



End of Year

# Data and Implementation Review

*DOUGLAS CO SCHOOL DISTRICT R 1 EOY\_extended window*



## Mathematics Performance Review

## Who is Included in the Analysis?



**Fall Performance**

32,746 students

**Spring Performance**

33,695 students



**Growth**

32,664 students



**Personalized Instruction**

19,801 students

**Testing Windows:**

Fall 8/22/22-9/22/22

Winter 11/29/22-12/16/22

Spring 3/1/23-5/18/23

# Understanding i-Ready's Relative Placement Levels

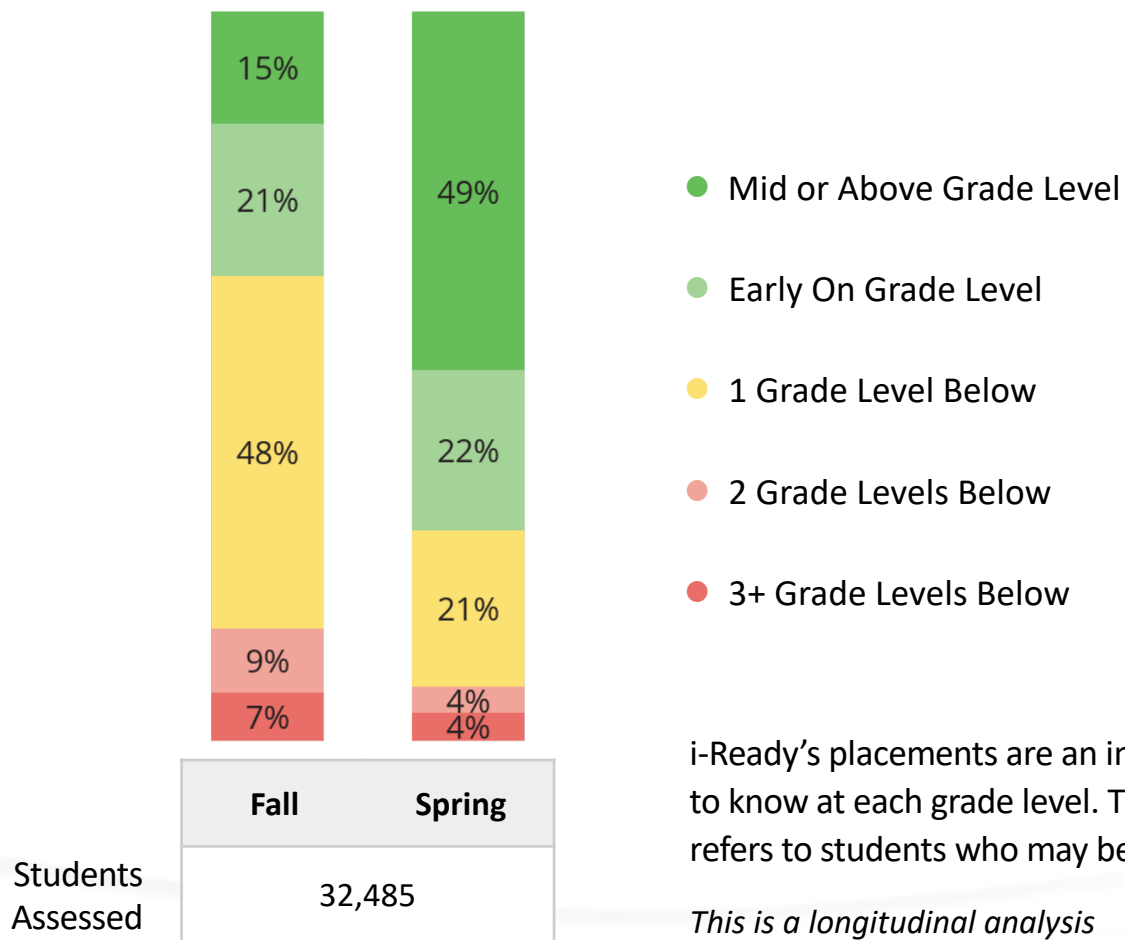
i-Ready's placement levels are criterion-referenced, reflecting what students are expected to know at each grade level and in each content area. In the following analyses, student performance is described using the following five relative placement levels:

<ul style="list-style-type: none"><li>● <b>Mid or Above Grade Level</b></li></ul>	Students at this level have met or surpassed the minimum requirements for the expectations of college- and career-ready standards in their grade level. Students will benefit from instruction in late on-grade level topics, or above-grade level instruction.
<ul style="list-style-type: none"><li>● <b>Early On Grade Level</b></li></ul>	Students at this level have only partially met grade-level expectations. They will benefit from continued grade-level instruction.
<ul style="list-style-type: none"><li>● <b>1 Grade Level Below</b></li></ul>	Students placing one level below are approaching grade level expectations and can be ready for grade-level instruction with targeted support.
<ul style="list-style-type: none"><li>● <b>2 Grade Levels Below</b></li><li>● <b>3+ Grade Levels Below</b></li></ul>	Students placing two or more grades below level will likely need additional support with key skills below their chronological grade level to be ready for grade-level instruction.



# How Have Relative Placements Changed From Fall to Spring?

Placement Distribution, Fall 22-23 to Spring 22-23

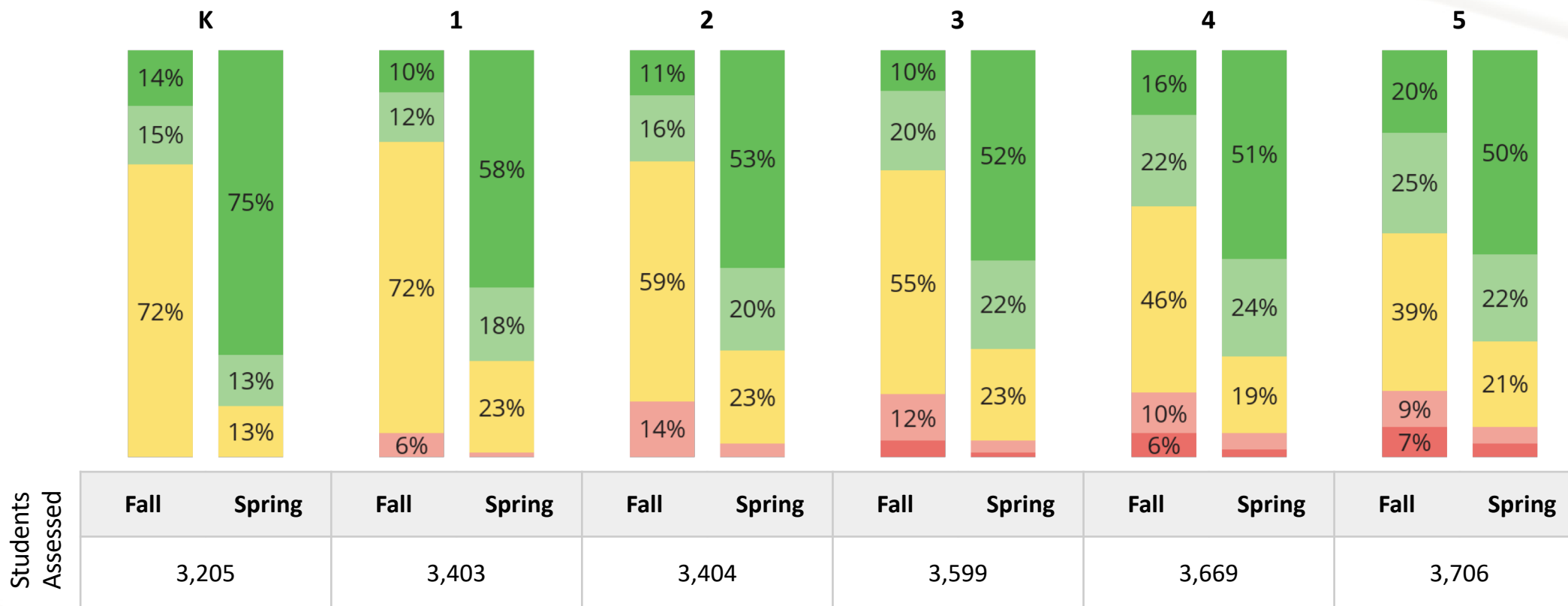


i-Ready's placements are an indication of what students are expected to know at each grade level. The mid or above grade level placement refers to students who may be considered proficient for their grade.

*This is a longitudinal analysis*

# How Have Relative Placements Changed From Fall to Spring?

Placement Distribution, Fall 22-23 to Spring 22-23

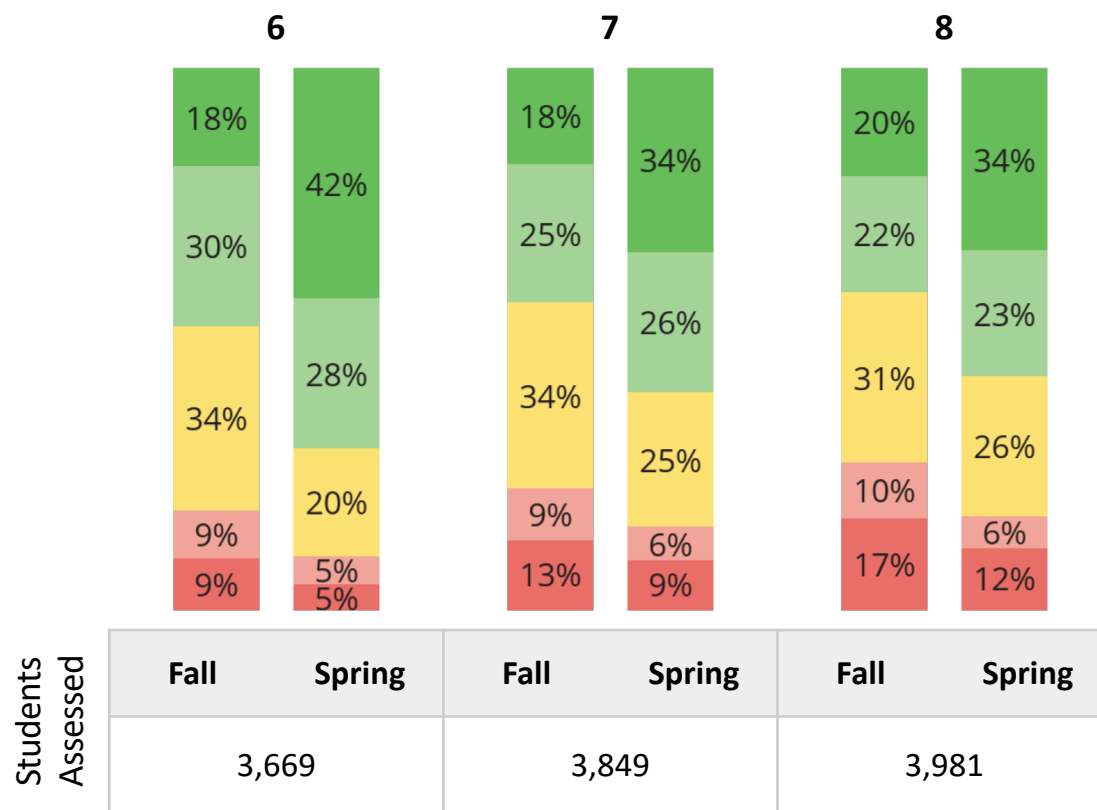


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 ● Early On Grade Level    
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 ● 3+ Grade Levels Below

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Placement Distribution, Fall 22-23 to Spring 22-23

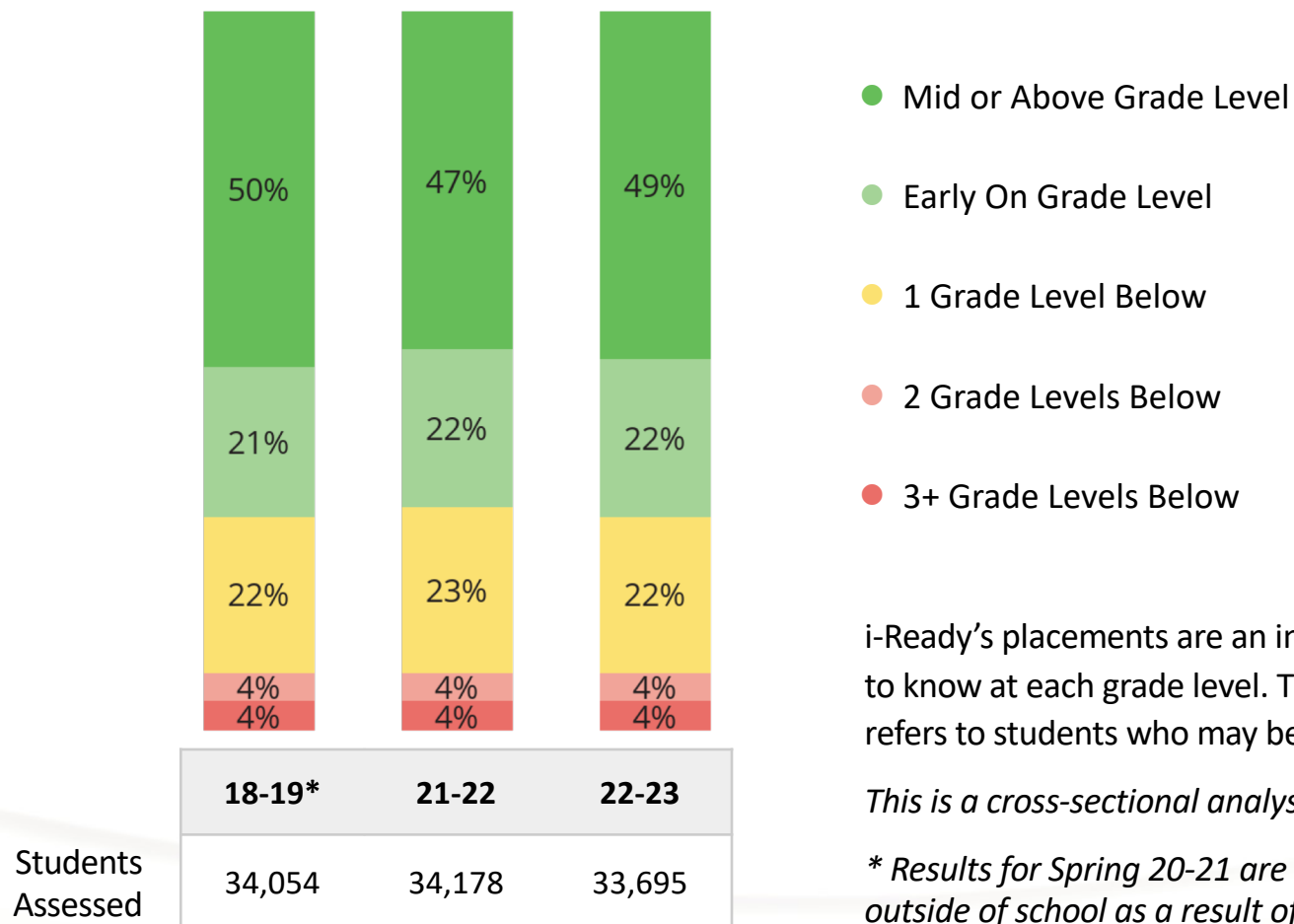


- Mid or Above Grade Level
- Early On Grade Level
- 1 Grade Level Below
- 2 Grade Levels Below
- 3+ Grade Levels Below

i-Ready's placements are an indication of what students are expected to know at each grade level. The mid or above grade level placement refers to students who may be considered proficient for their grade.

# How Have Relative Placements Changed From Spring to Spring?

Placement Distribution, Spring 18-19 to Spring 22-23



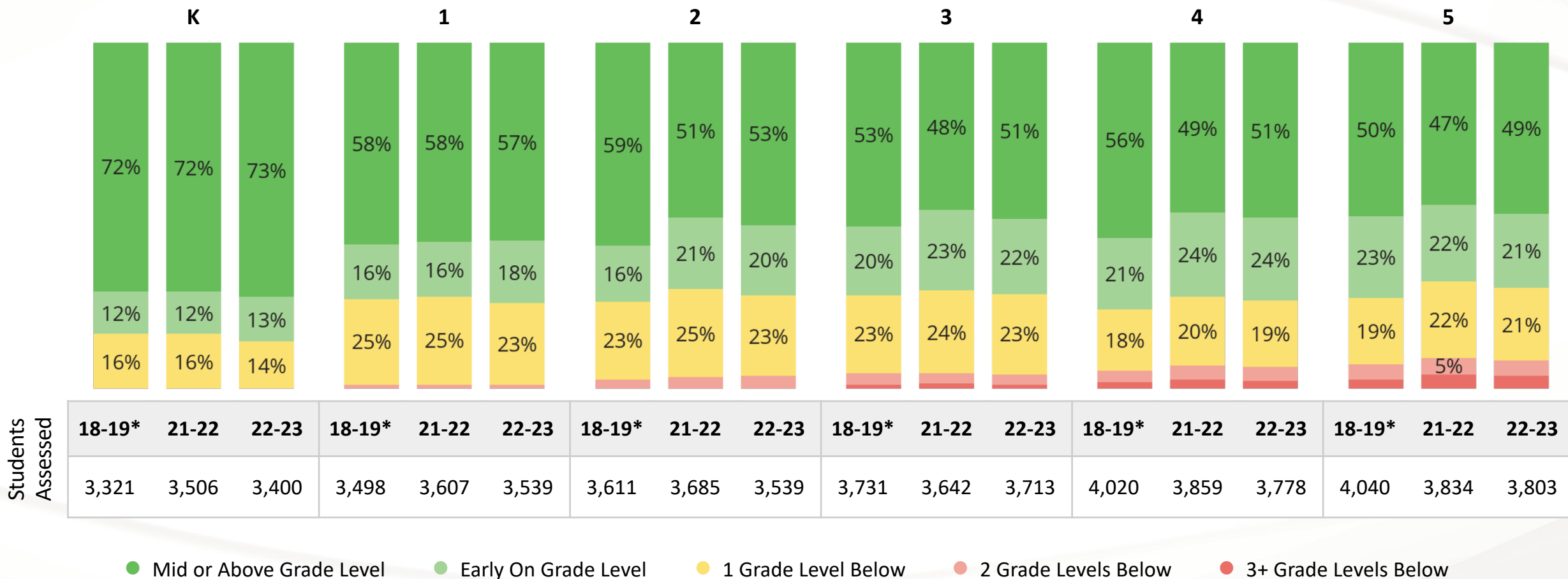
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*This is a cross-sectional analysis.*

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# How Have Relative Placements Changed From Spring to Spring?

Placement Distribution, Spring 18-19 to Spring 22-23



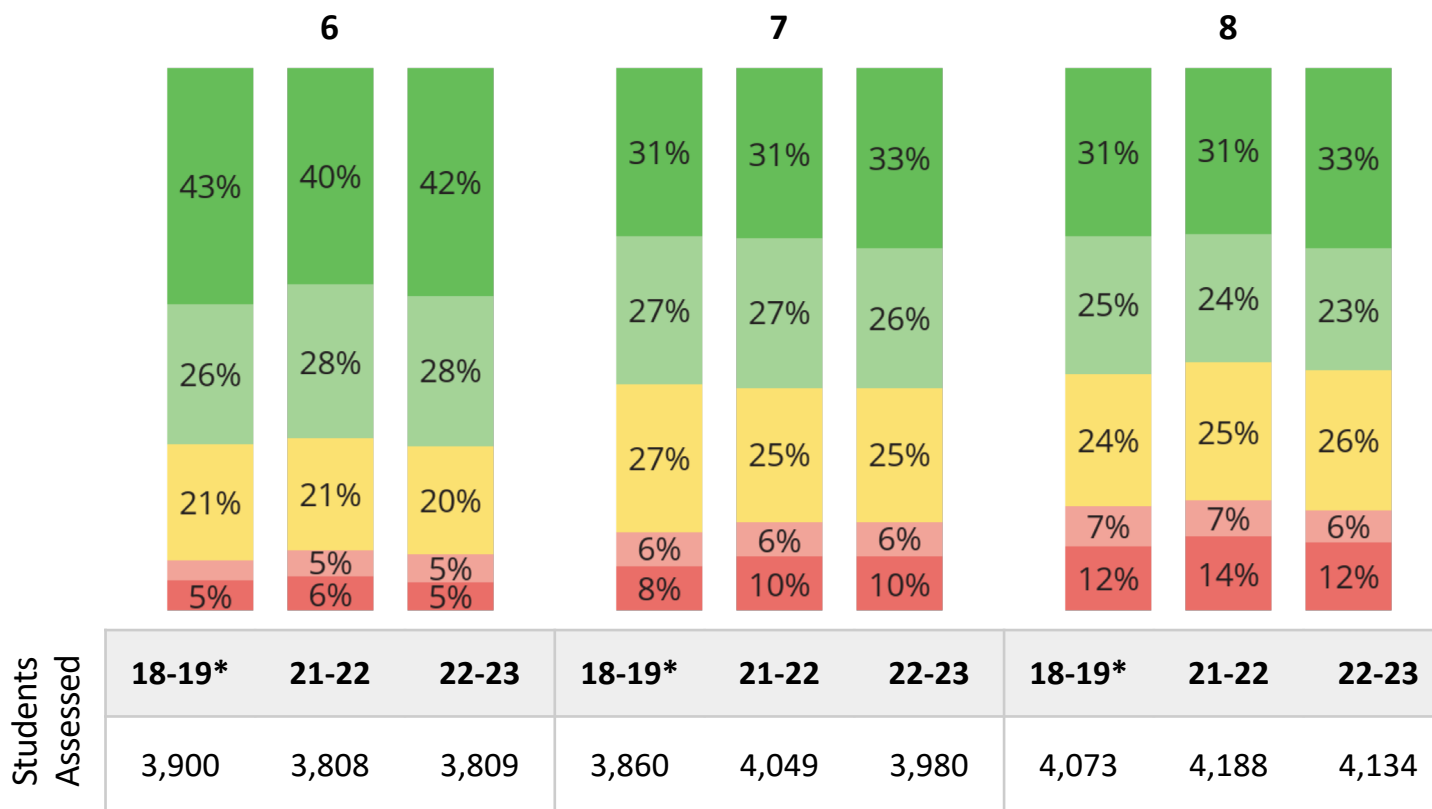
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# Who is Included in the Benchmark Data?

## **i-Ready Spring 18-19 National Norms**

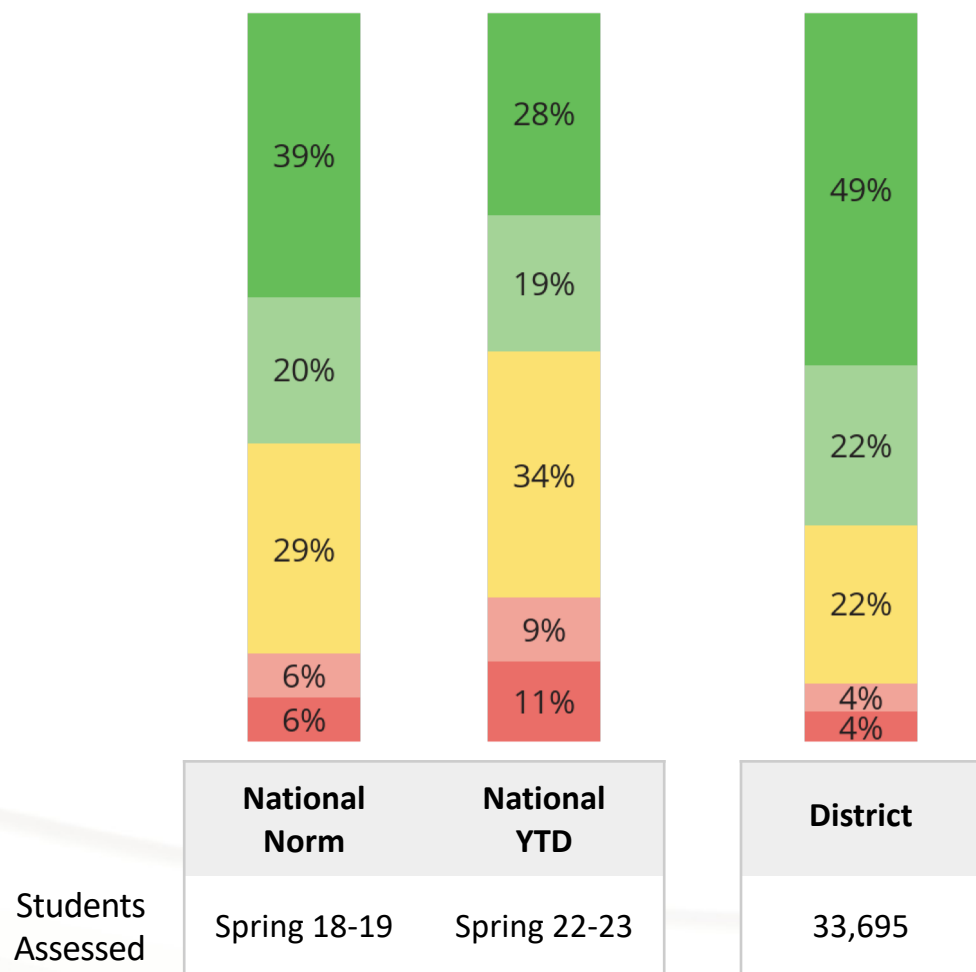
The i-Ready National Norms are based on a nationally representative sample that reflects the makeup of the US student population along key demographic characteristics.

## **National Spring 22-23 Year-to-Date**

This population includes all students who completed a Diagnostic from March 2 to May 16. This data may not be representative of the student population.

# How Do the District's Placements Compare to the Benchmarks?

Spring Placement Distribution for District and Benchmarks



- Mid or Above Grade Level
- Early On Grade Level
- 1 Grade Level Below
- 2 Grade Levels Below
- 3+ Grade Levels Below

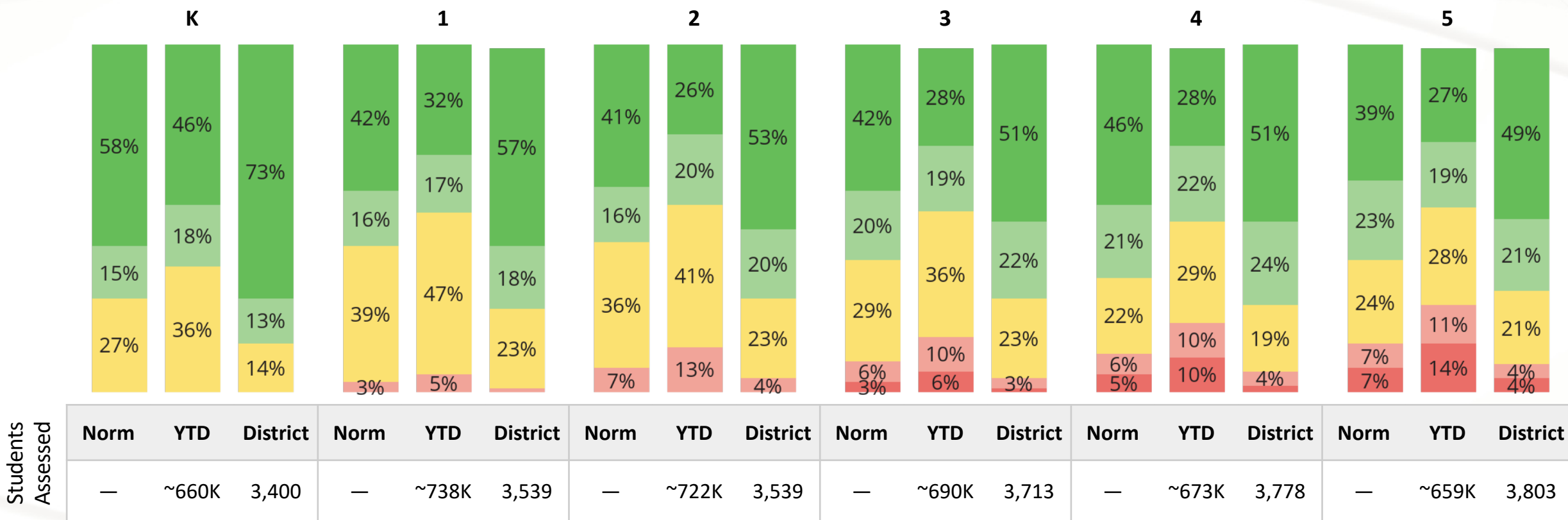
i-Ready Spring 18-19 National Norms are based on a nationally representative sample that reflects the makeup of the US student population along key demographic characteristics.

The National Spring 22-23 year-to-date population includes 5,621,442 students who completed a Diagnostic from March 2 to May 16. This data may not be representative of the student population.



# How Do the District's Placements Compare to the Benchmarks?

Spring Placement Distribution for District and Benchmarks



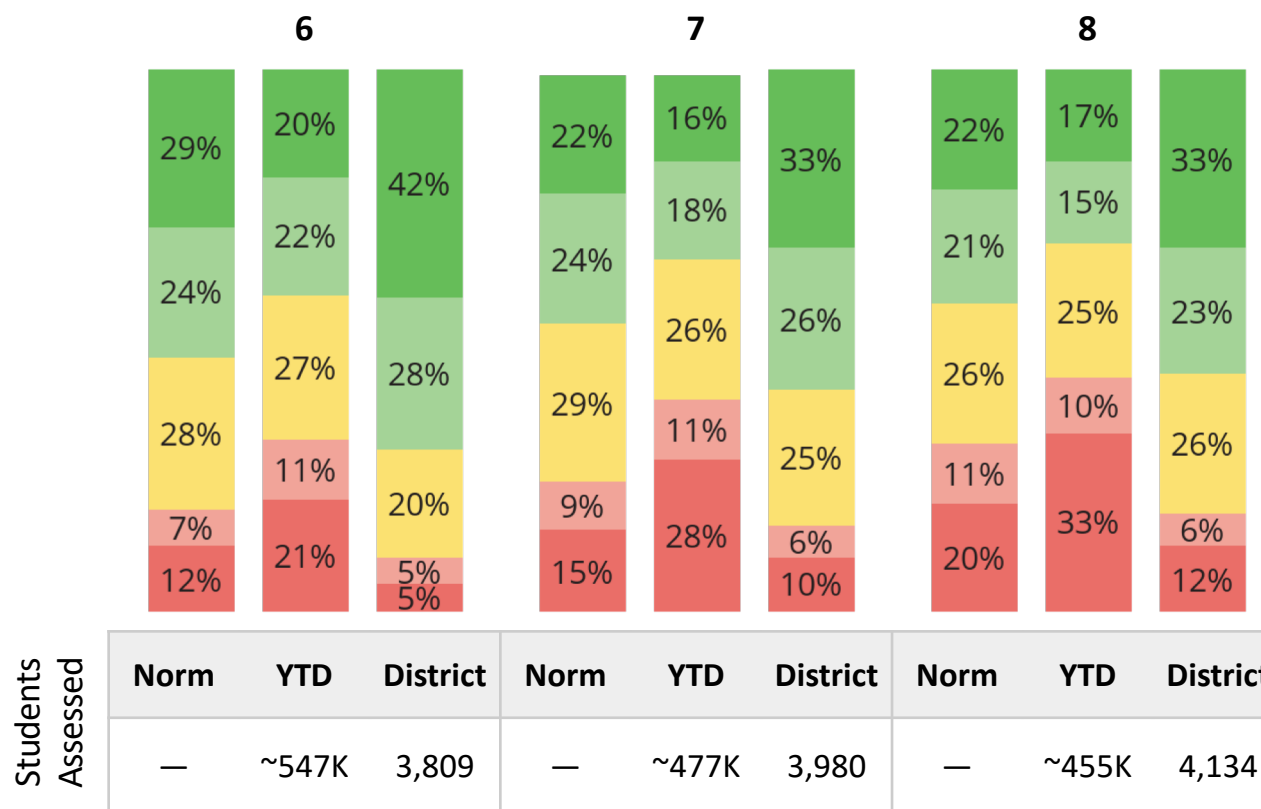
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**Norm:** i-Ready Spring 18-19 National Norms

**YTD:** National Spring 22-23 population year-to-date

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Spring Placement Distribution for District and Benchmarks



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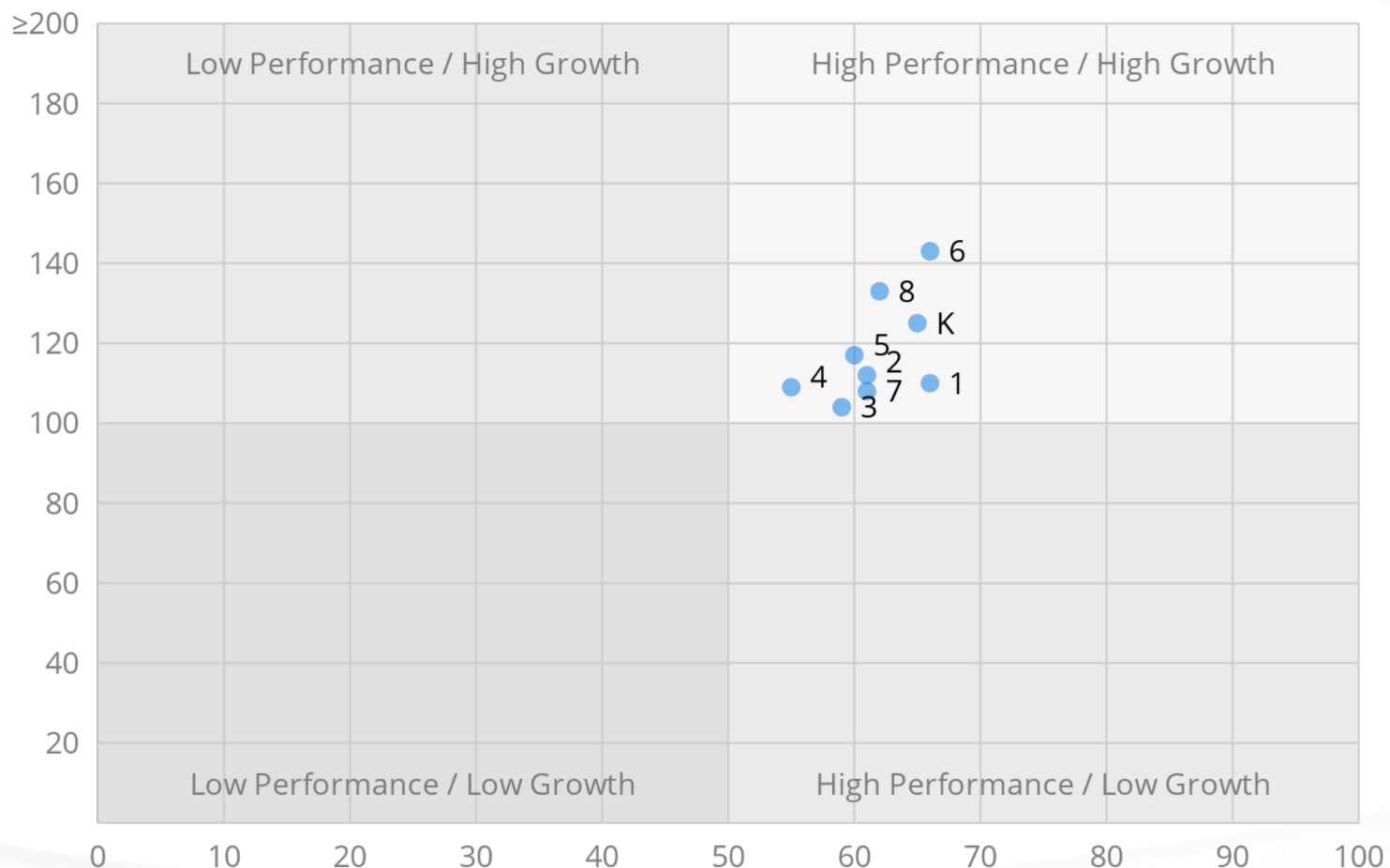
**YTD:** National Spring 22-23 population year-to-date

# How Did Students Across the District Grow From Fall to Spring?

Comparison of Median Student Performance and Median Percent of Typical Growth

## Growth

Median percent of typical growth achieved, differentiated by fall placement levels



## Performance

Median student performance relative to historical 18-19 norms  
(50<sup>th</sup> percentile is the national median)

# How Much Did Growth Vary Across Fall Placement Levels?

Median Percentage of Typical Growth Achieved by Fall Placement Level

		K	1	2	3	4	5	6	7	8	All Students
Mid or Above Grade Level	Median % Typical Growth	138%	100%	117%	129%	126%	157%	162%	118%	111%	129%
	Students Assessed	438	347	382	362	588	746	669	688	788	5,008
Early On Grade Level	Median % Typical Growth	129%	112%	105%	104%	104%	111%	146%	117%	144%	116%
	Students Assessed	472	418	557	713	819	921	1,087	979	863	6,829
One Grade Level Below	Median % Typical Growth	122%	110%	112%	100%	109%	111%	136%	100%	133%	112%
	Students Assessed	2,330	2,458	2,012	1,986	1,687	1,438	1,254	1,322	1,251	15,738
Two Grade Levels Below	Median % Typical Growth		135%	114%	111%	104%	111%	143%	115%	140%	119%
	Students Assessed		200	475	421	374	342	329	362	405	2,908
Three or More Grade Levels Below	Median % Typical Growth				102%	127%	125%	127%	100%	125%	117%
	Students Assessed				142	220	274	349	505	690	2,180

● >=100%   
 ● 80-99%   
 ● 60-79%   
 ● 0-59%

# How Does Spring Domain-Level Performance Compare Year over Year?

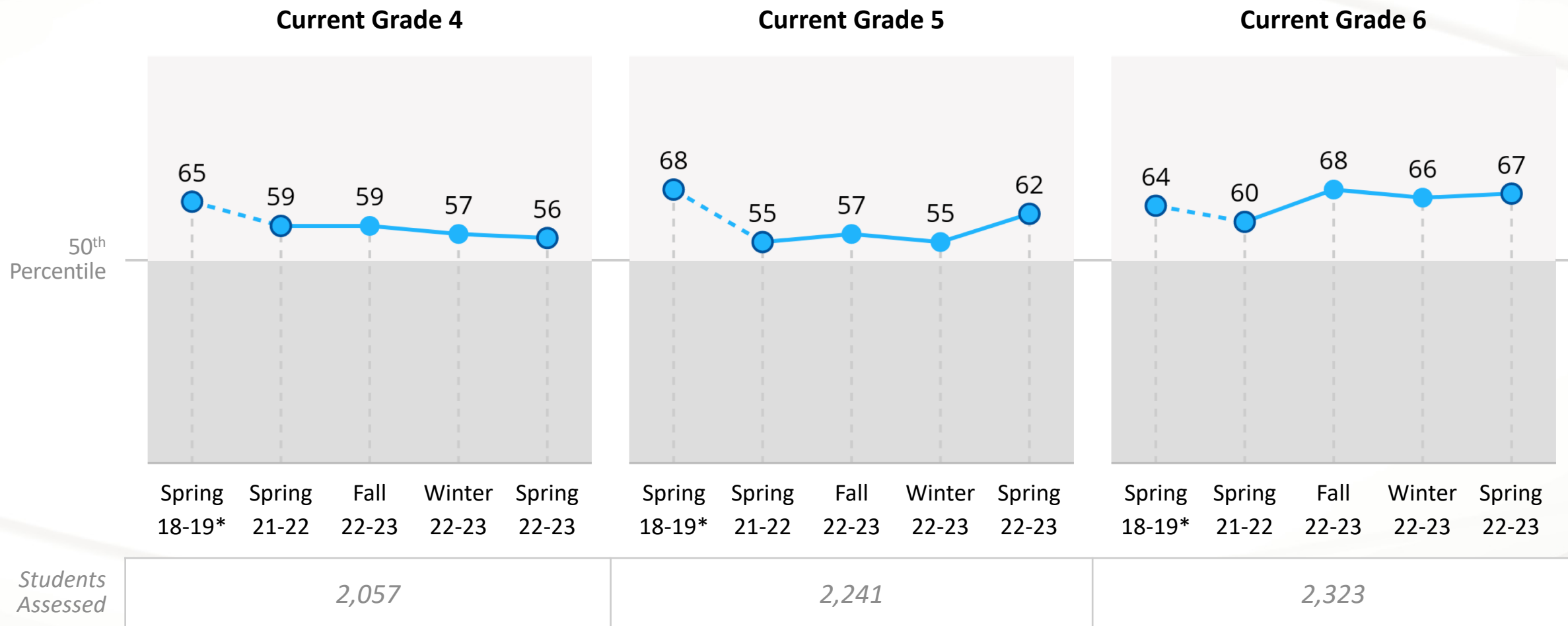
Percent of Students Placing **Mid or Above Grade Level**, Spring 21-22 to Spring 22-23

	K		1		2		3		4		5		6		7		8	
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current
Number and Operations	57%	59%	58%	58%	53%	55%	55%	57%	64%	65%	55%	57%	47%	50%	40%	41%	40%	41%
Algebra and Algebraic Thinking	62%	63%	69%	69%	52%	51%	59%	60%	56%	58%	41%	41%	45%	47%	32%	34%	31%	34%
Measurement and Data	75%	76%	62%	61%	61%	62%	64%	65%	59%	60%	60%	64%	55%	59%	48%	48%	45%	46%
Geometry	75%	81%	60%	65%	52%	61%	45%	42%	40%	42%	44%	45%	42%	41%	31%	32%	32%	34%
Students Assessed	3,506	3,400	3,607	3,539	3,685	3,539	3,642	3,713	3,859	3,778	3,834	3,803	3,808	3,809	4,049	3,980	4,188	4,134

**Increased** >5% pts Year over Year
  **Increased** 0-5% pts Year over Year
  **Decreased** 1-5% pts Year over Year
  **Decreased** >5% pts Year over Year

# How Has the District's Normed Performance Changed Year over Year?

Median Percentile Rank based on National Norms, Spring 18-19 to Spring 22-23

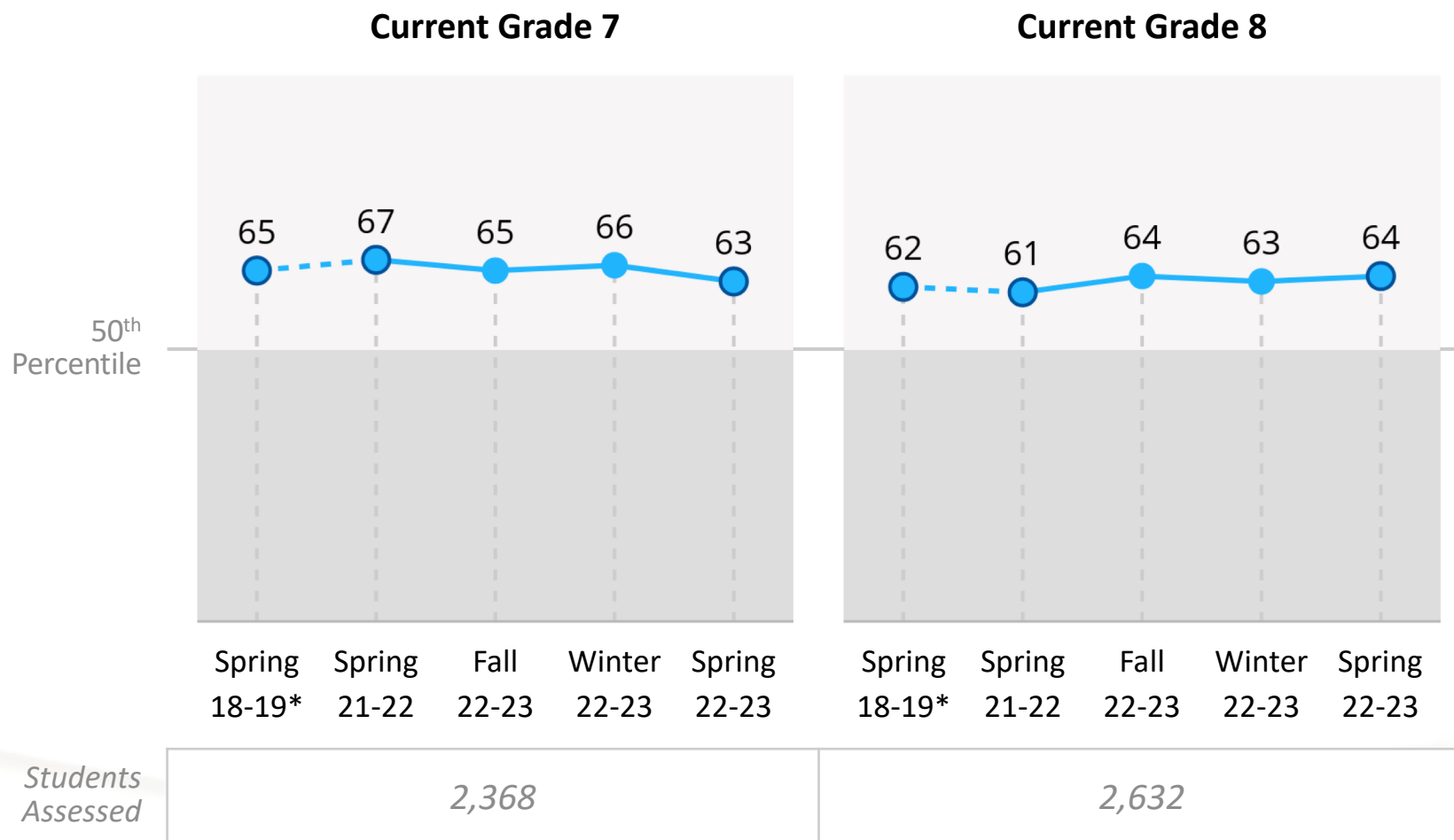


*This is a longitudinal cohort analysis.*

*\* Results for Spring 20-21 omitted due to high rates of testing outside of school as a result of the pandemic.*

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Median Percentile Rank based on National Norms, Spring 18-19 to Spring 22-23



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## Reading Performance Review



## Who is Included in the Analysis?



**Fall Performance**

33,187 students

**Spring Performance**

34,124 students



**Growth**

33,153 students

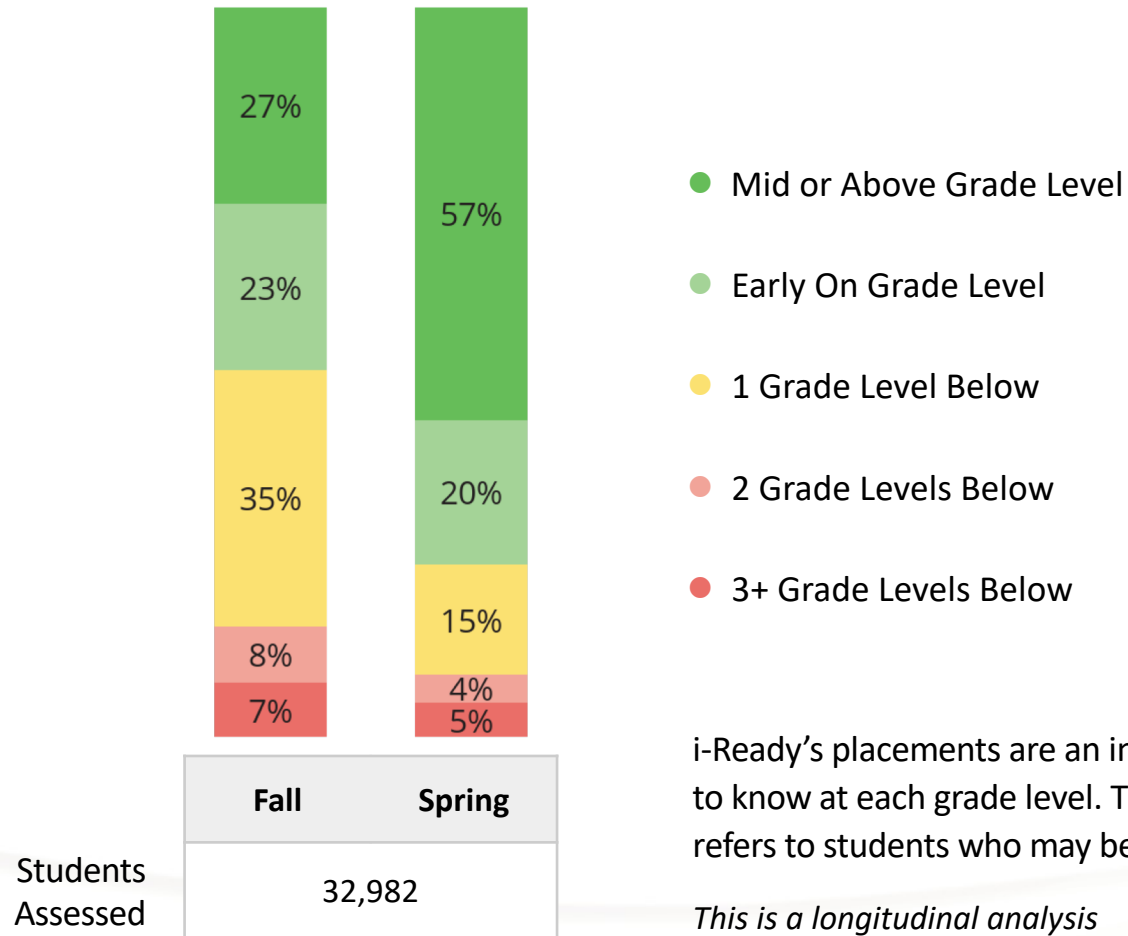


**Personalized Instruction**

20,419 students

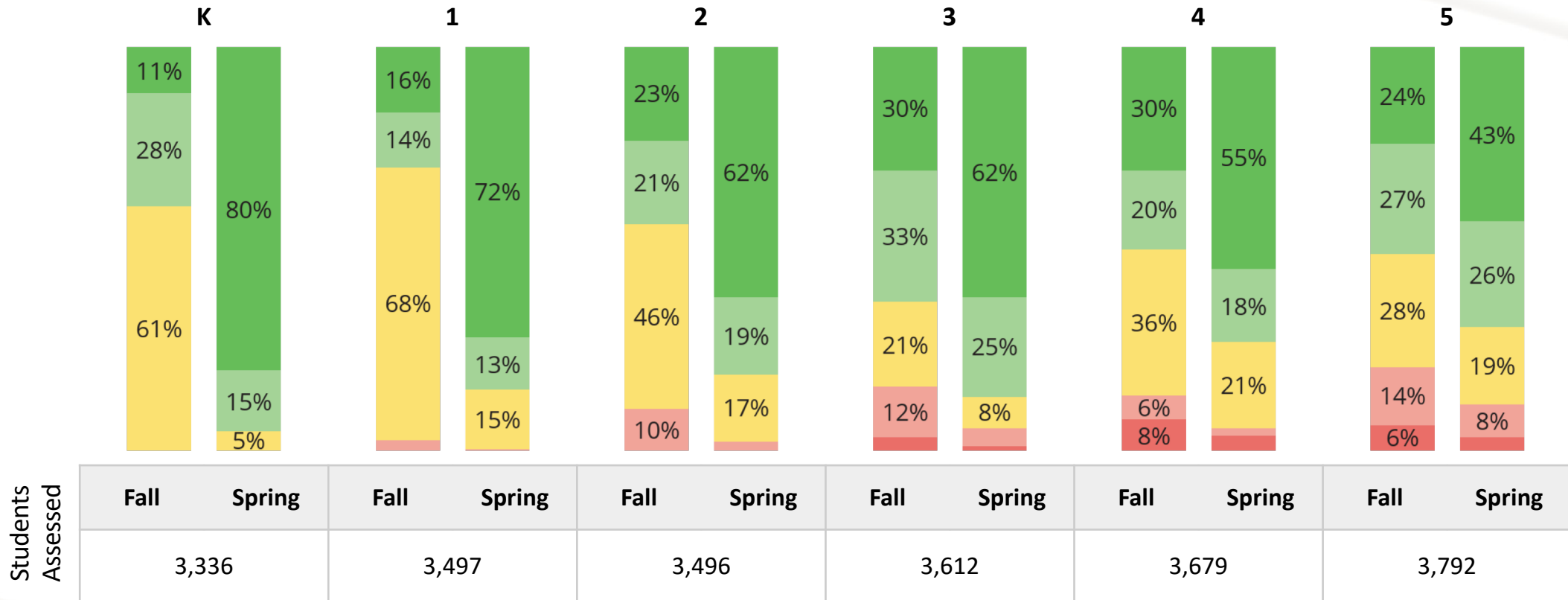
# How Have Relative Placements Changed From Fall to Spring?

Placement Distribution, Fall 22-23 to Spring 22-23



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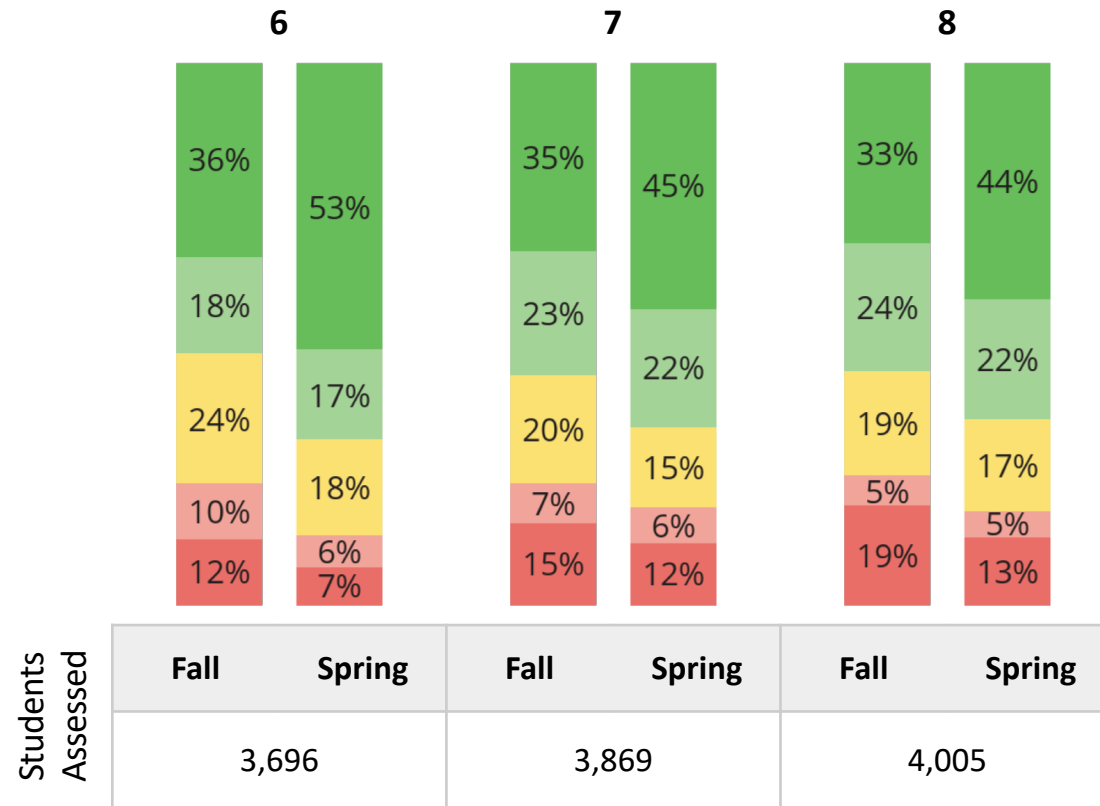


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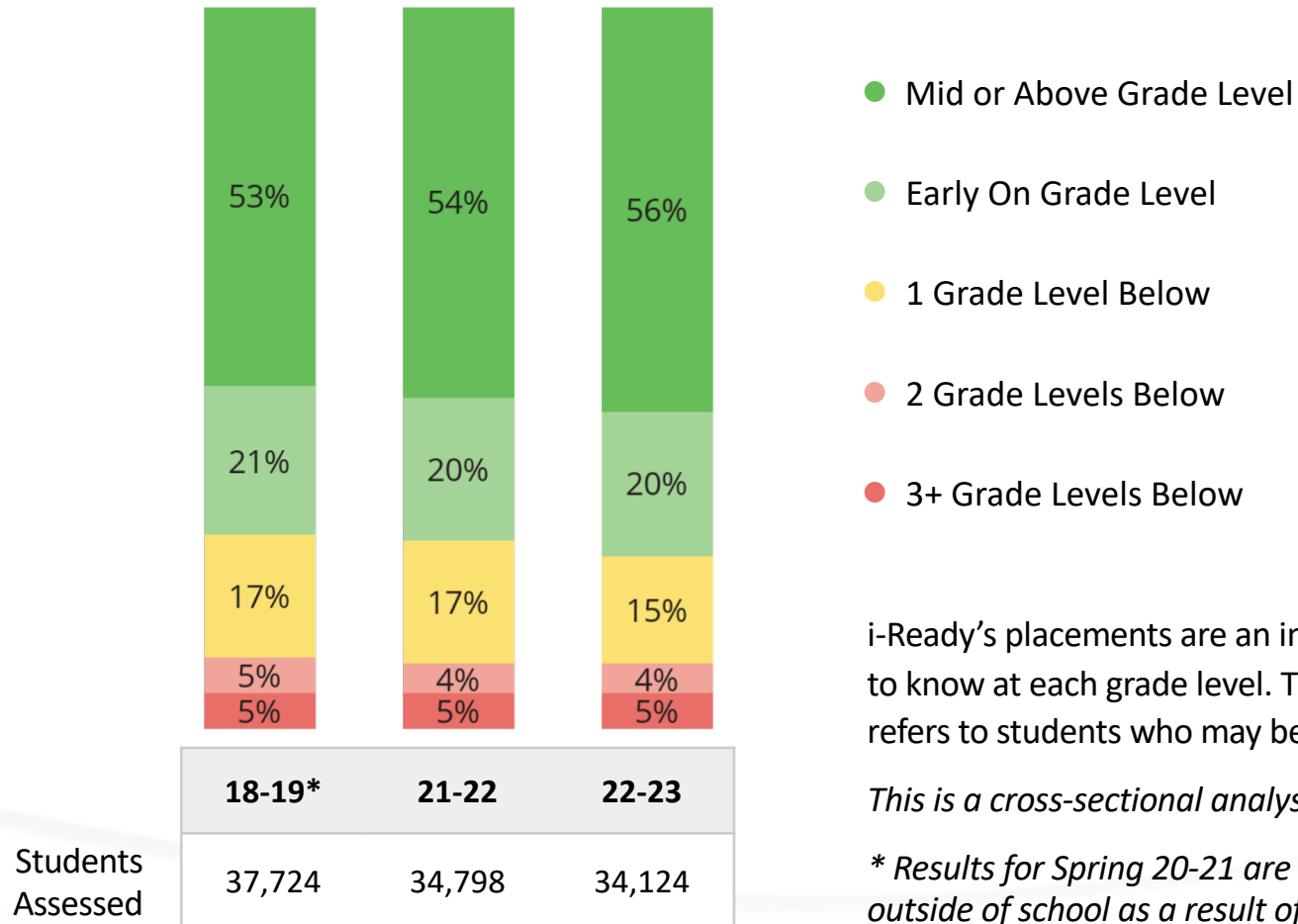


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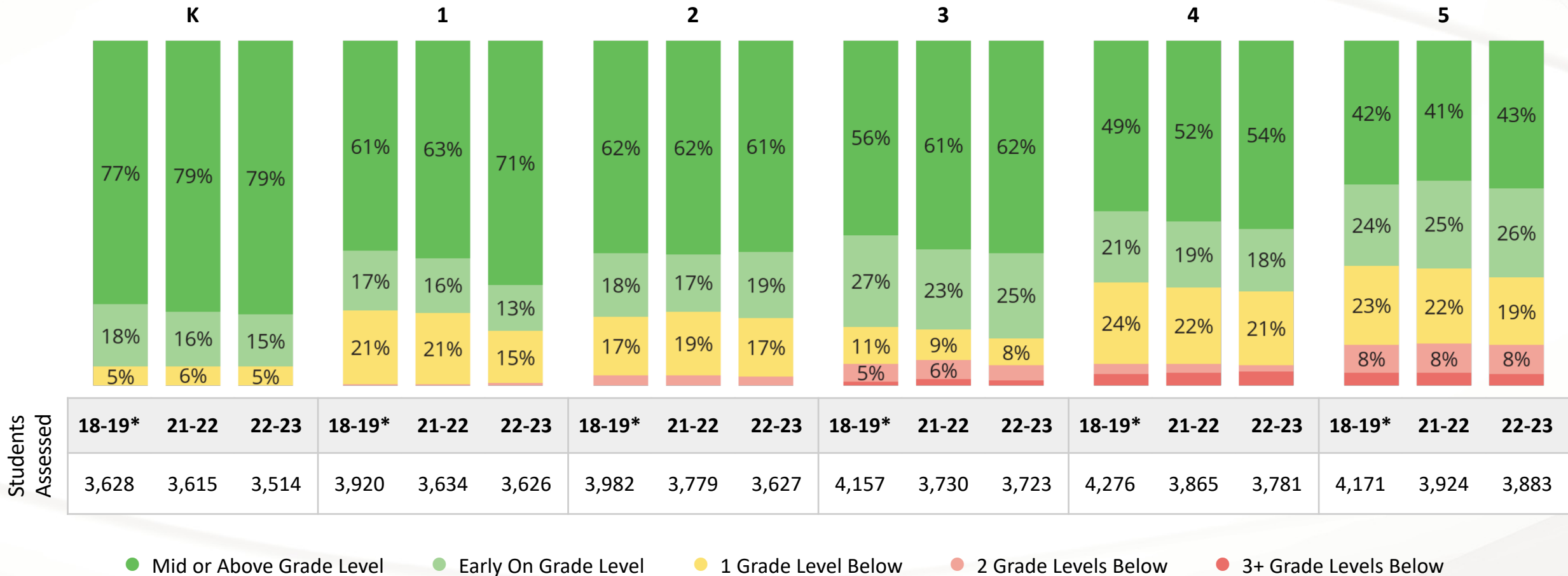
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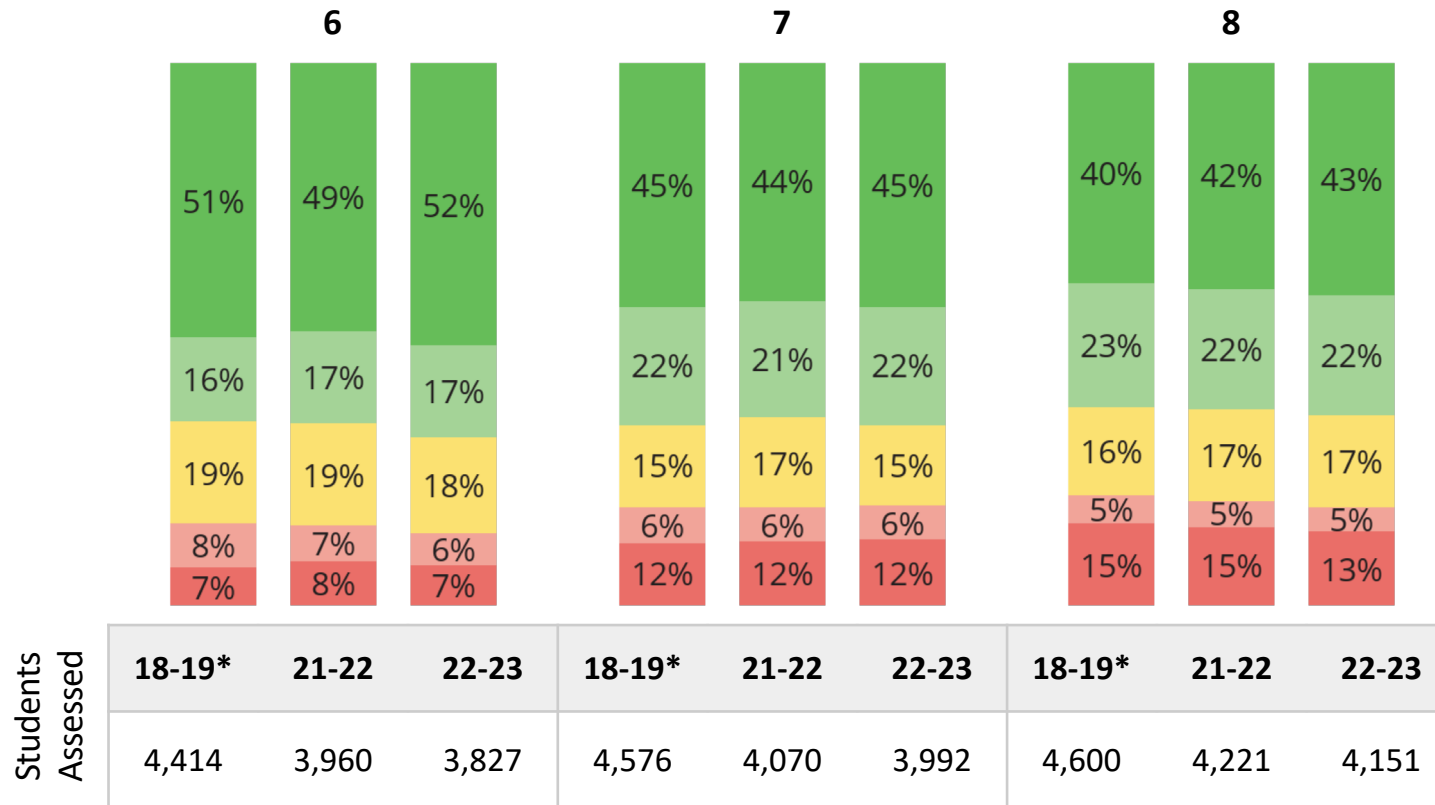


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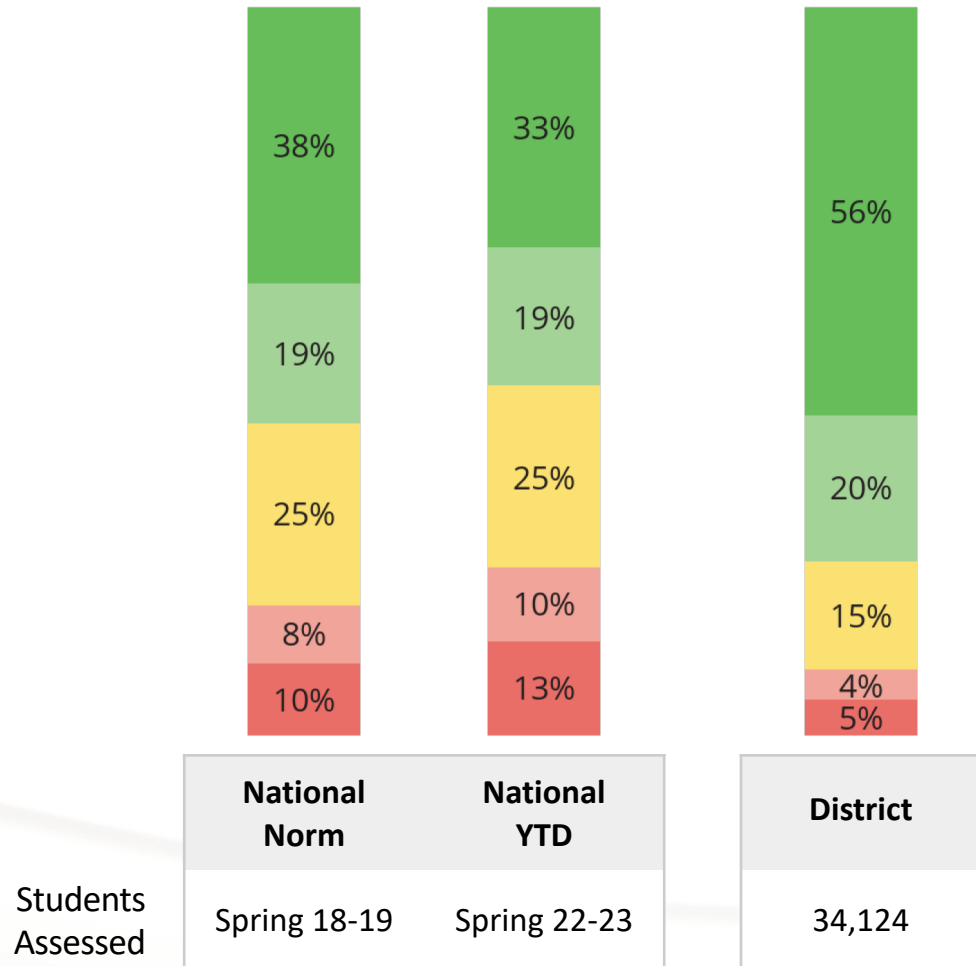
## **National Spring 22-23 Year-to-Date**

This population includes all students who completed a Diagnostic from March 2 to May 16. This data may not be representative of the student population.



# How Do the District's Placements Compare to the Benchmarks?

Spring Placement Distribution for District and Benchmarks



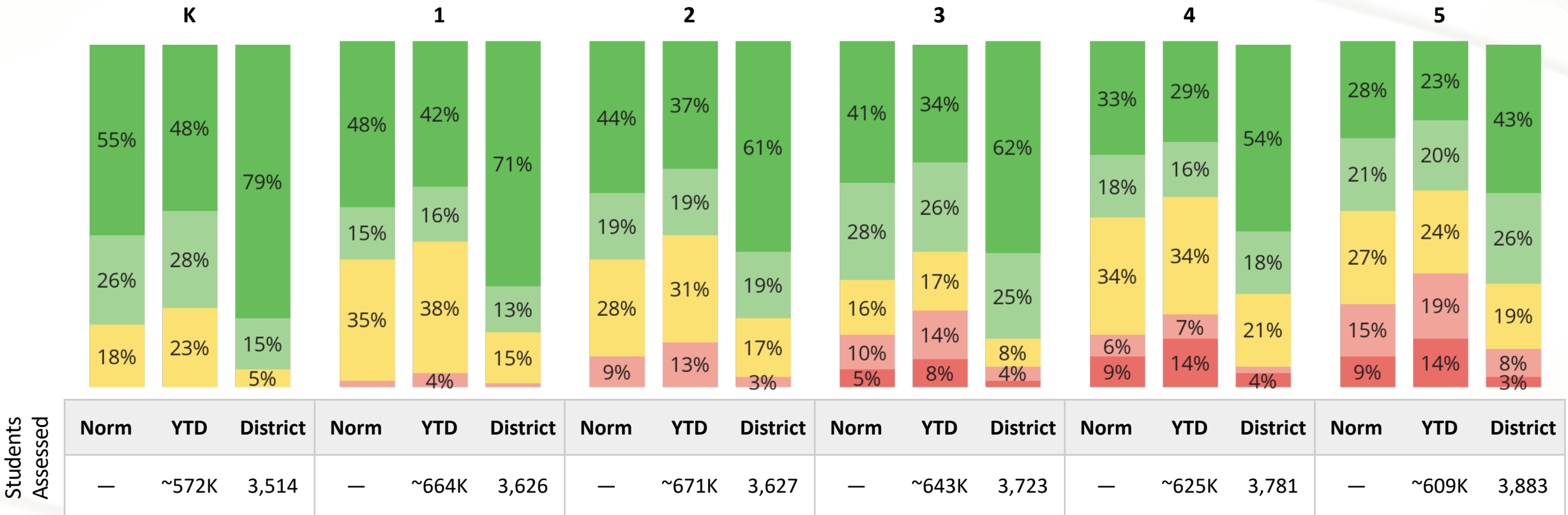
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The National Spring 22-23 year-to-date population includes 5,222,226 students who completed a Diagnostic from March 2 to May 16. This data may not be representative of the student population.

# How Do the District's Placements Compare to the Benchmarks?

Spring Placement Distribution for District and Benchmarks



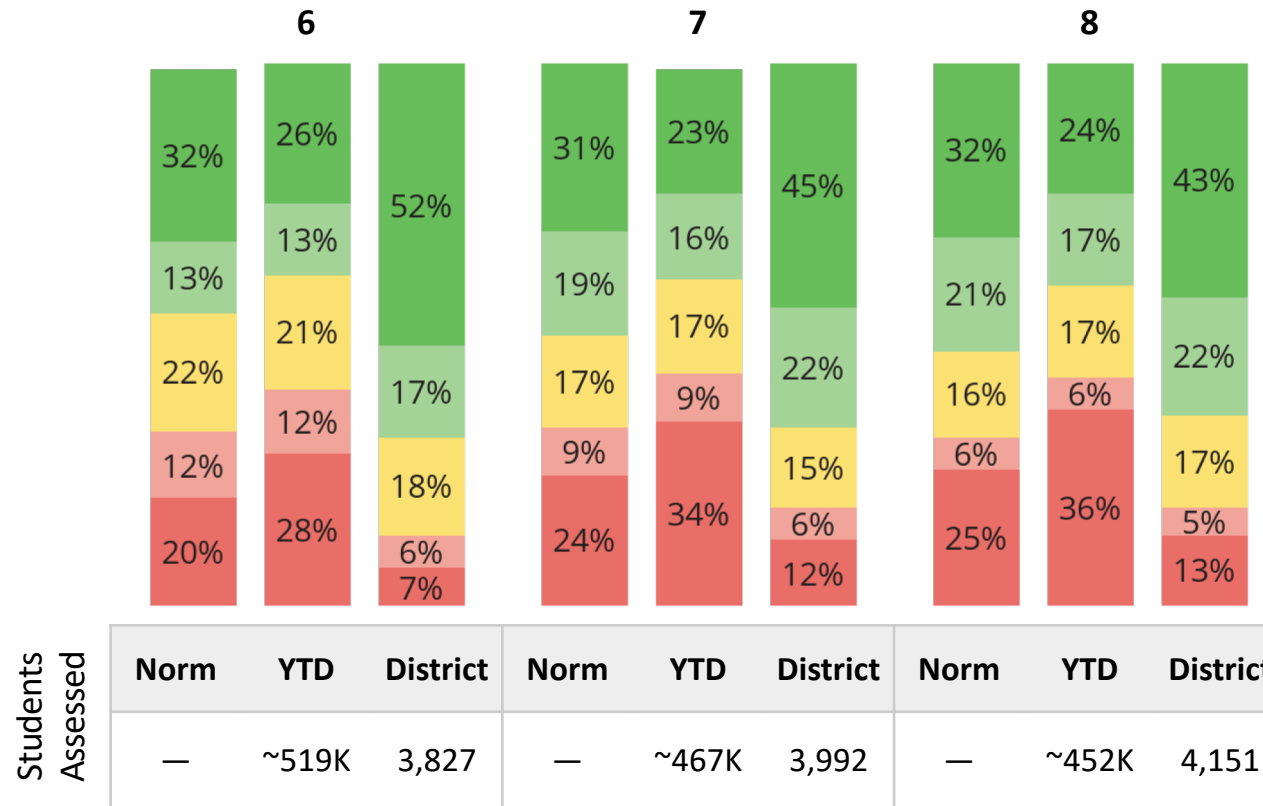
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# How Do the District's Placements Compare to the Benchmarks?

Spring Placement Distribution for District and Benchmarks



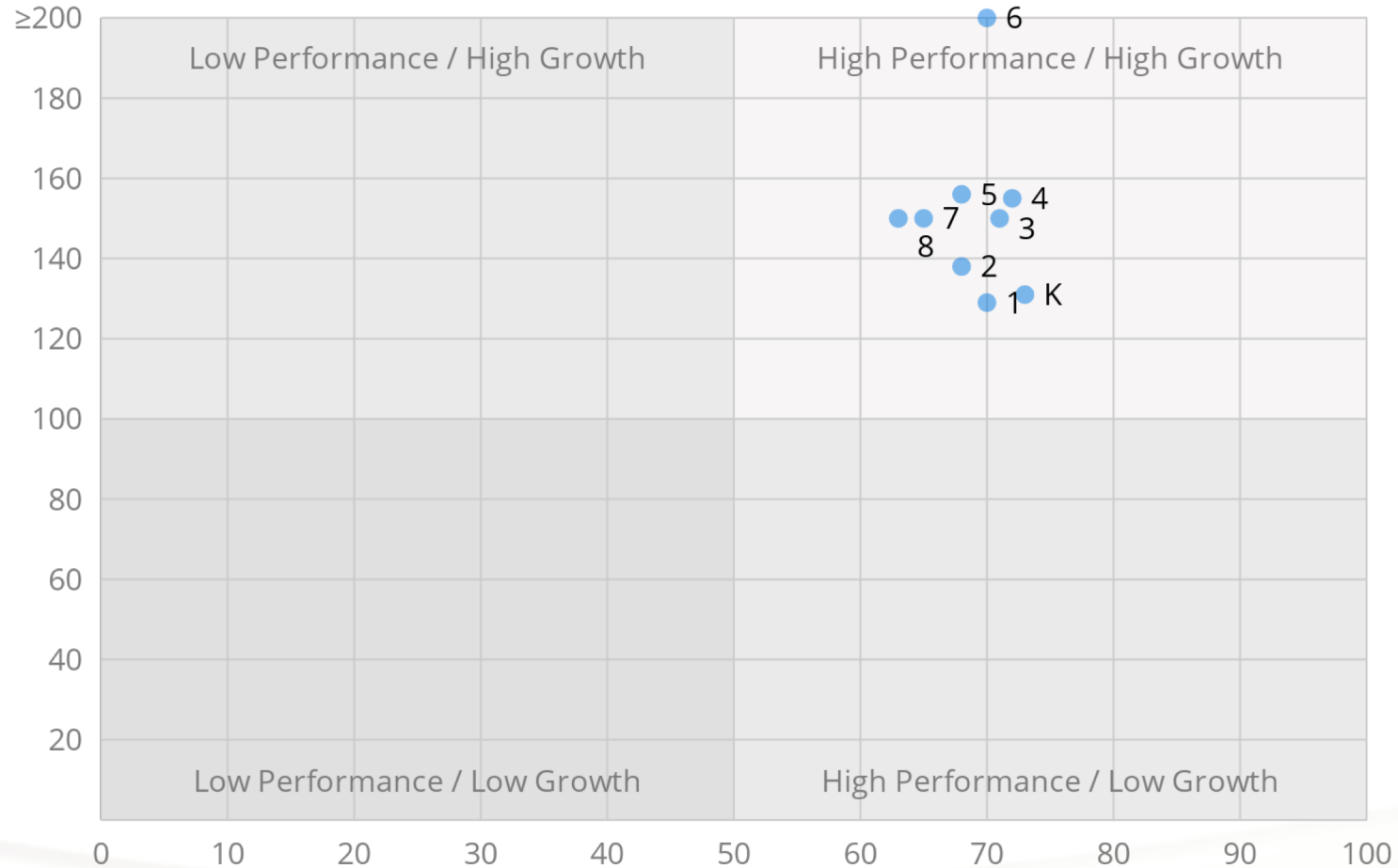
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# How Did Students Across the District Grow From Fall to Spring?

Comparison of Median Student Performance and Median Percent of Typical Growth



## Growth

Median percent of typical growth achieved, differentiated by fall placement levels

## Performance


Median student performance relative to historical 18-19 norms (50<sup>th</sup> percentile is the national median)


# How Does Spring Domain-Level Performance Compare Year over Year?


Percent of Students Placing **Mid or Above Grade Level**, Spring 21-22 to Spring 22-23

	K		1		2		3		4		5		6		7		8	
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current
Phonological Awareness	64%	63%	84%	80%	96%	97%												
High-Frequency Words	77%	77%	78%	86%	85%	78%	98%	98%										
Phonics	63%	68%	67%	76%	61%	68%	86%	89%	92%	93%	95%	96%	96%	97%	97%	98%	98%	98%
Vocabulary	67%	67%	54%	58%	55%	55%	58%	57%	48%	50%	37%	38%	46%	49%	46%	45%	48%	48%
Comprehension: Literature	77%	75%	58%	61%	59%	58%	63%	64%	62%	62%	50%	53%	51%	55%	42%	45%	41%	42%
Comprehension: Informational Text	75%	73%	59%	61%	55%	57%	57%	58%	51%	54%	41%	43%	49%	52%	43%	44%	41%	42%
Students Assessed	3,615	3,514	3,634	3,626	3,779	3,627	3,730	3,723	3,865	3,781	3,924	3,883	3,960	3,827	4,070	3,992	4,221	4,151

 **Increased** >5% pts Year over Year

 **Increased** 0-5% pts Year over Year

 **Decreased** 1-5% pts Year over Year

 **Decreased** >5% pts Year over Year

# How Much Did Growth Vary Across Fall Placement Levels?

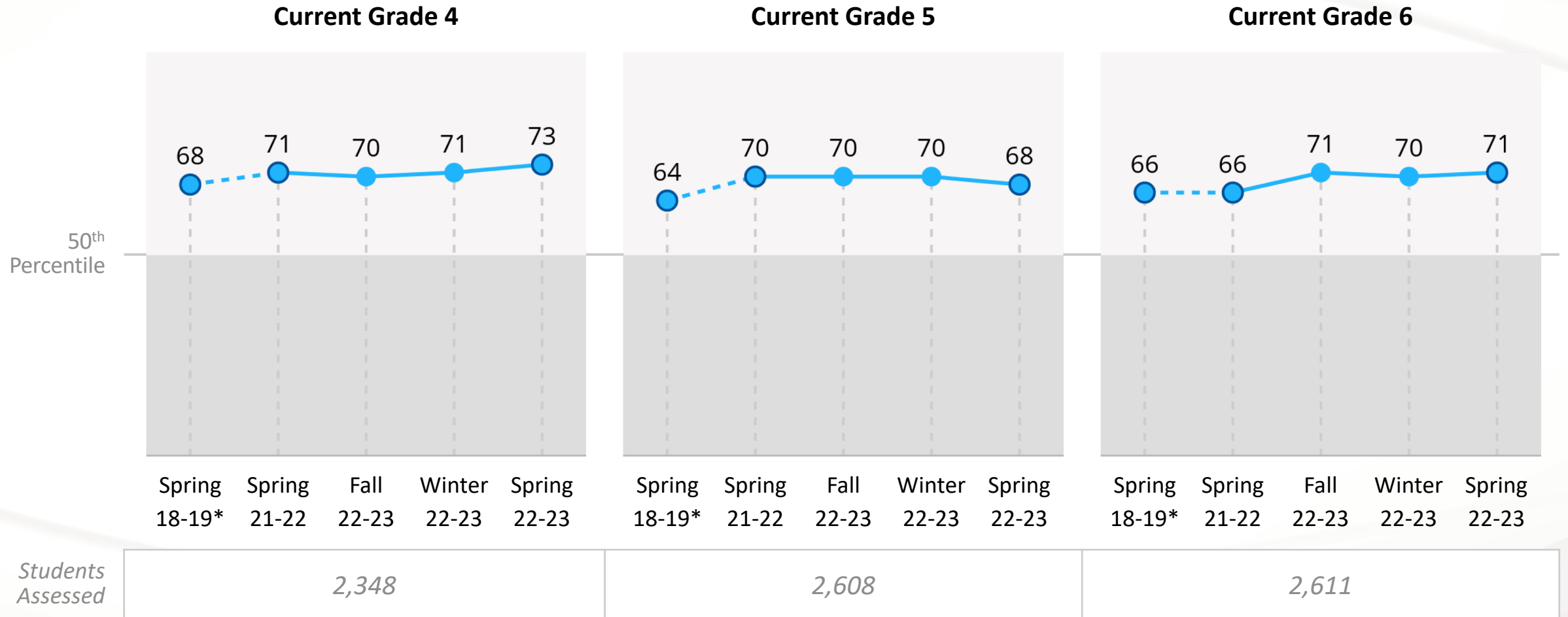
Median Percentage of Typical Growth Achieved by Fall Placement Level

		K	1	2	3	4	5	6	7	8	All Students
Mid or Above Grade Level	Median % Typical Growth	130%	130%	164%	147%	133%	186%	250%	150%	125%	150%
	Students Assessed	385	565	810	1,109	1,125	913	1,326	1,349	1,341	8,923
Early On Grade Level	Median % Typical Growth	118%	132%	147%	155%	141%	138%	189%	183%	200%	144%
	Students Assessed	941	477	728	1,187	723	1,027	660	874	949	7,566
One Grade Level Below	Median % Typical Growth	135%	127%	131%	154%	165%	163%	183%	130%	156%	138%
	Students Assessed	2,049	2,372	1,619	762	1,342	1,072	890	781	773	11,660
Two Grade Levels Below	Median % Typical Growth		130%	130%	152%	178%	155%	214%	142%	179%	157%
	Students Assessed		97	363	451	217	544	379	278	212	2,541
Three or More Grade Levels Below	Median % Typical Growth				133%	157%	158%	179%	147%	150%	156%
	Students Assessed				129	286	246	459	593	750	2,463

● >=100%    
 ● 80-99%    
 ● 60-79%    
 ● 0-59%

# How Has the District's Normed Performance Changed Year over Year?

Median Percentile Rank based on National Norms, Spring 18-19 to Spring 22-23

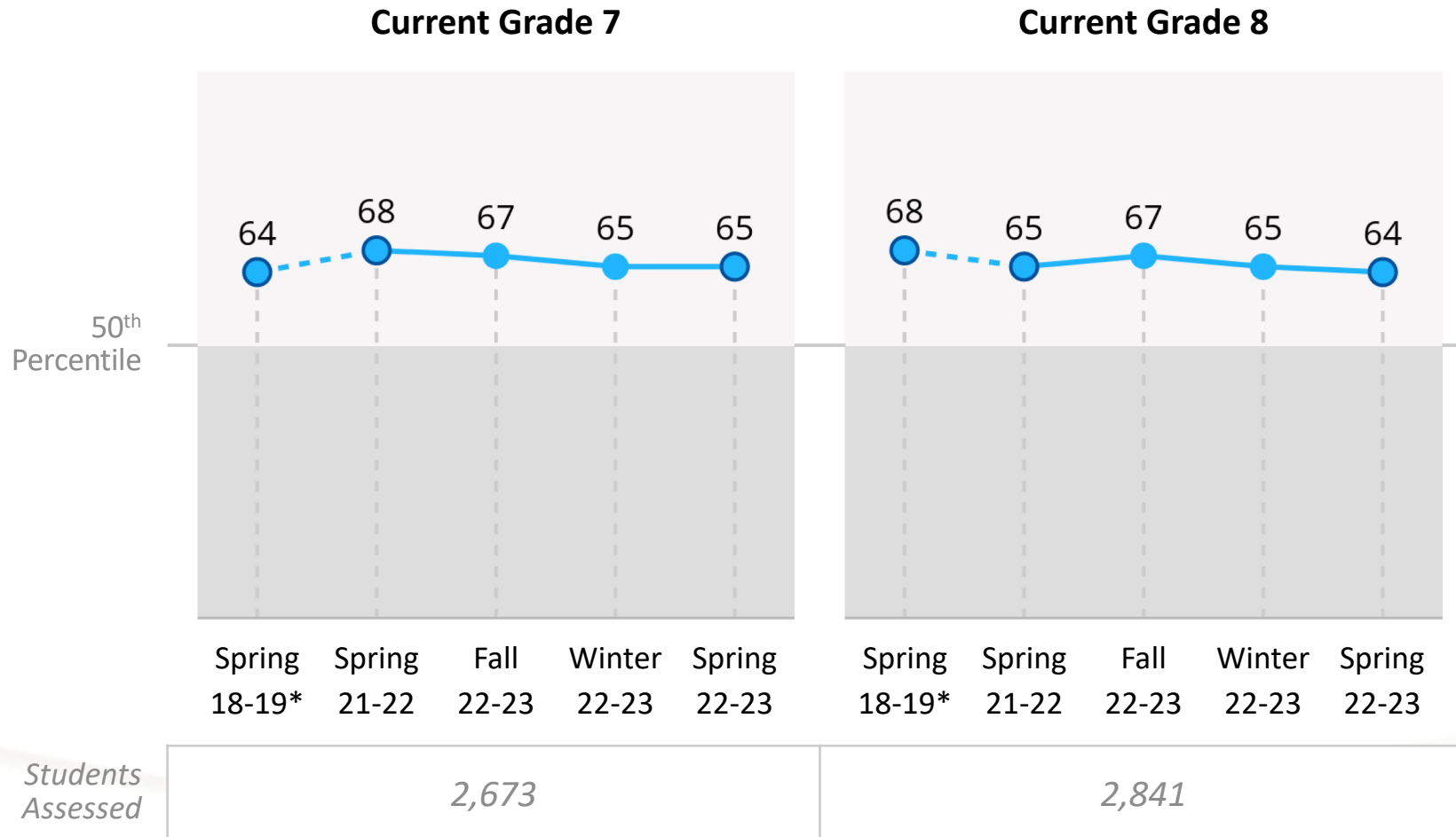


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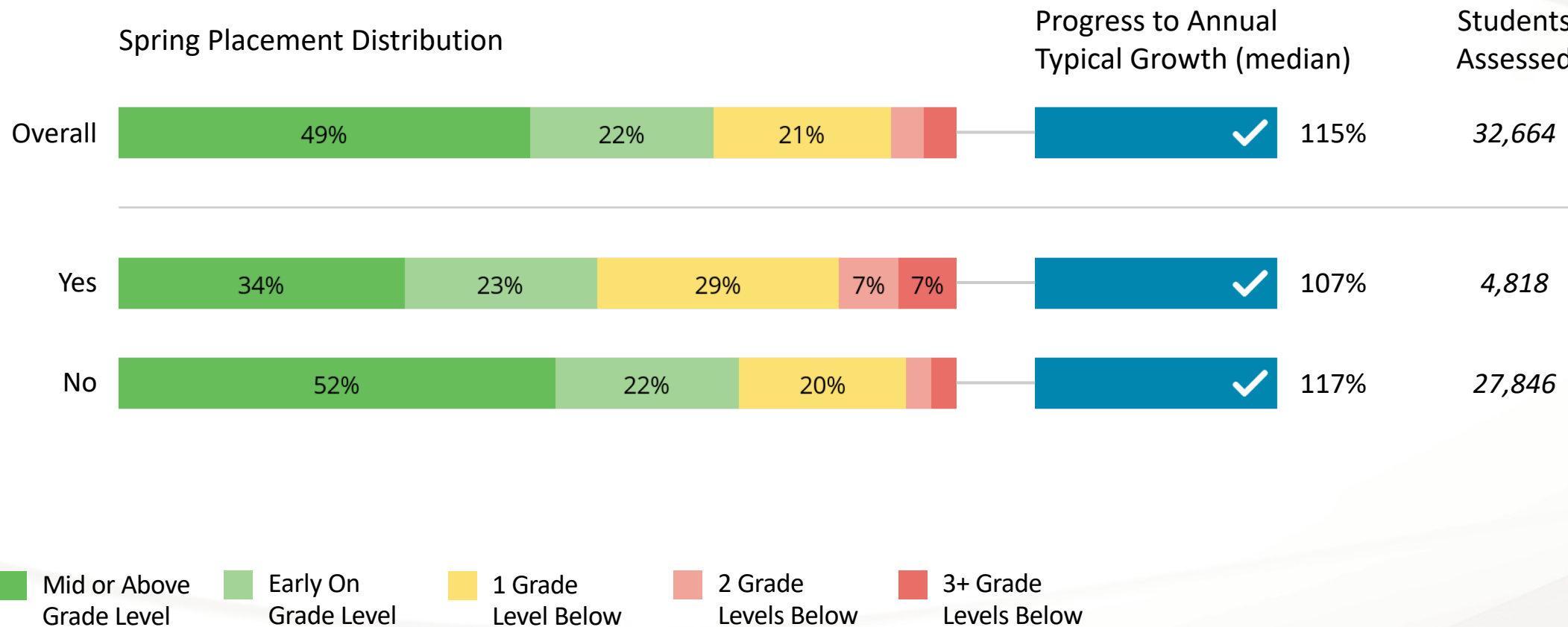


# Appendix

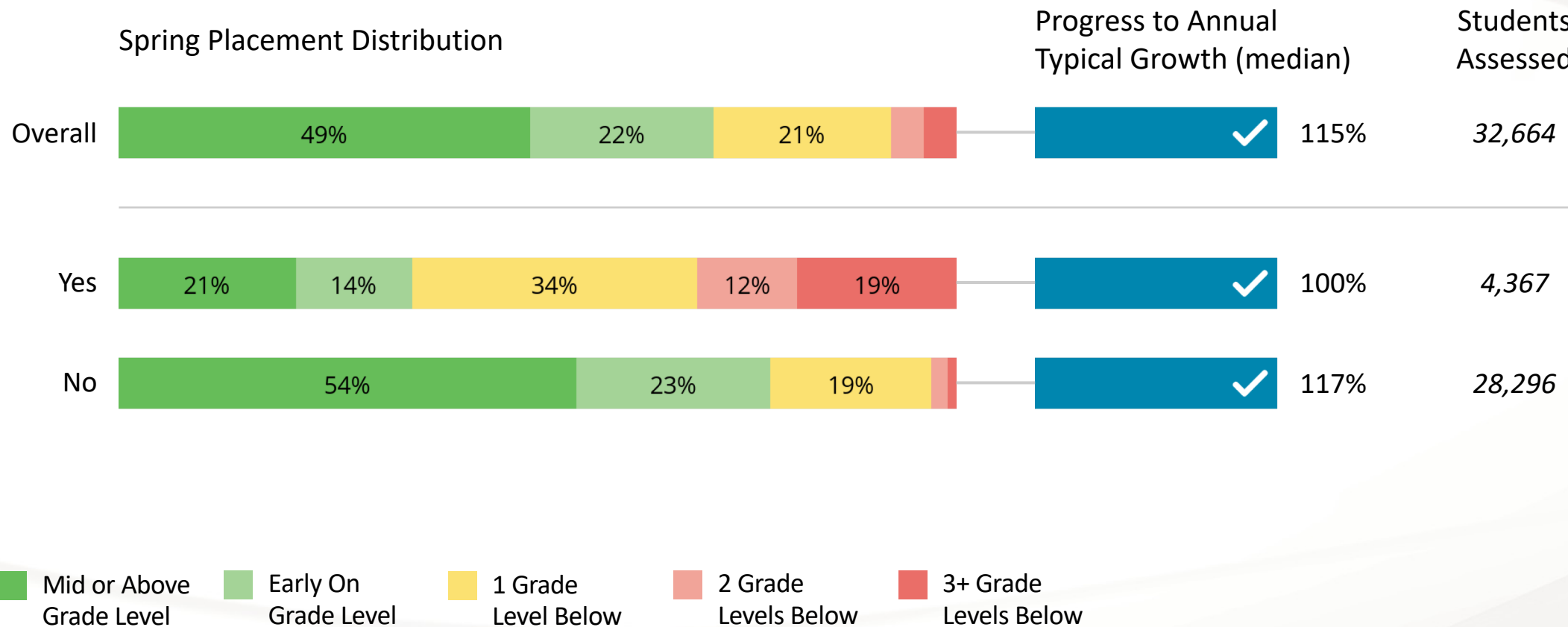
# What Are the Relative Placements and Growth by Race?

	Spring Placement Distribution	Progress to Annual Typical Growth (median)	Students Assessed
Overall		115%	32,664
American Indian or Alaska Native		106%	152
Asian		127%	2,273
Black or African American		100%	465
Native Hawaiian or Other Pacific Islander		83%	39
Two or More Races		116%	2,163
White		117%	22,754
Not Reported		107%	4,818

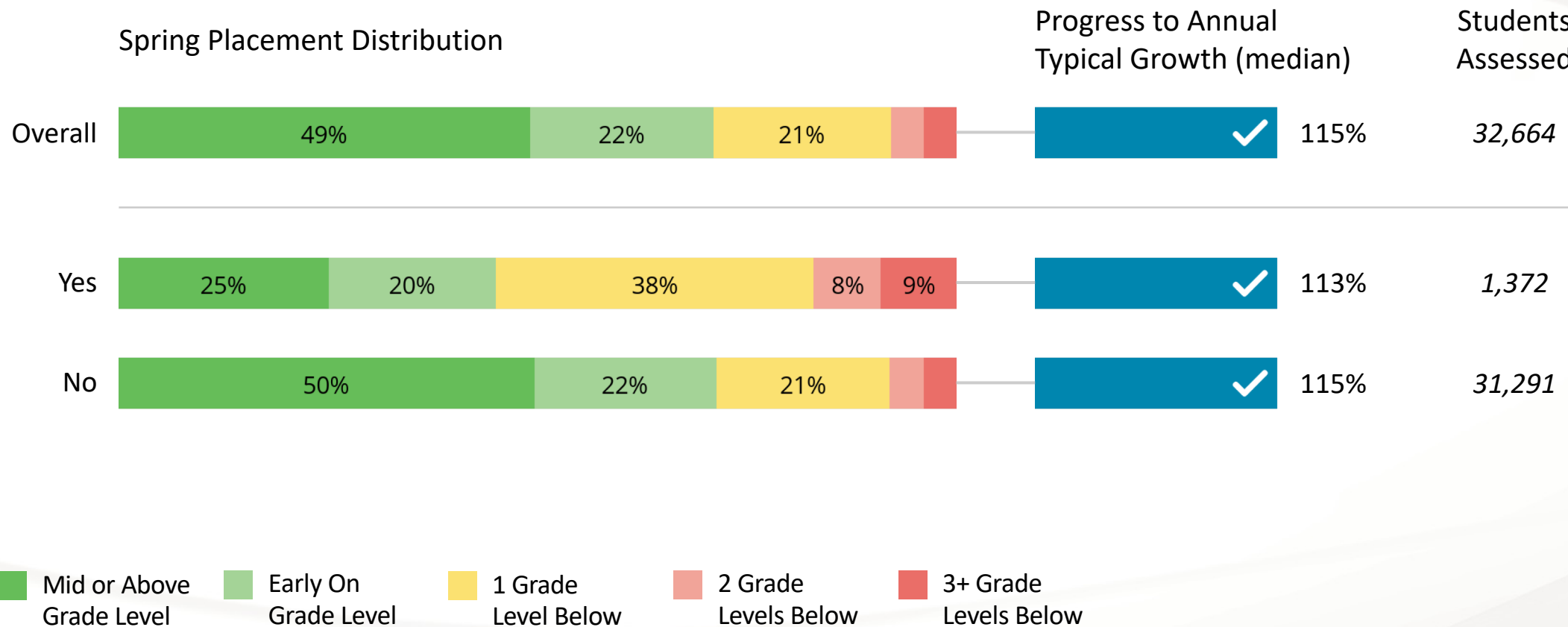
# What Are the Relative Placements and Growth by Hispanic or Latino?



# What Are the Relative Placements and Growth by Special Education?



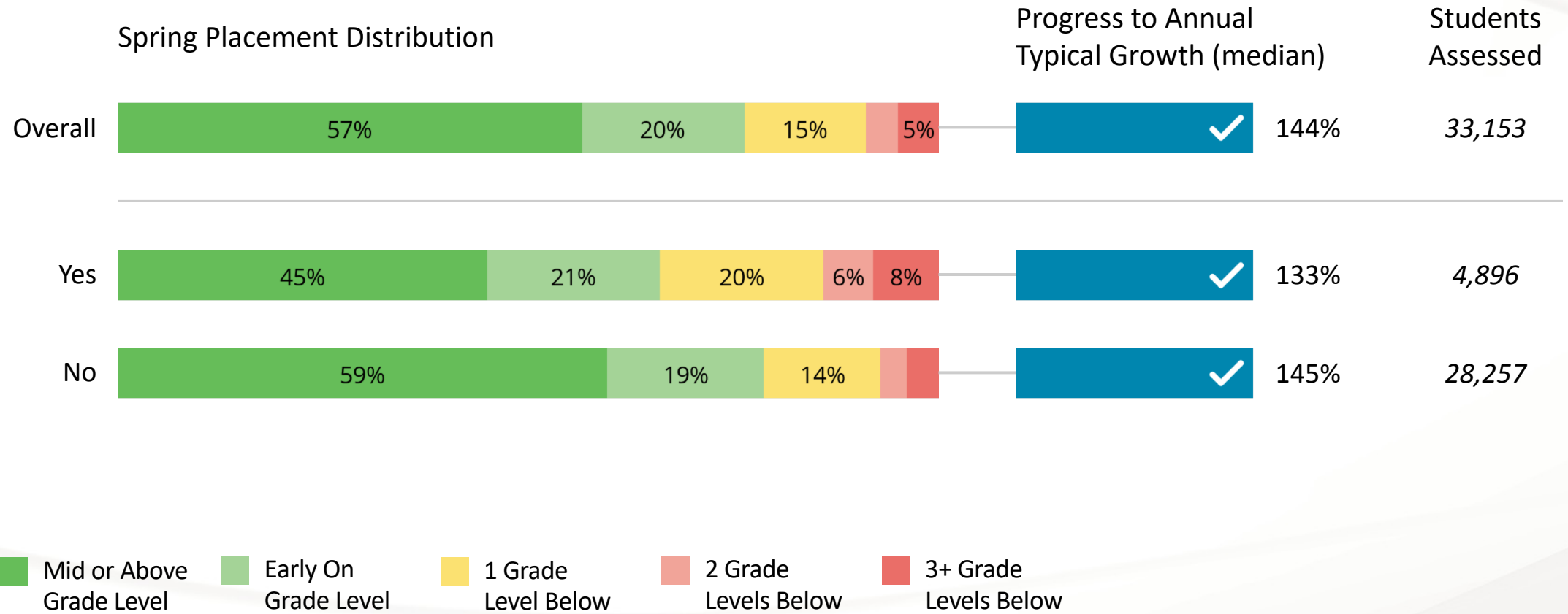
# What Are the Relative Placements and Growth by English Learner?



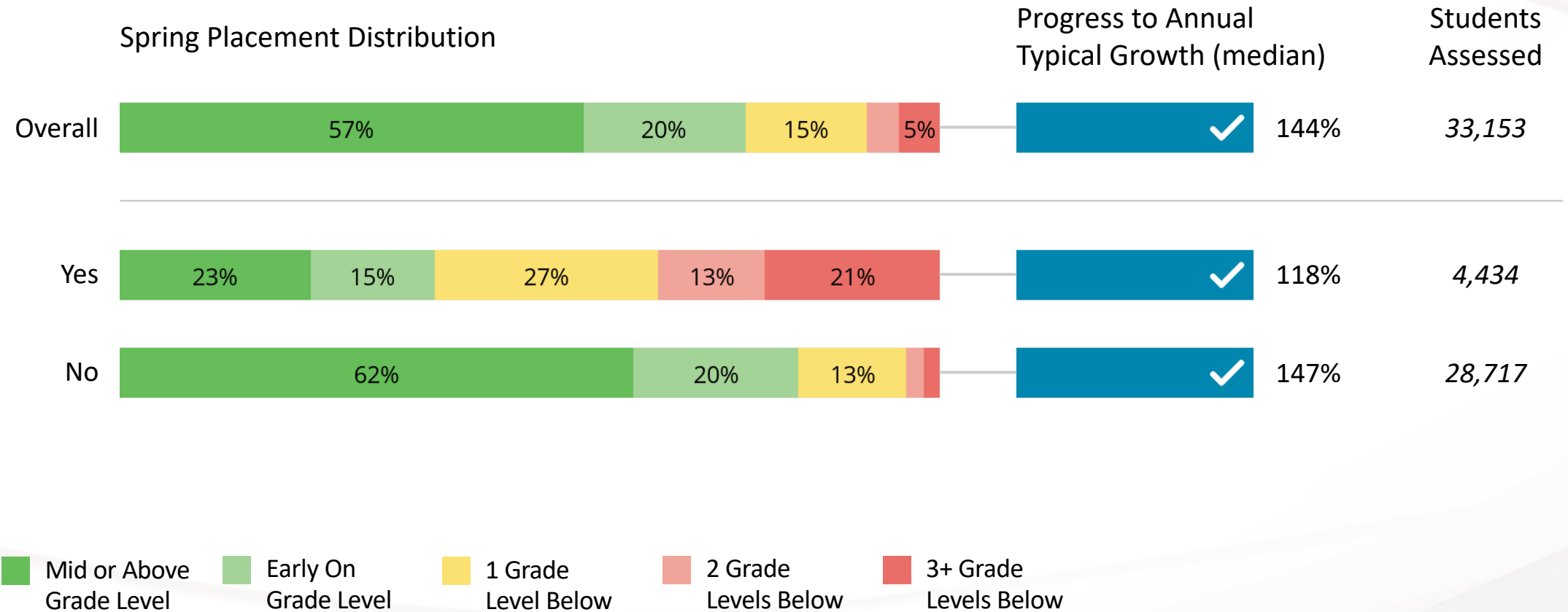
# What Are the Relative Placements and Growth by Race?

	Spring Placement Distribution	Progress to Annual Typical Growth (median)	Students Assessed
Overall		144%	33,153
American Indian or Alaska Native		125%	152
Asian		152%	2,323
Black or African American		137%	476
Native Hawaiian or Other Pacific Islander		118%	39
Two or More Races		143%	2,213
White		145%	23,054
Not Reported		133%	4,896

# What Are the Relative Placements and Growth by Hispanic or Latino?



# What Are the Relative Placements and Growth by Special Education?





# What Are the Relative Placements and Growth by English Learner?

