	4.54	4.85	5.16	5.46	5.77	6.44	7.21
60	204.09	4.66	6.58	Student	-0.88	1.21	2.99	3.83	4.66	5.49	6.33	8.11	10.20
	202.49	5.08	2.44	School	3.02	3.80	4.46	4.77	5.08	5.39	5.70	6.36	7.14
65	205.73	4.37	6.58	Student	-1.17	0.92	2.70	3.54	4.37	5.19	6.03	7.82	9.90
	203.29	5.00	2.44	School	2.95	3.72	4.38	4.70	5.00	5.31	5.62	6.29	7.06
70	207.45	4.05	6.58	Student	-1.48	0.60	2.39	3.23	4.05	4.88	5.72	7.50	9.59
	204.14	4.92	2.44	School	2.86	3.64	4.30	4.62	4.92	5.23	5.54	6.20	6.98
75	209.32	3.72	6.58	Student	-1.82	0.27	2.05	2.89	3.72	4.54	5.38	7.17	9.25
	205.05	4.83	2.44	School	2.78	3.55	4.22	4.53	4.83	5.14	5.45	6.12	6.89
80	211.39	3.34	6.58	Student	-2.19	-0.11	1.68	2.52	3.34	4.17	5.01	6.79	8.88
	206.07	4.74	2.44	School	2.68	3.46	4.12	4.43	4.74	5.04	5.36	6.02	6.79
85	213.81	2.91	6.58	Student	-2.63	-0.54	1.24	2.08	2.91	3.73	4.57	6.36	8.44
	207.26	4.62	2.44	School	2.57	3.34	4.00	4.32	4.62	4.93	5.24	5.91	6.68
90	216.86	2.36	6.58	Student	-3.18	-1.09	0.69	1.53	2.36	3.18	4.02	5.81	7.89
	208.75	4.48	2.44	School	2.42	3.20	3.86	4.17	4.48	4.79	5.10	5.76	6.54

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.25: Science Grade 5
Fall To Winter Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	185.14	6.07	5.74	Student	1.24	3.06	4.62	5.35	6.07	6.80	7.53	9.09	10.91	
	192.87	4.15	1.22	School	3.13	3.51	3.84	4.00	4.15	4.30	4.46	4.79	5.17	
15	188.03	5.69	5.74	Student	0.86	2.68	4.24	4.97	5.69	6.41	7.15	8.70	10.53	
	194.28	4.13	1.22	School	3.11	3.50	3.83	3.98	4.13	4.29	4.44	4.77	5.16	
20	190.32	5.39	5.74	Student	0.55	2.38	3.93	4.67	5.39	6.11	6.84	8.40	10.22	
	195.40	4.12	1.22	School	3.10	3.49	3.82	3.97	4.12	4.28	4.43	4.76	5.15	
25	192.29	5.13	5.74	Student	0.29	2.12	3.67	4.41	5.13	5.85	6.58	8.14	9.96	
	196.36	4.11	1.22	School	3.09	3.48	3.81	3.96	4.11	4.27	4.42	4.75	5.14	
30	194.05	4.89	5.74	Student	0.06	1.88	3.44	4.17	4.89	5.62	6.35	7.91	9.73	
	197.22	4.11	1.22	School	3.08	3.47	3.80	3.95	4.11	4.26	4.41	4.74	5.13	
35	195.69	4.68	5.74	Student	-0.16	1.66	3.22	3.96	4.68	5.40	6.13	7.69	9.51	
	198.01	4.10	1.22	School	3.07	3.46	3.79	3.95	4.10	4.25	4.41	4.74	5.12	
40	197.24	4.47	5.74	Student	-0.36	1.46	3.02	3.75	4.47	5.19	5.93	7.48	9.31	
	198.77	4.09	1.22	School	3.07	3.45	3.78	3.94	4.09	4.24	4.40	4.73	5.11	
45	198.75	4.27	5.74	Student	-0.56	1.26	2.82	3.55	4.27	4.99	5.73	7.28	9.11	
	199.50	4.08	1.22	School	3.06	3.45	3.78	3.93	4.08	4.24	4.39	4.72	5.11	
50	200.23	4.08	5.74	Student	-0.76	1.06	2.62	3.35	4.08	4.80	5.53	7.09	8.91	
	200.23	4.08	1.22	School	3.05	3.44	3.77	3.92	4.08	4.23	4.38	4.71	5.10	
55	201.70	3.88	5.74	Student	-0.95	0.87	2.43	3.16	3.88	4.60	5.34	6.89	8.71	
	200.95	4.07	1.22	School	3.05	3.43	3.76	3.92	4.07	4.22	4.38	4.71	5.09	
60	203.21	3.68	5.74	Student	-1.15	0.67	2.23	2.96	3.68	4.40	5.14	6.69	8.52	
	201.68	4.06	1.22	School	3.04	3.42	3.75	3.91	4.06	4.21	4.37	4.70	5.09	
65	204.76	3.48	5.74	Student	-1.36	0.46	2.02	2.75	3.48	4.20	4.93	6.49	8.31	
	202.44	4.05	1.22	School	3.03	3.42	3.75	3.90	4.05	4.21	4.36	4.69	5.08	
70	206.40	3.26	5.74	Student	-1.58	0.25	1.80	2.54	3.26	3.98	4.71	6.27	8.09	
	203.23	4.05	1.22	School	3.02	3.41	3.74	3.89	4.05	4.20	4.35	4.68	5.07	
75	208.16	3.02	5.74	Student	-1.81	0.01	1.57	2.30	3.02	3.75	4.48	6.04	7.86	
	204.10	4.04	1.22	School	3.02	3.40	3.73	3.89	4.04	4.19	4.35	4.68	5.06	
80	210.13	2.76	5.74	Student	-2.07	-0.25	1.31	2.04	2.76	3.49	4.22	5.78	7.60	
	205.05	4.03	1.22	School	3.01	3.39	3.72	3.88	4.03	4.18	4.34	4.67	5.05	
85	212.43	2.46	5.74	Student	-2.37	-0.55	1.01	1.74	2.46	3.18	3.92	5.47	7.29	
	206.17	4.02	1.22	School	2.99	3.38	3.71	3.87	4.02	4.17	4.33	4.66	5.04	
90	215.31	2.08	5.74	Student	-2.76	-0.93	0.62	1.36	2.08	2.80	3.53	5.09	6.91	
	207.58	4.00	1.22	School	2.98	3.37	3.70	3.85	4.00	4.16	4.31	4.64	5.03	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.26: Science Grade 5
Fall To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	185.14	8.32	6.97	Student	2.46	4.67	6.56	7.45	8.32	9.20	10.09	11.98	14.19	
	192.87	6.07	2.13	School	4.28	4.96	5.53	5.80	6.07	6.34	6.61	7.19	7.86	
15	188.03	7.87	6.97	Student	2.00	4.21	6.10	6.99	7.87	8.74	9.63	11.52	13.73	
	194.28	6.05	2.13	School	4.26	4.93	5.51	5.78	6.05	6.31	6.59	7.16	7.84	
20	190.32	7.51	6.97	Student	1.64	3.85	5.74	6.63	7.51	8.38	9.27	11.16	13.37	
	195.40	6.03	2.13	School	4.24	4.91	5.49	5.76	6.03	6.29	6.57	7.14	7.82	
25	192.29	7.20	6.97	Student	1.33	3.54	5.43	6.32	7.20	8.07	8.96	10.85	13.06	
	196.36	6.01	2.13	School	4.22	4.90	5.47	5.74	6.01	6.28	6.55	7.13	7.80	
30	194.05	6.92	6.97	Student	1.05	3.26	5.15	6.04	6.92	7.79	8.68	10.57	12.78	
	197.22	6.00	2.13	School	4.21	4.88	5.46	5.73	6.00	6.26	6.54	7.11	7.79	
35	195.69	6.66	6.97	Student	0.80	3.01	4.89	5.78	6.66	7.54	8.43	10.31	12.53	
	198.01	5.98	2.13	School	4.19	4.87	5.44	5.72	5.98	6.25	6.52	7.10	7.77	
40	197.24	6.42	6.97	Student	0.55	2.76	4.65	5.54	6.42	7.29	8.18	10.07	12.28	
	198.77	5.97	2.13	School	4.18	4.85	5.43	5.70	5.97	6.24	6.51	7.08	7.76	
45	198.75	6.18	6.97	Student	0.31	2.52	4.41	5.30	6.18	7.05	7.94	9.83	12.04	
	199.50	5.96	2.13	School	4.17	4.84	5.42	5.69	5.96	6.22	6.50	7.07	7.75	
50	200.23	5.95	6.97	Student	0.08	2.29	4.18	5.07	5.95	6.82	7.71	9.60	11.81	
	200.23	5.95	2.13	School	4.16	4.83	5.41	5.68	5.95	6.21	6.48	7.06	7.73	
55	201.70	5.71	6.97	Student	-0.15	2.06	3.95	4.84	5.71	6.59	7.48	9.37	11.58	
	200.95	5.93	2.13	School	4.14	4.82	5.39	5.67	5.93	6.20	6.47	7.05	7.72	
60	203.21	5.47	6.97	Student	-0.39	1.82	3.71	4.60	5.47	6.35	7.24	9.13	11.34	
	201.68	5.92	2.13	School	4.13	4.81	5.38	5.65	5.92	6.19	6.46	7.04	7.71	
65	204.76	5.23	6.97	Student	-0.64	1.58	3.46	4.35	5.23	6.11	7.00	8.88	11.09	
	202.44	5.91	2.13	School	4.12	4.79	5.37	5.64	5.91	6.17	6.45	7.02	7.70	
70	206.40	4.97	6.97	Student	-0.89	1.32	3.21	4.10	4.97	5.85	6.74	8.63	10.84	
	203.23	5.89	2.13	School	4.10	4.78	5.35	5.63	5.89	6.16	6.43	7.01	7.68	
75	208.16	4.69	6.97	Student	-1.17	1.04	2.93	3.82	4.69	5.57	6.46	8.35	10.56	
	204.10	5.88	2.13	School	4.09	4.76	5.34	5.61	5.88	6.15	6.42	6.99	7.67	
80	210.13	4.38	6.97	Student	-1.48	0.73	2.62	3.51	4.38	5.26	6.15	8.04	10.25	
	205.05	5.86	2.13	School	4.07	4.75	5.32	5.60	5.86	6.13	6.40	6.98	7.65	
85	212.43	4.02	6.97	Student	-1.84	0.37	2.26	3.15	4.02	4.90	5.79	7.68	9.89	
	206.17	5.84	2.13	School	4.05	4.73	5.30	5.58	5.84	6.11	6.38	6.96	7.63	
90	215.31	3.57	6.97	Student	-2.30	-0.09	1.80	2.69	3.57	4.44	5.33	7.22	9.43	
	207.58	5.82	2.13	School	4.03	4.70	5.28	5.55	5.82	6.09	6.36	6.93	7.61	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.27: Science Grade 5
Fall To N Fall Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	185.14	4.94	6.57	Student	-0.59	1.50	3.28	4.12	4.94	5.77	6.61	8.39	10.47	
	192.87	3.72	1.63	School	2.35	2.87	3.31	3.51	3.72	3.92	4.13	4.57	5.09	
15	188.03	4.74	6.57	Student	-0.79	1.30	3.08	3.92	4.74	5.57	6.41	8.19	10.27	
	194.28	3.75	1.63	School	2.38	2.90	3.34	3.55	3.75	3.96	4.17	4.61	5.12	
20	190.32	4.59	6.57	Student	-0.94	1.14	2.92	3.76	4.59	5.41	6.25	8.03	10.12	
	195.40	3.78	1.63	School	2.41	2.93	3.37	3.58	3.78	3.99	4.19	4.63	5.15	
25	192.29	4.45	6.57	Student	-1.08	1.00	2.79	3.62	4.45	5.28	6.11	7.90	9.98	
	196.36	3.80	1.63	School	2.44	2.95	3.39	3.60	3.80	4.01	4.22	4.66	5.17	
30	194.05	4.33	6.57	Student	-1.20	0.88	2.66	3.50	4.33	5.15	5.99	7.77	9.86	
	197.22	3.83	1.63	School	2.46	2.97	3.41	3.62	3.83	4.03	4.24	4.68	5.20	
35	195.69	4.21	6.57	Student	-1.32	0.77	2.55	3.39	4.21	5.04	5.88	7.66	9.74	
	198.01	3.85	1.63	School	2.48	2.99	3.43	3.64	3.85	4.05	4.26	4.70	5.22	
40	197.24	4.11	6.57	Student	-1.42	0.66	2.44	3.28	4.11	4.93	5.77	7.55	9.64	
	198.77	3.86	1.63	School	2.49	3.01	3.45	3.66	3.86	4.07	4.28	4.72	5.23	
45	198.75	4.00	6.57	Student	-1.53	0.56	2.34	3.18	4.00	4.83	5.67	7.45	9.53	
	199.50	3.88	1.63	School	2.51	3.03	3.47	3.68	3.88	4.09	4.30	4.74	5.25	
50	200.23	3.90	6.57	Student	-1.63	0.46	2.24	3.08	3.90	4.73	5.57	7.35	9.43	
	200.23	3.90	1.63	School	2.53	3.05	3.49	3.70	3.90	4.11	4.31	4.75	5.27	
55	201.70	3.80	6.57	Student	-1.73	0.35	2.13	2.97	3.80	4.62	5.46	7.24	9.33	
	200.95	3.92	1.63	School	2.55	3.07	3.51	3.71	3.92	4.12	4.33	4.77	5.29	
60	203.21	3.69	6.57	Student	-1.84	0.25	2.03	2.87	3.69	4.52	5.36	7.14	9.22	
	201.68	3.94	1.63	School	2.57	3.08	3.52	3.73	3.94	4.14	4.35	4.79	5.31	
65	204.76	3.59	6.57	Student	-1.94	0.14	1.92	2.76	3.59	4.41	5.25	7.03	9.12	
	202.44	3.96	1.63	School	2.59	3.10	3.54	3.75	3.96	4.16	4.37	4.81	5.33	
70	206.40	3.47	6.57	Student	-2.06	0.03	1.81	2.65	3.47	4.30	5.14	6.92	9.00	
	203.23	3.98	1.63	School	2.61	3.12	3.56	3.77	3.98	4.18	4.39	4.83	5.35	
75	208.16	3.35	6.57	Student	-2.18	-0.09	1.69	2.53	3.35	4.18	5.02	6.80	8.88	
	204.10	4.00	1.63	School	2.63	3.14	3.58	3.79	4.00	4.20	4.41	4.85	5.37	
80	210.13	3.22	6.57	Student	-2.31	-0.23	1.55	2.39	3.22	4.04	4.88	6.66	8.75	
	205.05	4.02	1.63	School	2.65	3.17	3.61	3.82	4.02	4.22	4.43	4.87	5.39	
85	212.43	3.06	6.57	Student	-2.47	-0.39	1.39	2.23	3.06	3.88	4.72	6.50	8.59	
	206.17	4.05	1.63	School	2.68	3.19	3.64	3.84	4.05	4.25	4.46	4.90	5.42	
90	215.31	2.86	6.57	Student	-2.67	-0.59	1.19	2.03	2.86	3.68	4.52	6.30	8.39	
	207.58	4.08	1.63	School	2.71	3.23	3.67	3.88	4.08	4.29	4.50	4.94	5.45	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.28: Science Grade 5
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	189.29	3.09	5.57	Student	-1.60	0.17	1.68	2.39	3.09	3.79	4.50	6.01	7.77	
	196.86	1.68	0.90	School	0.92	1.20	1.45	1.56	1.68	1.79	1.91	2.15	2.44	
15	192.16	2.86	5.57	Student	-1.83	-0.06	1.44	2.16	2.86	3.56	4.27	5.78	7.54	
	198.28	1.71	0.90	School	0.96	1.24	1.49	1.60	1.71	1.83	1.94	2.19	2.47	
20	194.44	2.67	5.57	Student	-2.02	-0.25	1.26	1.97	2.67	3.37	4.08	5.59	7.36	
	199.41	1.74	0.90	School	0.99	1.27	1.51	1.63	1.74	1.86	1.97	2.22	2.50	
25	196.40	2.51	5.57	Student	-2.17	-0.41	1.10	1.81	2.51	3.21	3.92	5.43	7.20	
	200.38	1.77	0.90	School	1.01	1.30	1.54	1.65	1.77	1.88	2.00	2.24	2.53	
30	198.16	2.37	5.57	Student	-2.32	-0.55	0.96	1.67	2.37	3.07	3.78	5.29	7.05	
	201.25	1.79	0.90	School	1.03	1.32	1.56	1.68	1.79	1.90	2.02	2.26	2.55	
35	199.79	2.24	5.57	Student	-2.45	-0.68	0.83	1.54	2.24	2.94	3.65	5.16	6.92	
	202.06	1.81	0.90	School	1.05	1.34	1.58	1.70	1.81	1.92	2.04	2.28	2.57	
40	201.33	2.11	5.57	Student	-2.58	-0.81	0.70	1.41	2.11	2.81	3.52	5.03	6.80	
	202.83	1.83	0.90	School	1.07	1.36	1.60	1.72	1.83	1.94	2.06	2.30	2.59	
45	202.83	1.99	5.57	Student	-2.70	-0.93	0.58	1.29	1.99	2.69	3.40	4.91	6.67	
	203.57	1.85	0.90	School	1.09	1.38	1.62	1.74	1.85	1.96	2.08	2.32	2.61	
50	204.30	1.87	5.57	Student	-2.82	-1.05	0.46	1.17	1.87	2.57	3.28	4.79	6.55	
	204.30	1.87	0.90	School	1.11	1.40	1.64	1.76	1.87	1.98	2.10	2.34	2.63	
55	205.77	1.75	5.57	Student	-2.94	-1.17	0.34	1.05	1.75	2.45	3.16	4.67	6.43	
	205.03	1.89	0.90	School	1.13	1.42	1.66	1.77	1.89	2.00	2.12	2.36	2.65	
60	207.27	1.63	5.57	Student	-3.06	-1.29	0.22	0.93	1.63	2.33	3.04	4.55	6.31	
	205.77	1.91	0.90	School	1.15	1.43	1.68	1.79	1.91	2.02	2.13	2.38	2.66	
65	208.82	1.50	5.57	Student	-3.18	-1.42	0.09	0.80	1.50	2.20	2.91	4.42	6.19	
	206.54	1.93	0.90	School	1.17	1.45	1.70	1.81	1.93	2.04	2.15	2.40	2.68	
70	210.45	1.37	5.57	Student	-3.32	-1.55	-0.04	0.67	1.37	2.07	2.78	4.29	6.06	
	207.35	1.95	0.90	School	1.19	1.47	1.72	1.83	1.95	2.06	2.18	2.42	2.71	
75	212.20	1.23	5.57	Student	-3.46	-1.69	-0.18	0.53	1.23	1.93	2.64	4.15	5.91	
	208.22	1.97	0.90	School	1.21	1.50	1.74	1.86	1.97	2.08	2.20	2.44	2.73	
80	214.16	1.07	5.57	Student	-3.62	-1.85	-0.34	0.37	1.07	1.77	2.48	3.99	5.75	
	209.19	1.99	0.90	School	1.24	1.52	1.77	1.88	1.99	2.11	2.22	2.47	2.75	
85	216.44	0.88	5.57	Student	-3.80	-2.04	-0.53	0.18	0.88	1.58	2.29	3.80	5.57	
	210.32	2.02	0.90	School	1.27	1.55	1.80	1.91	2.02	2.14	2.25	2.50	2.78	
90	219.32	0.65	5.57	Student	-4.04	-2.27	-0.76	-0.05	0.65	1.35	2.06	3.57	5.33	
	211.75	2.06	0.90	School	1.30	1.59	1.83	1.95	2.06	2.17	2.29	2.53	2.82	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.29: Science Grade 6
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	187.37	6.68	6.17	Student	1.48	3.44	5.11	5.90	6.68	7.45	8.24	9.91	11.87	
	195.10	4.66	1.70	School	3.23	3.77	4.23	4.45	4.66	4.87	5.09	5.55	6.09	
15	190.44	6.13	6.17	Student	0.94	2.90	4.57	5.36	6.13	6.91	7.70	9.37	11.33	
	196.69	4.50	1.70	School	3.07	3.61	4.07	4.29	4.50	4.72	4.94	5.40	5.94	
20	192.88	5.70	6.17	Student	0.51	2.46	4.14	4.93	5.70	6.48	7.27	8.94	10.90	
	197.96	4.38	1.70	School	2.95	3.49	3.95	4.17	4.38	4.59	4.81	5.27	5.81	
25	194.97	5.33	6.17	Student	0.14	2.09	3.77	4.56	5.33	6.11	6.90	8.57	10.53	
	199.04	4.27	1.70	School	2.84	3.38	3.84	4.06	4.27	4.49	4.70	5.16	5.70	
30	196.85	5.00	6.17	Student	-0.20	1.76	3.44	4.22	5.00	5.78	6.57	8.24	10.20	
	200.01	4.18	1.70	School	2.75	3.28	3.75	3.96	4.18	4.39	4.61	5.07	5.61	
35	198.59	4.69	6.17	Student	-0.50	1.46	3.13	3.92	4.69	5.47	6.26	7.93	9.89	
	200.92	4.09	1.70	School	2.66	3.20	3.66	3.87	4.09	4.30	4.52	4.98	5.52	
40	200.25	4.40	6.17	Student	-0.80	1.16	2.84	3.63	4.40	5.18	5.97	7.64	9.60	
	201.77	4.00	1.70	School	2.57	3.11	3.57	3.79	4.00	4.22	4.43	4.89	5.43	
45	201.85	4.12	6.17	Student	-1.08	0.88	2.55	3.34	4.12	4.89	5.68	7.36	9.32	
	202.60	3.92	1.70	School	2.49	3.03	3.49	3.71	3.92	4.13	4.35	4.81	5.35	
50	203.42	3.84	6.17	Student	-1.36	0.60	2.28	3.06	3.84	4.62	5.40	7.08	9.04	
	203.42	3.84	1.70	School	2.41	2.95	3.41	3.63	3.84	4.05	4.27	4.73	5.27	
55	204.99	3.56	6.17	Student	-1.63	0.32	2.00	2.79	3.56	4.34	5.13	6.80	8.76	
	204.24	3.76	1.70	School	2.33	2.87	3.33	3.55	3.76	3.97	4.19	4.65	5.19	
60	206.59	3.28	6.17	Student	-1.92	0.04	1.72	2.50	3.28	4.06	4.84	6.52	8.48	
	205.06	3.68	1.70	School	2.25	2.79	3.25	3.46	3.68	3.89	4.11	4.57	5.11	
65	208.24	2.99	6.17	Student	-2.21	-0.25	1.42	2.21	2.99	3.76	4.55	6.23	8.18	
	205.92	3.59	1.70	School	2.16	2.70	3.16	3.38	3.59	3.81	4.02	4.49	5.02	
70	209.99	2.68	6.17	Student	-2.52	-0.56	1.12	1.90	2.68	3.46	4.24	5.92	7.88	
	206.82	3.50	1.70	School	2.07	2.61	3.07	3.29	3.50	3.72	3.94	4.40	4.94	
75	211.87	2.35	6.17	Student	-2.85	-0.89	0.78	1.57	2.35	3.12	3.91	5.59	7.54	
	207.80	3.41	1.70	School	1.98	2.52	2.98	3.19	3.41	3.62	3.84	4.30	4.84	
80	213.96	1.98	6.17	Student	-3.22	-1.26	0.41	1.20	1.98	2.75	3.54	5.22	7.18	
	208.88	3.30	1.70	School	1.87	2.41	2.87	3.09	3.30	3.52	3.73	4.19	4.73	
85	216.40	1.55	6.17	Student	-3.65	-1.69	-0.02	0.77	1.55	2.32	3.11	4.79	6.74	
	210.15	3.18	1.70	School	1.75	2.29	2.75	2.96	3.18	3.39	3.61	4.07	4.61	
90	219.47	1.00	6.17	Student	-4.19	-2.23	-0.56	0.23	1.00	1.78	2.57	4.24	6.20	
	211.74	3.02	1.70	School	1.59	2.13	2.59	2.81	3.02	3.23	3.45	3.91	4.45	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.30: Science Grade 6
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	187.80	4.12	7.62	Student	-2.29	0.12	2.19	3.16	4.12	5.08	6.05	8.12	10.54	
	195.99	0.73	2.49	School	-1.37	-0.58	0.10	0.41	0.73	1.04	1.36	2.03	2.82	
15	191.07	3.14	7.62	Student	-3.27	-0.86	1.21	2.18	3.14	4.10	5.07	7.14	9.56	
	197.69	0.39	2.49	School	-1.70	-0.91	-0.24	0.08	0.39	0.71	1.02	1.70	2.49	
20	193.66	2.36	7.62	Student	-4.06	-1.64	0.43	1.40	2.36	3.32	4.29	6.36	8.78	
	199.04	0.13	2.49	School	-1.96	-1.17	-0.50	-0.18	0.13	0.44	0.76	1.43	2.22	
25	195.89	1.69	7.62	Student	-4.72	-2.31	-0.24	0.73	1.69	2.65	3.62	5.69	8.11	
	200.20	-0.10	2.49	School	-2.19	-1.40	-0.73	-0.41	-0.10	0.22	0.53	1.21	2.00	
30	197.89	1.09	7.62	Student	-5.33	-2.91	-0.84	0.13	1.09	2.05	3.02	5.09	7.50	
	201.24	-0.30	2.49	School	-2.39	-1.60	-0.93	-0.61	-0.30	0.01	0.33	1.00	1.79	
35	199.74	0.53	7.62	Student	-5.88	-3.46	-1.40	-0.43	0.53	1.49	2.46	4.53	6.95	
	202.20	-0.49	2.49	School	-2.58	-1.79	-1.12	-0.80	-0.49	-0.18	0.14	0.82	1.60	
40	201.50	0.00	7.62	Student	-6.41	-3.99	-1.93	-0.95	0.00	0.96	1.93	4.00	6.42	
	203.12	-0.67	2.49	School	-2.76	-1.97	-1.30	-0.98	-0.67	-0.35	-0.04	0.64	1.43	
45	203.20	-0.51	7.62	Student	-6.92	-4.50	-2.44	-1.47	-0.51	0.45	1.42	3.49	5.91	
	204.00	-0.84	2.49	School	-2.93	-2.15	-1.47	-1.15	-0.84	-0.53	-0.21	0.46	1.25	
50	204.87	-1.01	7.62	Student	-7.43	-5.01	-2.94	-1.97	-1.01	-0.05	0.92	2.99	5.40	
	204.87	-1.01	2.49	School	-3.10	-2.32	-1.64	-1.32	-1.01	-0.70	-0.38	0.29	1.08	
55	206.55	-1.51	7.62	Student	-7.93	-5.51	-3.45	-2.47	-1.51	-0.56	0.42	2.48	4.90	
	205.74	-1.18	2.49	School	-3.27	-2.49	-1.81	-1.49	-1.18	-0.87	-0.55	0.12	0.91	
60	208.25	-2.03	7.62	Student	-8.44	-6.02	-3.96	-2.98	-2.03	-1.07	-0.09	1.97	4.39	
	206.63	-1.35	2.49	School	-3.45	-2.66	-1.98	-1.67	-1.35	-1.04	-0.72	-0.05	0.74	
65	210.01	-2.55	7.62	Student	-8.97	-6.55	-4.49	-3.51	-2.55	-1.60	-0.62	1.44	3.86	
	207.54	-1.53	2.49	School	-3.63	-2.84	-2.16	-1.85	-1.53	-1.22	-0.90	-0.23	0.56	
70	211.86	-3.11	7.62	Student	-9.53	-7.11	-5.04	-4.07	-3.11	-2.15	-1.18	0.89	3.30	
	208.51	-1.72	2.49	School	-3.82	-3.03	-2.35	-2.03	-1.72	-1.41	-1.09	-0.42	0.37	
75	213.86	-3.71	7.62	Student	-10.1	-7.71	-5.64	-4.67	-3.71	-2.75	-1.78	0.28	2.70	
	209.55	-1.93	2.49	School	-4.02	-3.23	-2.56	-2.24	-1.93	-1.61	-1.30	-0.62	0.17	
80	216.08	-4.38	7.62	Student	-10.8	-8.38	-6.31	-5.34	-4.38	-3.42	-2.45	-0.39	2.03	
	210.70	-2.15	2.49	School	-4.25	-3.46	-2.78	-2.47	-2.15	-1.84	-1.52	-0.85	-0.06	
85	218.68	-5.16	7.62	Student	-11.6	-9.16	-7.09	-6.12	-5.16	-4.20	-3.23	-1.17	1.25	
	212.05	-2.42	2.49	School	-4.51	-3.72	-3.05	-2.73	-2.42	-2.10	-1.79	-1.11	-0.32	
90	221.94	-6.14	7.62	Student	-12.6	-10.1	-8.08	-7.10	-6.14	-5.19	-4.21	-2.15	0.27	
	213.75	-2.75	2.49	School	-4.84	-4.05	-3.38	-3.06	-2.75	-2.44	-2.12	-1.44	-0.66	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.31: Science Grade 6
Last Spring To Spring Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	187.80	7.16	6.55	Student	1.65	3.73	5.50	6.34	7.16	7.99	8.82	10.60	12.68	
	195.99	4.92	2.07	School	3.18	3.84	4.40	4.66	4.92	5.18	5.44	6.00	6.66	
15	191.07	6.48	6.55	Student	0.97	3.05	4.82	5.66	6.48	7.30	8.14	9.92	11.99	
	197.69	4.67	2.07	School	2.93	3.58	4.14	4.41	4.67	4.93	5.19	5.75	6.40	
20	193.66	5.94	6.55	Student	0.42	2.50	4.28	5.12	5.94	6.76	7.60	9.37	11.45	
	199.04	4.46	2.07	School	2.73	3.38	3.94	4.21	4.46	4.72	4.99	5.55	6.20	
25	195.89	5.47	6.55	Student	-0.04	2.04	3.81	4.65	5.47	6.30	7.13	8.91	10.99	
	200.20	4.29	2.07	School	2.55	3.21	3.77	4.03	4.29	4.55	4.82	5.37	6.03	
30	197.89	5.05	6.55	Student	-0.46	1.62	3.40	4.23	5.05	5.88	6.71	8.49	10.57	
	201.24	4.14	2.07	School	2.40	3.05	3.61	3.88	4.14	4.40	4.66	5.22	5.87	
35	199.74	4.67	6.55	Student	-0.85	1.23	3.01	3.84	4.67	5.49	6.33	8.10	10.18	
	202.20	3.99	2.07	School	2.25	2.91	3.47	3.73	3.99	4.25	4.52	5.08	5.73	
40	201.50	4.30	6.55	Student	-1.21	0.86	2.64	3.48	4.30	5.12	5.96	7.74	9.81	
	203.12	3.86	2.07	School	2.12	2.77	3.33	3.60	3.86	4.12	4.38	4.94	5.59	
45	203.20	3.94	6.55	Student	-1.57	0.51	2.28	3.12	3.94	4.77	5.60	7.38	9.46	
	204.00	3.72	2.07	School	1.99	2.64	3.20	3.46	3.72	3.98	4.25	4.81	5.46	
50	204.87	3.59	6.55	Student	-1.92	0.16	1.93	2.77	3.59	4.42	5.25	7.03	9.11	
	204.87	3.59	2.07	School	1.86	2.51	3.07	3.33	3.59	3.85	4.12	4.68	5.33	
55	206.55	3.24	6.55	Student	-2.27	-0.19	1.58	2.42	3.24	4.07	4.90	6.68	8.76	
	205.74	3.46	2.07	School	1.73	2.38	2.94	3.20	3.46	3.72	3.99	4.55	5.20	
60	208.25	2.89	6.55	Student	-2.62	-0.55	1.23	2.07	2.89	3.71	4.55	6.32	8.40	
	206.63	3.33	2.07	School	1.59	2.25	2.81	3.07	3.33	3.59	3.86	4.42	5.07	
65	210.01	2.52	6.55	Student	-2.99	-0.91	0.86	1.70	2.52	3.34	4.18	5.96	8.03	
	207.54	3.20	2.07	School	1.46	2.11	2.67	2.94	3.20	3.46	3.72	4.28	4.93	
70	211.86	2.13	6.55	Student	-3.38	-1.30	0.47	1.31	2.13	2.96	3.79	5.57	7.65	
	208.51	3.05	2.07	School	1.31	1.97	2.53	2.79	3.05	3.31	3.58	4.14	4.79	
75	213.86	1.72	6.55	Student	-3.80	-1.72	0.06	0.89	1.72	2.54	3.38	5.15	7.23	
	209.55	2.90	2.07	School	1.16	1.81	2.37	2.64	2.90	3.16	3.42	3.98	4.64	
80	216.08	1.25	6.55	Student	-4.26	-2.19	-0.41	0.43	1.25	2.07	2.91	4.69	6.76	
	210.70	2.72	2.07	School	0.99	1.64	2.20	2.46	2.72	2.98	3.25	3.81	4.46	
85	218.68	0.71	6.55	Student	-4.81	-2.73	-0.95	-0.12	0.71	1.53	2.37	4.14	6.22	
	212.05	2.52	2.07	School	0.78	1.44	2.00	2.26	2.52	2.78	3.05	3.61	4.26	
90	221.94	0.03	6.55	Student	-5.49	-3.41	-1.63	-0.80	0.03	0.85	1.68	3.46	5.54	
	213.75	2.27	2.07	School	0.53	1.19	1.75	2.01	2.27	2.53	2.79	3.35	4.01	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.32: Science Grade 6
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	188.44	5.28	5.72	Student	0.46	2.28	3.83	4.56	5.28	6.00	6.73	8.28	10.09	
	196.04	3.56	1.21	School	2.54	2.93	3.26	3.41	3.56	3.72	3.87	4.20	4.58	
15	191.39	4.92	5.72	Student	0.10	1.92	3.47	4.20	4.92	5.64	6.37	7.92	9.73	
	197.54	3.53	1.21	School	2.51	2.90	3.22	3.38	3.53	3.68	3.84	4.17	4.55	
20	193.73	4.63	5.72	Student	-0.18	1.63	3.18	3.91	4.63	5.35	6.08	7.63	9.45	
	198.73	3.51	1.21	School	2.49	2.87	3.20	3.35	3.51	3.66	3.81	4.14	4.52	
25	195.74	4.39	5.72	Student	-0.43	1.39	2.94	3.67	4.39	5.11	5.84	7.39	9.20	
	199.75	3.48	1.21	School	2.47	2.85	3.18	3.33	3.48	3.64	3.79	4.12	4.50	
30	197.55	4.17	5.72	Student	-0.65	1.17	2.72	3.45	4.17	4.89	5.62	7.17	8.98	
	200.66	3.47	1.21	School	2.45	2.83	3.16	3.31	3.47	3.62	3.77	4.10	4.48	
35	199.22	3.96	5.72	Student	-0.85	0.96	2.51	3.24	3.96	4.68	5.41	6.96	8.78	
	201.51	3.45	1.21	School	2.43	2.81	3.14	3.30	3.45	3.60	3.75	4.08	4.47	
40	200.81	3.77	5.72	Student	-1.05	0.77	2.32	3.05	3.77	4.49	5.22	6.77	8.58	
	202.32	3.43	1.21	School	2.41	2.80	3.12	3.28	3.43	3.58	3.74	4.06	4.45	
45	202.35	3.58	5.72	Student	-1.23	0.58	2.13	2.86	3.58	4.30	5.03	6.58	8.40	
	203.10	3.41	1.21	School	2.40	2.78	3.11	3.26	3.41	3.57	3.72	4.05	4.43	
50	203.86	3.40	5.72	Student	-1.42	0.40	1.95	2.68	3.40	4.12	4.85	6.40	8.21	
	203.86	3.40	1.21	School	2.38	2.76	3.09	3.25	3.40	3.55	3.70	4.03	4.42	
55	205.38	3.21	5.72	Student	-1.60	0.21	1.76	2.49	3.21	3.93	4.66	6.21	8.03	
	204.63	3.38	1.21	School	2.36	2.75	3.07	3.23	3.38	3.53	3.69	4.02	4.40	
60	206.91	3.03	5.72	Student	-1.79	0.03	1.58	2.31	3.03	3.74	4.47	6.03	7.84	
	205.41	3.36	1.21	School	2.35	2.73	3.06	3.21	3.36	3.52	3.67	4.00	4.38	
65	208.50	2.83	5.72	Student	-1.98	-0.17	1.38	2.11	2.83	3.55	4.28	5.83	7.65	
	206.21	3.35	1.21	School	2.33	2.71	3.04	3.20	3.35	3.50	3.65	3.98	4.37	
70	210.17	2.63	5.72	Student	-2.19	-0.37	1.18	1.91	2.63	3.35	4.08	5.63	7.44	
	207.06	3.33	1.21	School	2.31	2.70	3.02	3.18	3.33	3.48	3.64	3.96	4.35	
75	211.98	2.41	5.72	Student	-2.41	-0.59	0.96	1.69	2.41	3.13	3.86	5.41	7.22	
	207.98	3.31	1.21	School	2.29	2.68	3.00	3.16	3.31	3.46	3.62	3.94	4.33	
80	213.99	2.16	5.72	Student	-2.65	-0.84	0.71	1.44	2.16	2.88	3.61	5.16	6.98	
	209.00	3.29	1.21	School	2.27	2.65	2.98	3.14	3.29	3.44	3.60	3.92	4.31	
85	216.34	1.88	5.72	Student	-2.94	-1.12	0.43	1.16	1.88	2.59	3.33	4.88	6.69	
	210.19	3.26	1.21	School	2.25	2.63	2.96	3.11	3.26	3.42	3.57	3.90	4.28	
90	219.29	1.52	5.72	Student	-3.30	-1.48	0.07	0.80	1.52	2.23	2.97	4.52	6.33	
	211.68	3.23	1.21	School	2.21	2.60	2.93	3.08	3.23	3.38	3.54	3.87	4.25	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.33: Science Grade 6
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	188.44	6.80 6.89	Student	1.01	3.19	5.06	5.94	6.80	7.67	8.55	10.42	12.60	
	196.04	4.89 2.12	School	3.11	3.79	4.36	4.63	4.89	5.16	5.43	6.00	6.68	
15	191.39	6.38 6.89	Student	0.59	2.77	4.64	5.52	6.38	7.25	8.13	9.99	12.18	
	197.54	4.84 2.12	School	3.06	3.73	4.30	4.57	4.84	5.11	5.38	5.95	6.62	
20	193.73	6.05 6.89	Student	0.26	2.44	4.31	5.18	6.05	6.91	7.79	9.66	11.84	
	198.73	4.80 2.12	School	3.01	3.69	4.26	4.53	4.80	5.06	5.33	5.91	6.58	
25	195.74	5.76 6.89	Student	-0.03	2.15	4.02	4.90	5.76	6.63	7.51	9.37	11.56	
	199.75	4.76 2.12	School	2.98	3.65	4.22	4.49	4.76	5.02	5.29	5.87	6.54	
30	197.55	5.51 6.89	Student	-0.29	1.89	3.76	4.64	5.51	6.37	7.25	9.12	11.30	
	200.66	4.72 2.12	School	2.94	3.61	4.19	4.46	4.72	4.99	5.26	5.83	6.50	
35	199.22	5.27 6.89	Student	-0.53	1.66	3.52	4.40	5.27	6.13	7.01	8.88	11.06	
	201.51	4.69 2.12	School	2.91	3.58	4.16	4.43	4.69	4.96	5.23	5.80	6.47	
40	200.81	5.04 6.89	Student	-0.75	1.43	3.30	4.18	5.04	5.91	6.78	8.65	10.83	
	202.32	4.66 2.12	School	2.88	3.55	4.13	4.40	4.66	4.93	5.20	5.77	6.44	
45	202.35	4.82 6.89	Student	-0.97	1.21	3.08	3.96	4.82	5.69	6.57	8.43	10.62	
	203.10	4.63 2.12	School	2.85	3.52	4.10	4.37	4.63	4.90	5.17	5.74	6.41	
50	203.86	4.61 6.89	Student	-1.19	0.99	2.86	3.74	4.61	5.47	6.35	8.22	10.40	
	203.86	4.61 2.12	School	2.82	3.50	4.07	4.34	4.61	4.87	5.14	5.72	6.39	
55	205.38	4.39 6.89	Student	-1.40	0.78	2.65	3.52	4.39	5.26	6.13	8.00	10.18	
	204.63	4.58 2.12	School	2.80	3.47	4.04	4.31	4.58	4.84	5.11	5.69	6.36	
60	206.91	4.17 6.89	Student	-1.62	0.56	2.43	3.31	4.17	5.04	5.92	7.78	9.97	
	205.41	4.55 2.12	School	2.77	3.44	4.01	4.28	4.55	4.81	5.08	5.66	6.33	
65	208.50	3.94 6.89	Student	-1.85	0.33	2.20	3.08	3.94	4.81	5.69	7.55	9.74	
	206.21	4.52 2.12	School	2.74	3.41	3.98	4.25	4.52	4.78	5.05	5.63	6.30	
70	210.17	3.71 6.89	Student	-2.09	0.10	1.96	2.84	3.71	4.57	5.45	7.32	9.50	
	207.06	4.49 2.12	School	2.71	3.38	3.95	4.22	4.49	4.75	5.02	5.60	6.27	
75	211.98	3.45 6.89	Student	-2.35	-0.16	1.70	2.58	3.45	4.31	5.19	7.06	9.24	
	207.98	4.45 2.12	School	2.67	3.34	3.92	4.19	4.45	4.72	4.99	5.56	6.23	
80	213.99	3.16 6.89	Student	-2.63	-0.45	1.42	2.30	3.16	4.03	4.91	6.77	8.96	
	209.00	4.42 2.12	School	2.63	3.31	3.88	4.15	4.42	4.68	4.95	5.52	6.20	
85	216.34	2.83 6.89	Student	-2.97	-0.78	1.08	1.96	2.83	3.69	4.57	6.44	8.62	
	210.19	4.37 2.12	School	2.59	3.26	3.84	4.11	4.37	4.64	4.91	5.48	6.15	
90	219.29	2.41 6.89	Student	-3.39	-1.20	0.66	1.54	2.41	3.27	4.15	6.02	8.20	
	211.68	4.32 2.12	School	2.54	3.21	3.78	4.05	4.32	4.58	4.85	5.43	6.10	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.34: Science Grade 6
Fall To N Fall Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth								
		Mean	SD		20	30	40	45	50	55	60	70	80
10	188.44	4.65	6.81	Student	-1.08	1.08	2.92	3.79	4.65	5.50	6.37	8.22	10.38
	196.04	3.31	2.05	School	1.58	2.23	2.79	3.05	3.31	3.57	3.83	4.39	5.04
15	191.39	4.42	6.81	Student	-1.31	0.85	2.70	3.57	4.42	5.28	6.15	7.99	10.15
	197.54	3.34	2.05	School	1.61	2.26	2.82	3.08	3.34	3.60	3.86	4.42	5.07
20	193.73	4.25	6.81	Student	-1.49	0.67	2.52	3.39	4.25	5.10	5.97	7.82	9.98
	198.73	3.37	2.05	School	1.64	2.29	2.85	3.11	3.37	3.62	3.89	4.44	5.09
25	195.74	4.09	6.81	Student	-1.64	0.52	2.37	3.24	4.09	4.95	5.82	7.66	9.82
	199.75	3.39	2.05	School	1.66	2.31	2.87	3.13	3.39	3.65	3.91	4.46	5.12
30	197.55	3.95	6.81	Student	-1.78	0.38	2.23	3.10	3.95	4.81	5.68	7.53	9.69
	200.66	3.41	2.05	School	1.68	2.33	2.89	3.15	3.41	3.66	3.93	4.48	5.13
35	199.22	3.83	6.81	Student	-1.90	0.26	2.10	2.97	3.83	4.68	5.55	7.40	9.56
	201.51	3.42	2.05	School	1.70	2.35	2.90	3.17	3.42	3.68	3.94	4.50	5.15
40	200.81	3.71	6.81	Student	-2.02	0.14	1.98	2.85	3.71	4.56	5.43	7.28	9.44
	202.32	3.44	2.05	School	1.71	2.36	2.92	3.18	3.44	3.70	3.96	4.52	5.17
45	202.35	3.59	6.81	Student	-2.14	0.02	1.86	2.73	3.59	4.44	5.31	7.16	9.32
	203.10	3.46	2.05	School	1.73	2.38	2.94	3.20	3.46	3.72	3.98	4.53	5.19
50	203.86	3.47	6.81	Student	-2.26	-0.10	1.75	2.62	3.47	4.33	5.20	7.04	9.20
	203.86	3.47	2.05	School	1.75	2.40	2.95	3.22	3.47	3.73	3.99	4.55	5.20
55	205.38	3.36	6.81	Student	-2.37	-0.21	1.63	2.50	3.36	4.21	5.08	6.93	9.09
	204.63	3.49	2.05	School	1.76	2.41	2.97	3.23	3.49	3.75	4.01	4.57	5.22
60	206.91	3.24	6.81	Student	-2.49	-0.33	1.52	2.39	3.24	4.10	4.97	6.81	8.97
	205.41	3.51	2.05	School	1.78	2.43	2.99	3.25	3.51	3.76	4.03	4.58	5.23
65	208.50	3.12	6.81	Student	-2.61	-0.45	1.40	2.26	3.12	3.98	4.85	6.69	8.85
	206.21	3.52	2.05	School	1.80	2.45	3.00	3.26	3.52	3.78	4.04	4.60	5.25
70	210.17	2.99	6.81	Student	-2.74	-0.58	1.27	2.14	2.99	3.85	4.72	6.56	8.72
	207.06	3.54	2.05	School	1.81	2.46	3.02	3.28	3.54	3.80	4.06	4.62	5.27
75	211.98	2.86	6.81	Student	-2.88	-0.72	1.13	2.00	2.86	3.71	4.58	6.43	8.59
	207.98	3.56	2.05	School	1.83	2.48	3.04	3.30	3.56	3.82	4.08	4.64	5.29
80	213.99	2.70	6.81	Student	-3.03	-0.87	0.98	1.85	2.70	3.56	4.43	6.27	8.43
	209.00	3.58	2.05	School	1.85	2.50	3.06	3.32	3.58	3.84	4.10	4.66	5.31
85	216.34	2.52	6.81	Student	-3.21	-1.05	0.80	1.67	2.52	3.38	4.25	6.09	8.25
	210.19	3.61	2.05	School	1.88	2.53	3.09	3.35	3.61	3.86	4.13	4.68	5.33
90	219.29	2.30	6.81	Student	-3.43	-1.27	0.57	1.44	2.30	3.15	4.02	5.87	8.03
	211.68	3.64	2.05	School	1.91	2.56	3.12	3.38	3.64	3.90	4.16	4.71	5.36

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.35: Science Grade 6
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth																
		Mean	SD		20	30	40	45	50	55	60	70	80								
10	191.86	2.39	5.55	Student	-2.28	-0.52	0.98	1.69	2.39	3.08	3.79	5.29	7.05								
	199.45	1.10	0.91	School	0.33	0.62	0.87	0.99	1.10	1.21	1.33	1.58	1.86								
15	194.81	2.16	5.55	Student	-2.51	-0.75	0.76	1.46	2.16	2.86	3.57	5.07	6.83								
	200.94	1.12	0.91	School	0.35	0.64	0.89	1.01	1.12	1.23	1.35	1.60	1.89								
20	197.15	1.98	5.55	Student	-2.69	-0.93	0.58	1.29	1.98	2.68	3.39	4.89	6.65								
	202.13	1.14	0.91	School	0.37	0.66	0.91	1.02	1.14	1.25	1.37	1.61	1.90								
25	199.15	1.83	5.55	Student	-2.84	-1.08	0.42	1.13	1.83	2.53	3.23	4.74	6.50								
	203.15	1.15	0.91	School	0.39	0.67	0.92	1.04	1.15	1.27	1.38	1.63	1.92								
30	200.96	1.69	5.55	Student	-2.98	-1.22	0.29	0.99	1.69	2.39	3.10	4.60	6.36								
	204.06	1.16	0.91	School	0.40	0.69	0.93	1.05	1.16	1.28	1.39	1.64	1.93								
35	202.63	1.56	5.55	Student	-3.11	-1.35	0.16	0.87	1.56	2.26	2.97	4.47	6.23								
	204.91	1.18	0.91	School	0.41	0.70	0.94	1.06	1.18	1.29	1.41	1.65	1.94								
40	204.22	1.44	5.55	Student	-3.23	-1.47	0.04	0.74	1.44	2.14	2.85	4.35	6.11								
	205.72	1.19	0.91	School	0.42	0.71	0.96	1.07	1.19	1.30	1.42	1.66	1.95								
45	205.75	1.32	5.55	Student	-3.34	-1.58	-0.08	0.63	1.32	2.02	2.73	4.23	5.99								
	206.49	1.20	0.91	School	0.43	0.72	0.97	1.08	1.20	1.31	1.43	1.67	1.96								
50	207.26	1.21	5.55	Student	-3.46	-1.70	-0.20	0.51	1.21	1.90	2.61	4.12	5.88								
	207.26	1.21	0.91	School	0.44	0.73	0.98	1.09	1.21	1.32	1.44	1.68	1.97								
55	208.77	1.09	5.55	Student	-3.57	-1.82	-0.31	0.40	1.09	1.79	2.50	4.00	5.76								
	208.03	1.22	0.91	School	0.45	0.74	0.99	1.10	1.22	1.33	1.45	1.70	1.98								
60	210.30	0.98	5.55	Student	-3.69	-1.93	-0.43	0.28	0.98	1.67	2.38	3.88	5.64								
	208.80	1.23	0.91	School	0.46	0.75	1.00	1.12	1.23	1.34	1.46	1.71	1.99								
65	211.89	0.85	5.55	Student	-3.81	-2.05	-0.55	0.16	0.85	1.55	2.26	3.76	5.52								
	209.61	1.24	0.91	School	0.48	0.76	1.01	1.13	1.24	1.36	1.47	1.72	2.01								
70	213.56	0.73	5.55	Student	-3.94	-2.18	-0.68	0.03	0.73	1.42	2.13	3.63	5.39								
	210.46	1.25	0.91	School	0.49	0.78	1.02	1.14	1.25	1.37	1.48	1.73	2.02								
75	215.37	0.59	5.55	Student	-4.08	-2.32	-0.82	-0.11	0.59	1.28	1.99	3.50	5.26								
	211.37	1.27	0.91	School	0.50	0.79	1.03	1.15	1.27	1.38	1.50	1.74	2.03								
80	217.37	0.43	5.55	Student	-4.23	-2.47	-0.97	-0.26	0.43	1.13	1.84	3.34	5.10								
	212.39	1.28	0.91	School	0.51	0.80	1.05	1.17	1.28	1.39	1.51	1.76	2.04								
85	219.72	0.26	5.55	Student	-4.41	-2.65	-1.15	-0.44	0.26	0.95	1.66	3.16	4.92								
	213.58	1.30	0.91	School	0.53	0.82	1.07	1.18	1.30	1.41	1.53	1.77	2.06								
90	222.66	0.03	5.55	Student	-4.64	-2.88	-1.38	-0.67	0.03	0.73	1.43	2.94	4.70								
	215.07	1.32	0.91	School	0.55	0.84	1.09	1.20	1.32	1.43	1.55	1.79	2.08								

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.36: Science Grade 7
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	189.41	5.78	6.10	Student	0.64	2.57	4.23	5.01	5.78	6.54	7.32	8.98	10.91	
	197.86	3.98	1.56	School	2.67	3.16	3.59	3.78	3.98	4.18	4.37	4.80	5.29	
15	192.54	5.39	6.10	Student	0.25	2.19	3.84	4.62	5.39	6.16	6.93	8.59	10.53	
	199.37	3.94	1.56	School	2.62	3.12	3.54	3.74	3.94	4.13	4.33	4.75	5.25	
20	195.02	5.08	6.10	Student	-0.06	1.88	3.53	4.31	5.08	5.85	6.63	8.28	10.22	
	200.57	3.90	1.56	School	2.59	3.08	3.51	3.71	3.90	4.10	4.30	4.72	5.21	
25	197.15	4.82	6.10	Student	-0.32	1.61	3.27	4.05	4.82	5.58	6.36	8.02	9.95	
	201.60	3.87	1.56	School	2.56	3.05	3.48	3.68	3.87	4.07	4.27	4.69	5.18	
30	199.07	4.58	6.10	Student	-0.56	1.38	3.03	3.81	4.58	5.35	6.13	7.78	9.72	
	202.52	3.84	1.56	School	2.53	3.03	3.45	3.65	3.84	4.04	4.24	4.66	5.15	
35	200.84	4.36	6.10	Student	-0.78	1.16	2.81	3.59	4.36	5.13	5.91	7.56	9.50	
	203.38	3.82	1.56	School	2.51	3.00	3.42	3.62	3.82	4.01	4.21	4.64	5.13	
40	202.52	4.15	6.10	Student	-0.99	0.95	2.60	3.38	4.15	4.92	5.70	7.35	9.29	
	204.19	3.80	1.56	School	2.48	2.98	3.40	3.60	3.80	3.99	4.19	4.61	5.11	
45	204.15	3.95	6.10	Student	-1.19	0.75	2.40	3.18	3.95	4.72	5.50	7.15	9.09	
	204.98	3.77	1.56	School	2.46	2.96	3.38	3.58	3.77	3.97	4.17	4.59	5.08	
50	205.75	3.75	6.10	Student	-1.39	0.55	2.20	2.98	3.75	4.52	5.30	6.95	8.89	
	205.75	3.75	1.56	School	2.44	2.93	3.36	3.55	3.75	3.95	4.14	4.57	5.06	
55	207.35	3.55	6.10	Student	-1.59	0.35	2.00	2.78	3.55	4.32	5.10	6.75	8.69	
	206.52	3.73	1.56	School	2.42	2.91	3.33	3.53	3.73	3.92	4.12	4.54	5.04	
60	208.98	3.35	6.10	Student	-1.79	0.15	1.80	2.58	3.35	4.12	4.90	6.55	8.49	
	207.31	3.70	1.56	School	2.39	2.89	3.31	3.51	3.70	3.90	4.10	4.52	5.02	
65	210.66	3.14	6.10	Student	-2.00	-0.06	1.59	2.37	3.14	3.91	4.69	6.34	8.28	
	208.12	3.68	1.56	School	2.37	2.86	3.29	3.49	3.68	3.88	4.08	4.50	4.99	
70	212.43	2.92	6.10	Student	-2.22	-0.28	1.37	2.15	2.92	3.69	4.47	6.12	8.06	
	208.98	3.66	1.56	School	2.34	2.84	3.26	3.46	3.66	3.85	4.05	4.47	4.97	
75	214.35	2.68	6.10	Student	-2.45	-0.52	1.14	1.92	2.68	3.45	4.23	5.88	7.82	
	209.90	3.63	1.56	School	2.32	2.81	3.23	3.43	3.63	3.82	4.02	4.45	4.94	
80	216.48	2.42	6.10	Student	-2.72	-0.78	0.87	1.65	2.42	3.19	3.97	5.62	7.56	
	210.93	3.60	1.56	School	2.29	2.78	3.20	3.40	3.60	3.79	3.99	4.42	4.91	
85	218.96	2.11	6.10	Student	-3.03	-1.09	0.56	1.34	2.11	2.88	3.66	5.31	7.25	
	212.13	3.56	1.56	School	2.25	2.75	3.17	3.37	3.56	3.76	3.96	4.38	4.87	
90	222.09	1.72	6.10	Student	-3.41	-1.48	0.18	0.96	1.72	2.49	3.27	4.93	6.86	
	213.64	3.52	1.56	School	2.21	2.70	3.13	3.32	3.52	3.72	3.91	4.34	4.83	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.37: Science Grade 7
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	189.49	4.26	7.75	Student	-2.27	0.19	2.30	3.29	4.26	5.23	6.22	8.33	10.79	
	198.69	0.75	2.67	School	-1.49	-0.65	0.08	0.42	0.75	1.09	1.43	2.15	2.99	
15	192.81	3.39	7.75	Student	-3.14	-0.68	1.42	2.41	3.39	4.36	5.35	7.45	9.91	
	200.25	0.55	2.67	School	-1.69	-0.85	-0.12	0.22	0.55	0.89	1.23	1.95	2.79	
20	195.45	2.70	7.75	Student	-3.83	-1.37	0.73	1.72	2.70	3.67	4.66	6.76	9.22	
	201.50	0.39	2.67	School	-1.85	-1.01	-0.28	0.06	0.39	0.73	1.07	1.79	2.63	
25	197.72	2.10	7.75	Student	-4.42	-1.97	0.14	1.13	2.10	3.08	4.07	6.17	8.63	
	202.56	0.25	2.67	School	-1.99	-1.14	-0.42	-0.08	0.25	0.59	0.93	1.65	2.50	
30	199.75	1.57	7.75	Student	-4.96	-2.50	-0.40	0.59	1.57	2.54	3.53	5.63	8.09	
	203.52	0.13	2.67	School	-2.11	-1.27	-0.54	-0.20	0.13	0.47	0.81	1.53	2.37	
35	201.64	1.07	7.75	Student	-5.45	-2.99	-0.89	0.10	1.07	2.05	3.04	5.14	7.60	
	204.40	0.02	2.67	School	-2.23	-1.38	-0.66	-0.32	0.02	0.35	0.69	1.42	2.26	
40	203.43	0.60	7.75	Student	-5.92	-3.46	-1.36	-0.37	0.60	1.58	2.57	4.67	7.13	
	205.25	-0.09	2.67	School	-2.33	-1.49	-0.77	-0.43	-0.09	0.24	0.59	1.31	2.15	
45	205.16	0.15	7.75	Student	-6.38	-3.92	-1.82	-0.83	0.15	1.12	2.11	4.22	6.68	
	206.06	-0.19	2.67	School	-2.44	-1.59	-0.87	-0.53	-0.19	0.14	0.48	1.20	2.05	
50	206.86	-0.30	7.75	Student	-6.82	-4.36	-2.26	-1.27	-0.30	0.68	1.67	3.77	6.23	
	206.86	-0.30	2.67	School	-2.54	-1.70	-0.97	-0.63	-0.30	0.04	0.38	1.10	1.95	
55	208.56	-0.74	7.75	Student	-7.27	-4.81	-2.71	-1.72	-0.74	0.23	1.22	3.32	5.78	
	207.66	-0.40	2.67	School	-2.64	-1.80	-1.08	-0.74	-0.40	-0.07	0.27	1.00	1.84	
60	210.30	-1.20	7.75	Student	-7.72	-5.26	-3.16	-2.17	-1.20	-0.22	0.77	2.87	5.33	
	208.48	-0.50	2.67	School	-2.75	-1.90	-1.18	-0.84	-0.50	-0.17	0.17	0.89	1.74	
65	212.08	-1.67	7.75	Student	-8.19	-5.73	-3.63	-2.64	-1.67	-0.69	0.30	2.40	4.86	
	209.32	-0.61	2.67	School	-2.86	-2.01	-1.29	-0.95	-0.61	-0.28	0.06	0.78	1.63	
70	213.97	-2.16	7.75	Student	-8.69	-6.23	-4.13	-3.14	-2.16	-1.19	-0.20	1.90	4.36	
	210.21	-0.73	2.67	School	-2.97	-2.12	-1.40	-1.06	-0.73	-0.39	-0.05	0.67	1.52	
75	216.00	-2.70	7.75	Student	-9.22	-6.76	-4.66	-3.67	-2.70	-1.72	-0.73	1.37	3.83	
	211.16	-0.85	2.67	School	-3.09	-2.25	-1.52	-1.18	-0.85	-0.51	-0.17	0.55	1.39	
80	218.27	-3.29	7.75	Student	-9.82	-7.36	-5.25	-4.26	-3.29	-2.32	-1.33	0.78	3.24	
	212.23	-0.99	2.67	School	-3.23	-2.38	-1.66	-1.32	-0.99	-0.65	-0.31	0.41	1.26	
85	220.91	-3.98	7.75	Student	-10.5	-8.05	-5.95	-4.96	-3.98	-3.01	-2.02	0.08	2.54	
	213.47	-1.15	2.67	School	-3.39	-2.54	-1.82	-1.48	-1.15	-0.81	-0.47	0.25	1.10	
90	224.23	-4.85	7.75	Student	-11.4	-8.92	-6.82	-5.83	-4.85	-3.88	-2.89	-0.79	1.67	
	215.03	-1.35	2.67	School	-3.59	-2.74	-2.02	-1.68	-1.35	-1.01	-0.67	0.05	0.90	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.38: Science Grade 7
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	189.49	6.54	6.64	Student	0.95	3.06	4.86	5.71	6.54	7.38	8.23	10.03	12.14	
	198.69	4.27	2.15	School	2.46	3.14	3.73	4.00	4.27	4.54	4.82	5.40	6.08	
15	192.81	6.01	6.64	Student	0.42	2.52	4.33	5.17	6.01	6.84	7.69	9.49	11.60	
	200.25	4.17	2.15	School	2.36	3.04	3.63	3.90	4.17	4.44	4.72	5.30	5.98	
20	195.45	5.58	6.64	Student	-0.01	2.10	3.90	4.75	5.58	6.42	7.27	9.07	11.18	
	201.50	4.09	2.15	School	2.28	2.96	3.55	3.82	4.09	4.36	4.64	5.22	5.90	
25	197.72	5.22	6.64	Student	-0.37	1.74	3.54	4.38	5.22	6.05	6.90	8.70	10.81	
	202.56	4.02	2.15	School	2.21	2.89	3.48	3.75	4.02	4.29	4.57	5.15	5.84	
30	199.75	4.89	6.64	Student	-0.70	1.41	3.21	4.06	4.89	5.73	6.58	8.38	10.48	
	203.52	3.96	2.15	School	2.15	2.83	3.42	3.69	3.96	4.23	4.51	5.09	5.78	
35	201.64	4.59	6.64	Student	-1.00	1.10	2.91	3.75	4.59	5.42	6.27	8.07	10.18	
	204.40	3.91	2.15	School	2.09	2.78	3.36	3.63	3.91	4.18	4.45	5.04	5.72	
40	203.43	4.30	6.64	Student	-1.29	0.82	2.62	3.47	4.30	5.14	5.98	7.79	9.89	
	205.25	3.85	2.15	School	2.04	2.72	3.31	3.58	3.85	4.12	4.40	4.98	5.66	
45	205.16	4.02	6.64	Student	-1.57	0.54	2.34	3.19	4.02	4.86	5.71	7.51	9.61	
	206.06	3.80	2.15	School	1.99	2.67	3.25	3.53	3.80	4.07	4.35	4.93	5.61	
50	206.86	3.75	6.64	Student	-1.84	0.26	2.06	2.91	3.75	4.58	5.43	7.23	9.34	
	206.86	3.75	2.15	School	1.94	2.62	3.20	3.48	3.75	4.02	4.29	4.88	5.56	
55	208.56	3.47	6.64	Student	-2.12	-0.01	1.79	2.64	3.47	4.31	5.16	6.96	9.07	
	207.66	3.70	2.15	School	1.88	2.57	3.15	3.43	3.70	3.97	4.24	4.83	5.51	
60	210.30	3.20	6.64	Student	-2.40	-0.29	1.51	2.36	3.20	4.03	4.88	6.68	8.79	
	208.48	3.64	2.15	School	1.83	2.52	3.10	3.37	3.64	3.92	4.19	4.77	5.46	
65	212.08	2.91	6.64	Student	-2.68	-0.58	1.22	2.07	2.91	3.74	4.59	6.39	8.50	
	209.32	3.59	2.15	School	1.78	2.46	3.05	3.32	3.59	3.86	4.14	4.72	5.40	
70	213.97	2.60	6.64	Student	-2.99	-0.88	0.92	1.77	2.60	3.44	4.29	6.09	8.20	
	210.21	3.53	2.15	School	1.72	2.40	2.99	3.26	3.53	3.80	4.08	4.66	5.35	
75	216.00	2.28	6.64	Student	-3.32	-1.21	0.59	1.44	2.28	3.11	3.96	5.76	7.87	
	211.16	3.47	2.15	School	1.66	2.34	2.93	3.20	3.47	3.74	4.02	4.60	5.29	
80	218.27	1.91	6.64	Student	-3.68	-1.57	0.23	1.08	1.91	2.75	3.60	5.40	7.50	
	212.23	3.40	2.15	School	1.59	2.28	2.86	3.13	3.40	3.68	3.95	4.53	5.22	
85	220.91	1.49	6.64	Student	-4.10	-2.00	-0.20	0.65	1.49	2.32	3.17	4.97	7.08	
	213.47	3.33	2.15	School	1.51	2.20	2.78	3.05	3.33	3.60	3.87	4.45	5.14	
90	224.23	0.95	6.64	Student	-4.64	-2.53	-0.73	0.12	0.95	1.79	2.64	4.44	6.54	
	215.03	3.23	2.15	School	1.41	2.10	2.68	2.95	3.23	3.50	3.77	4.35	5.04	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.39: Science Grade 7
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	190.35	4.62	5.78	Student	-0.24	1.59	3.16	3.89	4.62	5.35	6.08	7.65	9.48	
	198.67	3.07	1.22	School	2.05	2.43	2.76	2.92	3.07	3.23	3.38	3.71	4.10	
15	193.45	4.30	5.78	Student	-0.57	1.27	2.83	3.57	4.30	5.02	5.76	7.33	9.16	
	200.18	3.05	1.22	School	2.02	2.41	2.74	2.89	3.05	3.20	3.36	3.69	4.07	
20	195.92	4.04	5.78	Student	-0.82	1.01	2.58	3.32	4.04	4.77	5.51	7.07	8.91	
	201.38	3.03	1.22	School	2.00	2.39	2.72	2.87	3.03	3.18	3.33	3.66	4.05	
25	198.03	3.82	5.78	Student	-1.04	0.79	2.36	3.10	3.82	4.55	5.29	6.85	8.69	
	202.41	3.01	1.22	School	1.98	2.37	2.70	2.86	3.01	3.16	3.32	3.65	4.03	
30	199.93	3.63	5.78	Student	-1.24	0.59	2.16	2.90	3.63	4.35	5.09	6.66	8.49	
	203.33	2.99	1.22	School	1.97	2.35	2.68	2.84	2.99	3.15	3.30	3.63	4.02	
35	201.69	3.44	5.78	Student	-1.42	0.41	1.98	2.72	3.44	4.17	4.91	6.47	8.31	
	204.19	2.98	1.22	School	1.95	2.34	2.67	2.82	2.98	3.13	3.29	3.62	4.00	
40	203.36	3.27	5.78	Student	-1.59	0.24	1.80	2.54	3.27	3.99	4.73	6.30	8.13	
	205.00	2.96	1.22	School	1.94	2.32	2.65	2.81	2.96	3.12	3.27	3.60	3.99	
45	204.97	3.10	5.78	Student	-1.76	0.07	1.64	2.37	3.10	3.83	4.56	6.13	7.96	
	205.79	2.95	1.22	School	1.92	2.31	2.64	2.80	2.95	3.10	3.26	3.59	3.97	
50	206.56	2.94	5.78	Student	-1.93	-0.09	1.47	2.21	2.94	3.66	4.40	5.97	7.80	
	206.56	2.94	1.22	School	1.91	2.30	2.63	2.78	2.94	3.09	3.24	3.57	3.96	
55	208.15	2.77	5.78	Student	-2.09	-0.26	1.31	2.04	2.77	3.50	4.23	5.80	7.63	
	207.34	2.92	1.22	School	1.90	2.28	2.61	2.77	2.92	3.08	3.23	3.56	3.95	
60	209.77	2.60	5.78	Student	-2.26	-0.43	1.14	1.88	2.60	3.33	4.07	5.63	7.47	
	208.13	2.91	1.22	School	1.88	2.27	2.60	2.76	2.91	3.06	3.22	3.55	3.93	
65	211.44	2.43	5.78	Student	-2.43	-0.60	0.97	1.70	2.43	3.16	3.89	5.46	7.29	
	208.94	2.89	1.22	School	1.87	2.26	2.59	2.74	2.89	3.05	3.20	3.53	3.92	
70	213.20	2.25	5.78	Student	-2.62	-0.78	0.78	1.52	2.25	2.97	3.71	5.28	7.11	
	209.80	2.88	1.22	School	1.85	2.24	2.57	2.73	2.88	3.03	3.19	3.52	3.90	
75	215.10	2.05	5.78	Student	-2.81	-0.98	0.59	1.32	2.05	2.78	3.51	5.08	6.91	
	210.72	2.86	1.22	School	1.84	2.22	2.55	2.71	2.86	3.02	3.17	3.50	3.89	
80	217.21	1.83	5.78	Student	-3.03	-1.20	0.37	1.10	1.83	2.56	3.29	4.86	6.69	
	211.75	2.85	1.22	School	1.82	2.21	2.54	2.69	2.85	3.00	3.15	3.48	3.87	
85	219.68	1.57	5.78	Student	-3.29	-1.46	0.11	0.85	1.57	2.30	3.04	4.60	6.44	
	212.95	2.82	1.22	School	1.80	2.19	2.52	2.67	2.82	2.98	3.13	3.46	3.85	
90	222.78	1.25	5.78	Student	-3.61	-1.78	-0.21	0.52	1.25	1.98	2.72	4.28	6.11	
	214.46	2.80	1.22	School	1.77	2.16	2.49	2.65	2.80	2.95	3.11	3.44	3.82	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.40: Science Grade 7
Fall To Spring Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	190.35	5.95	6.99	Student	0.07	2.29	4.18	5.08	5.95	6.83	7.72	9.62	11.84	
	198.67	4.29	2.13	School	2.49	3.17	3.75	4.02	4.29	4.55	4.83	5.40	6.08	
15	193.45	5.59	6.99	Student	-0.29	1.92	3.82	4.71	5.59	6.47	7.36	9.25	11.47	
	200.18	4.24	2.13	School	2.45	3.12	3.70	3.97	4.24	4.51	4.78	5.36	6.03	
20	195.92	5.30	6.99	Student	-0.58	1.63	3.53	4.42	5.30	6.18	7.07	8.96	11.18	
	201.38	4.20	2.13	School	2.41	3.09	3.66	3.94	4.20	4.47	4.74	5.32	6.00	
25	198.03	5.05	6.99	Student	-0.83	1.38	3.28	4.17	5.05	5.93	6.82	8.72	10.93	
	202.41	4.17	2.13	School	2.38	3.06	3.63	3.90	4.17	4.44	4.71	5.29	5.97	
30	199.93	4.83	6.99	Student	-1.06	1.16	3.06	3.95	4.83	5.70	6.60	8.49	10.71	
	203.33	4.14	2.13	School	2.35	3.03	3.60	3.88	4.14	4.41	4.68	5.26	5.94	
35	201.69	4.62	6.99	Student	-1.26	0.95	2.85	3.74	4.62	5.50	6.39	8.28	10.50	
	204.19	4.12	2.13	School	2.33	3.00	3.58	3.85	4.12	4.39	4.66	5.24	5.91	
40	203.36	4.42	6.99	Student	-1.46	0.76	2.65	3.54	4.42	5.30	6.19	8.09	10.31	
	205.00	4.09	2.13	School	2.30	2.98	3.55	3.83	4.09	4.36	4.63	5.21	5.89	
45	204.97	4.23	6.99	Student	-1.65	0.57	2.46	3.35	4.23	5.11	6.00	7.90	10.12	
	205.79	4.07	2.13	School	2.28	2.95	3.53	3.80	4.07	4.34	4.61	5.19	5.86	
50	206.56	4.05	6.99	Student	-1.84	0.38	2.28	3.17	4.05	4.92	5.82	7.71	9.93	
	206.56	4.05	2.13	School	2.25	2.93	3.51	3.78	4.05	4.31	4.59	5.16	5.84	
55	208.15	3.86	6.99	Student	-2.02	0.19	2.09	2.98	3.86	4.74	5.63	7.52	9.74	
	207.34	4.02	2.13	School	2.23	2.91	3.48	3.75	4.02	4.29	4.56	5.14	5.82	
60	209.77	3.67	6.99	Student	-2.21	0.00	1.90	2.79	3.67	4.55	5.44	7.33	9.55	
	208.13	4.00	2.13	School	2.21	2.88	3.46	3.73	4.00	4.27	4.54	5.12	5.79	
65	211.44	3.47	6.99	Student	-2.41	-0.19	1.70	2.59	3.47	4.35	5.24	7.14	9.35	
	208.94	3.97	2.13	School	2.18	2.86	3.43	3.71	3.97	4.24	4.51	5.09	5.77	
70	213.20	3.27	6.99	Student	-2.62	-0.40	1.49	2.39	3.27	4.14	5.04	6.93	9.15	
	209.80	3.95	2.13	School	2.15	2.83	3.41	3.68	3.95	4.22	4.49	5.06	5.74	
75	215.10	3.04	6.99	Student	-2.84	-0.62	1.27	2.16	3.04	3.92	4.81	6.71	8.92	
	210.72	3.92	2.13	School	2.13	2.80	3.38	3.65	3.92	4.19	4.46	5.04	5.71	
80	217.21	2.79	6.99	Student	-3.09	-0.87	1.02	1.91	2.79	3.67	4.56	6.46	8.68	
	211.75	3.89	2.13	School	2.10	2.77	3.35	3.62	3.89	4.16	4.43	5.01	5.68	
85	219.68	2.50	6.99	Student	-3.38	-1.16	0.73	1.62	2.50	3.38	4.27	6.17	8.39	
	212.95	3.85	2.13	School	2.06	2.73	3.31	3.58	3.85	4.12	4.39	4.97	5.64	
90	222.78	2.14	6.99	Student	-3.74	-1.53	0.37	1.26	2.14	3.02	3.91	5.80	8.02	
	214.46	3.81	2.13	School	2.01	2.69	3.27	3.54	3.81	4.07	4.35	4.92	5.60	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.41: Science Grade 7
Fall To N Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	190.35	4.12	6.52	Student	-1.37	0.70	2.47	3.30	4.12	4.94	5.77	7.54	9.61	
	198.67	3.23	1.59	School	1.89	2.39	2.82	3.03	3.23	3.43	3.63	4.06	4.56	
15	193.45	3.96	6.52	Student	-1.53	0.53	2.30	3.14	3.96	4.78	5.61	7.38	9.45	
	200.18	3.23	1.59	School	1.90	2.40	2.83	3.03	3.23	3.43	3.64	4.07	4.57	
20	195.92	3.83	6.52	Student	-1.67	0.40	2.17	3.01	3.83	4.65	5.48	7.25	9.32	
	201.38	3.24	1.59	School	1.90	2.41	2.84	3.04	3.24	3.44	3.64	4.07	4.58	
25	198.03	3.71	6.52	Student	-1.78	0.29	2.06	2.89	3.71	4.53	5.37	7.13	9.20	
	202.41	3.24	1.59	School	1.91	2.41	2.84	3.04	3.24	3.44	3.65	4.08	4.58	
30	199.93	3.61	6.52	Student	-1.88	0.19	1.96	2.79	3.61	4.43	5.27	7.03	9.10	
	203.33	3.25	1.59	School	1.91	2.42	2.85	3.05	3.25	3.45	3.65	4.08	4.58	
35	201.69	3.52	6.52	Student	-1.97	0.10	1.87	2.70	3.52	4.34	5.17	6.94	9.01	
	204.19	3.25	1.59	School	1.92	2.42	2.85	3.05	3.25	3.45	3.65	4.08	4.59	
40	203.36	3.43	6.52	Student	-2.06	0.01	1.78	2.61	3.43	4.25	5.08	6.85	8.92	
	205.00	3.26	1.59	School	1.92	2.42	2.85	3.06	3.26	3.46	3.66	4.09	4.59	
45	204.97	3.35	6.52	Student	-2.14	-0.07	1.69	2.53	3.35	4.17	5.00	6.77	8.84	
	205.79	3.26	1.59	School	1.92	2.43	2.86	3.06	3.26	3.46	3.66	4.09	4.60	
50	206.56	3.26	6.52	Student	-2.23	-0.16	1.61	2.44	3.26	4.08	4.92	6.68	8.75	
	206.56	3.26	1.59	School	1.93	2.43	2.86	3.06	3.26	3.46	3.67	4.10	4.60	
55	208.15	3.18	6.52	Student	-2.31	-0.24	1.53	2.36	3.18	4.00	4.83	6.60	8.67	
	207.34	3.27	1.59	School	1.93	2.43	2.86	3.07	3.27	3.47	3.67	4.10	4.60	
60	209.77	3.09	6.52	Student	-2.40	-0.33	1.44	2.27	3.09	3.91	4.75	6.51	8.58	
	208.13	3.27	1.59	School	1.93	2.44	2.87	3.07	3.27	3.47	3.67	4.10	4.61	
65	211.44	3.01	6.52	Student	-2.49	-0.42	1.35	2.19	3.01	3.82	4.66	6.43	8.50	
	208.94	3.27	1.59	School	1.94	2.44	2.87	3.07	3.27	3.47	3.68	4.11	4.61	
70	213.20	2.91	6.52	Student	-2.58	-0.51	1.26	2.09	2.91	3.73	4.57	6.33	8.40	
	209.80	3.28	1.59	School	1.94	2.44	2.88	3.08	3.28	3.48	3.68	4.11	4.61	
75	215.10	2.81	6.52	Student	-2.68	-0.61	1.16	1.99	2.81	3.63	4.46	6.23	8.30	
	210.72	3.28	1.59	School	1.95	2.45	2.88	3.08	3.28	3.48	3.68	4.11	4.62	
80	217.21	2.70	6.52	Student	-2.79	-0.72	1.05	1.88	2.70	3.52	4.35	6.12	8.19	
	211.75	3.29	1.59	School	1.95	2.45	2.88	3.09	3.29	3.49	3.69	4.12	4.62	
85	219.68	2.57	6.52	Student	-2.92	-0.85	0.92	1.75	2.57	3.39	4.22	5.99	8.06	
	212.95	3.29	1.59	School	1.96	2.46	2.89	3.09	3.29	3.49	3.69	4.12	4.63	
90	222.78	2.41	6.52	Student	-3.08	-1.01	0.75	1.59	2.41	3.23	4.06	5.83	7.90	
	214.46	3.30	1.59	School	1.96	2.47	2.90	3.10	3.30	3.50	3.70	4.13	4.64	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.42: Science Grade 7
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth																		
		Mean	SD		20	30	40	45	50	55	60	70	80										
10	193.19	2.13	5.58	Student	-2.57	-0.80	0.71	1.43	2.13	2.83	3.54	5.05	6.82										
	201.58	0.98	0.91	School	0.21	0.50	0.75	0.87	0.98	1.10	1.21	1.46	1.75										
15	196.31	1.93	5.58	Student	-2.76	-0.99	0.52	1.23	1.93	2.63	3.35	4.86	6.63										
	203.10	1.01	0.91	School	0.24	0.53	0.77	0.89	1.01	1.12	1.24	1.48	1.77										
20	198.79	1.78	5.58	Student	-2.92	-1.15	0.36	1.08	1.78	2.48	3.19	4.70	6.47										
	204.30	1.03	0.91	School	0.26	0.55	0.79	0.91	1.03	1.14	1.26	1.50	1.79										
25	200.92	1.65	5.58	Student	-3.05	-1.28	0.23	0.94	1.65	2.35	3.06	4.57	6.34										
	205.33	1.04	0.91	School	0.27	0.56	0.81	0.93	1.04	1.16	1.27	1.52	1.81										
30	202.83	1.53	5.58	Student	-3.17	-1.40	0.11	0.83	1.53	2.23	2.94	4.45	6.22										
	206.26	1.06	0.91	School	0.29	0.58	0.83	0.94	1.06	1.17	1.29	1.54	1.82										
35	204.60	1.42	5.58	Student	-3.28	-1.51	0.00	0.71	1.42	2.12	2.83	4.34	6.11										
	207.12	1.07	0.91	School	0.30	0.59	0.84	0.96	1.07	1.19	1.30	1.55	1.84										
40	206.28	1.31	5.58	Student	-3.38	-1.61	-0.10	0.61	1.31	2.01	2.72	4.24	6.00										
	207.93	1.08	0.91	School	0.32	0.61	0.85	0.97	1.08	1.20	1.32	1.56	1.85										
45	207.90	1.21	5.58	Student	-3.48	-1.71	-0.20	0.51	1.21	1.91	2.62	4.13	5.90										
	208.72	1.10	0.91	School	0.33	0.62	0.87	0.98	1.10	1.21	1.33	1.58	1.86										
50	209.50	1.11	5.58	Student	-3.58	-1.81	-0.30	0.41	1.11	1.81	2.52	4.03	5.80										
	209.50	1.11	0.91	School	0.34	0.63	0.88	1.00	1.11	1.22	1.34	1.59	1.88										
55	211.10	1.01	5.58	Student	-3.68	-1.91	-0.40	0.31	1.01	1.71	2.42	3.94	5.70										
	210.28	1.12	0.91	School	0.36	0.64	0.89	1.01	1.12	1.24	1.35	1.60	1.89										
60	212.72	0.91	5.58	Student	-3.78	-2.02	-0.50	0.21	0.91	1.61	2.32	3.83	5.60										
	211.06	1.14	0.91	School	0.37	0.66	0.90	1.02	1.14	1.25	1.37	1.61	1.90										
65	214.40	0.80	5.58	Student	-3.89	-2.12	-0.61	0.10	0.80	1.51	2.22	3.73	5.50										
	211.88	1.15	0.91	School	0.38	0.67	0.92	1.03	1.15	1.26	1.38	1.63	1.92										
70	216.17	0.69	5.58	Student	-4.00	-2.23	-0.72	-0.01	0.69	1.39	2.11	3.62	5.39										
	212.74	1.16	0.91	School	0.40	0.68	0.93	1.05	1.16	1.28	1.39	1.64	1.93										
75	218.08	0.58	5.58	Student	-4.12	-2.35	-0.84	-0.13	0.58	1.28	1.99	3.50	5.27										
	213.67	1.18	0.91	School	0.41	0.70	0.95	1.06	1.18	1.29	1.41	1.66	1.95										
80	220.21	0.44	5.58	Student	-4.25	-2.48	-0.97	-0.26	0.44	1.14	1.86	3.37	5.14										
	214.70	1.20	0.91	School	0.43	0.72	0.96	1.08	1.20	1.31	1.43	1.67	1.96										
85	222.69	0.29	5.58	Student	-4.41	-2.64	-1.12	-0.41	0.29	0.99	1.70	3.21	4.98										
	215.90	1.21	0.91	School	0.45	0.74	0.98	1.10	1.21	1.33	1.45	1.69	1.98										
90	225.81	0.09	5.58	Student	-4.60	-2.83	-1.32	-0.61	0.09	0.79	1.51	3.02	4.79										
	217.42	1.24	0.91	School	0.47	0.76	1.01	1.12	1.24	1.35	1.47	1.72	2.01										

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.43: Science Grade 8
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth		Conditional Growth										
	RIT	Mean	SD	CGP CGI	20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84
10	192.67	5.10	6.55	Student	-0.41	1.67	3.45	4.28	5.10	5.93	6.76	8.54	10.62
	201.10	3.41	1.54	School	2.12	2.60	3.02	3.22	3.41	3.60	3.80	4.21	4.70
15	195.81	4.77	6.55	Student	-0.75	1.33	3.11	3.94	4.77	5.59	6.43	8.20	10.28
	202.63	3.39	1.54	School	2.10	2.59	3.00	3.20	3.39	3.59	3.78	4.20	4.69
20	198.30	4.50	6.55	Student	-1.02	1.06	2.84	3.67	4.50	5.32	6.16	7.93	10.01
	203.84	3.38	1.54	School	2.09	2.58	2.99	3.19	3.38	3.57	3.77	4.19	4.67
25	200.44	4.26	6.55	Student	-1.25	0.83	2.60	3.44	4.26	5.09	5.92	7.70	9.78
	204.88	3.37	1.54	School	2.08	2.57	2.98	3.18	3.37	3.56	3.76	4.18	4.66
30	202.37	4.06	6.55	Student	-1.46	0.62	2.40	3.23	4.06	4.88	5.72	7.49	9.57
	205.82	3.36	1.54	School	2.07	2.56	2.97	3.17	3.36	3.56	3.75	4.17	4.66
35	204.15	3.86	6.55	Student	-1.65	0.43	2.20	3.04	3.86	4.69	5.52	7.30	9.38
	206.68	3.35	1.54	School	2.06	2.55	2.96	3.16	3.35	3.55	3.74	4.16	4.65
40	205.84	3.68	6.55	Student	-1.83	0.25	2.02	2.86	3.68	4.50	5.34	7.12	9.19
	207.50	3.35	1.54	School	2.05	2.54	2.96	3.15	3.35	3.54	3.73	4.15	4.64
45	207.47	3.50	6.55	Student	-2.01	0.07	1.84	2.68	3.50	4.33	5.16	6.94	9.02
	208.30	3.34	1.54	School	2.04	2.53	2.95	3.14	3.34	3.53	3.73	4.14	4.63
50	209.08	3.33	6.55	Student	-2.18	-0.11	1.67	2.51	3.33	4.15	4.99	6.77	8.84
	209.08	3.33	1.54	School	2.04	2.52	2.94	3.14	3.33	3.52	3.72	4.14	4.62
55	210.69	3.16	6.55	Student	-2.36	-0.28	1.50	2.33	3.16	3.98	4.82	6.59	8.67
	209.86	3.32	1.54	School	2.03	2.52	2.93	3.13	3.32	3.52	3.71	4.13	4.62
60	212.33	2.98	6.55	Student	-2.53	-0.46	1.32	2.16	2.98	3.80	4.64	6.41	8.49
	210.66	3.31	1.54	School	2.02	2.51	2.93	3.12	3.31	3.51	3.70	4.12	4.61
65	214.02	2.80	6.55	Student	-2.72	-0.64	1.14	1.97	2.80	3.62	4.46	6.23	8.31
	211.48	3.31	1.54	School	2.01	2.50	2.92	3.11	3.31	3.50	3.70	4.11	4.60
70	215.80	2.60	6.55	Student	-2.91	-0.83	0.94	1.78	2.60	3.43	4.26	6.04	8.12
	212.35	3.30	1.54	School	2.01	2.49	2.91	3.11	3.30	3.49	3.69	4.10	4.59
75	217.72	2.40	6.55	Student	-3.12	-1.04	0.74	1.57	2.40	3.22	4.06	5.83	7.91
	213.28	3.29	1.54	School	2.00	2.48	2.90	3.10	3.29	3.48	3.68	4.09	4.58
80	219.86	2.16	6.55	Student	-3.35	-1.27	0.50	1.34	2.16	2.99	3.82	5.60	7.68
	214.32	3.28	1.54	School	1.99	2.47	2.89	3.09	3.28	3.47	3.67	4.08	4.57
85	222.36	1.89	6.55	Student	-3.62	-1.54	0.24	1.07	1.89	2.72	3.55	5.33	7.41
	215.54	3.27	1.54	School	1.97	2.46	2.88	3.07	3.27	3.46	3.66	4.07	4.56
90	225.50	1.56	6.55	Student	-3.96	-1.88	-0.10	0.73	1.56	2.38	3.22	4.99	7.07
	217.06	3.25	1.54	School	1.96	2.45	2.86	3.06	3.25	3.44	3.64	4.06	4.54

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.44: Science Grade 8
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	192.55	3.53	7.98	Student	-3.18	-0.65	1.51	2.53	3.53	4.54	5.55	7.72	10.25	
	201.61	0.38	2.29	School	-1.55	-0.82	-0.20	0.09	0.38	0.67	0.96	1.58	2.31	
15	195.87	2.81	7.98	Student	-3.90	-1.37	0.79	1.81	2.81	3.81	4.83	6.99	9.52	
	203.19	0.26	2.29	School	-1.67	-0.94	-0.32	-0.03	0.26	0.55	0.84	1.46	2.19	
20	198.50	2.24	7.98	Student	-4.48	-1.95	0.22	1.23	2.24	3.24	4.26	6.42	8.95	
	204.45	0.17	2.29	School	-1.76	-1.03	-0.41	-0.12	0.17	0.45	0.75	1.37	2.09	
25	200.76	1.74	7.98	Student	-4.97	-2.44	-0.28	0.74	1.74	2.75	3.77	5.93	8.46	
	205.53	0.08	2.29	School	-1.84	-1.12	-0.50	-0.20	0.08	0.37	0.66	1.29	2.01	
30	202.79	1.30	7.98	Student	-5.41	-2.88	-0.72	0.30	1.30	2.30	3.32	5.49	8.02	
	206.50	0.01	2.29	School	-1.91	-1.19	-0.57	-0.28	0.01	0.30	0.59	1.21	1.94	
35	204.68	0.89	7.98	Student	-5.82	-3.29	-1.13	-0.11	0.89	1.89	2.91	5.08	7.61	
	207.40	-0.06	2.29	School	-1.98	-1.26	-0.64	-0.34	-0.06	0.23	0.52	1.14	1.87	
40	206.46	0.50	7.98	Student	-6.21	-3.68	-1.52	-0.50	0.50	1.51	2.52	4.69	7.22	
	208.25	-0.12	2.29	School	-2.05	-1.32	-0.70	-0.41	-0.12	0.17	0.46	1.08	1.81	
45	208.19	0.13	7.98	Student	-6.59	-4.06	-1.89	-0.88	0.13	1.13	2.15	4.31	6.84	
	209.08	-0.18	2.29	School	-2.11	-1.38	-0.76	-0.47	-0.18	0.11	0.40	1.02	1.74	
50	209.89	-0.24	7.98	Student	-6.96	-4.43	-2.26	-1.25	-0.24	0.76	1.78	3.94	6.47	
	209.89	-0.24	2.29	School	-2.17	-1.44	-0.82	-0.53	-0.24	0.04	0.34	0.96	1.68	
55	211.59	-0.61	7.98	Student	-7.33	-4.80	-2.63	-1.62	-0.61	0.39	1.41	3.57	6.10	
	210.70	-0.30	2.29	School	-2.23	-1.51	-0.88	-0.59	-0.30	-0.02	0.28	0.90	1.62	
60	213.31	-0.99	7.98	Student	-7.70	-5.17	-3.01	-1.99	-0.99	0.01	1.03	3.19	5.72	
	211.52	-0.37	2.29	School	-2.29	-1.57	-0.95	-0.65	-0.37	-0.08	0.21	0.83	1.56	
65	215.10	-1.38	7.98	Student	-8.09	-5.56	-3.40	-2.38	-1.38	-0.38	0.64	2.80	5.33	
	212.38	-0.43	2.29	School	-2.36	-1.63	-1.01	-0.72	-0.43	-0.14	0.15	0.77	1.50	
70	216.98	-1.79	7.98	Student	-8.50	-5.97	-3.81	-2.79	-1.79	-0.79	0.23	2.39	4.93	
	213.27	-0.50	2.29	School	-2.43	-1.70	-1.08	-0.79	-0.50	-0.21	0.08	0.70	1.43	
75	219.01	-2.23	7.98	Student	-8.95	-6.41	-4.25	-3.23	-2.23	-1.23	-0.21	1.95	4.48	
	214.24	-0.57	2.29	School	-2.50	-1.77	-1.15	-0.86	-0.57	-0.28	0.01	0.63	1.35	
80	221.27	-2.72	7.98	Student	-9.44	-6.91	-4.74	-3.73	-2.72	-1.72	-0.70	1.46	3.99	
	215.32	-0.65	2.29	School	-2.58	-1.85	-1.23	-0.94	-0.65	-0.37	-0.07	0.55	1.27	
85	223.91	-3.30	7.98	Student	-10.0	-7.48	-5.32	-4.30	-3.30	-2.30	-1.28	0.89	3.42	
	216.58	-0.75	2.29	School	-2.67	-1.95	-1.33	-1.04	-0.75	-0.46	-0.17	0.45	1.18	
90	227.22	-4.02	7.98	Student	-10.7	-8.20	-6.04	-5.02	-4.02	-3.02	-2.00	0.16	2.69	
	218.17	-0.87	2.29	School	-2.79	-2.07	-1.45	-1.16	-0.87	-0.58	-0.29	0.33	1.06	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.45: Science Grade 8
Last Spring To Spring Conditional Growth Percentile

Start Status	Growth	Conditional Growth											
		CGP	20	30	40	45	50	55	60	70	80		
%ile	RIT	Mean	SD	CGI	-0.84	-0.52	-0.25	-0.13	0.00	0.13	0.25	0.52	0.84
10	192.55	6.20	7.40	Student	-0.03	2.32	4.32	5.27	6.20	7.13	8.07	10.07	12.42
	201.61	4.01	2.18	School	2.17	2.87	3.46	3.74	4.01	4.28	4.56	5.15	5.85
15	195.87	5.69	7.40	Student	-0.54	1.81	3.82	4.76	5.69	6.62	7.56	9.57	11.91
	203.19	3.92	2.18	School	2.09	2.78	3.37	3.65	3.92	4.20	4.48	5.07	5.76
20	198.50	5.29	7.40	Student	-0.94	1.41	3.41	4.36	5.29	6.22	7.16	9.17	11.51
	204.45	3.85	2.18	School	2.02	2.71	3.30	3.58	3.85	4.13	4.41	5.00	5.69
25	200.76	4.94	7.40	Student	-1.28	1.06	3.07	4.01	4.94	5.87	6.82	8.82	11.17
	205.53	3.79	2.18	School	1.96	2.65	3.24	3.52	3.79	4.07	4.35	4.94	5.63
30	202.79	4.63	7.40	Student	-1.59	0.75	2.76	3.70	4.63	5.56	6.51	8.51	10.86
	206.50	3.74	2.18	School	1.90	2.59	3.19	3.46	3.74	4.01	4.29	4.88	5.58
35	204.68	4.35	7.40	Student	-1.88	0.47	2.47	3.42	4.35	5.28	6.22	8.22	10.57
	207.40	3.69	2.18	School	1.85	2.54	3.14	3.41	3.69	3.96	4.24	4.83	5.53
40	206.46	4.07	7.40	Student	-2.15	0.19	2.20	3.14	4.07	5.00	5.95	7.95	10.30
	208.25	3.64	2.18	School	1.80	2.50	3.09	3.37	3.64	3.92	4.19	4.79	5.48
45	208.19	3.81	7.40	Student	-2.42	-0.07	1.94	2.88	3.81	4.74	5.68	7.69	10.03
	209.08	3.60	2.18	School	1.76	2.45	3.04	3.32	3.60	3.87	4.15	4.74	5.43
50	209.89	3.55	7.40	Student	-2.67	-0.33	1.68	2.62	3.55	4.48	5.42	7.43	9.78
	209.89	3.55	2.18	School	1.71	2.41	3.00	3.28	3.55	3.82	4.10	4.69	5.39
55	211.59	3.29	7.40	Student	-2.93	-0.59	1.42	2.36	3.29	4.22	5.16	7.17	9.52
	210.70	3.51	2.18	School	1.67	2.36	2.95	3.23	3.51	3.78	4.06	4.65	5.34
60	213.31	3.03	7.40	Student	-3.20	-0.85	1.15	2.10	3.03	3.96	4.90	6.91	9.25
	211.52	3.46	2.18	School	1.62	2.31	2.91	3.19	3.46	3.73	4.01	4.60	5.30
65	215.10	2.75	7.40	Student	-3.47	-1.12	0.88	1.83	2.75	3.68	4.63	6.63	8.98
	212.38	3.41	2.18	School	1.58	2.27	2.86	3.14	3.41	3.69	3.96	4.56	5.25
70	216.98	2.47	7.40	Student	-3.76	-1.41	0.59	1.54	2.47	3.40	4.34	6.35	8.69
	213.27	3.36	2.18	School	1.53	2.22	2.81	3.09	3.36	3.64	3.92	4.51	5.20
75	219.01	2.16	7.40	Student	-4.07	-1.72	0.28	1.23	2.16	3.09	4.03	6.04	8.38
	214.24	3.31	2.18	School	1.47	2.16	2.76	3.03	3.31	3.58	3.86	4.45	5.15
80	221.27	1.81	7.40	Student	-4.41	-2.07	-0.06	0.88	1.81	2.74	3.69	5.69	8.04
	215.32	3.25	2.18	School	1.41	2.10	2.70	2.97	3.25	3.52	3.80	4.39	5.09
85	223.91	1.41	7.40	Student	-4.81	-2.47	-0.46	0.48	1.41	2.34	3.28	5.29	7.64
	216.58	3.18	2.18	School	1.34	2.03	2.63	2.90	3.18	3.45	3.73	4.32	5.02
90	227.22	0.90	7.40	Student	-5.32	-2.97	-0.97	-0.02	0.90	1.83	2.78	4.78	7.13
	218.17	3.09	2.18	School	1.25	1.95	2.54	2.82	3.09	3.36	3.64	4.23	4.93

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.46: Science Grade 8
Fall To Winter Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	192.66	4.72 6.00	Student	-0.32	1.58	3.21	3.97	4.72	5.48	6.24	7.87	9.77	
	201.45	2.97 1.22	School	1.95	2.33	2.66	2.82	2.97	3.13	3.28	3.61	4.00	
15	195.91	4.35 6.00	Student	-0.70	1.21	2.83	3.60	4.35	5.10	5.87	7.50	9.40	
	203.02	2.93 1.22	School	1.91	2.29	2.62	2.78	2.93	3.09	3.24	3.57	3.96	
20	198.49	4.05 6.00	Student	-0.99	0.91	2.53	3.30	4.05	4.81	5.57	7.20	9.10	
	204.26	2.90 1.22	School	1.88	2.26	2.59	2.75	2.90	3.06	3.21	3.54	3.93	
25	200.71	3.80 6.00	Student	-1.25	0.65	2.28	3.04	3.80	4.55	5.32	6.94	8.85	
	205.33	2.88 1.22	School	1.85	2.24	2.57	2.72	2.88	3.03	3.19	3.52	3.90	
30	202.70	3.57 6.00	Student	-1.48	0.42	2.05	2.82	3.57	4.32	5.09	6.71	8.62	
	206.29	2.85 1.22	School	1.82	2.21	2.54	2.70	2.85	3.01	3.16	3.49	3.88	
35	204.54	3.36 6.00	Student	-1.69	0.21	1.84	2.60	3.36	4.11	4.88	6.50	8.40	
	207.18	2.83 1.22	School	1.80	2.19	2.52	2.68	2.83	2.98	3.14	3.47	3.86	
40	206.29	3.16 6.00	Student	-1.89	0.01	1.64	2.40	3.16	3.91	4.67	6.30	8.20	
	208.02	2.81 1.22	School	1.78	2.17	2.50	2.66	2.81	2.96	3.12	3.45	3.84	
45	207.98	2.96 6.00	Student	-2.09	-0.18	1.44	2.21	2.96	3.71	4.48	6.11	8.01	
	208.84	2.79 1.22	School	1.76	2.15	2.48	2.64	2.79	2.94	3.10	3.43	3.82	
50	209.64	2.77 6.00	Student	-2.28	-0.38	1.25	2.02	2.77	3.52	4.29	5.91	7.82	
	209.64	2.77 1.22	School	1.74	2.13	2.46	2.62	2.77	2.92	3.08	3.41	3.80	
55	211.31	2.58 6.00	Student	-2.47	-0.57	1.06	1.82	2.58	3.33	4.10	5.72	7.62	
	210.45	2.75 1.22	School	1.72	2.11	2.44	2.60	2.75	2.90	3.06	3.39	3.78	
60	213.00	2.38 6.00	Student	-2.66	-0.76	0.86	1.63	2.38	3.14	3.90	5.53	7.43	
	211.26	2.73 1.22	School	1.70	2.09	2.42	2.57	2.73	2.88	3.04	3.37	3.76	
65	214.75	2.18 6.00	Student	-2.87	-0.96	0.66	1.43	2.18	2.93	3.70	5.32	7.23	
	212.11	2.71 1.22	School	1.68	2.07	2.40	2.55	2.71	2.86	3.02	3.35	3.74	
70	216.59	1.97 6.00	Student	-3.08	-1.18	0.45	1.21	1.97	2.72	3.49	5.11	7.01	
	213.00	2.68 1.22	School	1.66	2.04	2.38	2.53	2.68	2.84	2.99	3.33	3.71	
75	218.58	1.74 6.00	Student	-3.31	-1.41	0.22	0.99	1.74	2.49	3.26	4.88	6.79	
	213.96	2.66 1.22	School	1.63	2.02	2.35	2.51	2.66	2.81	2.97	3.30	3.69	
80	220.80	1.48 6.00	Student	-3.56	-1.66	-0.04	0.73	1.48	2.24	3.00	4.63	6.53	
	215.03	2.63 1.22	School	1.61	1.99	2.32	2.48	2.63	2.79	2.94	3.27	3.66	
85	223.38	1.19 6.00	Student	-3.86	-1.96	-0.33	0.43	1.19	1.94	2.71	4.33	6.23	
	216.27	2.60 1.22	School	1.57	1.96	2.29	2.45	2.60	2.76	2.91	3.24	3.63	
90	226.62	0.81 6.00	Student	-4.23	-2.33	-0.71	0.06	0.81	1.57	2.33	3.96	5.86	
	217.84	2.56 1.22	School	1.54	1.92	2.25	2.41	2.56	2.72	2.87	3.20	3.59	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.47: Science Grade 8
Fall To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth								
		Mean	SD		CGI	20	30	40	45	50	55	60	70
10	192.66	6.22	7.56	Student	-0.14	2.26	4.31	5.27	6.22	7.17	8.14	10.19	12.59
	201.45	4.15	2.14	School	2.35	3.03	3.61	3.88	4.15	4.42	4.69	5.27	5.95
15	195.91	5.76	7.56	Student	-0.61	1.79	3.84	4.81	5.76	6.71	7.68	9.72	12.12
	203.02	4.08	2.14	School	2.29	2.96	3.54	3.81	4.08	4.35	4.62	5.20	5.88
20	198.49	5.39	7.56	Student	-0.97	1.42	3.47	4.44	5.39	6.34	7.31	9.36	11.75
	204.26	4.03	2.14	School	2.23	2.91	3.49	3.76	4.03	4.30	4.57	5.15	5.83
25	200.71	5.07	7.56	Student	-1.29	1.11	3.16	4.12	5.07	6.02	6.99	9.04	11.44
	205.33	3.98	2.14	School	2.18	2.86	3.44	3.71	3.98	4.25	4.52	5.10	5.78
30	202.70	4.79	7.56	Student	-1.58	0.82	2.87	3.84	4.79	5.74	6.70	8.75	11.15
	206.29	3.94	2.14	School	2.14	2.82	3.40	3.67	3.94	4.21	4.48	5.06	5.74
35	204.54	4.52	7.56	Student	-1.84	0.56	2.61	3.57	4.52	5.47	6.44	8.49	10.89
	207.18	3.90	2.14	School	2.10	2.78	3.36	3.63	3.90	4.17	4.44	5.02	5.70
40	206.29	4.27	7.56	Student	-2.09	0.31	2.36	3.32	4.27	5.22	6.19	8.24	10.64
	208.02	3.86	2.14	School	2.07	2.74	3.32	3.60	3.86	4.13	4.41	4.98	5.66
45	207.98	4.03	7.56	Student	-2.33	0.07	2.12	3.08	4.03	4.98	5.95	8.00	10.40
	208.84	3.83	2.14	School	2.03	2.71	3.29	3.56	3.83	4.10	4.37	4.95	5.63
50	209.64	3.79	7.56	Student	-2.57	-0.17	1.88	2.84	3.79	4.74	5.71	7.76	10.16
	209.64	3.79	2.14	School	2.00	2.67	3.25	3.53	3.79	4.06	4.34	4.91	5.59
55	211.31	3.56	7.56	Student	-2.81	-0.41	1.64	2.61	3.56	4.51	5.47	7.52	9.92
	210.45	3.76	2.14	School	1.96	2.64	3.22	3.49	3.76	4.03	4.30	4.88	5.56
60	213.00	3.31	7.56	Student	-3.05	-0.65	1.40	2.36	3.31	4.26	5.23	7.28	9.68
	211.26	3.72	2.14	School	1.92	2.60	3.18	3.45	3.72	3.99	4.26	4.84	5.52
65	214.75	3.06	7.56	Student	-3.30	-0.90	1.15	2.11	3.06	4.01	4.98	7.03	9.43
	212.11	3.69	2.14	School	1.89	2.57	3.14	3.42	3.69	3.95	4.23	4.81	5.48
70	216.59	2.80	7.56	Student	-3.57	-1.17	0.88	1.85	2.80	3.75	4.72	6.76	9.16
	213.00	3.65	2.14	School	1.85	2.53	3.11	3.38	3.65	3.92	4.19	4.77	5.45
75	218.58	2.51	7.56	Student	-3.85	-1.45	0.60	1.56	2.51	3.47	4.43	6.48	8.88
	213.96	3.61	2.14	School	1.81	2.48	3.06	3.34	3.61	3.87	4.15	4.73	5.40
80	220.80	2.20	7.56	Student	-4.17	-1.77	0.28	1.25	2.20	3.15	4.11	6.16	8.56
	215.03	3.56	2.14	School	1.76	2.44	3.02	3.29	3.56	3.83	4.10	4.68	5.36
85	223.38	1.83	7.56	Student	-4.54	-2.14	-0.09	0.88	1.83	2.78	3.74	5.79	8.19
	216.27	3.50	2.14	School	1.71	2.38	2.96	3.24	3.50	3.77	4.05	4.62	5.30
90	226.62	1.36	7.56	Student	-5.00	-2.60	-0.55	0.41	1.36	2.31	3.28	5.33	7.73
	217.84	3.44	2.14	School	1.64	2.32	2.89	3.17	3.44	3.70	3.98	4.56	5.23

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.48: Science Grade 8
Fall To N Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth																
		Mean	SD		20	30	40	45	50	55	60	70	80								
10	192.66	1.94	7.20	Student	-4.12	-1.84	0.12	1.03	1.94	2.84	3.76	5.71	8.00								
	201.45	1.81	1.67	School	0.41	0.94	1.39	1.61	1.81	2.02	2.24	2.69	3.22								
15	195.91	2.03	7.20	Student	-4.03	-1.74	0.21	1.13	2.03	2.93	3.85	5.80	8.09								
	203.02	1.93	1.67	School	0.53	1.06	1.51	1.72	1.93	2.14	2.35	2.80	3.33								
20	198.49	2.10	7.20	Student	-3.96	-1.67	0.28	1.20	2.10	3.01	3.93	5.88	8.16								
	204.26	2.02	1.67	School	0.62	1.15	1.60	1.81	2.02	2.23	2.44	2.89	3.42								
25	200.71	2.16	7.20	Student	-3.89	-1.61	0.34	1.26	2.16	3.07	3.99	5.94	8.22								
	205.33	2.10	1.67	School	0.70	1.22	1.68	1.89	2.10	2.31	2.52	2.97	3.50								
30	202.70	2.22	7.20	Student	-3.84	-1.56	0.40	1.32	2.22	3.12	4.04	5.99	8.28								
	206.29	2.17	1.67	School	0.77	1.29	1.75	1.96	2.17	2.38	2.59	3.04	3.57								
35	204.54	2.27	7.20	Student	-3.79	-1.50	0.45	1.37	2.27	3.18	4.09	6.05	8.33								
	207.18	2.23	1.67	School	0.83	1.36	1.81	2.02	2.23	2.44	2.66	3.11	3.64								
40	206.29	2.32	7.20	Student	-3.74	-1.45	0.50	1.42	2.32	3.22	4.14	6.09	8.38								
	208.02	2.30	1.67	School	0.89	1.42	1.87	2.09	2.30	2.50	2.72	3.17	3.70								
45	207.98	2.37	7.20	Student	-3.69	-1.41	0.54	1.46	2.37	3.27	4.19	6.14	8.43								
	208.84	2.35	1.67	School	0.95	1.48	1.93	2.15	2.35	2.56	2.78	3.23	3.76								
50	209.64	2.41	7.20	Student	-3.64	-1.36	0.59	1.51	2.41	3.32	4.24	6.19	8.47								
	209.64	2.41	1.67	School	1.01	1.54	1.99	2.20	2.41	2.62	2.84	3.29	3.82								
55	211.31	2.46	7.20	Student	-3.60	-1.31	0.64	1.56	2.46	3.36	4.28	6.23	8.52								
	210.45	2.47	1.67	School	1.07	1.60	2.05	2.26	2.47	2.68	2.89	3.35	3.88								
60	213.00	2.51	7.20	Student	-3.55	-1.27	0.68	1.60	2.51	3.41	4.33	6.28	8.57								
	211.26	2.53	1.67	School	1.13	1.66	2.11	2.32	2.53	2.74	2.95	3.41	3.93								
65	214.75	2.56	7.20	Student	-3.50	-1.22	0.73	1.65	2.56	3.46	4.38	6.33	8.61								
	212.11	2.59	1.67	School	1.19	1.72	2.17	2.38	2.59	2.80	3.02	3.47	4.00								
70	216.59	2.61	7.20	Student	-3.45	-1.17	0.78	1.70	2.61	3.51	4.43	6.38	8.67								
	213.00	2.66	1.67	School	1.26	1.78	2.24	2.45	2.66	2.87	3.08	3.53	4.06								
75	218.58	2.66	7.20	Student	-3.39	-1.11	0.84	1.76	2.66	3.57	4.49	6.44	8.72								
	213.96	2.73	1.67	School	1.33	1.85	2.31	2.52	2.73	2.94	3.15	3.60	4.13								
80	220.80	2.73	7.20	Student	-3.33	-1.05	0.90	1.82	2.73	3.63	4.55	6.50	8.78								
	215.03	2.81	1.67	School	1.40	1.93	2.38	2.60	2.81	3.02	3.23	3.68	4.21								
85	223.38	2.80	7.20	Student	-3.26	-0.98	0.97	1.89	2.80	3.70	4.62	6.57	8.86								
	216.27	2.90	1.67	School	1.50	2.02	2.48	2.69	2.90	3.11	3.32	3.77	4.30								
90	226.62	2.89	7.20	Student	-3.17	-0.89	1.06	1.98	2.89	3.79	4.71	6.66	8.95								
	217.84	3.01	1.67	School	1.61	2.14	2.59	2.80	3.01	3.22	3.43	3.89	4.42								

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.49: Science Grade 8
Winter To Spring Conditional Growth Percentile

Start %ile	Start Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	195.54	2.04	5.74	Student	-2.79	-0.97	0.59	1.32	2.04	2.76	3.49	5.05	6.87		
	204.27	0.95	0.92	School	0.17	0.47	0.72	0.83	0.95	1.07	1.18	1.43	1.73		
15	198.76	1.84	5.74	Student	-2.98	-1.16	0.39	1.12	1.84	2.57	3.30	4.85	6.67		
	205.83	0.96	0.92	School	0.19	0.48	0.73	0.85	0.96	1.08	1.20	1.45	1.74		
20	201.33	1.69	5.74	Student	-3.14	-1.32	0.24	0.97	1.69	2.41	3.14	4.70	6.52		
	207.06	0.98	0.92	School	0.20	0.49	0.74	0.86	0.98	1.09	1.21	1.46	1.75		
25	203.53	1.56	5.74	Student	-3.27	-1.45	0.11	0.84	1.56	2.28	3.01	4.57	6.39		
	208.13	0.99	0.92	School	0.21	0.50	0.75	0.87	0.99	1.10	1.22	1.47	1.76		
30	205.51	1.44	5.74	Student	-3.39	-1.57	-0.01	0.72	1.44	2.16	2.89	4.45	6.27		
	209.08	0.99	0.92	School	0.22	0.51	0.76	0.88	0.99	1.11	1.23	1.48	1.77		
35	207.34	1.33	5.74	Student	-3.50	-1.68	-0.12	0.61	1.33	2.05	2.78	4.34	6.16		
	209.96	1.00	0.92	School	0.23	0.52	0.77	0.89	1.00	1.12	1.24	1.49	1.78		
40	209.08	1.23	5.74	Student	-3.60	-1.78	-0.23	0.50	1.23	1.95	2.68	4.23	6.05		
	210.80	1.01	0.92	School	0.23	0.53	0.78	0.89	1.01	1.13	1.24	1.49	1.79		
45	210.76	1.12	5.74	Student	-3.70	-1.88	-0.33	0.40	1.12	1.85	2.58	4.13	5.95		
	211.61	1.02	0.92	School	0.24	0.53	0.78	0.90	1.02	1.13	1.25	1.50	1.79		
50	212.41	1.03	5.74	Student	-3.80	-1.98	-0.43	0.30	1.03	1.75	2.48	4.03	5.85		
	212.41	1.03	0.92	School	0.25	0.54	0.79	0.91	1.03	1.14	1.26	1.51	1.80		
55	214.07	0.93	5.74	Student	-3.90	-2.08	-0.53	0.21	0.93	1.65	2.38	3.93	5.75		
	213.21	1.03	0.92	School	0.26	0.55	0.80	0.92	1.03	1.15	1.27	1.52	1.81		
60	215.75	0.82	5.74	Student	-4.00	-2.18	-0.63	0.10	0.82	1.55	2.28	3.83	5.65		
	214.02	1.04	0.92	School	0.26	0.56	0.81	0.92	1.04	1.16	1.27	1.52	1.82		
65	217.49	0.72	5.74	Student	-4.11	-2.29	-0.73	-0.00	0.72	1.44	2.17	3.73	5.55		
	214.86	1.05	0.92	School	0.27	0.56	0.81	0.93	1.05	1.16	1.28	1.53	1.82		
70	219.32	0.61	5.74	Student	-4.22	-2.40	-0.84	-0.11	0.61	1.33	2.06	3.62	5.44		
	215.74	1.06	0.92	School	0.28	0.57	0.82	0.94	1.06	1.17	1.29	1.54	1.83		
75	221.29	0.49	5.74	Student	-4.33	-2.52	-0.96	-0.23	0.49	1.21	1.94	3.50	5.32		
	216.70	1.06	0.92	School	0.29	0.58	0.83	0.95	1.06	1.18	1.30	1.55	1.84		
80	223.50	0.36	5.74	Student	-4.47	-2.65	-1.09	-0.36	0.36	1.08	1.81	3.37	5.19		
	217.76	1.07	0.92	School	0.30	0.59	0.84	0.96	1.07	1.19	1.31	1.56	1.85		
85	226.06	0.21	5.74	Student	-4.62	-2.80	-1.25	-0.51	0.21	0.93	1.66	3.21	5.03		
	219.00	1.09	0.92	School	0.31	0.60	0.85	0.97	1.09	1.20	1.32	1.57	1.86		
90	229.29	0.01	5.74	Student	-4.81	-3.00	-1.44	-0.71	0.01	0.73	1.46	3.02	4.84		
	220.56	1.10	0.92	School	0.32	0.62	0.87	0.98	1.10	1.22	1.33	1.58	1.88		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.50: Science Grade 9
Last Winter To Winter Conditional Growth Percentile

Start Status %ile	Growth			CGP CGI	Conditional Growth									
	RIT	Mean	SD		20	30	40	45	50	55	60	70	80	
10	191.67	5.56	6.43	Student	0.15	2.19	3.93	4.75	5.56	6.37	7.19	8.94	10.98	
	201.64	3.20	1.74	School	1.73	2.28	2.76	2.98	3.20	3.42	3.64	4.11	4.67	
15	195.28	5.05	6.43	Student	-0.37	1.67	3.42	4.24	5.05	5.86	6.68	8.42	10.46	
	203.35	3.14	1.74	School	1.67	2.22	2.69	2.92	3.14	3.35	3.58	4.05	4.60	
20	198.15	4.64	6.43	Student	-0.78	1.26	3.01	3.83	4.64	5.45	6.27	8.01	10.05	
	204.70	3.08	1.74	School	1.62	2.17	2.64	2.87	3.08	3.30	3.53	4.00	4.55	
25	200.62	4.28	6.43	Student	-1.13	0.91	2.65	3.48	4.28	5.09	5.91	7.66	9.70	
	205.86	3.04	1.74	School	1.57	2.13	2.60	2.82	3.04	3.26	3.48	3.95	4.51	
30	202.83	3.97	6.43	Student	-1.45	0.59	2.34	3.16	3.97	4.78	5.60	7.34	9.38	
	206.91	3.00	1.74	School	1.53	2.09	2.56	2.78	3.00	3.22	3.44	3.92	4.47	
35	204.88	3.68	6.43	Student	-1.74	0.30	2.05	2.87	3.68	4.48	5.31	7.05	9.09	
	207.87	2.97	1.74	School	1.50	2.05	2.52	2.75	2.97	3.18	3.41	3.88	4.43	
40	206.82	3.40	6.43	Student	-2.02	0.02	1.77	2.59	3.40	4.21	5.03	6.77	8.81	
	208.79	2.93	1.74	School	1.46	2.02	2.49	2.71	2.93	3.15	3.37	3.85	4.40	
45	208.70	3.13	6.43	Student	-2.29	-0.24	1.50	2.32	3.13	3.94	4.76	6.50	8.54	
	209.68	2.90	1.74	School	1.43	1.98	2.46	2.68	2.90	3.12	3.34	3.81	4.36	
50	210.55	2.86	6.43	Student	-2.55	-0.51	1.23	2.06	2.86	3.67	4.49	6.24	8.28	
	210.55	2.86	1.74	School	1.40	1.95	2.42	2.65	2.86	3.08	3.31	3.78	4.33	
55	212.40	2.60	6.43	Student	-2.81	-0.77	0.97	1.79	2.60	3.41	4.23	5.97	8.02	
	211.42	2.83	1.74	School	1.36	1.92	2.39	2.61	2.83	3.05	3.27	3.75	4.30	
60	214.28	2.33	6.43	Student	-3.08	-1.04	0.70	1.52	2.33	3.14	3.96	5.71	7.75	
	212.31	2.80	1.74	School	1.33	1.88	2.36	2.58	2.80	3.02	3.24	3.71	4.27	
65	216.23	2.05	6.43	Student	-3.36	-1.32	0.42	1.24	2.05	2.86	3.68	5.43	7.47	
	213.23	2.76	1.74	School	1.30	1.85	2.32	2.55	2.76	2.98	3.21	3.68	4.23	
70	218.28	1.76	6.43	Student	-3.65	-1.61	0.13	0.95	1.76	2.57	3.39	5.13	7.18	
	214.20	2.73	1.74	School	1.26	1.81	2.29	2.51	2.73	2.95	3.17	3.64	4.20	
75	220.49	1.44	6.43	Student	-3.97	-1.93	-0.19	0.64	1.44	2.25	3.07	4.82	6.86	
	215.24	2.69	1.74	School	1.22	1.77	2.25	2.47	2.69	2.91	3.13	3.60	4.16	
80	222.95	1.09	6.43	Student	-4.32	-2.28	-0.54	0.28	1.09	1.90	2.72	4.47	6.51	
	216.40	2.65	1.74	School	1.18	1.73	2.20	2.43	2.65	2.86	3.09	3.56	4.11	
85	225.82	0.68	6.43	Student	-4.73	-2.69	-0.95	-0.13	0.68	1.49	2.31	4.06	6.10	
	217.76	2.59	1.74	School	1.13	1.68	2.15	2.38	2.59	2.81	3.04	3.51	4.06	
90	229.43	0.17	6.43	Student	-5.25	-3.21	-1.46	-0.64	0.17	0.97	1.80	3.54	5.58	
	219.46	2.53	1.74	School	1.06	1.62	2.09	2.31	2.53	2.75	2.97	3.44	4.00	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.51: Science Grade 9
Last Spring To Fall Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	190.01	7.63	9.14	Student	-0.06	2.84	5.32	6.49	7.63	8.78	9.95	12.43	15.33	
	201.37	2.32	3.19	School	-0.37	0.64	1.51	1.92	2.32	2.72	3.13	3.99	5.00	
15	194.03	6.24	9.14	Student	-1.45	1.45	3.93	5.09	6.24	7.39	8.56	11.03	13.93	
	203.22	1.94	3.19	School	-0.74	0.27	1.13	1.54	1.94	2.34	2.75	3.62	4.63	
20	197.23	5.13	9.14	Student	-2.56	0.34	2.82	3.99	5.13	6.28	7.45	9.93	12.83	
	204.69	1.64	3.19	School	-1.04	-0.03	0.83	1.24	1.64	2.04	2.45	3.32	4.33	
25	199.97	4.18	9.14	Student	-3.51	-0.61	1.87	3.04	4.18	5.33	6.50	8.98	11.88	
	205.95	1.39	3.19	School	-1.30	-0.29	0.58	0.99	1.39	1.79	2.20	3.06	4.07	
30	202.44	3.33	9.14	Student	-4.36	-1.46	1.02	2.18	3.33	4.48	5.65	8.12	11.02	
	207.09	1.16	3.19	School	-1.53	-0.52	0.35	0.76	1.16	1.56	1.97	2.83	3.84	
35	204.72	2.54	9.14	Student	-5.15	-2.25	0.23	1.39	2.54	3.69	4.86	7.33	10.23	
	208.14	0.94	3.19	School	-1.74	-0.73	0.13	0.54	0.94	1.34	1.75	2.62	3.63	
40	206.89	1.79	9.14	Student	-5.90	-3.00	-0.52	0.64	1.79	2.94	4.11	6.58	9.48	
	209.13	0.74	3.19	School	-1.95	-0.93	-0.07	0.34	0.74	1.14	1.55	2.41	3.43	
45	208.98	1.07	9.14	Student	-6.63	-3.73	-1.25	-0.08	1.07	2.21	3.38	5.86	8.76	
	210.10	0.54	3.19	School	-2.14	-1.13	-0.26	0.14	0.54	0.95	1.35	2.22	3.23	
50	211.05	0.35	9.14	Student	-7.34	-4.44	-1.96	-0.80	0.35	1.50	2.67	5.14	8.04	
	211.05	0.35	3.19	School	-2.33	-1.32	-0.46	-0.05	0.35	0.75	1.16	2.03	3.04	
55	213.11	-0.36	9.14	Student	-8.05	-5.15	-2.68	-1.51	-0.36	0.79	1.95	4.43	7.33	
	212.00	0.16	3.19	School	-2.53	-1.51	-0.65	-0.24	0.16	0.56	0.97	1.83	2.85	
60	215.21	-1.09	9.14	Student	-8.78	-5.88	-3.40	-2.24	-1.09	0.06	1.23	3.70	6.60	
	212.96	-0.04	3.19	School	-2.72	-1.71	-0.85	-0.44	-0.04	0.36	0.77	1.64	2.65	
65	217.37	-1.84	9.14	Student	-9.53	-6.63	-4.15	-2.99	-1.84	-0.69	0.48	2.95	5.85	
	213.96	-0.24	3.19	School	-2.93	-1.91	-1.05	-0.64	-0.24	0.16	0.57	1.43	2.45	
70	219.66	-2.63	9.14	Student	-10.3	-7.42	-4.94	-3.78	-2.63	-1.48	-0.31	2.16	5.06	
	215.01	-0.45	3.19	School	-3.14	-2.13	-1.26	-0.85	-0.45	-0.05	0.36	1.22	2.23	
75	222.12	-3.48	9.14	Student	-11.2	-8.27	-5.80	-4.63	-3.48	-2.33	-1.17	1.31	4.21	
	216.14	-0.68	3.19	School	-3.37	-2.36	-1.49	-1.08	-0.68	-0.28	0.13	0.99	2.00	
80	224.87	-4.43	9.14	Student	-12.1	-9.22	-6.75	-5.58	-4.43	-3.28	-2.12	0.36	3.26	
	217.40	-0.94	3.19	School	-3.63	-2.61	-1.75	-1.34	-0.94	-0.54	-0.13	0.73	1.75	
85	228.06	-5.54	9.14	Student	-13.2	-10.3	-7.85	-6.69	-5.54	-4.39	-3.22	-0.75	2.15	
	218.87	-1.24	3.19	School	-3.92	-2.91	-2.05	-1.64	-1.24	-0.84	-0.43	0.44	1.45	
90	232.09	-6.93	9.14	Student	-14.6	-11.7	-9.25	-8.08	-6.93	-5.78	-4.62	-2.14	0.76	
	220.73	-1.61	3.19	School	-4.30	-3.29	-2.42	-2.02	-1.61	-1.21	-0.81	0.06	1.07	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.52: Science Grade 9
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	190.01	7.39	7.00	Student	1.50	3.72	5.61	6.51	7.39	8.27	9.16	11.06	13.28	
	201.37	3.92	2.25	School	2.03	2.74	3.35	3.64	3.92	4.20	4.49	5.10	5.81	
15	194.03	6.54	7.00	Student	0.64	2.87	4.76	5.66	6.54	7.42	8.31	10.21	12.43	
	203.22	3.73	2.25	School	1.84	2.55	3.16	3.45	3.73	4.01	4.30	4.91	5.62	
20	197.23	5.86	7.00	Student	-0.03	2.19	4.09	4.98	5.86	6.74	7.64	9.53	11.75	
	204.69	3.58	2.25	School	1.69	2.40	3.01	3.30	3.58	3.87	4.15	4.76	5.48	
25	199.97	5.28	7.00	Student	-0.61	1.61	3.51	4.40	5.28	6.16	7.05	8.95	11.17	
	205.95	3.45	2.25	School	1.56	2.28	2.88	3.17	3.45	3.74	4.02	4.63	5.35	
30	202.44	4.76	7.00	Student	-1.13	1.09	2.99	3.88	4.76	5.64	6.53	8.43	10.65	
	207.09	3.34	2.25	School	1.45	2.16	2.77	3.06	3.34	3.62	3.91	4.52	5.23	
35	204.72	4.28	7.00	Student	-1.62	0.61	2.50	3.40	4.28	5.16	6.05	7.95	10.17	
	208.14	3.23	2.25	School	1.34	2.05	2.66	2.95	3.23	3.52	3.80	4.41	5.13	
40	206.89	3.82	7.00	Student	-2.07	0.15	2.04	2.94	3.82	4.70	5.59	7.49	9.71	
	209.13	3.13	2.25	School	1.24	1.95	2.56	2.85	3.13	3.42	3.70	4.31	5.03	
45	208.98	3.38	7.00	Student	-2.52	-0.30	1.60	2.50	3.38	4.26	5.15	7.05	9.27	
	210.10	3.04	2.25	School	1.14	1.86	2.47	2.75	3.04	3.32	3.61	4.22	4.93	
50	211.05	2.94	7.00	Student	-2.95	-0.73	1.17	2.06	2.94	3.82	4.71	6.61	8.83	
	211.05	2.94	2.25	School	1.05	1.76	2.37	2.66	2.94	3.22	3.51	4.12	4.83	
55	213.11	2.50	7.00	Student	-3.39	-1.17	0.73	1.62	2.50	3.38	4.28	6.18	8.40	
	212.00	2.84	2.25	School	0.95	1.66	2.27	2.56	2.84	3.13	3.41	4.02	4.74	
60	215.21	2.06	7.00	Student	-3.83	-1.61	0.29	1.18	2.06	2.94	3.83	5.73	7.95	
	212.96	2.75	2.25	School	0.85	1.57	2.18	2.46	2.75	3.03	3.32	3.93	4.64	
65	217.37	1.60	7.00	Student	-4.29	-2.07	-0.17	0.72	1.60	2.48	3.38	5.27	7.49	
	213.96	2.65	2.25	School	0.75	1.47	2.08	2.36	2.65	2.93	3.22	3.82	4.54	
70	219.66	1.12	7.00	Student	-4.77	-2.55	-0.65	0.24	1.12	2.00	2.89	4.79	7.01	
	215.01	2.54	2.25	School	0.65	1.36	1.97	2.26	2.54	2.82	3.11	3.72	4.43	
75	222.12	0.60	7.00	Student	-5.30	-3.07	-1.18	-0.28	0.60	1.48	2.37	4.27	6.49	
	216.14	2.42	2.25	School	0.53	1.24	1.85	2.14	2.42	2.71	2.99	3.60	4.32	
80	224.87	0.02	7.00	Student	-5.88	-3.65	-1.76	-0.86	0.02	0.90	1.79	3.69	5.91	
	217.40	2.30	2.25	School	0.40	1.12	1.73	2.01	2.30	2.58	2.87	3.48	4.19	
85	228.06	-0.66	7.00	Student	-6.55	-4.33	-2.43	-1.54	-0.66	0.22	1.12	3.01	5.23	
	218.87	2.15	2.25	School	0.25	0.97	1.58	1.87	2.15	2.43	2.72	3.33	4.04	
90	232.09	-1.51	7.00	Student	-7.40	-5.18	-3.28	-2.39	-1.51	-0.63	0.26	2.16	4.38	
	220.73	1.96	2.25	School	0.07	0.78	1.39	1.68	1.96	2.24	2.53	3.14	3.85	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.53: Science Grade 9
Fall To Winter Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20 -0.84	30 -0.52	40 -0.25	45 -0.13	50 0.00	55 0.13	60 0.25	70 0.52	80 0.84	
10	193.33	3.67 6.06	Student	-1.43	0.49	2.13	2.91	3.67	4.43	5.20	6.84	8.76	
	202.67	2.05 1.33	School	0.93	1.35	1.71	1.88	2.05	2.22	2.38	2.74	3.16	
15	196.79	3.35 6.06	Student	-1.75	0.17	1.82	2.59	3.35	4.11	4.88	6.53	8.45	
	204.34	2.04 1.33	School	0.93	1.35	1.71	1.88	2.04	2.21	2.38	2.74	3.16	
20	199.53	3.10 6.06	Student	-2.00	-0.08	1.57	2.34	3.10	3.86	4.63	6.28	8.20	
	205.67	2.04 1.33	School	0.92	1.34	1.70	1.87	2.04	2.20	2.37	2.73	3.15	
25	201.89	2.88 6.06	Student	-2.21	-0.29	1.35	2.12	2.88	3.65	4.42	6.06	7.98	
	206.81	2.03 1.33	School	0.92	1.34	1.70	1.87	2.03	2.20	2.37	2.73	3.15	
30	204.01	2.69 6.06	Student	-2.41	-0.48	1.16	1.93	2.69	3.45	4.23	5.87	7.79	
	207.83	2.03 1.33	School	0.91	1.33	1.69	1.86	2.03	2.20	2.37	2.72	3.15	
35	205.97	2.51 6.06	Student	-2.58	-0.66	0.98	1.75	2.51	3.27	4.05	5.69	7.61	
	208.78	2.03 1.33	School	0.91	1.33	1.69	1.86	2.03	2.19	2.36	2.72	3.14	
40	207.83	2.34 6.06	Student	-2.75	-0.83	0.81	1.58	2.34	3.10	3.88	5.52	7.44	
	209.67	2.02 1.33	School	0.91	1.33	1.69	1.86	2.02	2.19	2.36	2.72	3.14	
45	209.63	2.18 6.06	Student	-2.92	-1.00	0.64	1.42	2.18	2.94	3.71	5.35	7.27	
	210.54	2.02 1.33	School	0.90	1.32	1.68	1.85	2.02	2.19	2.36	2.71	3.14	
50	211.40	2.02 6.06	Student	-3.08	-1.16	0.48	1.26	2.02	2.78	3.55	5.19	7.11	
	211.40	2.02 1.33	School	0.90	1.32	1.68	1.85	2.02	2.18	2.35	2.71	3.13	
55	213.17	1.85 6.06	Student	-3.24	-1.32	0.32	1.09	1.85	2.62	3.39	5.03	6.95	
	212.26	2.01 1.33	School	0.90	1.32	1.68	1.85	2.01	2.18	2.35	2.71	3.13	
60	214.97	1.69 6.06	Student	-3.41	-1.49	0.16	0.93	1.69	2.45	3.22	4.87	6.79	
	213.13	2.01 1.33	School	0.89	1.31	1.67	1.84	2.01	2.18	2.35	2.71	3.13	
65	216.83	1.52 6.06	Student	-3.58	-1.66	-0.01	0.76	1.52	2.28	3.05	4.70	6.62	
	214.02	2.01 1.33	School	0.89	1.31	1.67	1.84	2.01	2.17	2.34	2.70	3.12	
70	218.79	1.34 6.06	Student	-3.76	-1.83	-0.19	0.58	1.34	2.10	2.88	4.52	6.44	
	214.97	2.00 1.33	School	0.89	1.31	1.67	1.84	2.00	2.17	2.34	2.70	3.12	
75	220.91	1.15 6.06	Student	-3.95	-2.03	-0.39	0.39	1.15	1.91	2.68	4.32	6.24	
	215.99	2.00 1.33	School	0.88	1.30	1.66	1.83	2.00	2.17	2.34	2.69	3.12	
80	223.27	0.93 6.06	Student	-4.16	-2.24	-0.60	0.17	0.93	1.69	2.47	4.11	6.03	
	217.13	2.00 1.33	School	0.88	1.30	1.66	1.83	2.00	2.16	2.33	2.69	3.11	
85	226.01	0.68 6.06	Student	-4.41	-2.49	-0.85	-0.08	0.68	1.44	2.22	3.86	5.78	
	218.46	1.99 1.33	School	0.87	1.30	1.65	1.82	1.99	2.16	2.33	2.69	3.11	
90	229.47	0.37 6.06	Student	-4.73	-2.81	-1.17	-0.39	0.37	1.13	1.90	3.54	5.46	
	220.13	1.98 1.33	School	0.87	1.29	1.65	1.82	1.98	2.15	2.32	2.68	3.10	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.54: Science Grade 9
Fall To Spring Conditional Growth Percentile

Start Status %ile	Growth		CGP CGI	Conditional Growth									
	RIT	Mean SD		20	30	40	45	50	55	60	70	80	
10	193.33	4.54	7.65	Student	-1.90	0.53	2.60	3.58	4.54	5.50	6.48	8.55	10.98
	202.67	2.64	2.31	School	0.70	1.43	2.06	2.35	2.64	2.93	3.23	3.86	4.59
15	196.79	4.17	7.65	Student	-2.27	0.16	2.23	3.21	4.17	5.13	6.11	8.18	10.61
	204.34	2.63	2.31	School	0.69	1.42	2.05	2.34	2.63	2.92	3.22	3.84	4.58
20	199.53	3.87	7.65	Student	-2.57	-0.14	1.93	2.91	3.87	4.83	5.81	7.88	10.31
	205.67	2.62	2.31	School	0.68	1.41	2.04	2.33	2.62	2.91	3.21	3.84	4.57
25	201.89	3.62	7.65	Student	-2.82	-0.40	1.68	2.65	3.62	4.58	5.55	7.63	10.06
	206.81	2.62	2.31	School	0.67	1.41	2.03	2.33	2.62	2.91	3.20	3.83	4.56
30	204.01	3.39	7.65	Student	-3.05	-0.63	1.45	2.43	3.39	4.35	5.33	7.40	9.83
	207.83	2.61	2.31	School	0.67	1.40	2.03	2.32	2.61	2.90	3.20	3.82	4.56
35	205.97	3.18	7.65	Student	-3.26	-0.84	1.24	2.21	3.18	4.14	5.11	7.19	9.61
	208.78	2.60	2.31	School	0.66	1.39	2.02	2.31	2.60	2.89	3.19	3.82	4.55
40	207.83	2.97	7.65	Student	-3.47	-1.04	1.04	2.01	2.97	3.94	4.91	6.99	9.41
	209.67	2.60	2.31	School	0.65	1.39	2.01	2.31	2.60	2.89	3.18	3.81	4.54
45	209.63	2.78	7.65	Student	-3.66	-1.23	0.84	1.82	2.78	3.74	4.72	6.79	9.22
	210.54	2.59	2.31	School	0.65	1.38	2.01	2.30	2.59	2.88	3.18	3.80	4.54
50	211.40	2.59	7.65	Student	-3.85	-1.42	0.65	1.63	2.59	3.55	4.53	6.60	9.03
	211.40	2.59	2.31	School	0.64	1.38	2.00	2.30	2.59	2.88	3.17	3.80	4.53
55	213.17	2.40	7.65	Student	-4.04	-1.62	0.46	1.43	2.40	3.36	4.33	6.41	8.84
	212.26	2.58	2.31	School	0.64	1.37	2.00	2.29	2.58	2.87	3.17	3.79	4.53
60	214.97	2.20	7.65	Student	-4.24	-1.81	0.26	1.24	2.20	3.16	4.14	6.21	8.64
	213.13	2.58	2.31	School	0.63	1.36	1.99	2.29	2.58	2.87	3.16	3.79	4.52
65	216.83	2.00	7.65	Student	-4.44	-2.01	0.06	1.04	2.00	2.96	3.94	6.01	8.44
	214.02	2.57	2.31	School	0.63	1.36	1.99	2.28	2.57	2.86	3.16	3.78	4.51
70	218.79	1.79	7.65	Student	-4.65	-2.22	-0.15	0.83	1.79	2.75	3.73	5.80	8.23
	214.97	2.56	2.31	School	0.62	1.35	1.98	2.27	2.56	2.85	3.15	3.78	4.51
75	220.91	1.56	7.65	Student	-4.88	-2.45	-0.38	0.60	1.56	2.52	3.50	5.57	8.00
	215.99	2.56	2.31	School	0.61	1.35	1.97	2.27	2.56	2.85	3.14	3.77	4.50
80	223.27	1.30	7.65	Student	-5.14	-2.71	-0.63	0.34	1.30	2.27	3.24	5.32	7.74
	217.13	2.55	2.31	School	0.61	1.34	1.97	2.26	2.55	2.84	3.14	3.76	4.49
85	226.01	1.01	7.65	Student	-5.43	-3.01	-0.93	0.05	1.01	1.97	2.95	5.02	7.45
	218.46	2.54	2.31	School	0.60	1.33	1.96	2.25	2.54	2.83	3.13	3.75	4.49
90	229.47	0.63	7.65	Student	-5.81	-3.38	-1.30	-0.33	0.63	1.60	2.57	4.65	7.07
	220.13	2.53	2.31	School	0.59	1.32	1.95	2.24	2.53	2.82	3.12	3.74	4.48

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.55: Science Grade 9
Fall To N Fall Conditional Growth Percentile

Start %ile	Status		Growth		CGP CGI	Conditional Growth									
	RIT	Mean	SD	CGP		20	30	40	45	50	55	60	70	80	
10	193.33	2.42	6.95	Student	-3.43	-1.23	0.66	1.54	2.42	3.29	4.18	6.06	8.26		
	202.67	1.31	1.84	School	-0.23	0.35	0.85	1.08	1.31	1.55	1.78	2.28	2.86		
15	196.79	2.28	6.95	Student	-3.57	-1.36	0.52	1.41	2.28	3.15	4.04	5.92	8.12		
	204.34	1.39	1.84	School	-0.16	0.42	0.92	1.16	1.39	1.62	1.85	2.35	2.94		
20	199.53	2.17	6.95	Student	-3.68	-1.47	0.41	1.30	2.17	3.04	3.93	5.81	8.01		
	205.67	1.44	1.84	School	-0.10	0.48	0.98	1.21	1.44	1.68	1.91	2.41	2.99		
25	201.89	2.07	6.95	Student	-3.77	-1.57	0.32	1.20	2.07	2.95	3.83	5.72	7.92		
	206.81	1.49	1.84	School	-0.05	0.53	1.03	1.26	1.49	1.73	1.96	2.46	3.04		
30	204.01	1.99	6.95	Student	-3.86	-1.65	0.23	1.12	1.99	2.86	3.75	5.63	7.84		
	207.83	1.54	1.84	School	-0.01	0.57	1.07	1.31	1.54	1.77	2.01	2.50	3.09		
35	205.97	1.91	6.95	Student	-3.93	-1.73	0.15	1.04	1.91	2.79	3.67	5.55	7.76		
	208.78	1.58	1.84	School	0.03	0.62	1.11	1.35	1.58	1.81	2.05	2.55	3.13		
40	207.83	1.84	6.95	Student	-4.01	-1.80	0.08	0.97	1.84	2.71	3.60	5.48	7.68		
	209.67	1.62	1.84	School	0.07	0.66	1.15	1.39	1.62	1.85	2.09	2.58	3.17		
45	209.63	1.77	6.95	Student	-4.08	-1.88	0.01	0.89	1.77	2.64	3.53	5.41	7.61		
	210.54	1.66	1.84	School	0.11	0.69	1.19	1.43	1.66	1.89	2.12	2.62	3.21		
50	211.40	1.70	6.95	Student	-4.15	-1.95	-0.06	0.82	1.70	2.57	3.46	5.34	7.54		
	211.40	1.70	1.84	School	0.15	0.73	1.23	1.46	1.70	1.93	2.16	2.66	3.24		
55	213.17	1.63	6.95	Student	-4.22	-2.02	-0.13	0.75	1.63	2.50	3.38	5.27	7.47		
	212.26	1.73	1.84	School	0.18	0.77	1.27	1.50	1.73	1.96	2.20	2.70	3.28		
60	214.97	1.55	6.95	Student	-4.29	-2.09	-0.21	0.68	1.55	2.43	3.31	5.20	7.40		
	213.13	1.77	1.84	School	0.22	0.81	1.31	1.54	1.77	2.00	2.24	2.74	3.32		
65	216.83	1.48	6.95	Student	-4.37	-2.16	-0.28	0.61	1.48	2.35	3.24	5.12	7.32		
	214.02	1.81	1.84	School	0.26	0.85	1.34	1.58	1.81	2.04	2.28	2.78	3.36		
70	218.79	1.40	6.95	Student	-4.44	-2.24	-0.36	0.53	1.40	2.27	3.16	5.04	7.25		
	214.97	1.85	1.84	School	0.30	0.89	1.39	1.62	1.85	2.08	2.32	2.82	3.40		
75	220.91	1.32	6.95	Student	-4.53	-2.33	-0.44	0.44	1.32	2.19	3.08	4.96	7.16		
	215.99	1.90	1.84	School	0.35	0.93	1.43	1.67	1.90	2.13	2.36	2.86	3.45		
80	223.27	1.22	6.95	Student	-4.62	-2.42	-0.54	0.35	1.22	2.10	2.98	4.87	7.07		
	217.13	1.95	1.84	School	0.40	0.98	1.48	1.72	1.95	2.18	2.41	2.91	3.49		
85	226.01	1.11	6.95	Student	-4.73	-2.53	-0.65	0.24	1.11	1.99	2.87	4.76	6.96		
	218.46	2.00	1.84	School	0.46	1.04	1.54	1.77	2.00	2.24	2.47	2.97	3.55		
90	229.47	0.98	6.95	Student	-4.87	-2.67	-0.78	0.10	0.98	1.85	2.74	4.62	6.82		
	220.13	2.08	1.84	School	0.53	1.11	1.61	1.85	2.08	2.31	2.54	3.04	3.63		

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.56: Science Grade 9
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	195.26	1.37	5.76	Student	-3.47	-1.65	-0.09	0.65	1.37	2.09	2.83	4.39	6.22	
	204.55	0.36	0.98	School	-0.47	-0.16	0.11	0.23	0.36	0.48	0.60	0.87	1.18	
15	198.73	1.22	5.76	Student	-3.63	-1.80	-0.24	0.49	1.22	1.94	2.68	4.24	6.06	
	206.25	0.40	0.98	School	-0.43	-0.12	0.15	0.27	0.40	0.52	0.65	0.91	1.23	
20	201.49	1.10	5.76	Student	-3.75	-1.92	-0.36	0.37	1.10	1.82	2.56	4.12	5.94	
	207.60	0.43	0.98	School	-0.40	-0.09	0.18	0.31	0.43	0.55	0.68	0.95	1.26	
25	203.86	0.99	5.76	Student	-3.85	-2.03	-0.47	0.27	0.99	1.72	2.45	4.01	5.84	
	208.75	0.46	0.98	School	-0.37	-0.06	0.21	0.33	0.46	0.58	0.71	0.97	1.29	
30	205.99	0.90	5.76	Student	-3.95	-2.12	-0.56	0.18	0.90	1.62	2.36	3.92	5.74	
	209.79	0.48	0.98	School	-0.35	-0.03	0.23	0.36	0.48	0.61	0.73	1.00	1.31	
35	207.96	0.81	5.76	Student	-4.03	-2.21	-0.65	0.09	0.81	1.54	2.27	3.83	5.66	
	210.75	0.51	0.98	School	-0.32	-0.01	0.26	0.38	0.51	0.63	0.76	1.02	1.33	
40	209.83	0.73	5.76	Student	-4.12	-2.29	-0.73	0.01	0.73	1.45	2.19	3.75	5.58	
	211.66	0.53	0.98	School	-0.30	0.01	0.28	0.40	0.53	0.65	0.78	1.04	1.36	
45	211.64	0.65	5.76	Student	-4.20	-2.37	-0.81	-0.07	0.65	1.37	2.11	3.67	5.50	
	212.55	0.55	0.98	School	-0.28	0.03	0.30	0.43	0.55	0.67	0.80	1.07	1.38	
50	213.42	0.57	5.76	Student	-4.28	-2.45	-0.89	-0.15	0.57	1.29	2.03	3.59	5.42	
	213.42	0.57	0.98	School	-0.26	0.06	0.32	0.45	0.57	0.69	0.82	1.09	1.40	
55	215.20	0.49	5.76	Student	-4.35	-2.53	-0.97	-0.23	0.49	1.22	1.95	3.51	5.34	
	214.28	0.59	0.98	School	-0.24	0.08	0.34	0.47	0.59	0.72	0.84	1.11	1.42	
60	217.01	0.41	5.76	Student	-4.43	-2.61	-1.05	-0.31	0.41	1.14	1.87	3.43	5.26	
	215.17	0.61	0.98	School	-0.21	0.10	0.36	0.49	0.61	0.74	0.86	1.13	1.44	
65	218.88	0.33	5.76	Student	-4.52	-2.69	-1.13	-0.39	0.33	1.05	1.79	3.35	5.18	
	216.08	0.64	0.98	School	-0.19	0.12	0.39	0.51	0.64	0.76	0.89	1.15	1.46	
70	220.85	0.24	5.76	Student	-4.60	-2.78	-1.22	-0.48	0.24	0.97	1.70	3.26	5.09	
	217.04	0.66	0.98	School	-0.17	0.14	0.41	0.54	0.66	0.78	0.91	1.18	1.49	
75	222.97	0.15	5.76	Student	-4.70	-2.87	-1.31	-0.57	0.15	0.87	1.61	3.17	5.00	
	218.08	0.68	0.98	School	-0.14	0.17	0.44	0.56	0.68	0.81	0.93	1.20	1.51	
80	225.34	0.05	5.76	Student	-4.80	-2.97	-1.41	-0.68	0.05	0.77	1.50	3.07	4.89	
	219.24	0.71	0.98	School	-0.12	0.20	0.46	0.59	0.71	0.84	0.96	1.23	1.54	
85	228.10	-0.08	5.76	Student	-4.92	-3.10	-1.53	-0.80	-0.08	0.65	1.38	2.94	4.77	
	220.58	0.75	0.98	School	-0.08	0.23	0.50	0.62	0.75	0.87	0.99	1.26	1.57	
90	231.58	-0.23	5.76	Student	-5.08	-3.25	-1.69	-0.95	-0.23	0.49	1.23	2.79	4.62	
	222.28	0.79	0.98	School	-0.04	0.27	0.54	0.66	0.79	0.91	1.04	1.30	1.61	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.57: Science Grade 10
Last Winter To Winter Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	194.66	3.83	6.57	Student	-1.70	0.39	2.17	3.01	3.83	4.66	5.50	7.28	9.36	
	204.04	1.87	1.36	School	0.72	1.15	1.52	1.70	1.87	2.04	2.22	2.58	3.02	
15	198.12	3.52	6.57	Student	-2.00	0.08	1.86	2.70	3.52	4.35	5.19	6.97	9.05	
	205.70	1.94	1.36	School	0.79	1.22	1.59	1.77	1.94	2.11	2.28	2.65	3.08	
20	200.87	3.28	6.57	Student	-2.25	-0.17	1.61	2.45	3.28	4.10	4.94	6.72	8.81	
	207.02	1.99	1.36	School	0.84	1.28	1.64	1.82	1.99	2.16	2.34	2.71	3.14	
25	203.22	3.07	6.57	Student	-2.46	-0.38	1.40	2.24	3.07	3.89	4.73	6.51	8.60	
	208.16	2.04	1.36	School	0.89	1.32	1.69	1.86	2.04	2.21	2.38	2.75	3.18	
30	205.34	2.88	6.57	Student	-2.65	-0.56	1.22	2.05	2.88	3.70	4.54	6.32	8.41	
	209.17	2.08	1.36	School	0.93	1.36	1.73	1.91	2.08	2.25	2.42	2.79	3.22	
35	207.30	2.70	6.57	Student	-2.82	-0.74	1.04	1.88	2.70	3.53	4.37	6.15	8.23	
	210.12	2.12	1.36	School	0.97	1.40	1.77	1.94	2.12	2.29	2.46	2.83	3.26	
40	209.16	2.54	6.57	Student	-2.99	-0.90	0.88	1.71	2.54	3.36	4.20	5.98	8.07	
	211.01	2.15	1.36	School	1.00	1.44	1.81	1.98	2.15	2.32	2.50	2.87	3.30	
45	210.96	2.38	6.57	Student	-3.15	-1.07	0.71	1.55	2.38	3.20	4.04	5.82	7.91	
	211.88	2.19	1.36	School	1.04	1.47	1.84	2.01	2.19	2.36	2.53	2.90	3.33	
50	212.73	2.22	6.57	Student	-3.31	-1.22	0.56	1.40	2.22	3.05	3.88	5.66	7.75	
	212.73	2.22	1.36	School	1.07	1.51	1.88	2.05	2.22	2.39	2.57	2.94	3.37	
55	214.50	2.06	6.57	Student	-3.46	-1.38	0.40	1.24	2.06	2.89	3.73	5.51	7.59	
	213.58	2.25	1.36	School	1.11	1.54	1.91	2.08	2.25	2.43	2.60	2.97	3.40	
60	216.30	1.90	6.57	Student	-3.62	-1.54	0.24	1.08	1.90	2.73	3.57	5.35	7.43	
	214.45	2.29	1.36	School	1.14	1.57	1.94	2.12	2.29	2.46	2.64	3.00	3.44	
65	218.16	1.74	6.57	Student	-3.79	-1.71	0.07	0.91	1.74	2.56	3.40	5.18	7.26	
	215.34	2.33	1.36	School	1.18	1.61	1.98	2.15	2.33	2.50	2.67	3.04	3.47	
70	220.12	1.56	6.57	Student	-3.97	-1.88	-0.10	0.74	1.56	2.39	3.23	5.01	7.09	
	216.29	2.36	1.36	School	1.22	1.65	2.02	2.19	2.36	2.54	2.71	3.08	3.51	
75	222.24	1.37	6.57	Student	-4.15	-2.07	-0.29	0.55	1.37	2.20	3.04	4.82	6.90	
	217.31	2.41	1.36	School	1.26	1.69	2.06	2.23	2.41	2.58	2.75	3.12	3.55	
80	224.60	1.16	6.57	Student	-4.36	-2.28	-0.50	0.34	1.16	1.99	2.83	4.61	6.69	
	218.44	2.45	1.36	School	1.30	1.74	2.11	2.28	2.45	2.62	2.80	3.17	3.60	
85	227.34	0.92	6.57	Student	-4.61	-2.53	-0.75	0.09	0.92	1.74	2.58	4.36	6.44	
	219.76	2.50	1.36	School	1.36	1.79	2.16	2.33	2.50	2.68	2.85	3.22	3.65	
90	230.80	0.61	6.57	Student	-4.92	-2.83	-1.05	-0.22	0.61	1.43	2.27	4.05	6.14	
	221.42	2.57	1.36	School	1.42	1.86	2.23	2.40	2.57	2.74	2.92	3.29	3.72	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.58: Science Grade 10
Last Spring To Fall Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	193.20	5.43	8.56	Student	-1.77	0.94	3.26	4.35	5.43	6.50	7.59	9.91	12.63	
	203.91	0.87	2.18	School	-0.97	-0.28	0.31	0.59	0.87	1.14	1.42	2.01	2.70	
15	196.98	4.44	8.56	Student	-2.77	-0.05	2.27	3.36	4.44	5.51	6.60	8.92	11.64	
	205.65	0.75	2.18	School	-1.09	-0.40	0.19	0.47	0.75	1.02	1.30	1.89	2.58	
20	199.99	3.65	8.56	Student	-3.55	-0.84	1.48	2.57	3.65	4.72	5.82	8.13	10.85	
	207.03	0.65	2.18	School	-1.18	-0.49	0.10	0.38	0.65	0.93	1.20	1.79	2.49	
25	202.57	2.97	8.56	Student	-4.23	-1.52	0.80	1.90	2.97	4.05	5.14	7.46	10.17	
	208.21	0.57	2.18	School	-1.26	-0.57	0.02	0.30	0.57	0.84	1.12	1.71	2.40	
30	204.89	2.36	8.56	Student	-4.84	-2.12	0.20	1.29	2.36	3.44	4.53	6.85	9.57	
	209.28	0.50	2.18	School	-1.34	-0.64	-0.05	0.22	0.50	0.77	1.05	1.64	2.33	
35	207.04	1.80	8.56	Student	-5.40	-2.68	-0.37	0.73	1.80	2.88	3.97	6.29	9.00	
	210.26	0.43	2.18	School	-1.40	-0.71	-0.12	0.16	0.43	0.70	0.98	1.57	2.26	
40	209.08	1.27	8.56	Student	-5.93	-3.22	-0.90	0.19	1.27	2.34	3.44	5.76	8.47	
	211.20	0.37	2.18	School	-1.47	-0.78	-0.19	0.09	0.37	0.64	0.92	1.51	2.20	
45	211.05	0.75	8.56	Student	-6.45	-3.74	-1.42	-0.32	0.75	1.83	2.92	5.24	7.95	
	212.10	0.30	2.18	School	-1.53	-0.84	-0.25	0.03	0.30	0.58	0.86	1.45	2.14	
50	212.99	0.24	8.56	Student	-6.96	-4.24	-1.92	-0.83	0.24	1.32	2.41	4.73	7.45	
	212.99	0.24	2.18	School	-1.59	-0.90	-0.31	-0.03	0.24	0.52	0.80	1.39	2.08	
55	214.93	-0.26	8.56	Student	-7.47	-4.75	-2.43	-1.34	-0.26	0.81	1.90	4.22	6.94	
	213.88	0.18	2.18	School	-1.65	-0.96	-0.37	-0.09	0.18	0.46	0.73	1.33	2.02	
60	216.91	-0.78	8.56	Student	-7.98	-5.27	-2.95	-1.86	-0.78	0.29	1.39	3.71	6.42	
	214.79	0.12	2.18	School	-1.71	-1.02	-0.43	-0.15	0.12	0.39	0.67	1.26	1.95	
65	218.94	-1.31	8.56	Student	-8.52	-5.80	-3.48	-2.39	-1.31	-0.24	0.85	3.17	5.89	
	215.72	0.06	2.18	School	-1.78	-1.09	-0.49	-0.22	0.06	0.33	0.61	1.20	1.89	
70	221.09	-1.88	8.56	Student	-9.08	-6.36	-4.04	-2.95	-1.88	-0.80	0.29	2.61	5.32	
	216.71	-0.01	2.18	School	-1.84	-1.15	-0.56	-0.28	-0.01	0.26	0.54	1.13	1.82	
75	223.41	-2.48	8.56	Student	-9.69	-6.97	-4.65	-3.56	-2.48	-1.41	-0.32	2.00	4.72	
	217.77	-0.08	2.18	School	-1.92	-1.23	-0.64	-0.36	-0.08	0.19	0.47	1.06	1.75	
80	225.99	-3.16	8.56	Student	-10.4	-7.65	-5.33	-4.24	-3.16	-2.08	-0.99	1.33	4.04	
	218.95	-0.16	2.18	School	-2.00	-1.31	-0.72	-0.44	-0.16	0.11	0.39	0.98	1.67	
85	229.00	-3.95	8.56	Student	-11.1	-8.43	-6.12	-5.02	-3.95	-2.87	-1.78	0.54	3.25	
	220.33	-0.26	2.18	School	-2.09	-1.40	-0.81	-0.53	-0.26	0.01	0.29	0.88	1.57	
90	232.79	-4.94	8.56	Student	-12.1	-9.43	-7.11	-6.01	-4.94	-3.86	-2.77	-0.45	2.26	
	222.07	-0.38	2.18	School	-2.21	-1.52	-0.93	-0.65	-0.38	-0.10	0.17	0.76	1.46	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.59: Science Grade 10
Last Spring To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP	Conditional Growth									
		Mean	SD		CGI	20	30	40	45	50	55	60	70	80
10	193.20	5.57	7.80	Student	-1.00	1.47	3.59	4.59	5.57	6.55	7.54	9.66	12.13	
	203.91	2.21	2.15	School	0.40	1.08	1.66	1.94	2.21	2.48	2.75	3.34	4.02	
15	196.98	4.94	7.80	Student	-1.63	0.85	2.96	3.96	4.94	5.92	6.92	9.03	11.51	
	205.65	2.22	2.15	School	0.41	1.10	1.68	1.95	2.22	2.50	2.77	3.35	4.04	
20	199.99	4.44	7.80	Student	-2.13	0.35	2.47	3.46	4.44	5.42	6.42	8.54	11.01	
	207.03	2.24	2.15	School	0.43	1.11	1.69	1.97	2.24	2.51	2.78	3.37	4.05	
25	202.57	4.02	7.80	Student	-2.55	-0.08	2.04	3.04	4.02	5.00	5.99	8.11	10.58	
	208.21	2.25	2.15	School	0.44	1.12	1.70	1.98	2.25	2.52	2.79	3.38	4.06	
30	204.89	3.63	7.80	Student	-2.93	-0.46	1.66	2.65	3.63	4.61	5.61	7.73	10.20	
	209.28	2.26	2.15	School	0.45	1.13	1.71	1.99	2.26	2.53	2.80	3.39	4.07	
35	207.04	3.28	7.80	Student	-3.29	-0.81	1.30	2.30	3.28	4.26	5.26	7.37	9.85	
	210.26	2.27	2.15	School	0.46	1.14	1.72	2.00	2.27	2.54	2.81	3.40	4.08	
40	209.08	2.94	7.80	Student	-3.63	-1.15	0.96	1.96	2.94	3.92	4.92	7.03	9.51	
	211.20	2.28	2.15	School	0.47	1.15	1.73	2.01	2.28	2.55	2.82	3.41	4.09	
45	211.05	2.62	7.80	Student	-3.95	-1.48	0.64	1.63	2.62	3.60	4.59	6.71	9.18	
	212.10	2.29	2.15	School	0.48	1.16	1.74	2.02	2.29	2.56	2.83	3.41	4.10	
50	212.99	2.29	7.80	Student	-4.27	-1.80	0.32	1.31	2.29	3.28	4.27	6.39	8.86	
	212.99	2.29	2.15	School	0.48	1.17	1.75	2.02	2.29	2.57	2.84	3.42	4.11	
55	214.93	1.97	7.80	Student	-4.59	-2.12	-0.00	0.99	1.97	2.95	3.95	6.07	8.54	
	213.88	2.30	2.15	School	0.49	1.17	1.76	2.03	2.30	2.57	2.85	3.43	4.11	
60	216.91	1.65	7.80	Student	-4.92	-2.44	-0.33	0.67	1.65	2.63	3.63	5.74	8.22	
	214.79	2.31	2.15	School	0.50	1.18	1.77	2.04	2.31	2.58	2.86	3.44	4.12	
65	218.94	1.31	7.80	Student	-5.26	-2.78	-0.67	0.33	1.31	2.29	3.29	5.40	7.88	
	215.72	2.32	2.15	School	0.51	1.19	1.78	2.05	2.32	2.59	2.87	3.45	4.13	
70	221.09	0.96	7.80	Student	-5.61	-3.14	-1.02	-0.02	0.96	1.94	2.93	5.05	7.52	
	216.71	2.33	2.15	School	0.52	1.20	1.79	2.06	2.33	2.60	2.88	3.46	4.14	
75	223.41	0.57	7.80	Student	-6.00	-3.52	-1.40	-0.41	0.57	1.55	2.55	4.67	7.14	
	217.77	2.34	2.15	School	0.53	1.21	1.80	2.07	2.34	2.61	2.89	3.47	4.15	
80	225.99	0.15	7.80	Student	-6.42	-3.95	-1.83	-0.83	0.15	1.13	2.12	4.24	6.71	
	218.95	2.35	2.15	School	0.54	1.22	1.81	2.08	2.35	2.62	2.90	3.48	4.16	
85	229.00	-0.35	7.80	Student	-6.92	-4.44	-2.33	-1.33	-0.35	0.63	1.63	3.74	6.22	
	220.33	2.36	2.15	School	0.55	1.24	1.82	2.09	2.36	2.64	2.91	3.49	4.18	
90	232.79	-0.98	7.80	Student	-7.54	-5.07	-2.95	-1.96	-0.98	0.00	1.00	3.12	5.59	
	222.07	2.38	2.15	School	0.57	1.25	1.84	2.11	2.38	2.65	2.93	3.51	4.19	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.60: Science Grade 10
Fall To Winter Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	194.97	3.27	6.15	Student	-1.91	0.04	1.71	2.49	3.27	4.04	4.83	6.49	8.44	
	204.33	1.53	1.12	School	0.58	0.94	1.24	1.38	1.53	1.67	1.81	2.11	2.47	
15	198.46	2.97	6.15	Student	-2.21	-0.25	1.41	2.20	2.97	3.74	4.53	6.20	8.15	
	206.03	1.56	1.12	School	0.62	0.97	1.28	1.42	1.56	1.70	1.85	2.15	2.51	
20	201.24	2.73	6.15	Student	-2.44	-0.49	1.18	1.96	2.73	3.51	4.29	5.96	7.91	
	207.39	1.59	1.12	School	0.65	1.00	1.31	1.45	1.59	1.73	1.88	2.18	2.54	
25	203.62	2.53	6.15	Student	-2.64	-0.69	0.97	1.76	2.53	3.30	4.09	5.76	7.71	
	208.55	1.62	1.12	School	0.67	1.03	1.33	1.47	1.62	1.76	1.90	2.20	2.56	
30	205.76	2.35	6.15	Student	-2.83	-0.87	0.79	1.58	2.35	3.12	3.91	5.58	7.53	
	209.59	1.64	1.12	School	0.69	1.05	1.35	1.50	1.64	1.78	1.92	2.23	2.58	
35	207.74	2.18	6.15	Student	-2.99	-1.04	0.62	1.41	2.18	2.95	3.74	5.41	7.36	
	210.56	1.66	1.12	School	0.71	1.07	1.37	1.52	1.66	1.80	1.94	2.25	2.60	
40	209.62	2.02	6.15	Student	-3.15	-1.20	0.46	1.25	2.02	2.80	3.58	5.25	7.20	
	211.48	1.68	1.12	School	0.73	1.09	1.39	1.54	1.68	1.82	1.96	2.27	2.62	
45	211.44	1.87	6.15	Student	-3.31	-1.36	0.31	1.09	1.87	2.64	3.43	5.09	7.04	
	212.36	1.70	1.12	School	0.75	1.11	1.41	1.56	1.70	1.84	1.98	2.29	2.64	
50	213.24	1.72	6.15	Student	-3.46	-1.51	0.16	0.94	1.72	2.49	3.27	4.94	6.89	
	213.24	1.72	1.12	School	0.77	1.13	1.43	1.57	1.72	1.86	2.00	2.30	2.66	
55	215.03	1.56	6.15	Student	-3.61	-1.66	0.01	0.79	1.56	2.34	3.12	4.79	6.74	
	214.11	1.73	1.12	School	0.79	1.15	1.45	1.59	1.73	1.88	2.02	2.32	2.68	
60	216.85	1.41	6.15	Student	-3.77	-1.82	-0.15	0.64	1.41	2.18	2.97	4.63	6.58	
	215.00	1.75	1.12	School	0.81	1.16	1.47	1.61	1.75	1.89	2.04	2.34	2.70	
65	218.73	1.25	6.15	Student	-3.93	-1.98	-0.31	0.48	1.25	2.02	2.81	4.47	6.42	
	215.91	1.77	1.12	School	0.83	1.18	1.49	1.63	1.77	1.91	2.06	2.36	2.72	
70	220.71	1.08	6.15	Student	-4.10	-2.14	-0.48	0.31	1.08	1.85	2.64	4.31	6.26	
	216.88	1.79	1.12	School	0.85	1.20	1.51	1.65	1.79	1.93	2.08	2.38	2.74	
75	222.85	0.90	6.15	Student	-4.28	-2.33	-0.66	0.13	0.90	1.67	2.46	4.12	6.07	
	217.92	1.82	1.12	School	0.87	1.23	1.53	1.67	1.82	1.96	2.10	2.40	2.76	
80	225.23	0.70	6.15	Student	-4.48	-2.53	-0.86	-0.08	0.70	1.47	2.25	3.92	5.87	
	219.08	1.84	1.12	School	0.90	1.25	1.56	1.70	1.84	1.98	2.12	2.43	2.78	
85	228.01	0.46	6.15	Student	-4.71	-2.76	-1.10	-0.31	0.46	1.23	2.02	3.69	5.64	
	220.44	1.87	1.12	School	0.92	1.28	1.58	1.73	1.87	2.01	2.15	2.46	2.81	
90	231.51	0.16	6.15	Student	-5.01	-3.06	-1.39	-0.61	0.16	0.94	1.72	3.39	5.34	
	222.14	1.91	1.12	School	0.96	1.32	1.62	1.76	1.91	2.05	2.19	2.49	2.85	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.61: Science Grade 10
Fall To Spring Conditional Growth Percentile

Start Status %ile	RIT	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	194.97	3.84	7.86	Student	-2.78	-0.28	1.85	2.85	3.84	4.83	5.84	7.97	10.46	
	204.33	1.72	1.95	School	0.08	0.69	1.22	1.47	1.72	1.96	2.21	2.74	3.36	
15	198.46	3.50	7.86	Student	-3.12	-0.62	1.51	2.51	3.50	4.49	5.49	7.62	10.12	
	206.03	1.78	1.95	School	0.14	0.76	1.29	1.54	1.78	2.03	2.28	2.81	3.43	
20	201.24	3.23	7.86	Student	-3.39	-0.90	1.24	2.24	3.23	4.22	5.22	7.35	9.85	
	207.39	1.83	1.95	School	0.19	0.81	1.34	1.59	1.83	2.08	2.33	2.86	3.48	
25	203.62	2.99	7.86	Student	-3.62	-1.13	1.00	2.01	2.99	3.98	4.99	7.12	9.61	
	208.55	1.88	1.95	School	0.23	0.85	1.38	1.63	1.88	2.12	2.37	2.90	3.52	
30	205.76	2.78	7.86	Student	-3.83	-1.34	0.79	1.80	2.78	3.77	4.78	6.91	9.40	
	209.59	1.91	1.95	School	0.27	0.89	1.42	1.67	1.91	2.16	2.41	2.94	3.56	
35	207.74	2.59	7.86	Student	-4.03	-1.53	0.60	1.60	2.59	3.58	4.58	6.71	9.21	
	210.56	1.95	1.95	School	0.31	0.93	1.46	1.71	1.95	2.20	2.45	2.98	3.59	
40	209.62	2.41	7.86	Student	-4.21	-1.72	0.41	1.42	2.41	3.39	4.40	6.53	9.02	
	211.48	1.99	1.95	School	0.34	0.96	1.49	1.74	1.99	2.23	2.48	3.01	3.63	
45	211.44	2.23	7.86	Student	-4.39	-1.90	0.23	1.24	2.23	3.21	4.22	6.35	8.85	
	212.36	2.02	1.95	School	0.37	0.99	1.52	1.77	2.02	2.26	2.51	3.04	3.66	
50	213.24	2.05	7.86	Student	-4.57	-2.07	0.06	1.06	2.05	3.04	4.04	6.17	8.67	
	213.24	2.05	1.95	School	0.41	1.03	1.56	1.81	2.05	2.30	2.55	3.07	3.69	
55	215.03	1.88	7.86	Student	-4.74	-2.25	-0.12	0.89	1.88	2.86	3.87	6.00	8.49	
	214.11	2.08	1.95	School	0.44	1.06	1.59	1.84	2.08	2.33	2.58	3.11	3.73	
60	216.85	1.70	7.86	Student	-4.92	-2.43	-0.30	0.71	1.70	2.68	3.69	5.82	8.32	
	215.00	2.12	1.95	School	0.47	1.09	1.62	1.87	2.12	2.36	2.61	3.14	3.76	
65	218.73	1.51	7.86	Student	-5.11	-2.61	-0.48	0.52	1.51	2.50	3.50	5.64	8.13	
	215.91	2.15	1.95	School	0.51	1.13	1.66	1.91	2.15	2.40	2.65	3.17	3.79	
70	220.71	1.32	7.86	Student	-5.30	-2.81	-0.67	0.33	1.32	2.31	3.31	5.44	7.94	
	216.88	2.19	1.95	School	0.54	1.16	1.69	1.94	2.19	2.43	2.68	3.21	3.83	
75	222.85	1.11	7.86	Student	-5.51	-3.02	-0.88	0.12	1.11	2.10	3.10	5.23	7.73	
	217.92	2.23	1.95	School	0.58	1.20	1.73	1.98	2.23	2.47	2.72	3.25	3.87	
80	225.23	0.87	7.86	Student	-5.74	-3.25	-1.12	-0.11	0.87	1.86	2.87	5.00	7.49	
	219.08	2.27	1.95	School	0.63	1.24	1.77	2.02	2.27	2.51	2.76	3.29	3.91	
85	228.01	0.60	7.86	Student	-6.02	-3.52	-1.39	-0.39	0.60	1.59	2.59	4.73	7.22	
	220.44	2.32	1.95	School	0.68	1.30	1.82	2.07	2.32	2.56	2.81	3.34	3.96	
90	231.51	0.26	7.86	Student	-6.36	-3.87	-1.73	-0.73	0.26	1.25	2.25	4.38	6.88	
	222.14	2.38	1.95	School	0.74	1.36	1.89	2.14	2.38	2.63	2.88	3.41	4.03	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.62: Science Grade 10
Fall To N Fall Conditional Growth Percentile

Start %ile	Status RIT	Growth		CGP CGI	Conditional Growth																
		Mean	SD		20	30	40	45	50	55	60	70	80								
10	194.97	0.66	6.88	Student	-5.13	-2.95	-1.08	-0.20	0.66	1.53	2.41	4.27	6.45								
	204.33	0.62	1.39	School	-0.55	-0.11	0.27	0.45	0.62	0.80	0.97	1.35	1.79								
15	198.46	0.78	6.88	Student	-5.01	-2.83	-0.96	-0.08	0.78	1.65	2.53	4.39	6.57								
	206.03	0.75	1.39	School	-0.42	0.02	0.40	0.57	0.75	0.92	1.10	1.48	1.92								
20	201.24	0.88	6.88	Student	-4.91	-2.73	-0.87	0.01	0.88	1.74	2.62	4.49	6.67								
	207.39	0.85	1.39	School	-0.32	0.12	0.50	0.67	0.85	1.02	1.20	1.58	2.02								
25	203.62	0.96	6.88	Student	-4.83	-2.65	-0.79	0.09	0.96	1.82	2.70	4.57	6.75								
	208.55	0.94	1.39	School	-0.23	0.21	0.58	0.76	0.94	1.11	1.29	1.67	2.11								
30	205.76	1.03	6.88	Student	-4.76	-2.58	-0.71	0.17	1.03	1.90	2.77	4.64	6.82								
	209.59	1.01	1.39	School	-0.16	0.29	0.66	0.84	1.01	1.19	1.37	1.74	2.18								
35	207.74	1.10	6.88	Student	-4.69	-2.51	-0.64	0.23	1.10	1.96	2.84	4.71	6.89								
	210.56	1.09	1.39	School	-0.08	0.36	0.73	0.91	1.09	1.26	1.44	1.82	2.26								
40	209.62	1.16	6.88	Student	-4.63	-2.45	-0.58	0.30	1.16	2.03	2.91	4.77	6.96								
	211.48	1.16	1.39	School	-0.01	0.43	0.80	0.98	1.16	1.33	1.51	1.88	2.32								
45	211.44	1.23	6.88	Student	-4.57	-2.38	-0.52	0.36	1.23	2.09	2.97	4.83	7.02								
	212.36	1.22	1.39	School	0.05	0.49	0.87	1.05	1.22	1.40	1.57	1.95	2.39								
50	213.24	1.29	6.88	Student	-4.50	-2.32	-0.46	0.42	1.29	2.15	3.03	4.90	7.08								
	213.24	1.29	1.39	School	0.12	0.56	0.93	1.11	1.29	1.46	1.64	2.02	2.46								
55	215.03	1.35	6.88	Student	-4.44	-2.26	-0.40	0.48	1.35	2.21	3.09	4.96	7.14								
	214.11	1.35	1.39	School	0.18	0.62	1.00	1.18	1.35	1.53	1.70	2.08	2.52								
60	216.85	1.41	6.88	Student	-4.38	-2.20	-0.33	0.55	1.41	2.27	3.15	5.02	7.20								
	215.00	1.42	1.39	School	0.25	0.69	1.07	1.24	1.42	1.59	1.77	2.15	2.59								
65	218.73	1.47	6.88	Student	-4.32	-2.13	-0.27	0.61	1.47	2.34	3.22	5.08	7.27								
	215.91	1.49	1.39	School	0.32	0.76	1.13	1.31	1.49	1.66	1.84	2.22	2.66								
70	220.71	1.54	6.88	Student	-4.25	-2.07	-0.20	0.68	1.54	2.41	3.29	5.15	7.33								
	216.88	1.56	1.39	School	0.39	0.83	1.21	1.38	1.56	1.73	1.91	2.29	2.73								
75	222.85	1.62	6.88	Student	-4.18	-1.99	-0.13	0.75	1.62	2.48	3.36	5.22	7.41								
	217.92	1.64	1.39	School	0.47	0.91	1.28	1.46	1.64	1.81	1.99	2.37	2.81								
80	225.23	1.70	6.88	Student	-4.09	-1.91	-0.05	0.83	1.70	2.56	3.44	5.31	7.49								
	219.08	1.72	1.39	School	0.55	1.00	1.37	1.55	1.72	1.90	2.08	2.45	2.89								
85	228.01	1.79	6.88	Student	-4.00	-1.82	0.05	0.93	1.79	2.66	3.53	5.40	7.58								
	220.44	1.83	1.39	School	0.66	1.10	1.47	1.65	1.83	2.00	2.18	2.55	2.99								
90	231.51	1.91	6.88	Student	-3.88	-1.70	0.17	1.05	1.91	2.78	3.65	5.52	7.70								
	222.14	1.95	1.39	School	0.78	1.22	1.60	1.78	1.95	2.13	2.30	2.68	3.12								

CGI - Conditional Growth Index CGP - Conditional Growth Percentile

Table E.4.63: Science Grade 10
Winter To Spring Conditional Growth Percentile

Start %ile	Status	Growth		CGP CGI	Conditional Growth									
		Mean	SD		20	30	40	45	50	55	60	70	80	
10	196.47	1.00	5.82	Student	-3.90	-2.05	-0.47	0.27	1.00	1.73	2.47	4.05	5.89	
	205.74	0.03	0.82	School	-0.66	-0.40	-0.18	-0.07	0.03	0.13	0.24	0.46	0.72	
15	200.00	0.87	5.82	Student	-4.02	-2.18	-0.60	0.14	0.87	1.60	2.34	3.92	5.77	
	207.50	0.09	0.82	School	-0.60	-0.34	-0.12	-0.01	0.09	0.19	0.30	0.52	0.78	
20	202.81	0.77	5.82	Student	-4.12	-2.28	-0.70	0.04	0.77	1.50	2.24	3.82	5.67	
	208.90	0.14	0.82	School	-0.56	-0.29	-0.07	0.03	0.14	0.24	0.34	0.57	0.83	
25	205.22	0.68	5.82	Student	-4.21	-2.37	-0.79	-0.05	0.68	1.41	2.16	3.73	5.58	
	210.10	0.18	0.82	School	-0.52	-0.26	-0.03	0.07	0.18	0.28	0.38	0.61	0.87	
30	207.39	0.61	5.82	Student	-4.29	-2.44	-0.87	-0.12	0.61	1.34	2.08	3.66	5.50	
	211.18	0.21	0.82	School	-0.48	-0.22	0.00	0.11	0.21	0.31	0.42	0.64	0.90	
35	209.39	0.53	5.82	Student	-4.36	-2.51	-0.94	-0.20	0.53	1.27	2.01	3.58	5.43	
	212.18	0.24	0.82	School	-0.45	-0.19	0.04	0.14	0.24	0.35	0.45	0.67	0.93	
40	211.30	0.47	5.82	Student	-4.43	-2.58	-1.01	-0.26	0.47	1.20	1.94	3.52	5.36	
	213.13	0.28	0.82	School	-0.42	-0.16	0.07	0.17	0.28	0.38	0.48	0.71	0.97	
45	213.14	0.40	5.82	Student	-4.49	-2.65	-1.07	-0.33	0.40	1.13	1.87	3.45	5.29	
	214.05	0.31	0.82	School	-0.39	-0.12	0.10	0.20	0.31	0.41	0.51	0.74	1.00	
50	214.95	0.34	5.82	Student	-4.56	-2.71	-1.14	-0.40	0.34	1.07	1.81	3.38	5.23	
	214.95	0.34	0.82	School	-0.36	-0.10	0.13	0.23	0.34	0.44	0.54	0.77	1.03	
55	216.76	0.27	5.82	Student	-4.62	-2.78	-1.20	-0.46	0.27	1.00	1.74	3.32	5.16	
	215.85	0.37	0.82	School	-0.33	-0.07	0.16	0.26	0.37	0.47	0.57	0.80	1.06	
60	218.61	0.20	5.82	Student	-4.69	-2.85	-1.27	-0.53	0.20	0.93	1.68	3.25	5.10	
	216.77	0.40	0.82	School	-0.30	-0.03	0.19	0.29	0.40	0.50	0.60	0.83	1.09	
65	220.51	0.14	5.82	Student	-4.76	-2.91	-1.34	-0.59	0.14	0.87	1.61	3.19	5.03	
	217.72	0.43	0.82	School	-0.26	-0.00	0.22	0.32	0.43	0.53	0.63	0.86	1.12	
70	222.51	0.06	5.82	Student	-4.83	-2.99	-1.41	-0.67	0.06	0.79	1.54	3.11	4.96	
	218.72	0.46	0.82	School	-0.23	0.03	0.25	0.36	0.46	0.56	0.67	0.89	1.15	
75	224.68	-0.01	5.82	Student	-4.91	-3.06	-1.49	-0.74	-0.01	0.72	1.46	3.04	4.88	
	219.80	0.50	0.82	School	-0.20	0.07	0.29	0.39	0.50	0.60	0.70	0.93	1.19	
80	227.09	-0.10	5.82	Student	-4.99	-3.15	-1.57	-0.83	-0.10	0.63	1.37	2.95	4.79	
	221.00	0.54	0.82	School	-0.16	0.10	0.33	0.43	0.54	0.64	0.74	0.97	1.23	
85	229.90	-0.20	5.82	Student	-5.10	-3.25	-1.67	-0.93	-0.20	0.53	1.27	2.85	4.69	
	222.40	0.58	0.82	School	-0.11	0.15	0.37	0.48	0.58	0.68	0.79	1.01	1.27	
90	233.43	-0.33	5.82	Student	-5.22	-3.38	-1.80	-1.06	-0.33	0.40	1.15	2.72	4.57	
	224.16	0.64	0.82	School	-0.05	0.21	0.43	0.54	0.64	0.74	0.85	1.07	1.33	

CGI - Conditional Growth Index CGP - Conditional Growth Percentile