



# Waterford School District

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NWEA MAPS TEST RESULTS, FALL, 2016-SPRING, 2017

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LEARNING SERVICES



## NWEA: What is Conditional Growth Percentile?

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The conditional growth percentile, or CGP, is a district's/school's/student's percentile rank for growth. If a student's CGP is 50, this means that the student's growth was greater than 50 percent of all students in the NWEA norm group. Students are measured with regard to starting achievement level, grade, subject area, and number of instructional weeks between test events.

A student who demonstrated growth equivalent to that of all students (that is, equal to the student growth norms) will have a CGP of 50. Growth greater than the norm would result in a percentile rank higher than the 50th percentile, and growth less than the norm would result in a percentile rank lower than the 50th percentile. CGPs range from the 1st to 99th percentile.



# Conditional Growth Percentile in Elementary Math

		Mathematics Fall 2016 – Spring 2017									
Grade	District	NWEA	Beaumont	Cooley	Donelson Hills	Grayson	Haviland	Houghton	Knudsen	Riverside	Schoolcraft
KDG	87	50	52	44	57	99	17	99	86	97	88
1 <sup>st</sup>	93	50	36	91	97	94	92	89	74	99	99
2 <sup>nd</sup>	99	50	87	99	99	99	91	99	97	99	99
3 <sup>rd</sup>	86	50	93	95	31	85	86	99	9	99	81
4 <sup>th</sup>	75	50	58	96	14	47	99	67	19	99	93
5 <sup>th</sup>	75	50	86	73	50	63	89	99	48	98	17



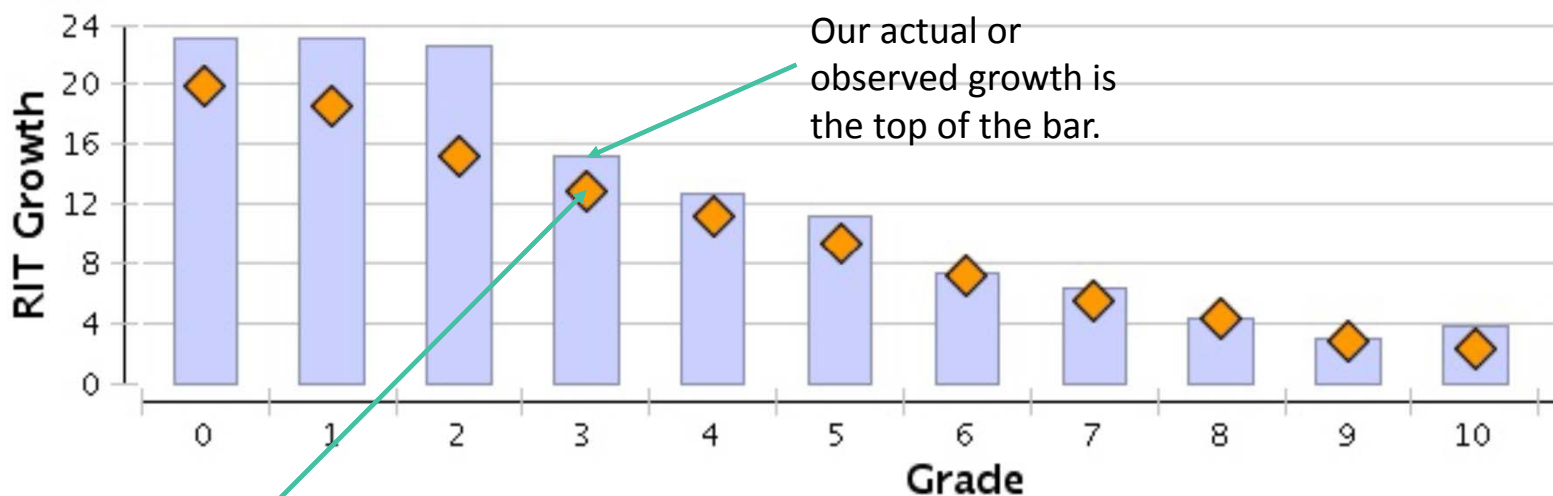
## Conditional Growth Percentile in Secondary Math

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	Mathematics Fall 2016 – Spring 2017						
Grade	District	NWEA	Mason	Pierce	Kettering	Mott	Durant
6 <sup>th</sup>	55	50	75	35			
7 <sup>th</sup>	66	50	62	69			
8 <sup>th</sup>	48	50	58	35			
9 <sup>th</sup>	54	50			62	46	
10 <sup>th</sup>	72	50			83	54	30



## District Summary of Projected Math Growth



NWEA projected our growth to be the center of the diamond. Either tip includes the standard deviation.

As grade levels increase, projected RIT score growth intervals become smaller.



# Conditional Growth Percentile in Elementary Reading

Reading Fall 2016 – Spring 2017											
Grade	District	NWEA	Beaumont	Cooley	Donelson Hills	Grayson	Haviland	Houghton	Knudsen	Riverside	Schoolcraft
KDG	83	50	91	40	54	89	73	95	90	90	95
1 <sup>st</sup>	87	50	58	56	95	60	94	73	35	99	99
2 <sup>nd</sup>	82	50	96	77	97	81	68	80	52	73	94
3 <sup>rd</sup>	92	50	99	93	35	91	98	49	13	99	99
4 <sup>th</sup>	72	50	99	93	8	43	91	90	23	99	97
5 <sup>th</sup>	68	50	99	56	1	74	95	98	73	98	56



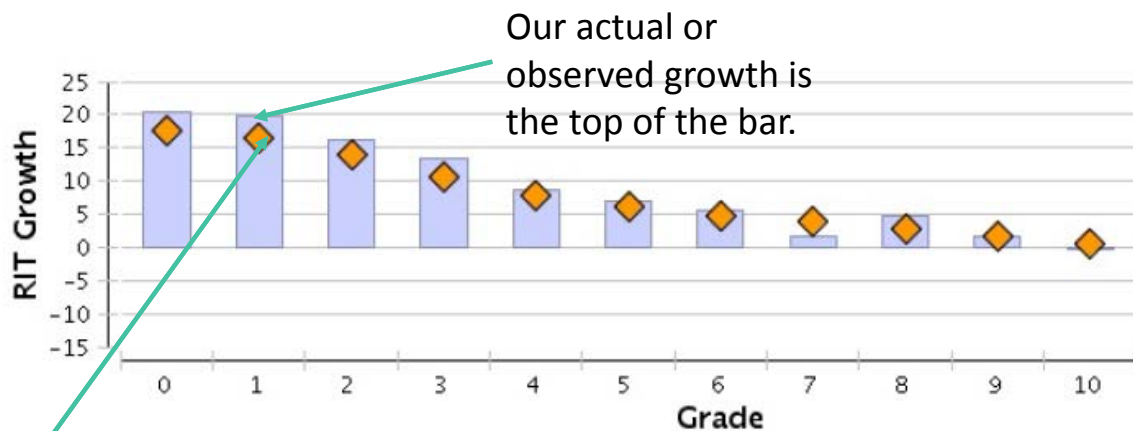
## Conditional Growth Percentile in Secondary Reading

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	Reading Fall 2016 – Spring 2017						
Grade	District	NWEA	Mason	Pierce	Kettering	Mott	Durant
6 <sup>th</sup>	65	50	81	44			
7 <sup>th</sup>	13	50	8	19			
8 <sup>th</sup>	81	50	71	89			
9 <sup>th</sup>	49	50			62	35	
10 <sup>th</sup>	37	50			46	30	1



# District Summary of Projected Reading Growth



NWEA projected our growth to be the center of the diamond. Either tip includes the standard deviation.

As grade levels increase, projected RIT score growth intervals become smaller.





## General Summary

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- In both reading and math, at most grade levels, we are demonstrating accelerated growth.
  - 7<sup>th</sup> and 10<sup>th</sup> grade reading are areas we are watching and working on. The CIA Department will continue working with teachers and administrators this year on curriculum development and materials in those grades.
  - The changes in curriculum and instruction we have implemented at the elementary are working.
  - Our plans with the middle and high schools are underway and will need consistency in order to gauge effectiveness. We will continue to use NWEA benchmark standards to investigate needed adjustments in curriculum and instruction.
  - In most areas, we are meeting or exceeding the national growth norms projected by NWEA.
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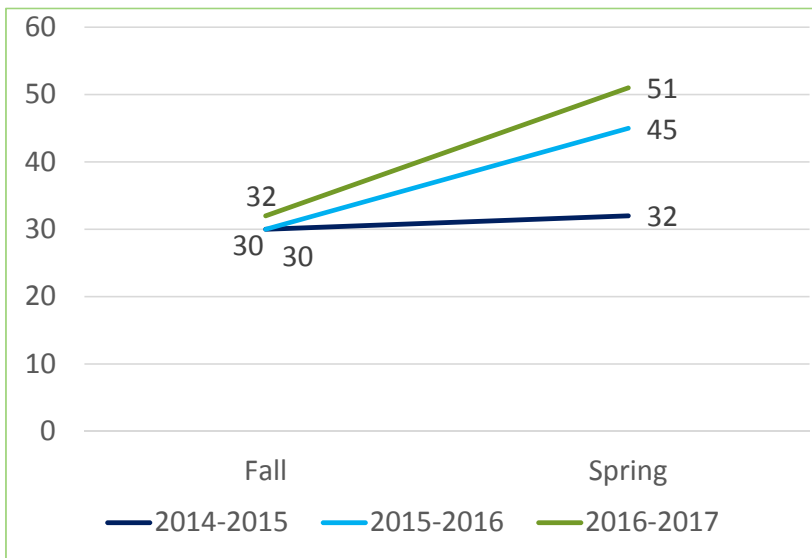


Questions?



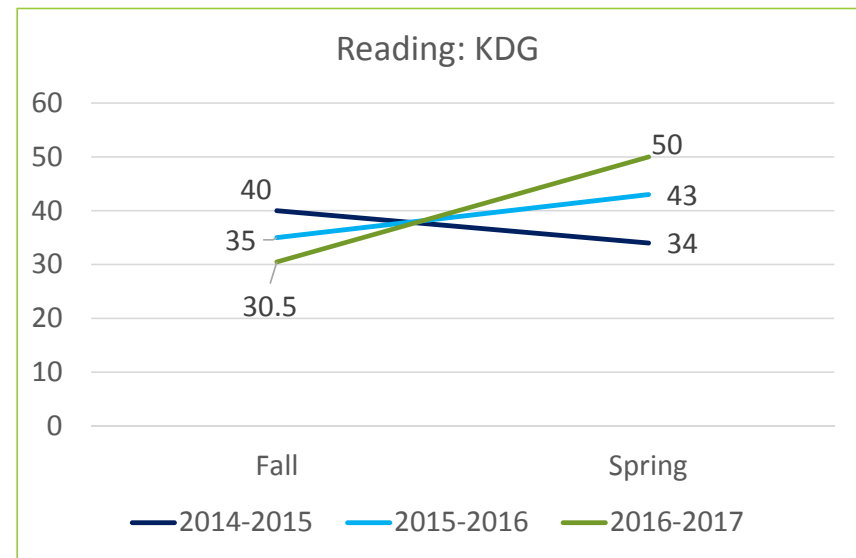
# Percent of Kindergarten Students Scoring at or Above the National Average

### Math



**87th  
Percentile (CGP)**

### Reading

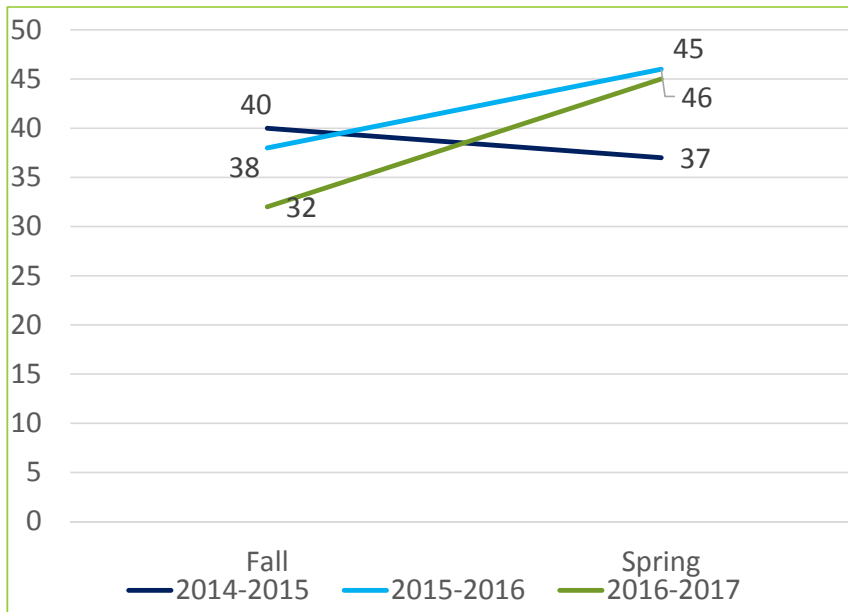


**83rd  
Percentile (CGP)**



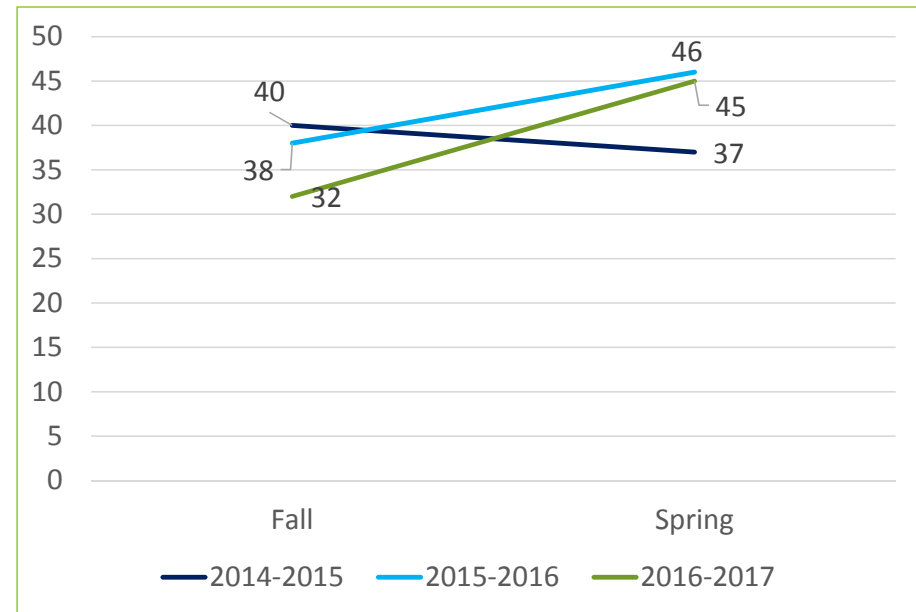
# Percent of 1<sup>st</sup> Grade Students Scoring at or Above the National Average

### Math



**93rd  
Percentile (CGP)**

### Reading

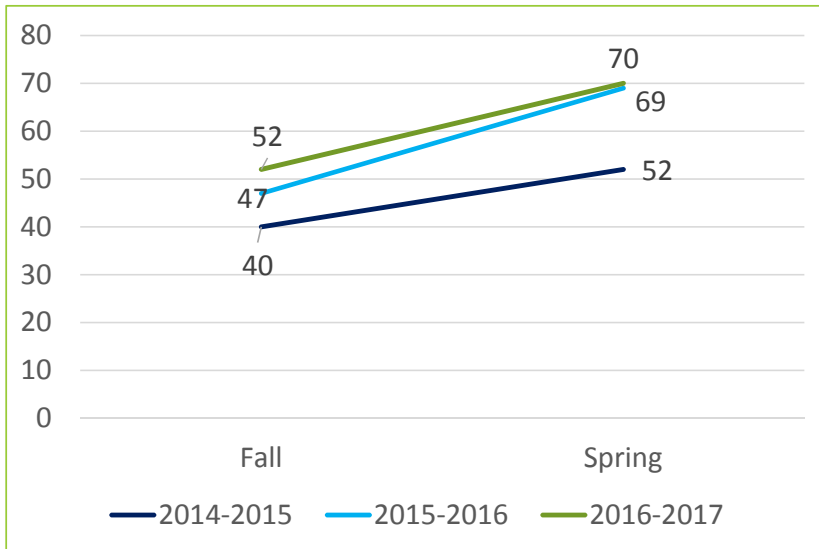


**87th  
Percentile (CGP)**



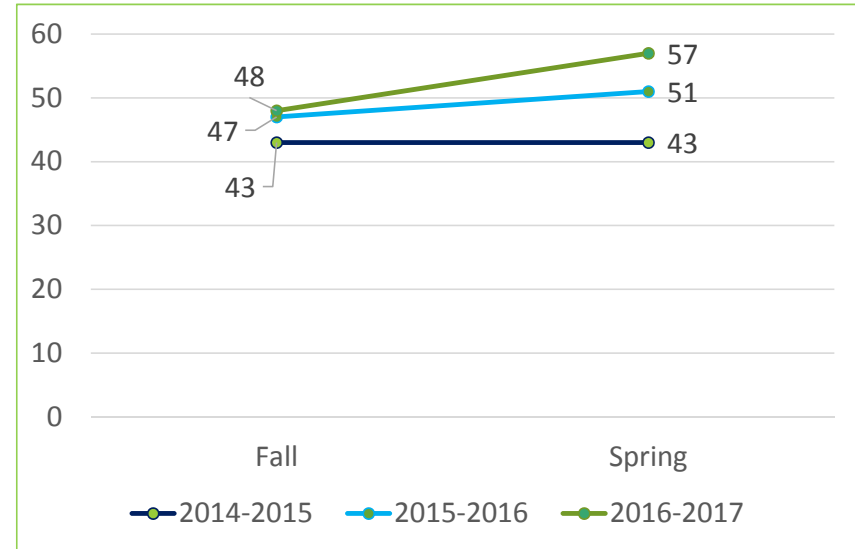
# Percent of 2nd Grade Students Scoring at or Above the National Average

### Math



**99th  
Percentile (CGP)**

### Reading

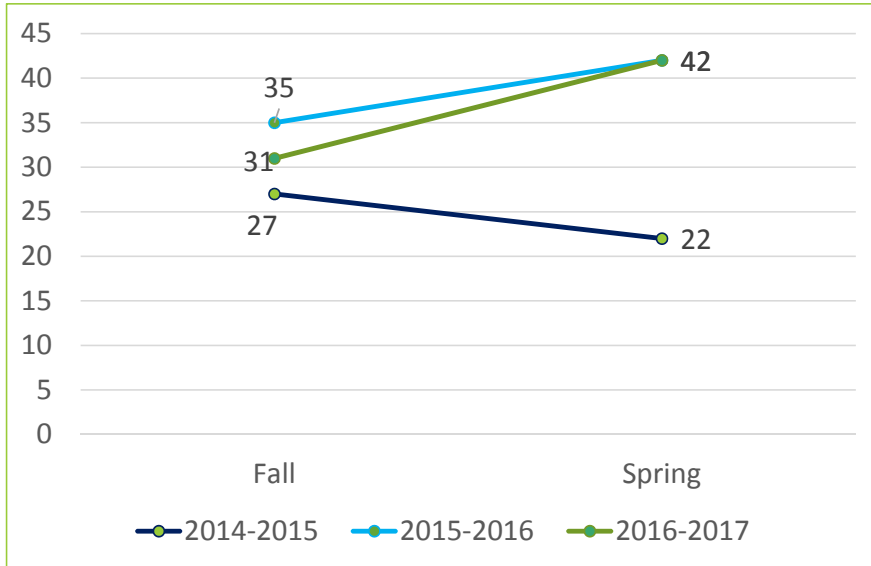


**82nd  
Percentile (CGP)**



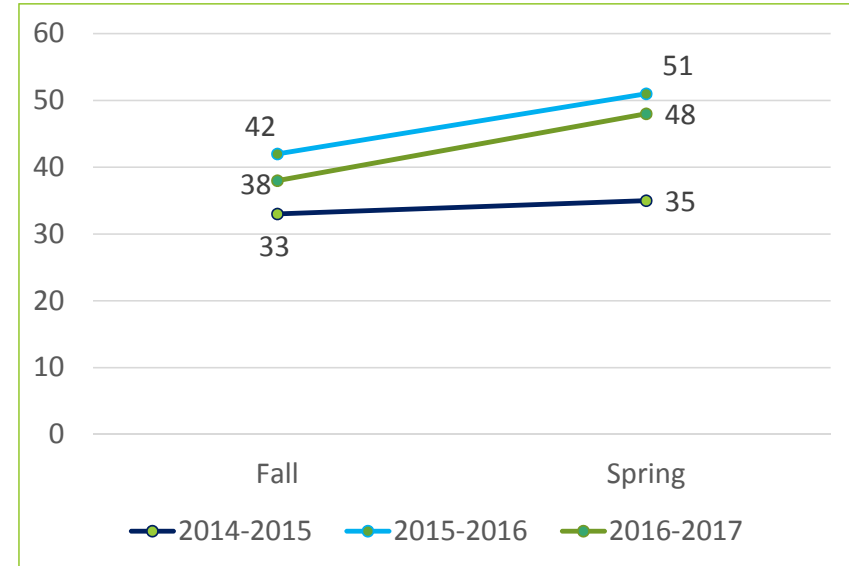
# Percent of 3rd Grade Students Scoring at or Above the National Average

### Math



**86th  
Percentile (CGP)**

### Reading

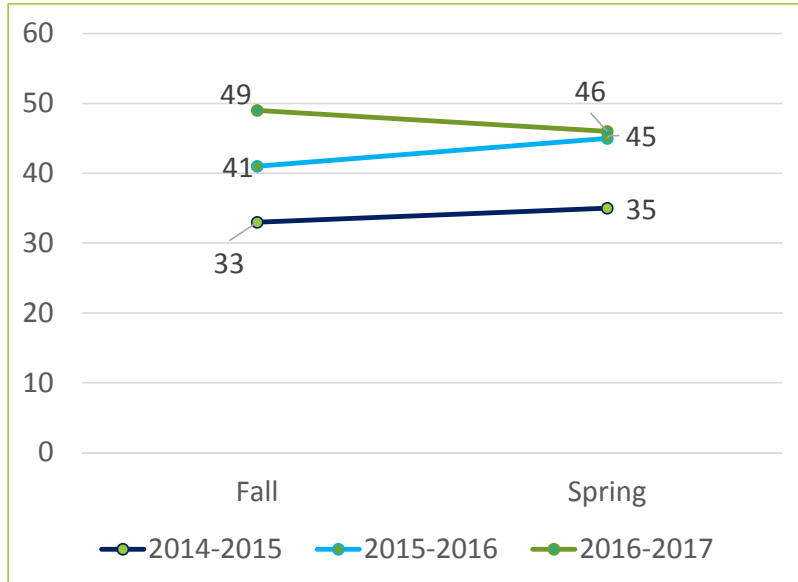


**92nd  
Percentile (CGP)**



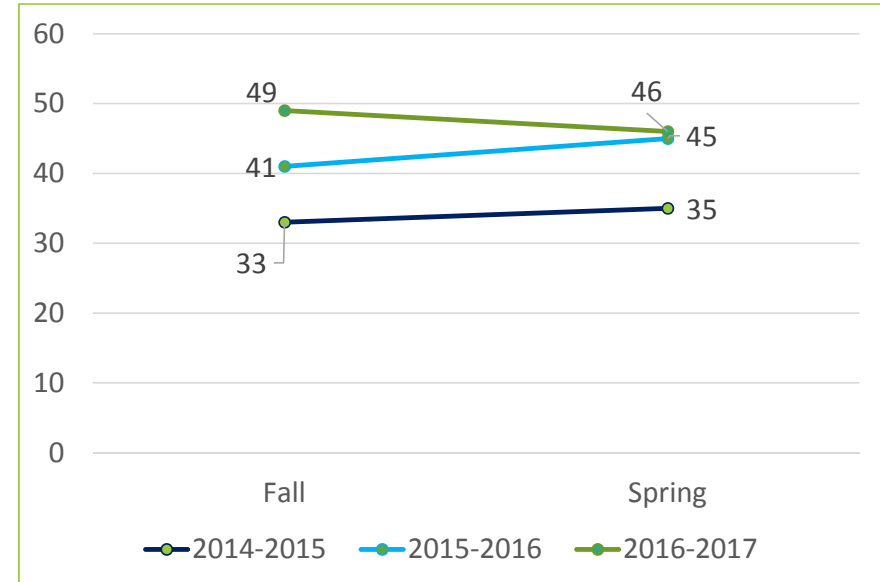
# Percent of 4th Grade Students Scoring at or Above the National Average

### Math



**75th  
Percentile (CGP)**

### Reading

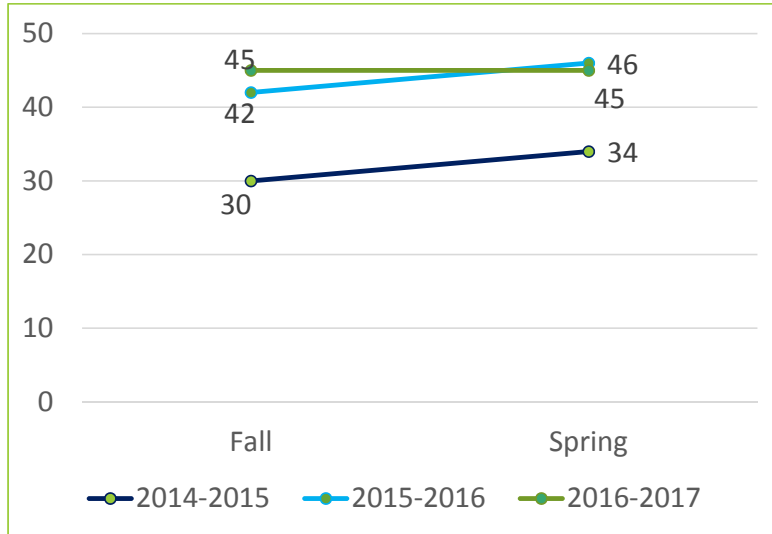


**72nd  
Percentile (CGP)**



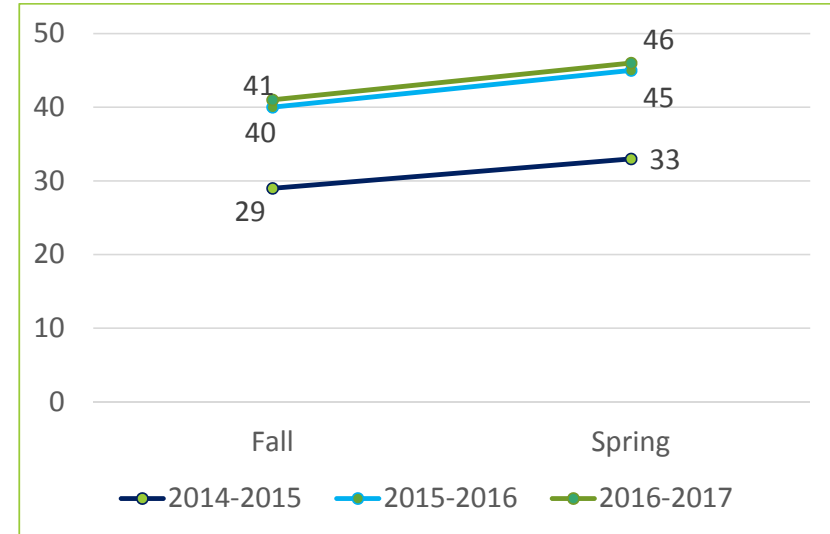
# Percent of 5th Grade Students Scoring at or Above the National Average

### Math



**75th  
Percentile (CGP)**

### Reading



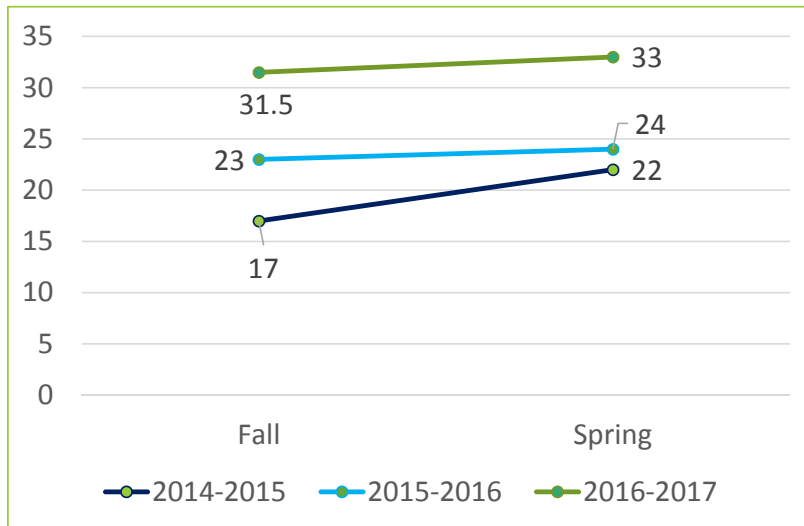
**75th  
percentile (CGP)**





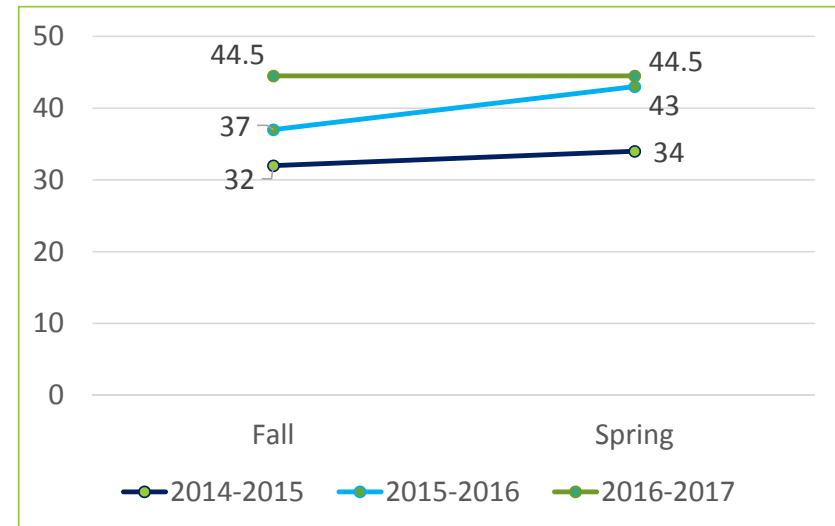
# Percent of 6th Grade Students Scoring at or Above the National Average

### Math



**66th  
Percentile (CGP)**

### Reading

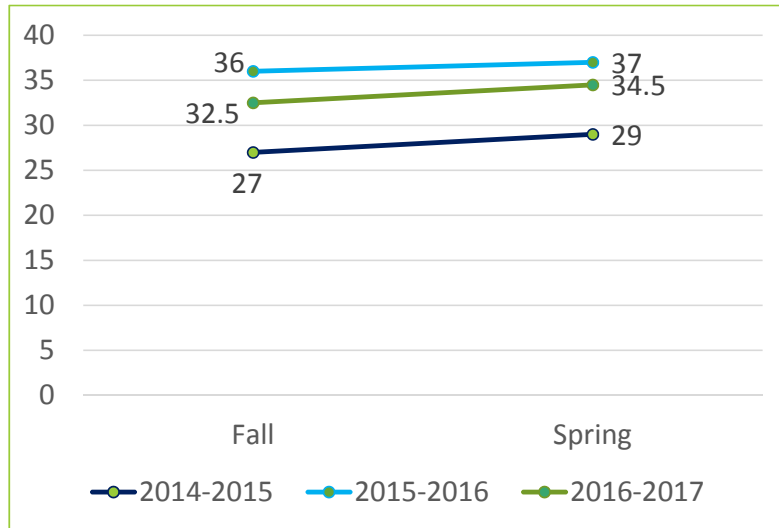


**65th  
Percentile (CGP)**



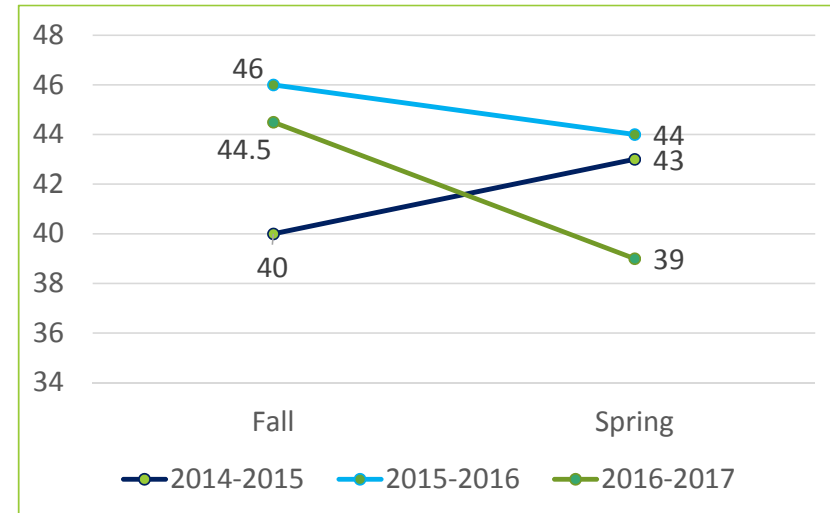
# Percent of 7th Grade Students Scoring at or Above the National Average

### Math



**66th  
Percentile (CGP)**

### Reading

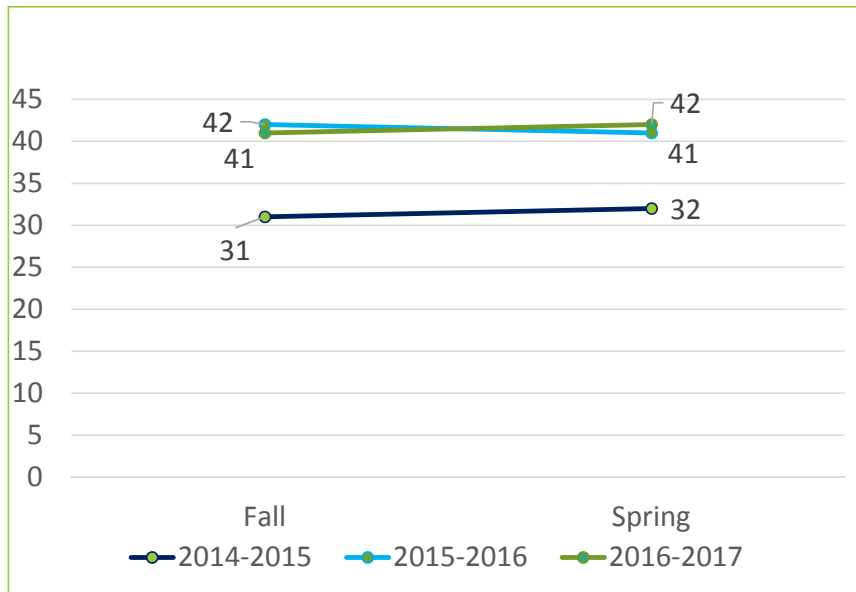


**13th  
Percentile (CGP)**



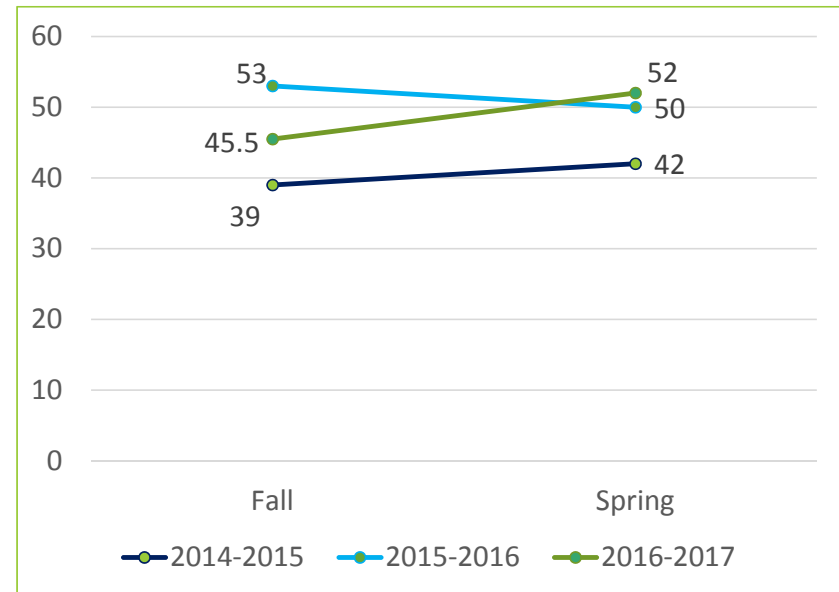
# Percent of 8th Grade Students Scoring at or Above the National Average

### Math



**48th  
Percentile (CGP)**

### Reading

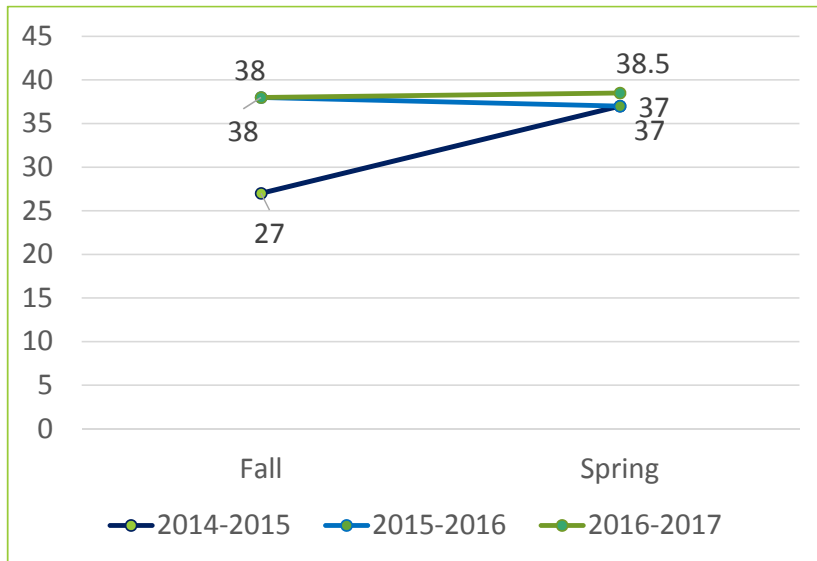


**81st  
Percentile (CGP)**



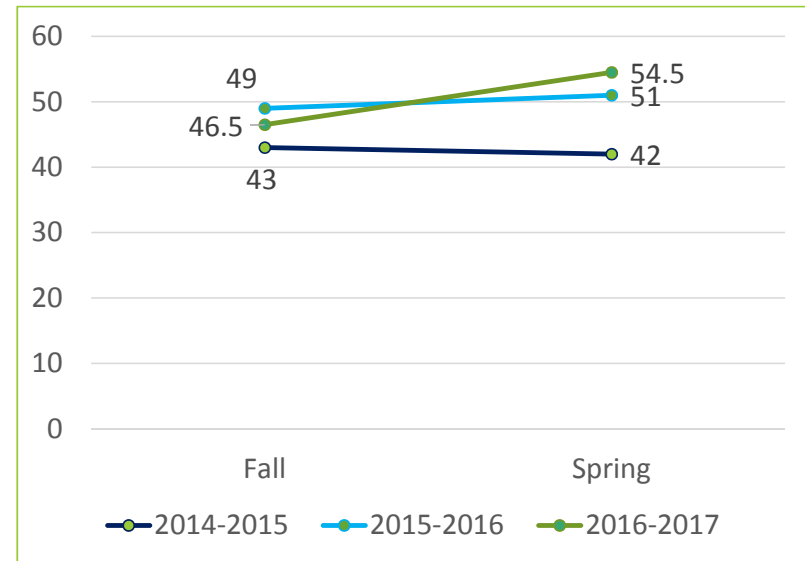
# Percent of 9th Grade Students Scoring at or Above the National Average

### Math



**54th  
Percentile (CGP)**

### Reading

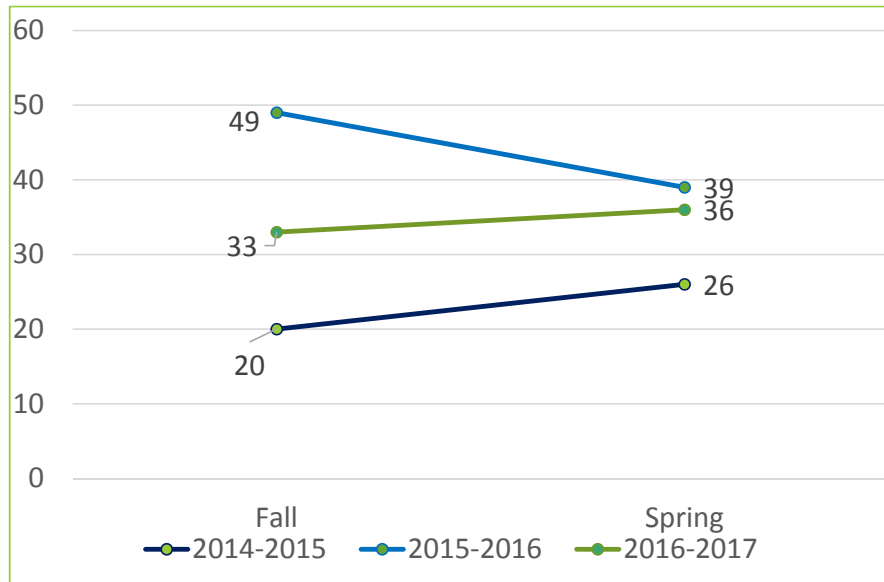


**49th  
Percentile (CGP)**



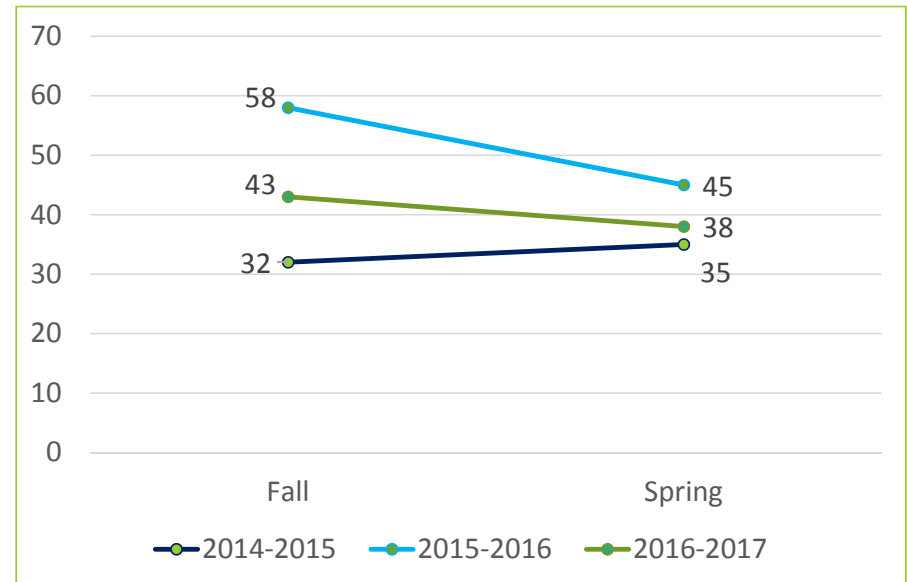
# Percent of 10th Grade Students Scoring at or Above the National Average

### Math



**72nd  
Percentile (CGP)**

### Reading



**37th  
Percentile (CGP)**