

ROCHESTER COMMUNITY SCHOOLS

PRIDE IN EXCELLENCE

Fall Benchmark Assessment Data

December 2, 2020



Background

- K-8 students participated in i-Ready diagnostics
 - Reading
 - Math
- Added 6-8 students in response to return to school bills
 - Merit in continuing this moving forward
- 9,448 students took and completed the math diagnostic
- 9,463 students took and completed the reading diagnostic
 - Outside of individualized decisions (ie. A student with a learning plan and/or IEP) those that chose to not participate or did not complete the diagnostics did not disproportionately impact one particular subgroup or another.



Overview of i-Ready Analysis

The analyses presented in this report use the following key features of the Diagnostic:

Criterion-referenced placements to:

- Understand performance against grade level standards
- Compare beginning of year performance and academic needs of this year's student population to prior year cohorts
- Understand performance at the domain level

Vertically-aligned scale scores to:

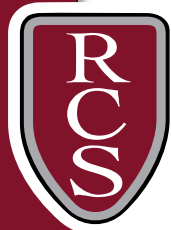
- Examine average scores over time for the same cohort of students
- Compare Winter 19–20 and Fall 20–21 performance to understand the combined impact of school closures and summer learning loss

Norm-referenced performance to:

- Understand student performance relative to a nationally representative group
- Compare performance of the same cohort of students over time, benchmarked against the national group



Math Benchmark Data Review



Who is included in the analysis?

CROSS-SECTIONAL ANALYSIS

Students who completed a Diagnostic in any of the testing windows examined.

Students are included in the 3-year cross-sectional analysis if they completed a Diagnostic in Fall 18-19 **or** Fall 19-20 **or** Fall 20-21.



Grade	K	1	2	3	4	5	6	7	8
Fall 20-21	876	1,048	1,041	1,078	1,148	1,075	1,056	1,078	1,107
Fall 19-20	1,046	1,083	1,090	1,169	1,098	1,119	-	-	-
Fall 18-19	1,035	1,053	1,136	1,069	1,119	1,108	-	-	-

LONGITUDINAL COHORT ANALYSIS

Students who completed a Diagnostic in all of the testing windows examined.

Students are included in the 2-year cohort analysis if they completed a Diagnostic in Fall 19-20 **and** Winter 19-20 **and** Fall 20-21.

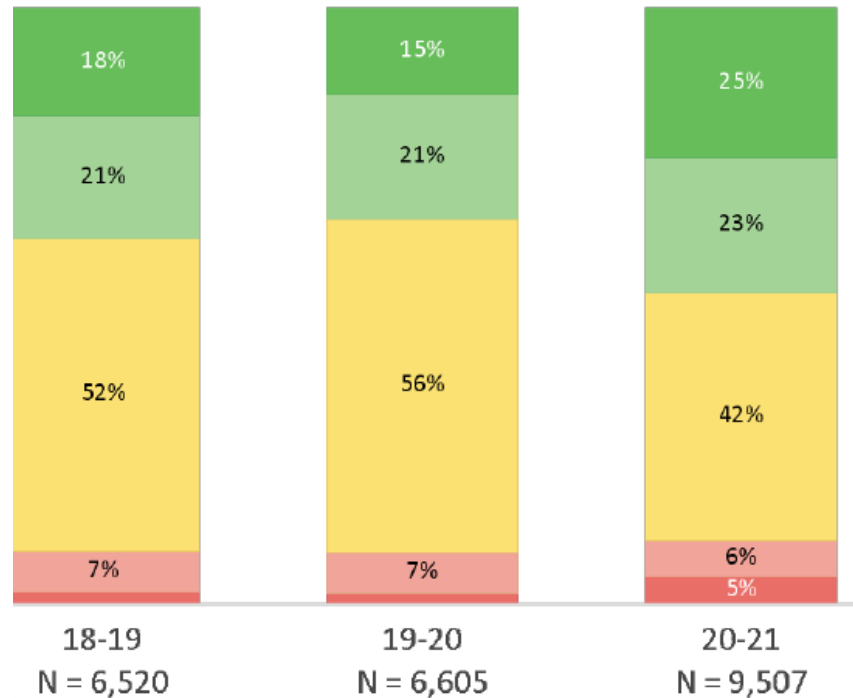


Grade	K -> 1	1 -> 2	2 -> 3	3 -> 4	4 -> 5	5 -> 6
Number of students	916	949	979	1,055	1,009	973



Initial Trend Data—Cross Section Analysis

Placement Distribution, Fall 18-19 to Fall 20-21



Mid On-Grade or Above

Students who have met the minimum requirements for the expectations of college- and career-ready standards in their grade level.

Early On-Grade

Students who have only partially met these grade-level expectations.

1 Grade Below

Students placed one year below grade level.

2 Grades Below

Students placed two years below grade level.

3+ Grades Below

Students placed three or more years below grade level.

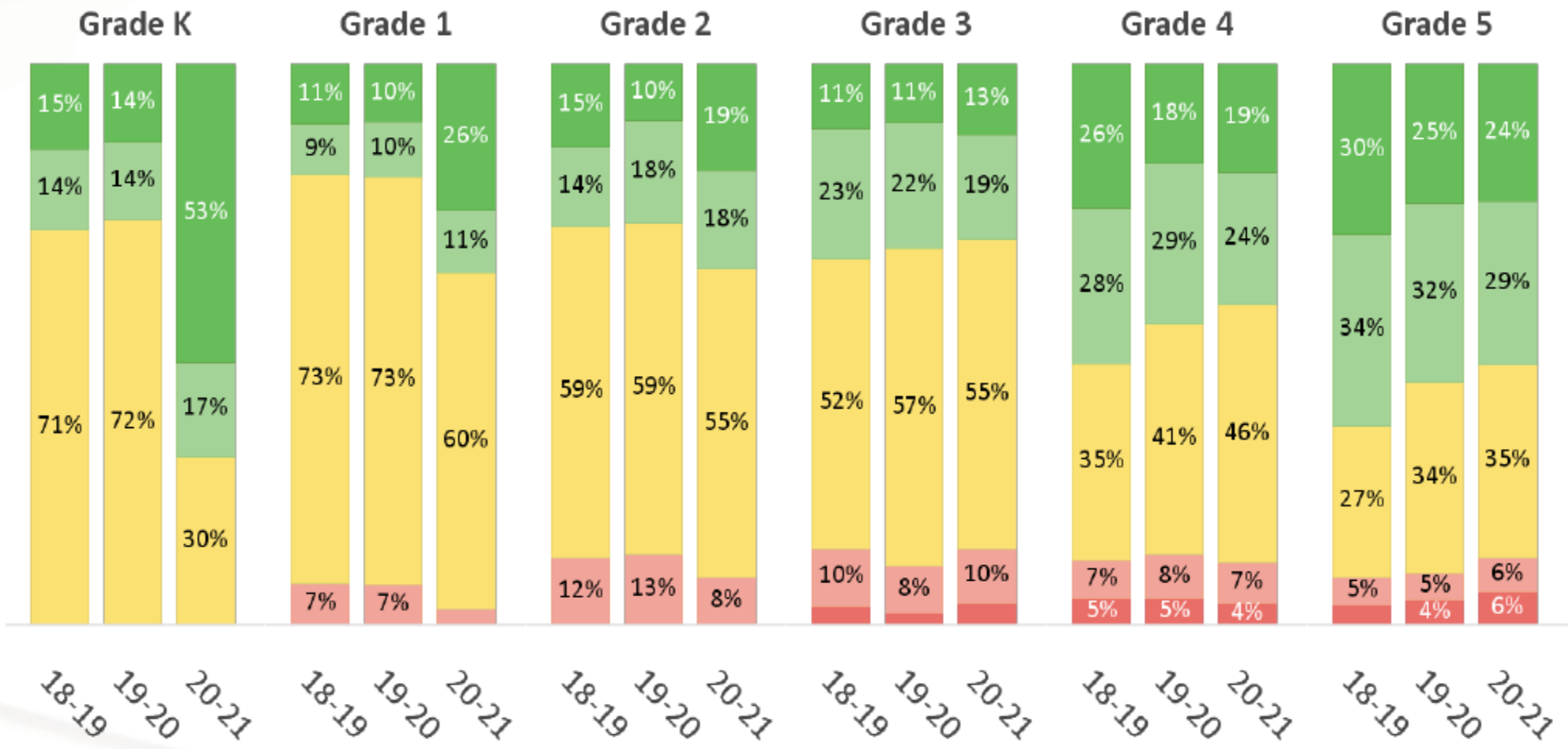
i-Ready's placements are an indication of what students are expected to know at each grade level.

Even though this is beginning of the year data, i-Ready measures the performance towards the grade level standards. It is a static measure. All students in the green categories would be considered at or above the end of year grade level performance, and a large portion of students in yellow are approaching the end of the year benchmarks.



Grade Level Trends-Cross Section Analysis

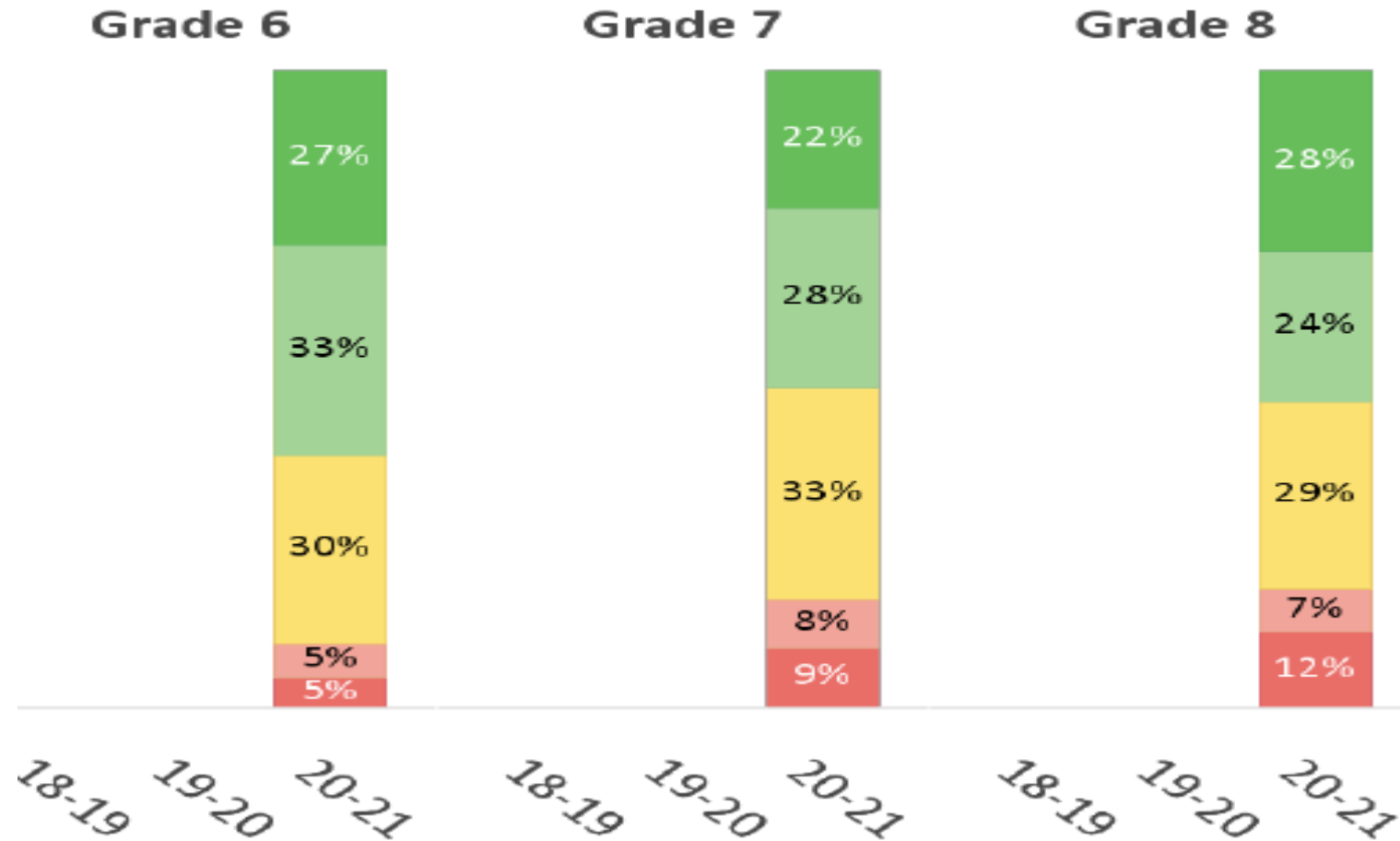
Placement Distribution, Fall 18-19 to Fall 20-21





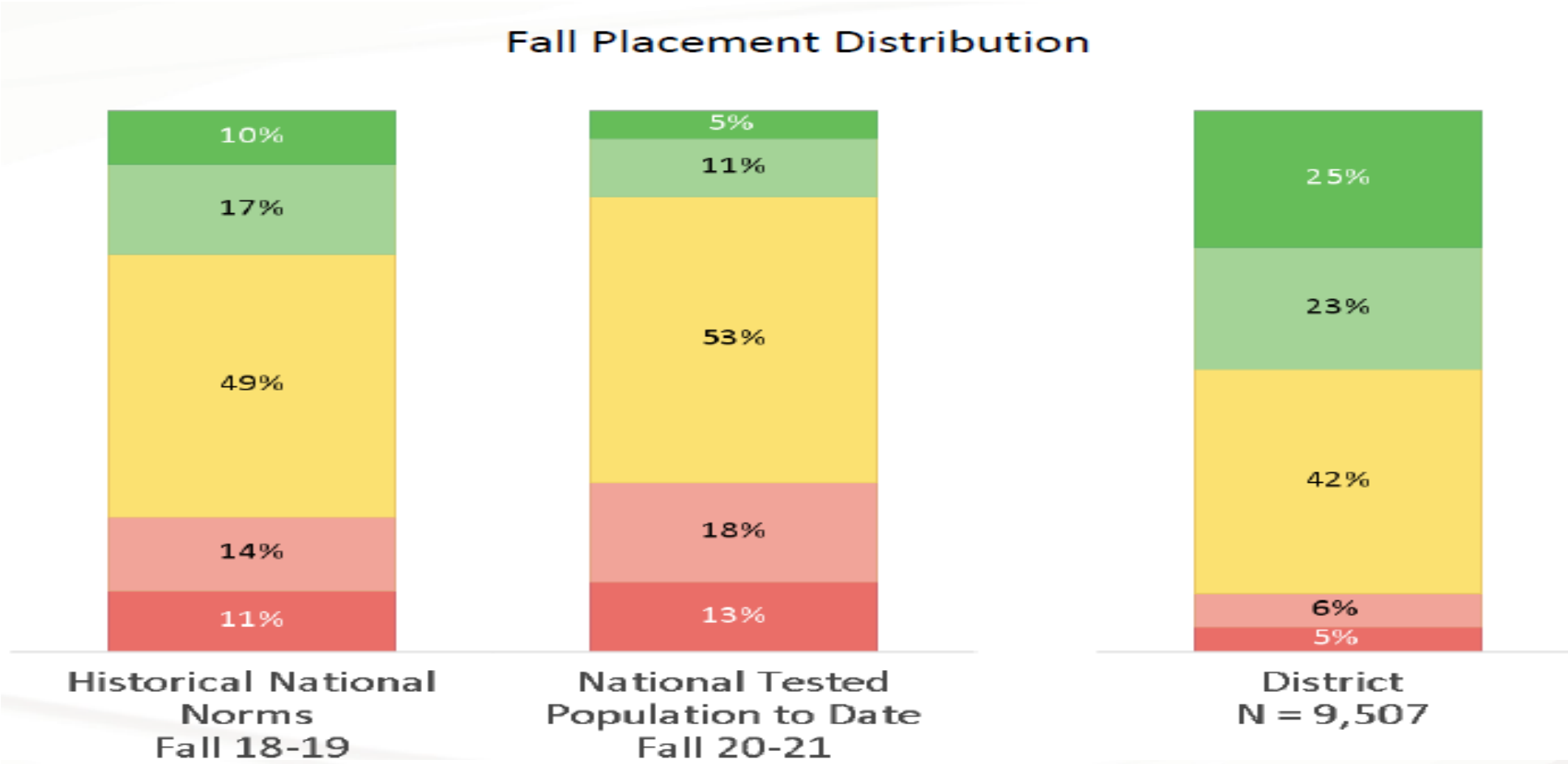
Initial MS Placement Distribution-Cross Section Analysis

Placement Distribution, Fall 18-19 to Fall 20-21





Comparative Data

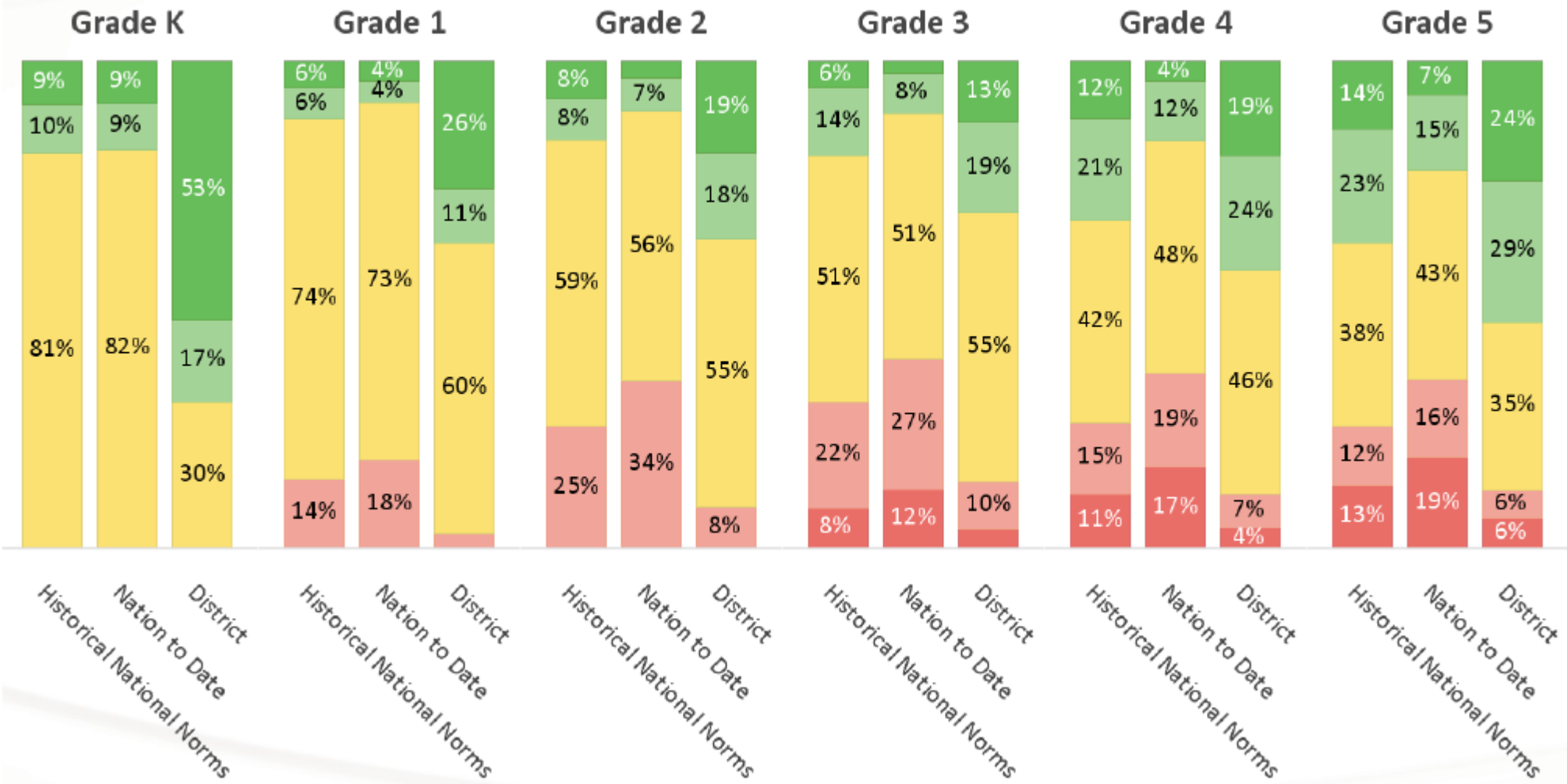


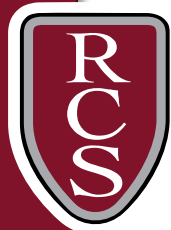
The National Tested Population represents all Diagnostics taken in school across the nation as of 10/24/2020. This includes data from 2,256,233 Diagnostics.



Comparative Data-K-5

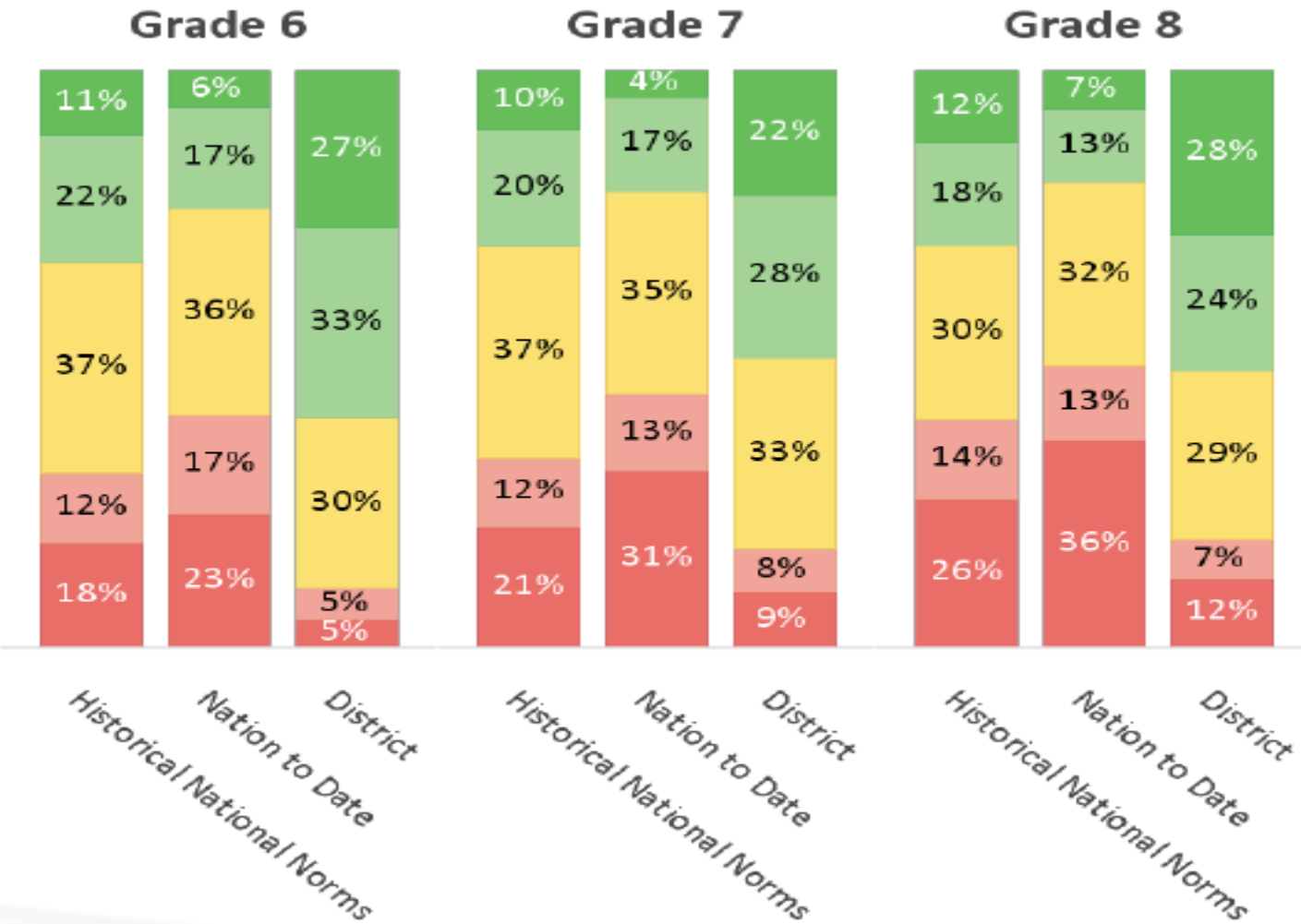
Fall Placement Distribution, by Grade





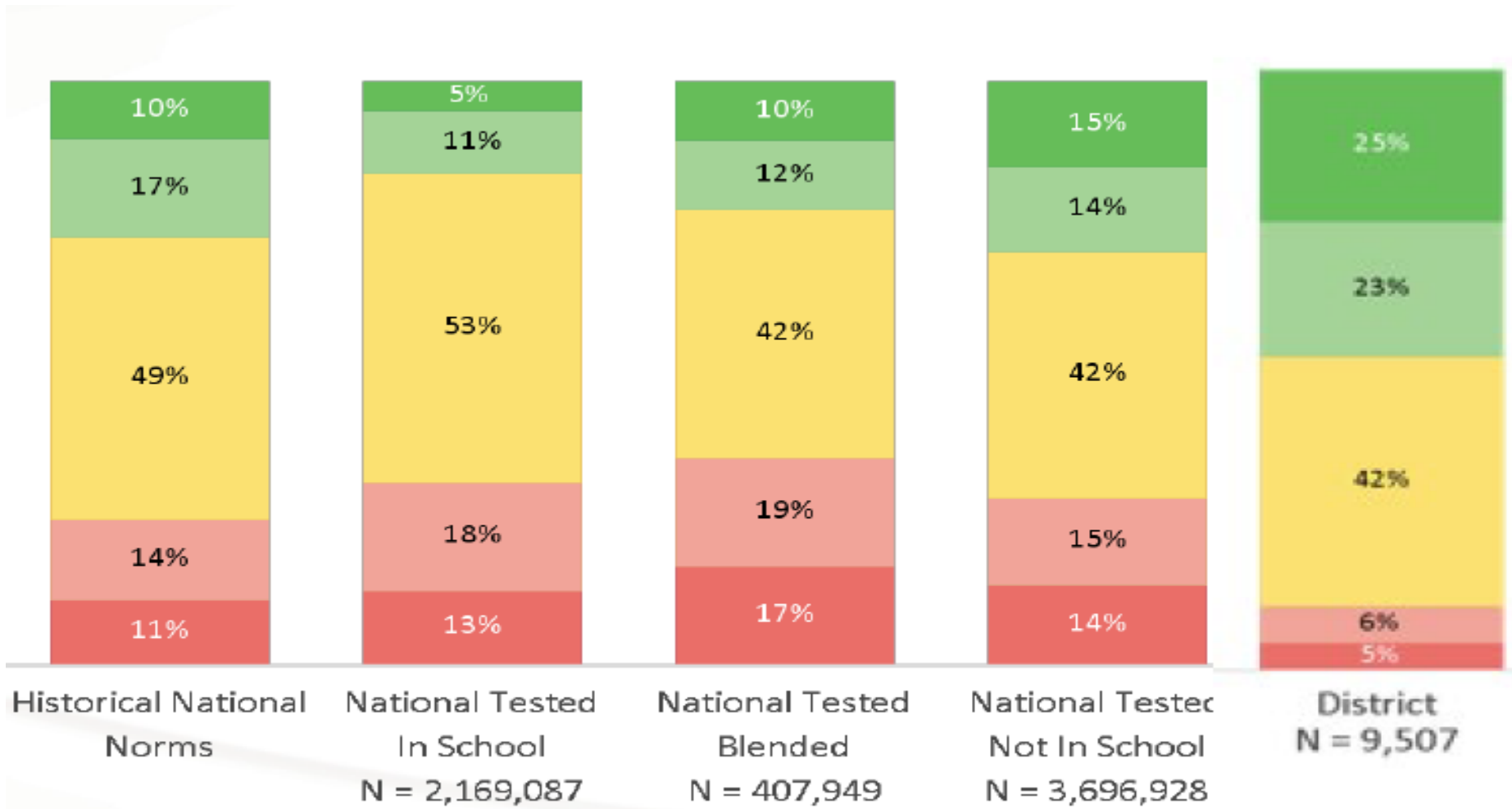
Comparative Data-MS

Fall Placement Distribution, by Grade



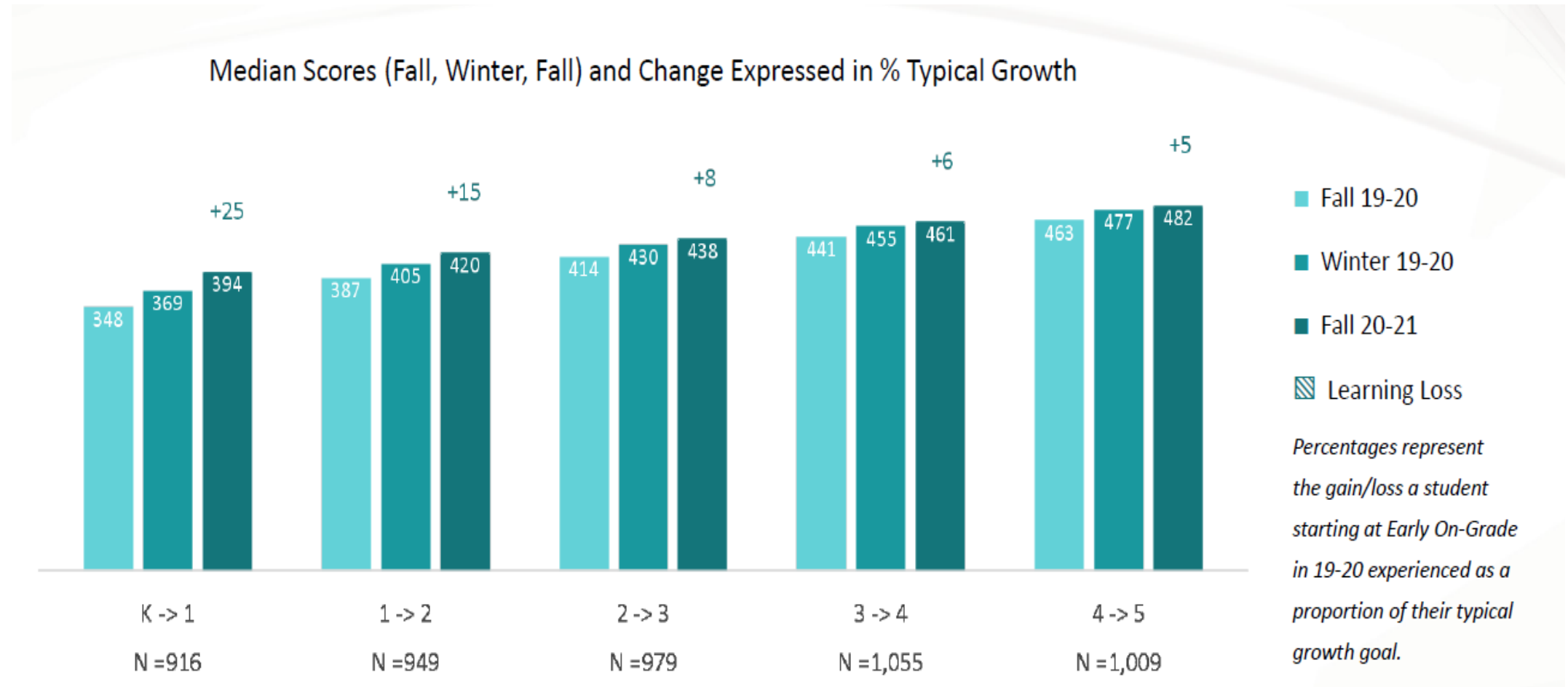


Comparative Data by Testing Environment





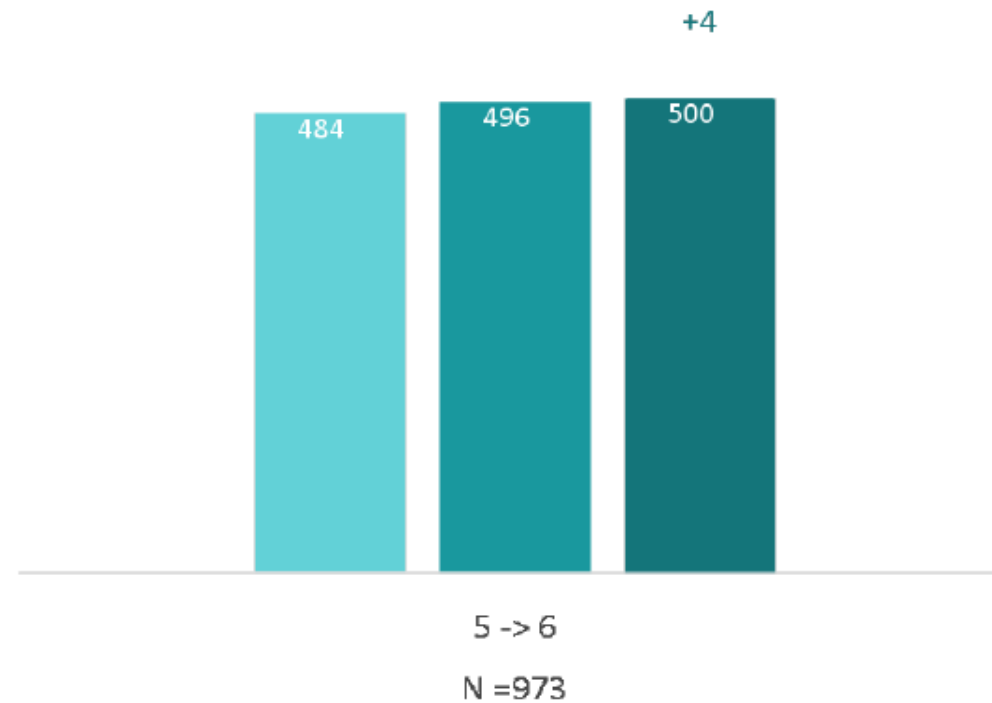
Learning Loss or Learning Gain? Longitudinal Analysis





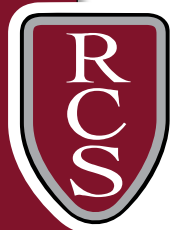
Learning Loss or Learning Gain?-5th to 6th Grade

Median Scores (Fall, Winter, Fall) and Change Expressed in % Typical Growth





Reading Benchmark Data Review



Who's Included in the analysis?

CROSS-SECTIONAL ANALYSIS

Students who completed a Diagnostic in any of the testing windows examined.

Students are included in the 3-year cross-sectional analysis if they completed a Diagnostic in Fall 18-19 **or** Fall 19-20 **or** Fall 20-21.



Grade	K	1	2	3	4	5	6	7	8
Fall 20-21	880	1,048	1,041	1,080	1,146	1,074	1,072	1,038	1,150
Fall 19-20	1,047	1,081	1,093	1,171	1,098	1,121	-	-	-
Fall 18-19	1,040	1,061	1,140	1,072	1,121	1,114	-	-	-

LONGITUDINAL COHORT ANALYSIS

Students who completed a Diagnostic in all of the testing windows examined.

Students are included in the 2-year cohort analysis if they completed a Diagnostic in Fall 19-20 **and** Winter 19-20 **and** Fall 20-21.

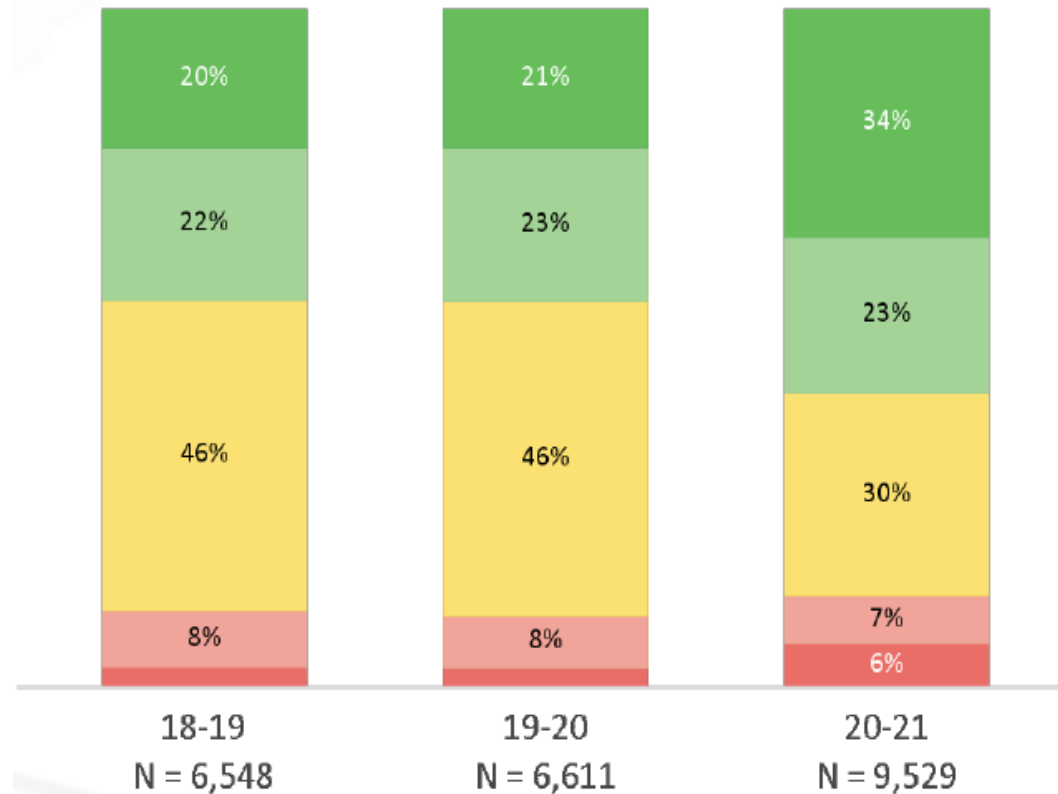


Grade	K -> 1	1 -> 2	2 -> 3	3 -> 4	4 -> 5	5 -> 6
Number of students	920	952	987	1,057	1,008	985



Initial Trend Data—Cross Section Analysis

Placement Distribution, Fall 18-19 to Fall 20-21



Mid On-Grade or Above

Students who have met the minimum requirements for the expectations of college- and career-ready standards in their grade level.

Early On-Grade

Students who have only partially met these grade-level expectations.

1 Grade Below

Students placed one year below grade level.

2 Grades Below

Students placed two years below grade level.

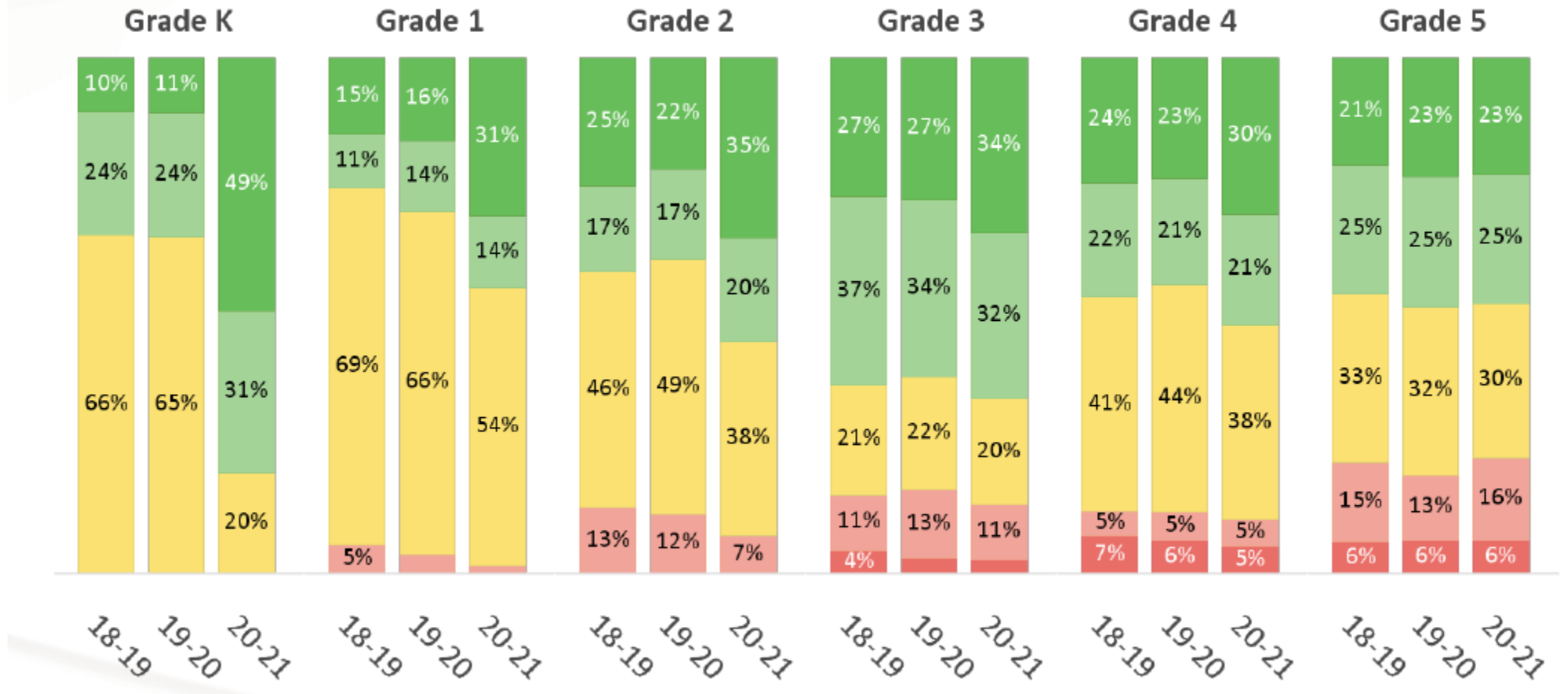
3+ Grades Below

Students placed three or more years below grade level.



Grade Level Trends-Cross Section Analysis

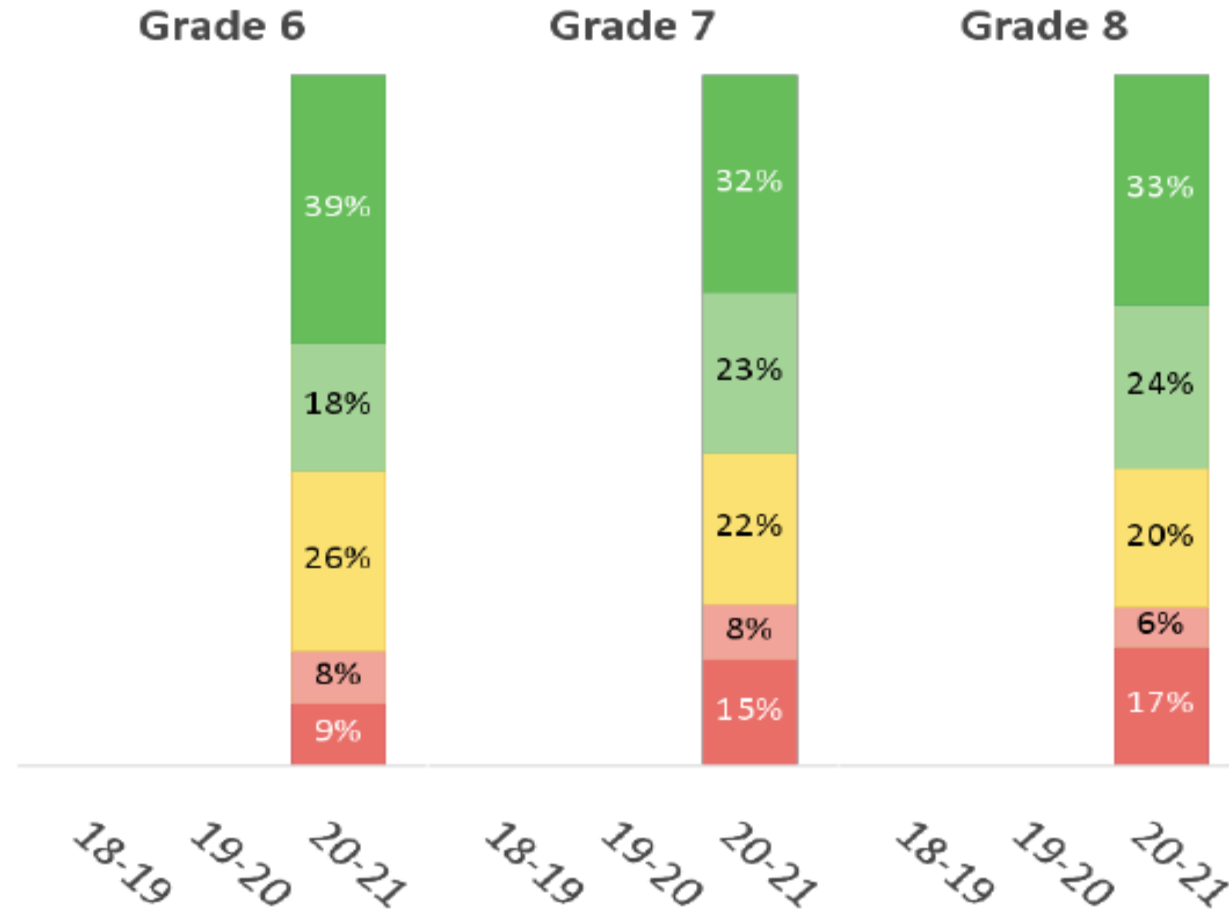
Placement Distribution, Fall 18-19 to Fall 20-21





Initial MS Placement Distribution-Cross Section Analysis

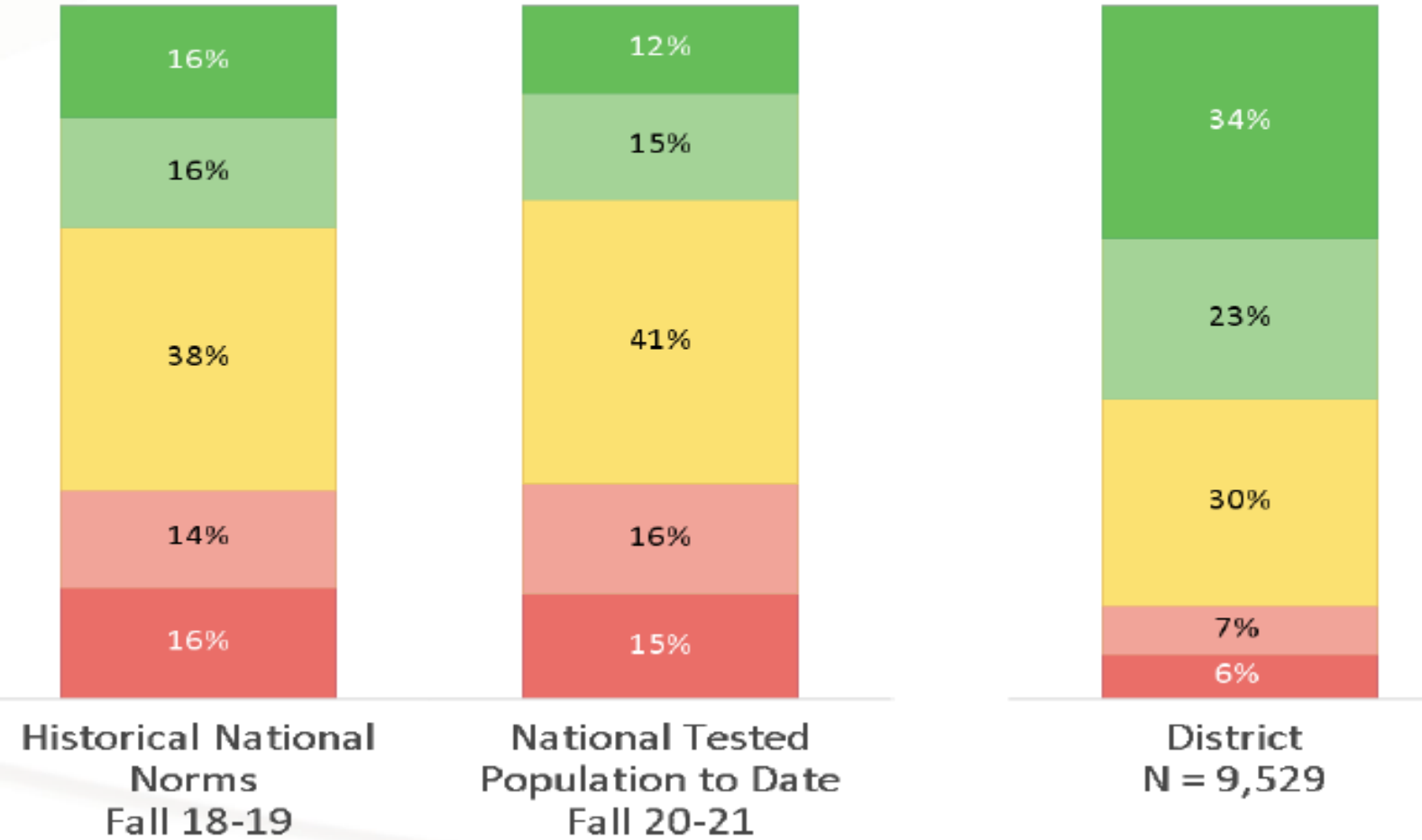
Placement Distribution, Fall 18-19 to Fall 20-21





Comparative Data

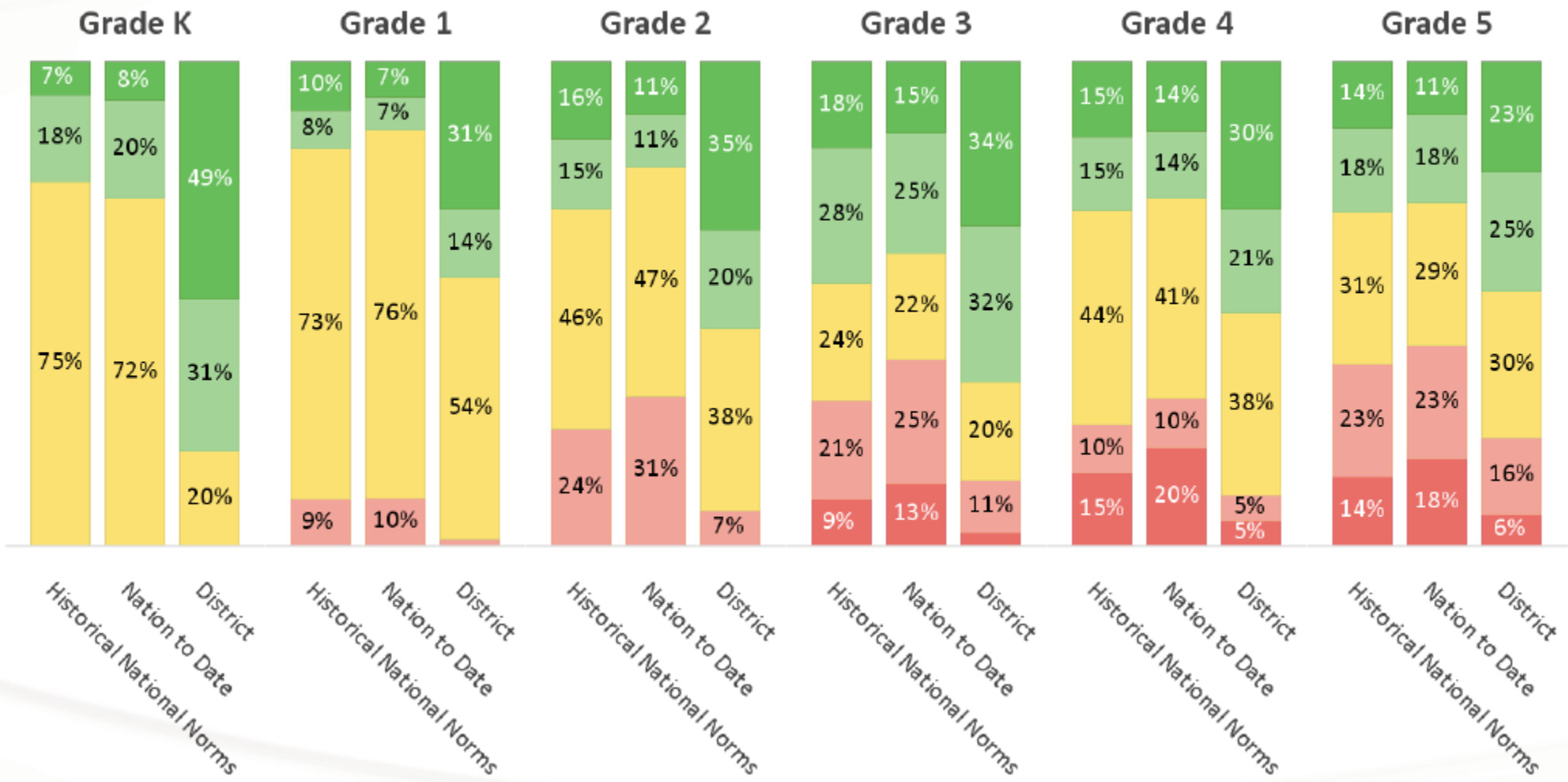
Fall Placement Distribution





Comparative Data-K-5

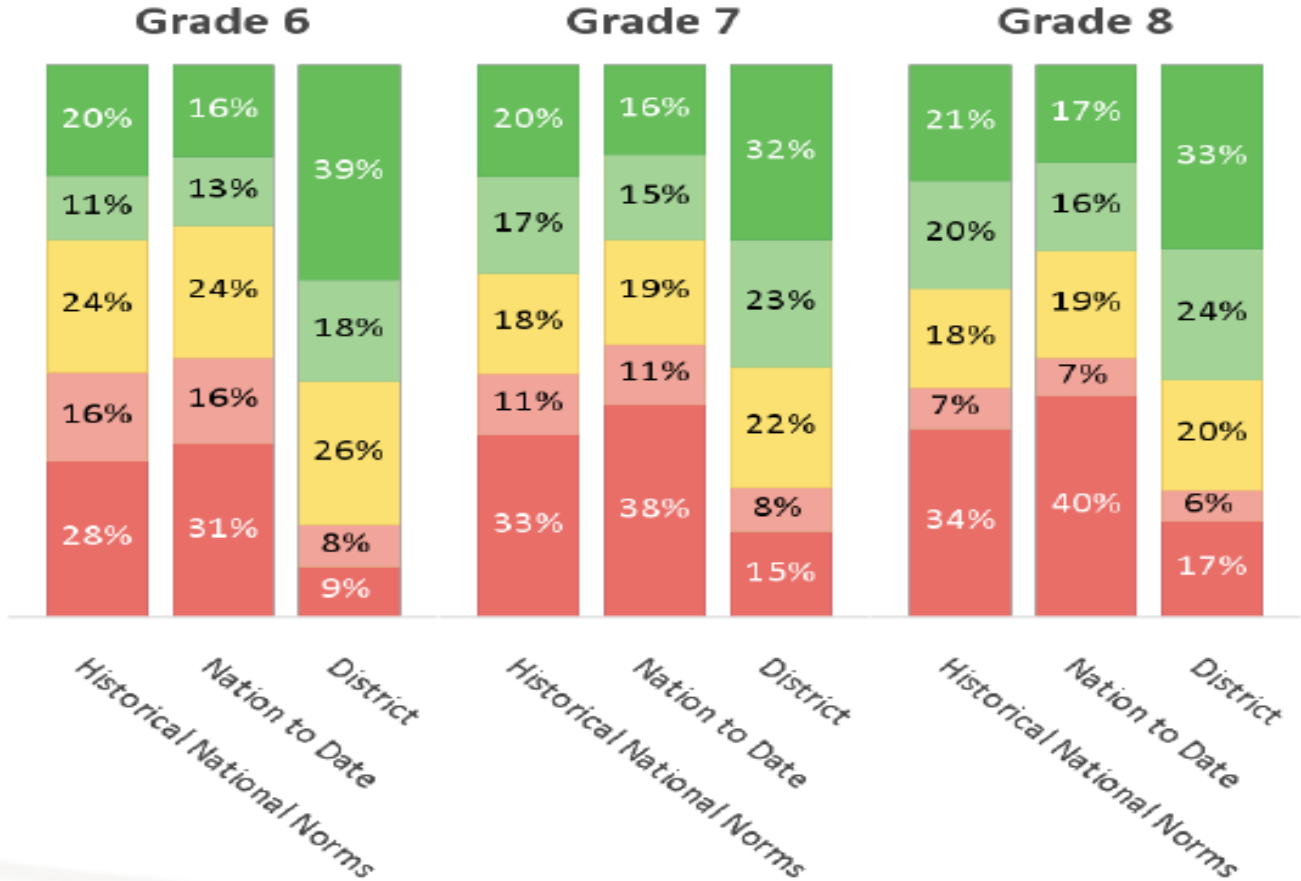
Fall Placement Distribution, by Grade





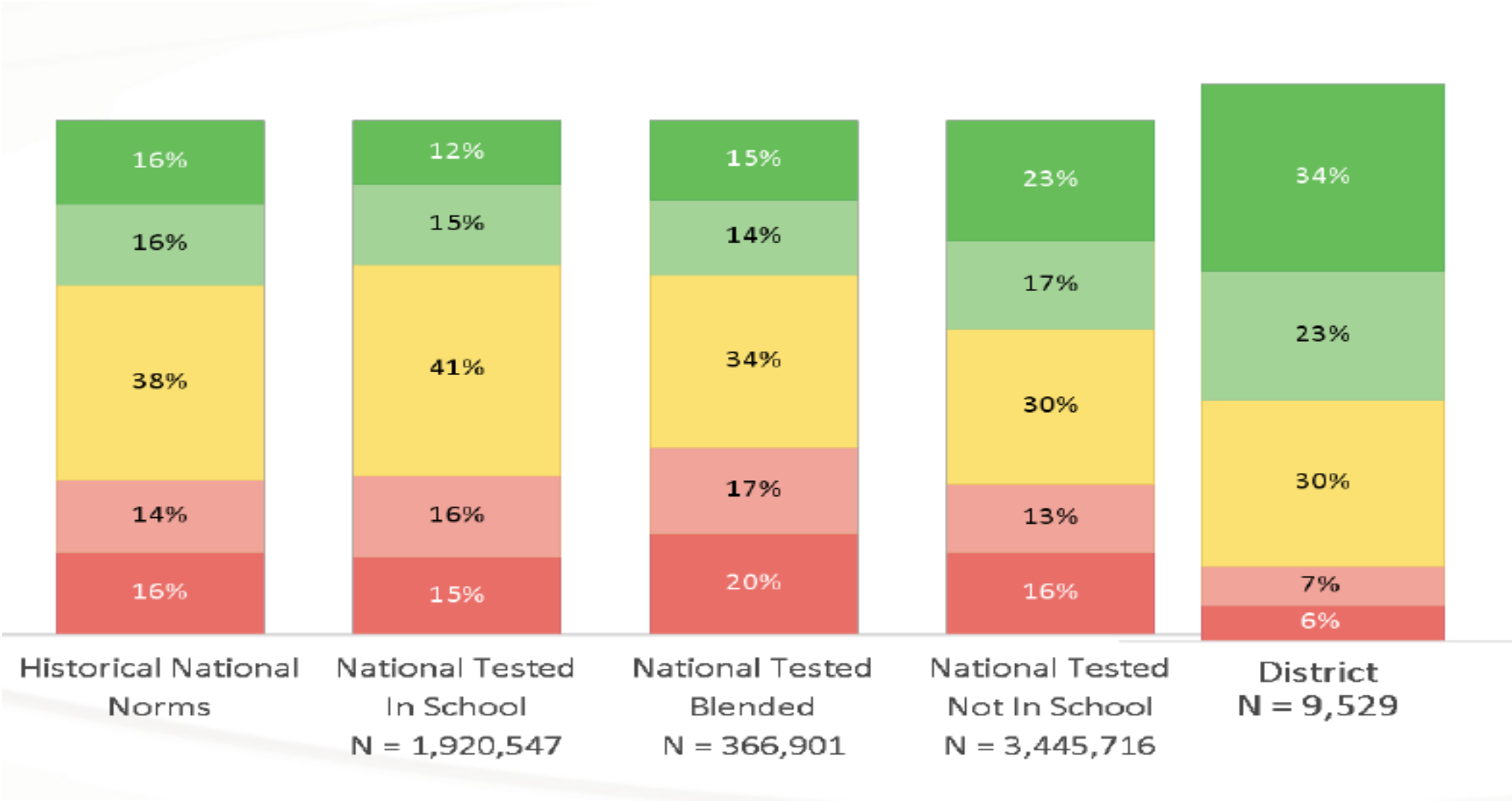
Comparative Data-MS

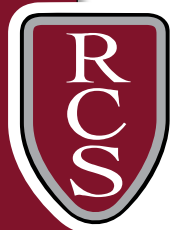
Fall Placement Distribution, by Grade



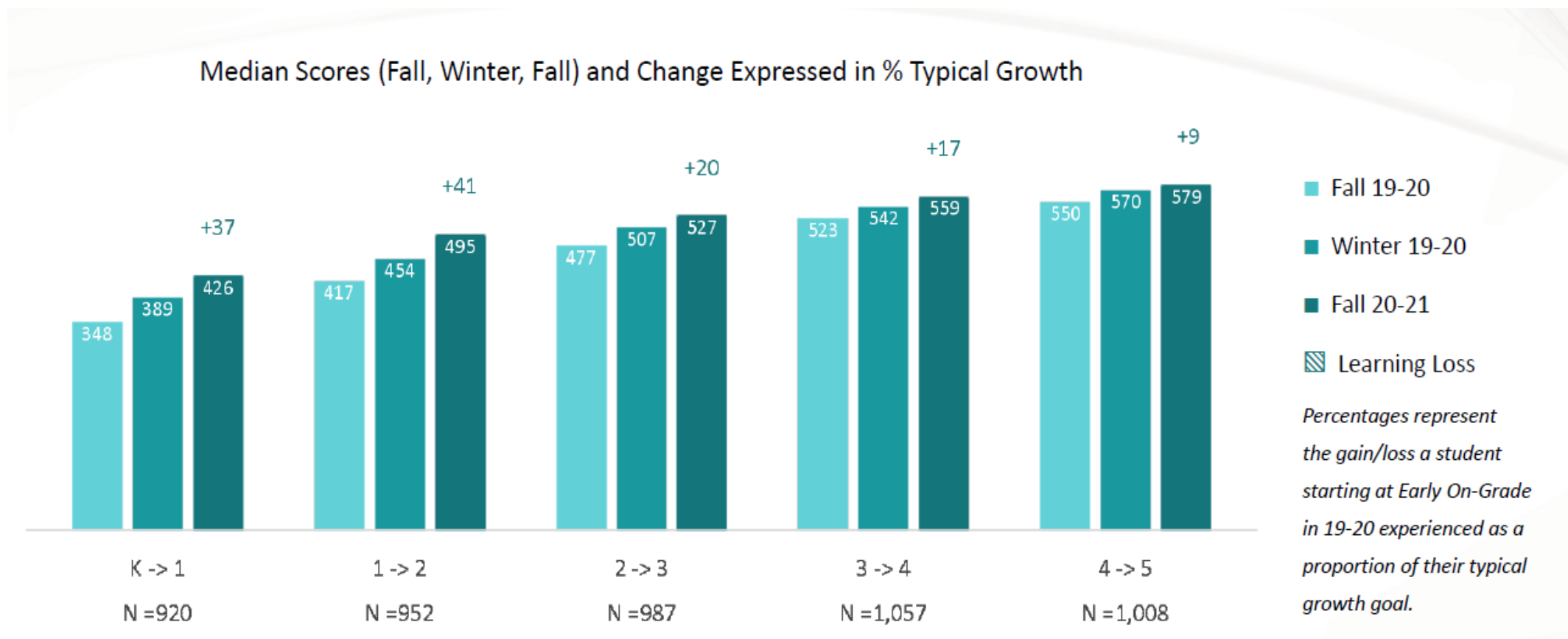


Comparative Data by Testing Environment





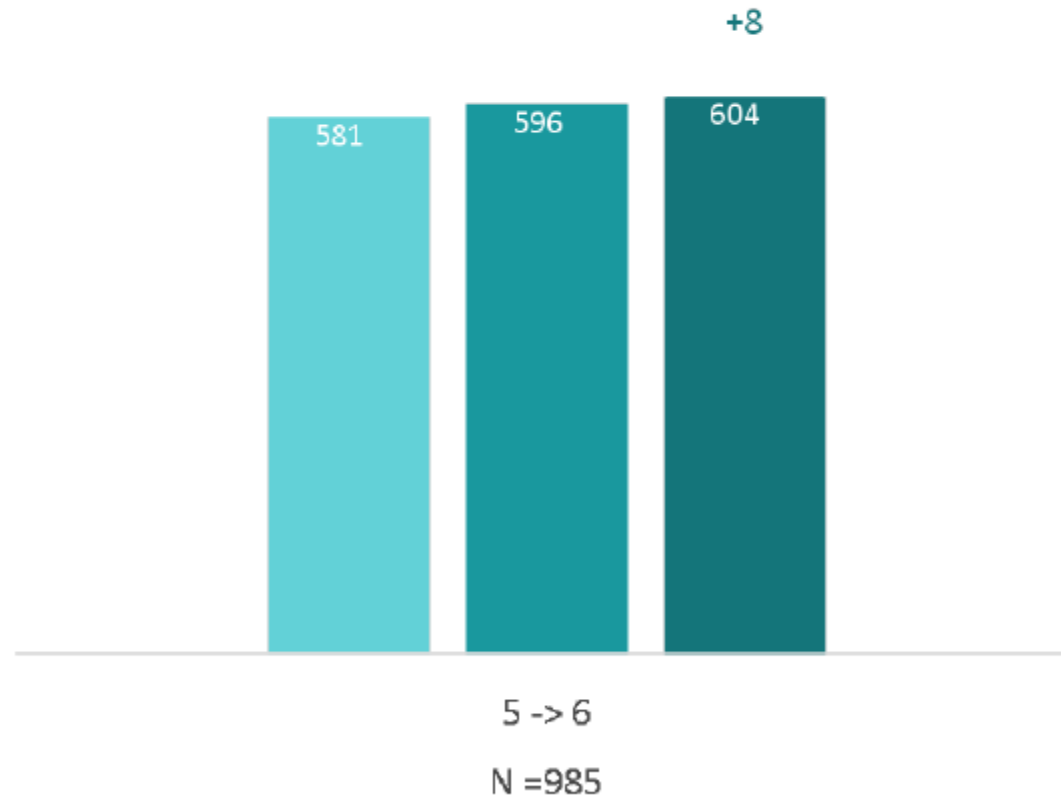
Learning Loss or Learning Gain? Longitudinal Analysis

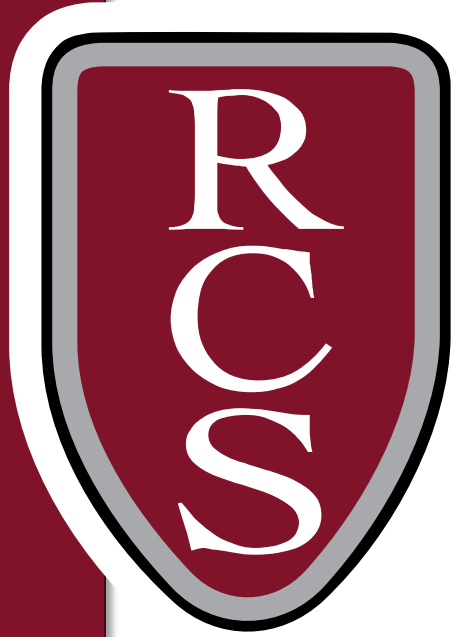




Learning Loss or Learning Gain?-5th to 6th Grade

Median Scores (Fall, Winter, Fall) and Change Expressed in % Typical Growth





ROCHESTER COMMUNITY SCHOOLS

PRIDE IN EXCELLENCE

COVID-19 Learning Plan



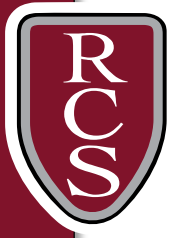
Data Set for COVID-19 Learning Plan Goals

- District benchmark achievement data
 - Reading K-8
 - Math K-8
- District growth data will be available in the late spring
- Subgroup benchmark achievement data
 - All Students
 - Economically Disadvantaged
 - Special Education
 - English Learner
 - Female
 - Male
- Data presented in Beginning of Year View
 - To understand student needs for the Fall



COVID-19 Learning Plan Goals

- Rochester Community Schools believes that benchmark assessment evidence can be used to monitor and evaluate patterns and trends in school/district academic performance and to identify effective instructional programs.
- When evaluating and analyzing student performance on the i-Ready, Rochester Community Schools has the following goals in reading and math:
 - All Students will demonstrate growth on the i-Ready Reading assessment
 - All students will demonstrate growth on the i-Ready Math assessment

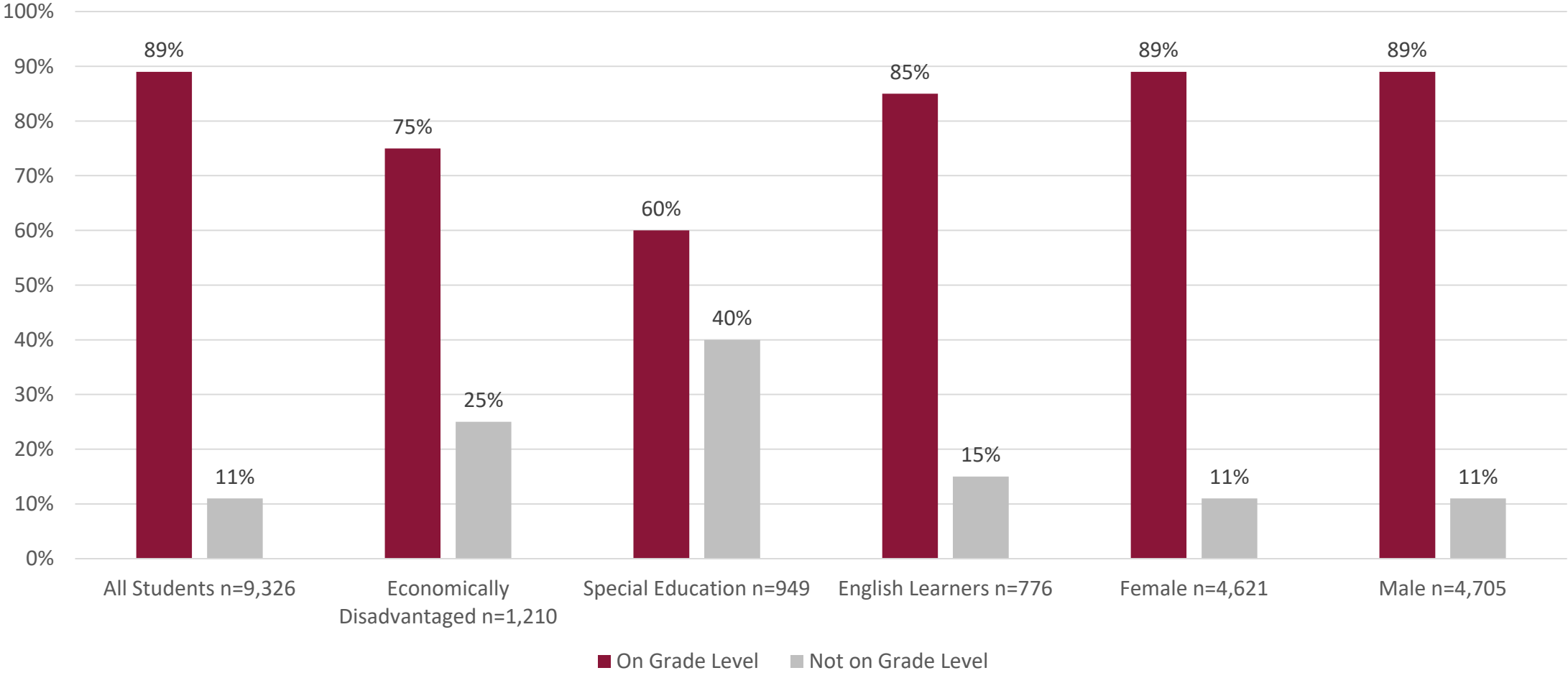


Fall Benchmark Achievement Data

K-8 Math



Math Achievement Data Chart





Fall Benchmark Achievement Data

K-8 Reading



Reading Achievement Data

