

BOE Data Presentation

Five Year Longitudinal Review



April 3, 2024

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Student success depends on parents who support their kids' academic growth at home.

PARENTS



Student success also depends on teachers to design effective instruction and individualized lessons.

EDUCATORS



POLICYMAKERS

And student success depends on policymakers to allocate resources and craft important laws.



STUDENTS

Every student's success depends on all of this coming together. And that's the real power of data.

ACADEMIC INFORMATION

- GROWTH
- COURSES
- ENROLLMENT
- GRADES
- COMPLETION
- GRADUATION



TYPES OF DATA

But what exactly do we mean by student data? Student data is collected from many sources and in many formats, although the type of data, and who can access it, varies.



BY TEACHERS

- OBSERVATION
- ENGAGEMENT



- QUIZZES
- TESTS
- INTERIM ASSESSMENTS
- ANNUAL ASSESSMENTS

TESTING



- AGE
- RACE
- GENDER
- ECONOMIC STATUS
- SPECIAL EDUCATION NEEDS

DEMOGRAPHICS



- ATTENDANCE
- BEHAVIOR
- EXTRACURRICULAR ACTIVITIES
- PROGRAM PARTICIPATION

ACTIONS



- HOMEWORK
- LEARNING APPS

BY STUDENTS

REQUIREMENTS

To get that full, clear picture, important requirements must be met for information to be truly useful and to empower people.



AVAILABLE
Data must be there when you need it.



COMPLETE
It must provide a whole picture of student learning.



RELEVANT
Data must be relevant to your needs.



SECURE
It has to be safeguarded, trustworthy.



EFFECTIVE
Educators and policymakers need the skills to use the data.



COMMUNICATE
It must show how students and schools are doing.



SUPPORT
Data should be used to support leaders and educators.



IMPROVE
And data should be used to improve learning.

MORE FREQUENT

The Assessment Continuum

LESS FREQUENT

Student surveys
and reflections

Bell work and
exit slips

Teacher observation

Classwork

**Most Formative/
Assessment for Learning**

Unit assessments

Common
assessments

Performance
assessments

Standards-aligned
mini assessments

Progress Monitoring
Activities (PMAs)

District-adopted
interim assessments

Prescribed diagnostic
assessments

Common Final Exams
(CFEs)

State assessments

National assessments

International
assessments

Industry certification
exams

**Most Summative/
Assessment of Learning**

State Assessments Grades 3-8

The Every Student Succeeds Act (ESSA) outlines how states can use federal money to support public schools. New York State receives \$1.6 billion in federal funding each year to support its public schools.

What are the statewide assessment participation requirements under ESSA?

- ESSA requires that 95% of every state assess all students 3-8 in ELA and math each year
- States must also assess all students at least once in HS. (NY requires that students pass 5 Regents exams)

How is student participation factored into accountability determinations regarding a school's ELA and math achievement?



**Weighted Average
Achievement Index**



**Composite
Achievement Level**



Progress Level

State Assessments Grades 3-8

What are the consequences for schools that fail to meet the 95% participation rate requirement?



The school must conduct a participation rate self-assessment.

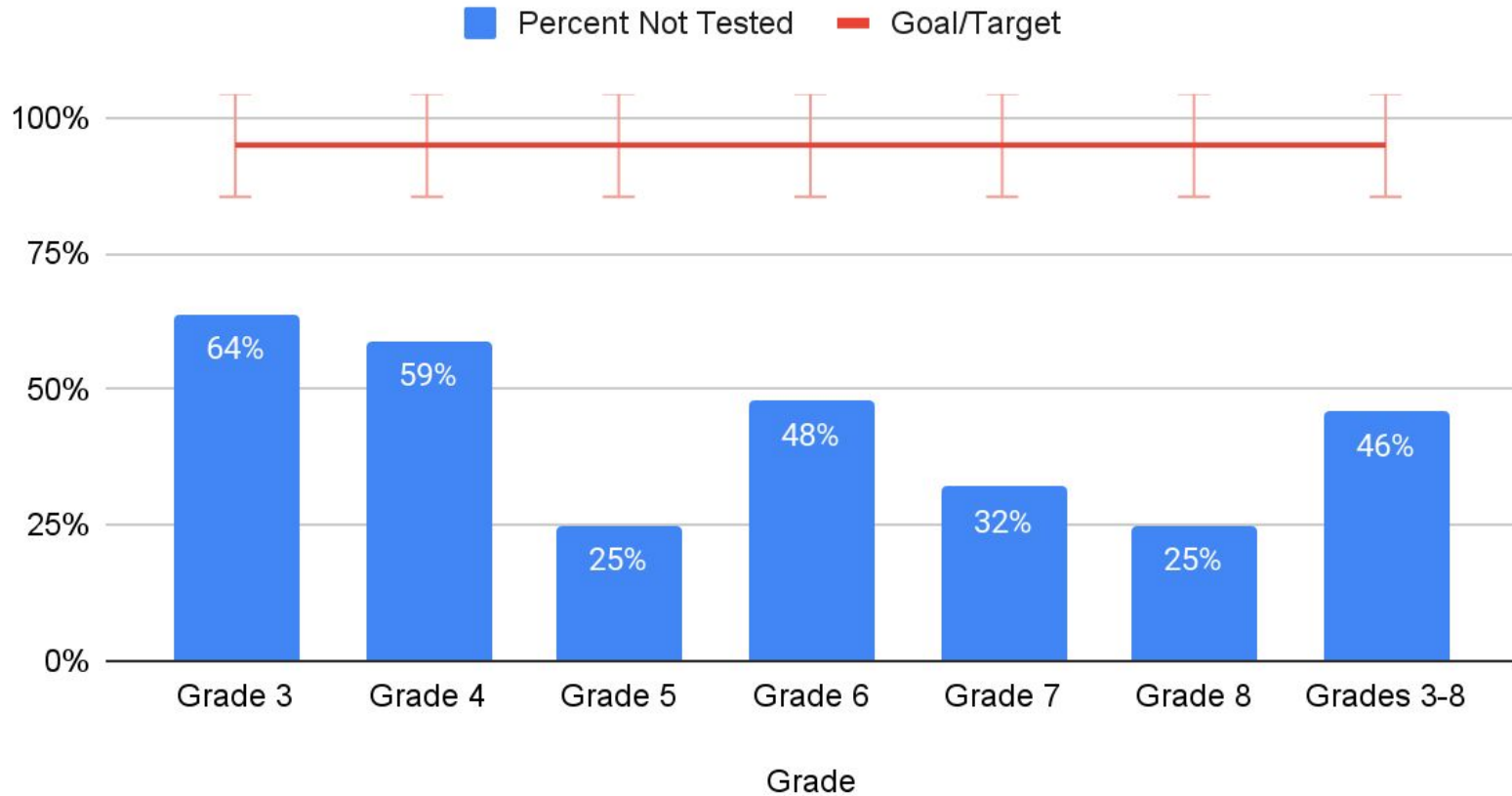


The school must develop a participation rate improvement plan that includes at least an analysis of the cause for low participation and a list of potential ways to solve the problem that the school will pursue in the following year.

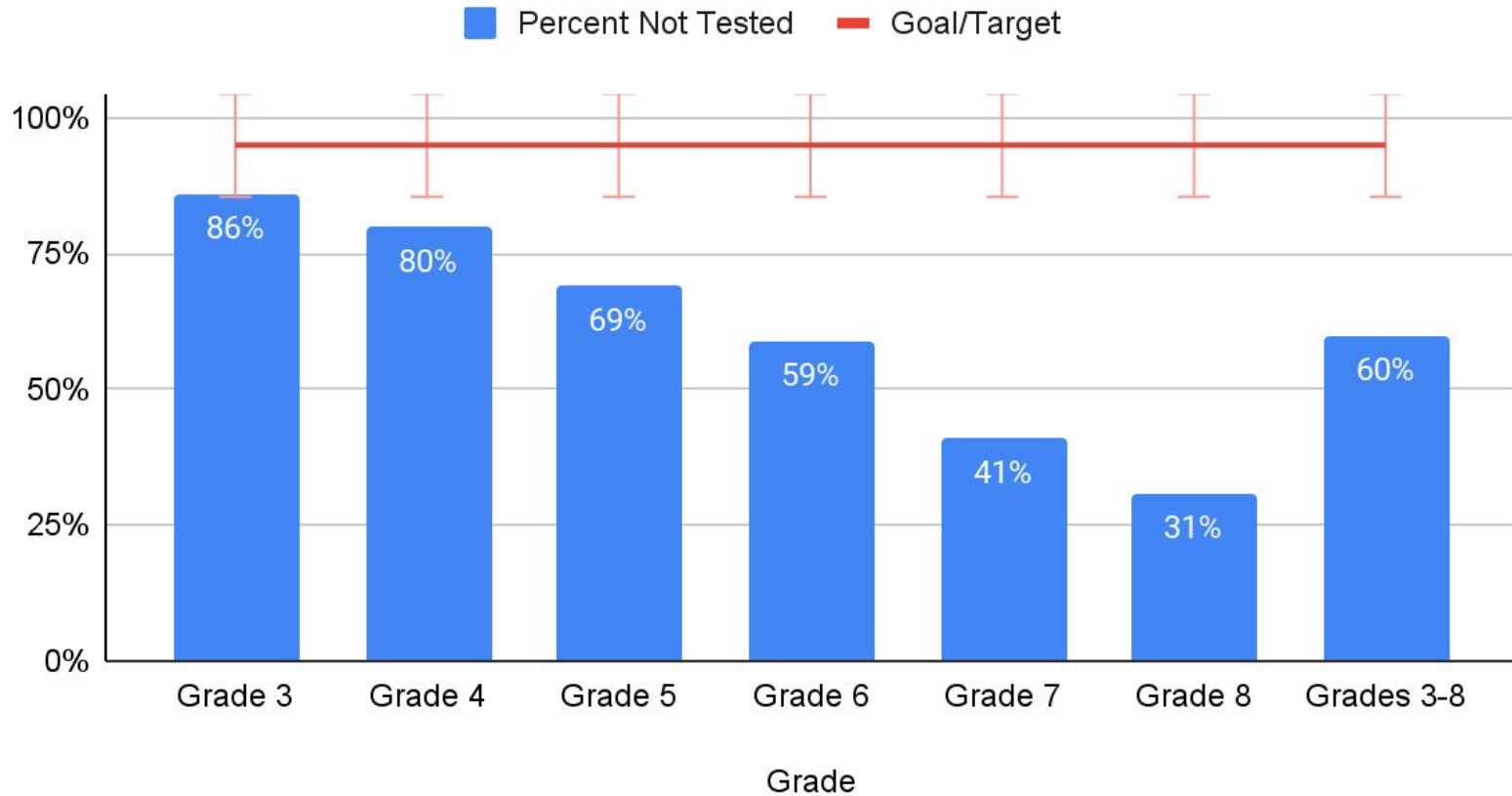


If the school also ranks in the bottom 10% of participation statewide, it must submit the self-assessment and plan to the Commissioner for approval.

Glen Cove Percent Tested 2018-2019



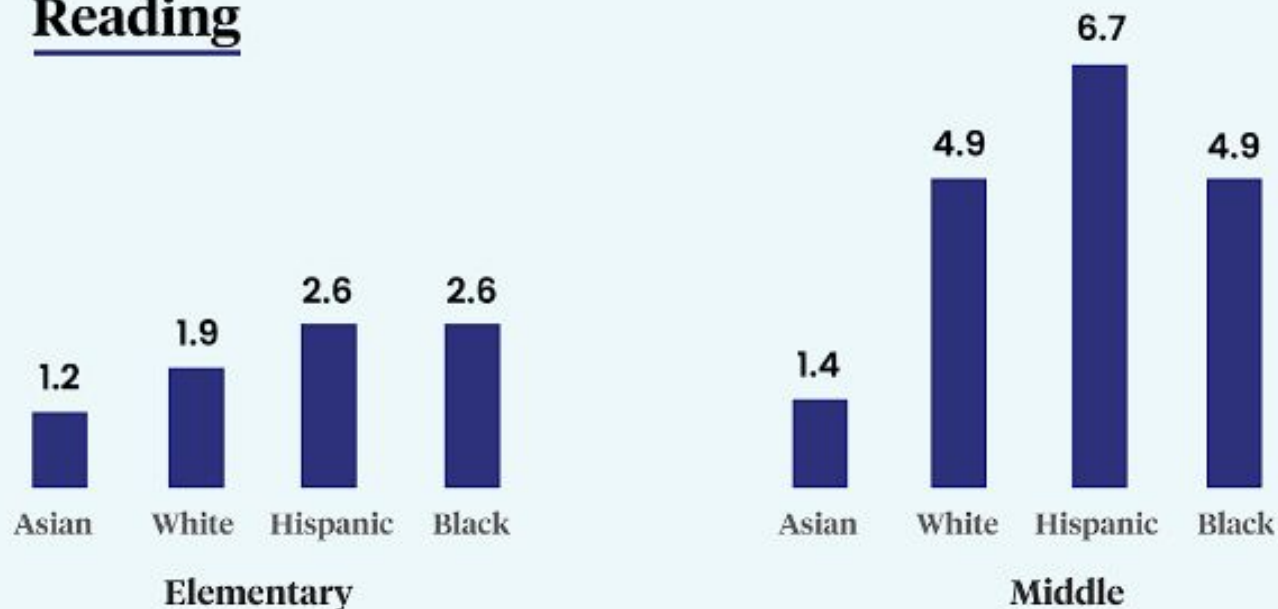
Glen Cove Percent Tested 2022-2023



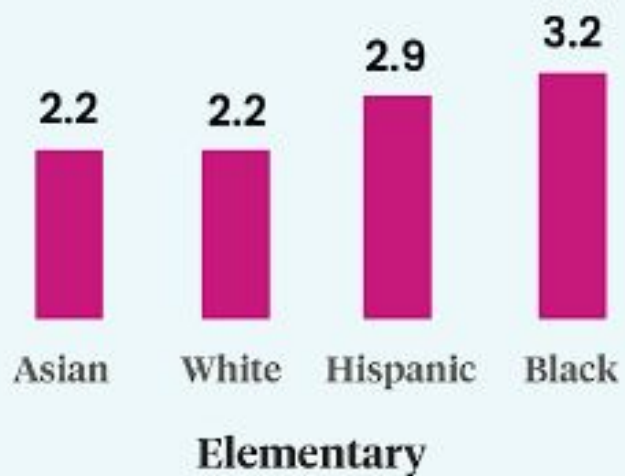
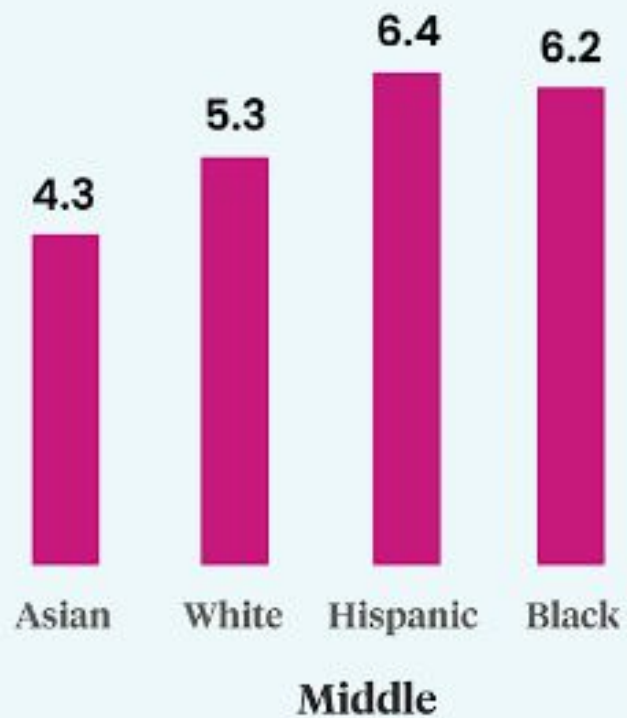
Months of Schooling Required to Catch Up to Pre-COVID Status Quo

Source: NWEA Research

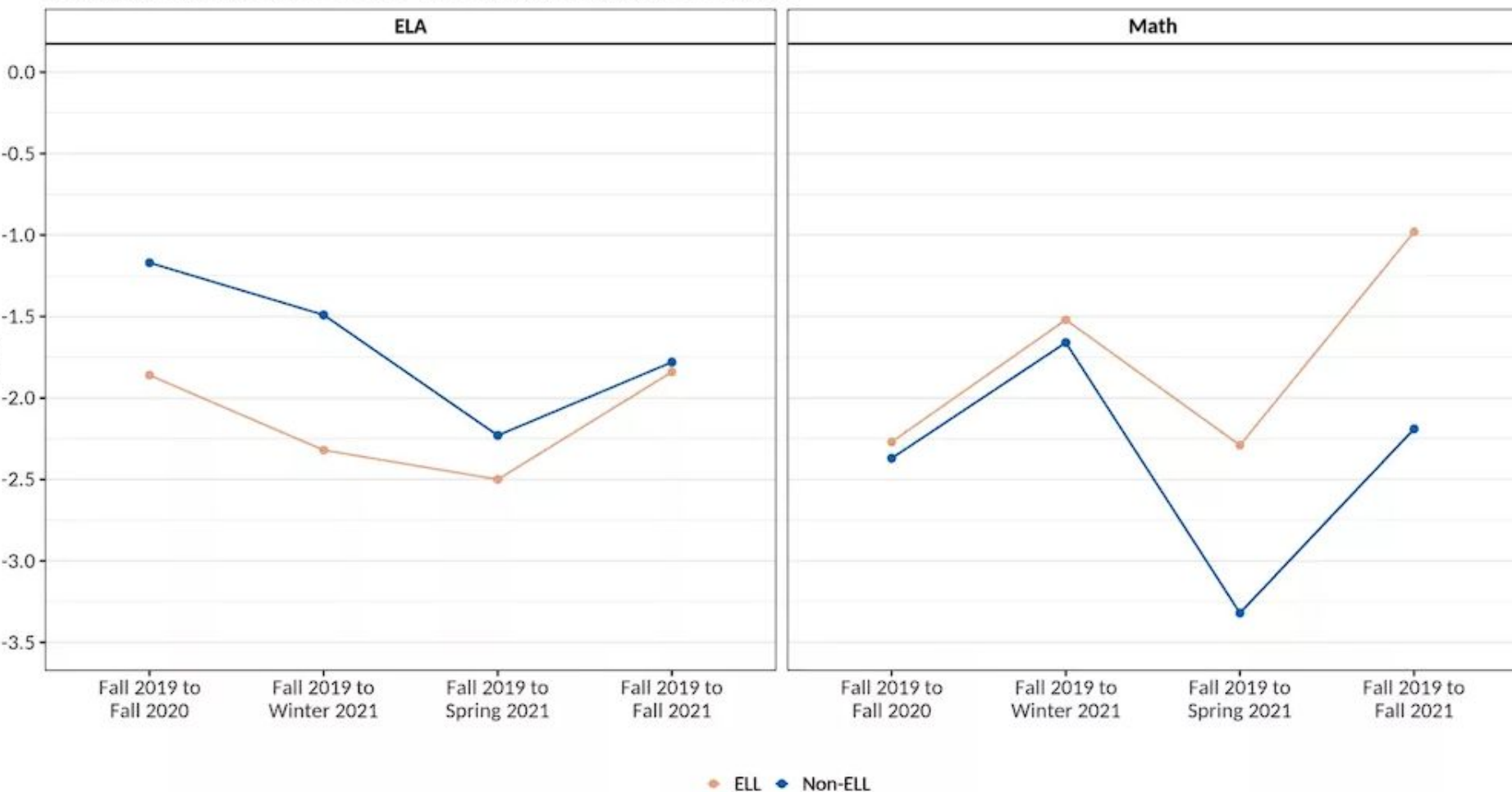
Reading



Math

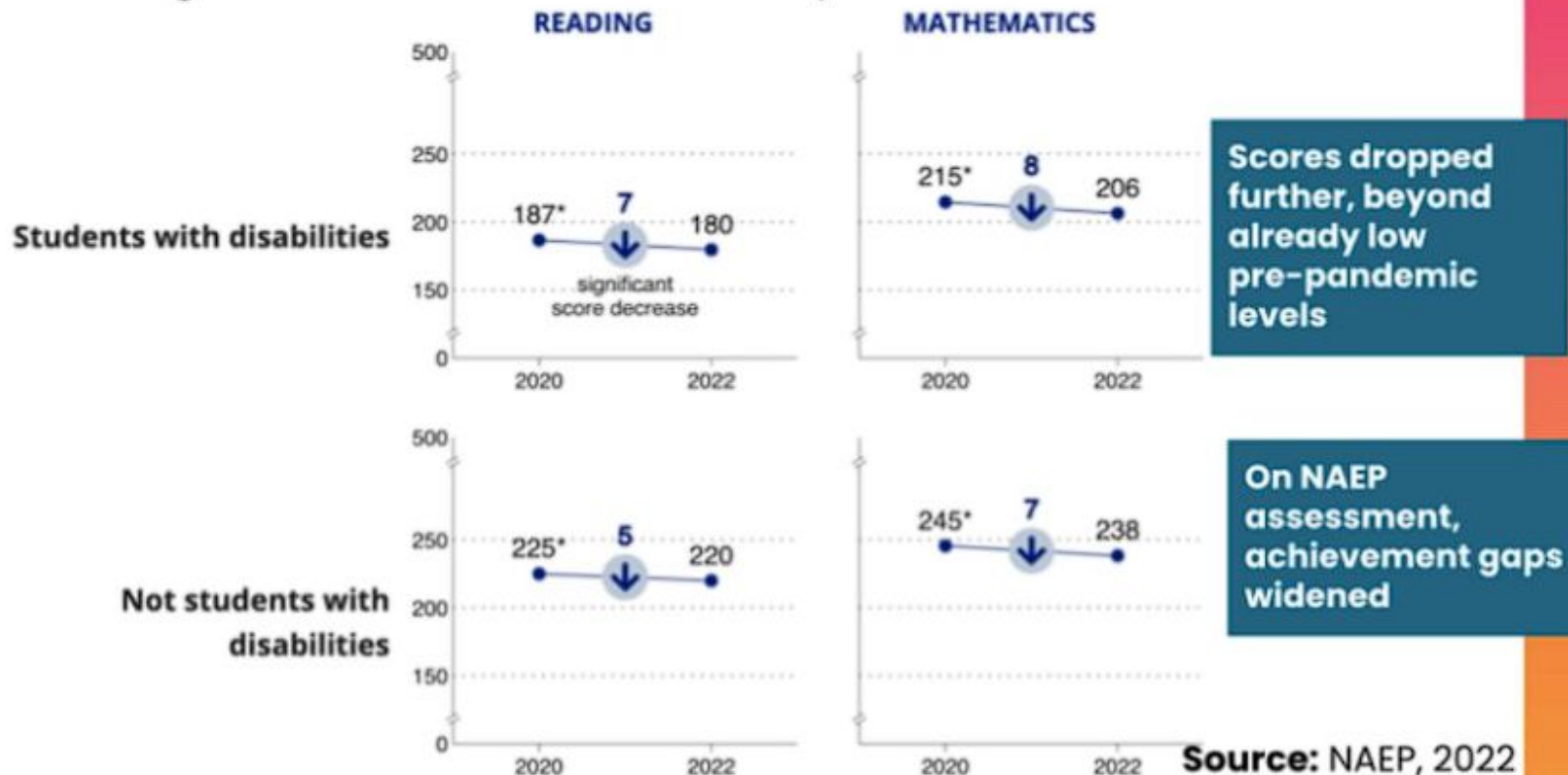


Learning Change since Covid-19 English Language Learners



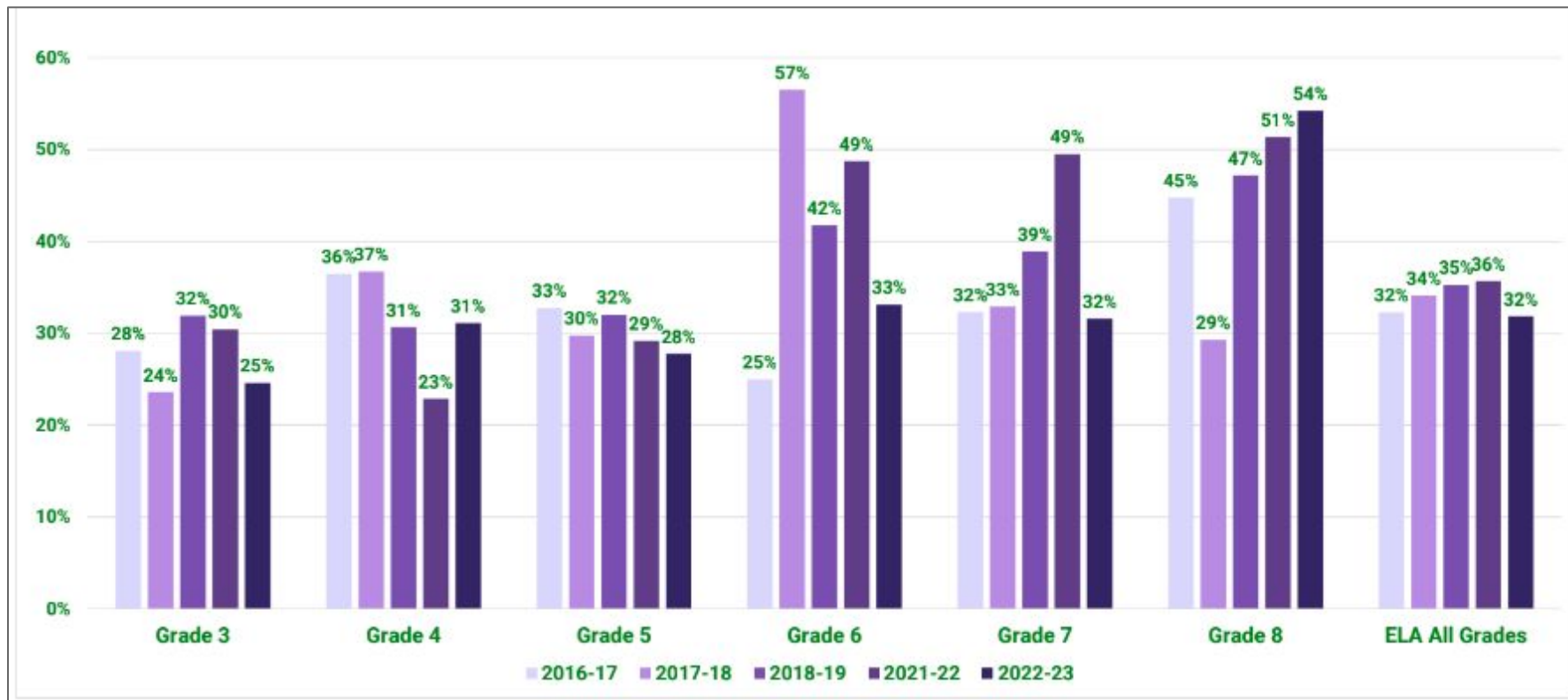
All students declined academically, but students with disabilities were uniquely impacted

NAPE long-term trend assessment scores for 9-year olds with and without disabilities



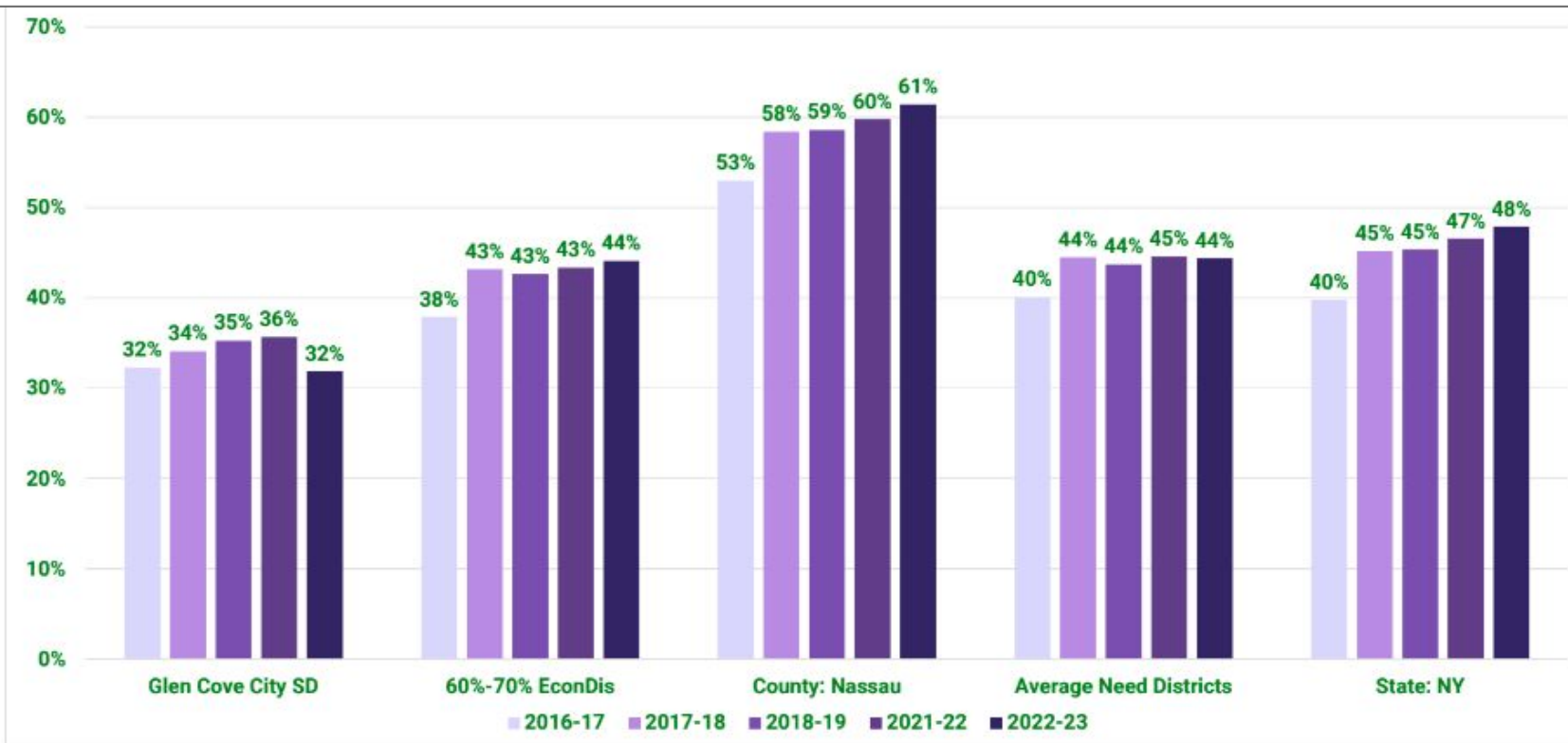
ELA District Achievement Summary

% Proficiency Levels 3 +4



ELA Achievement Comparison

All Grades % Proficient (Level 3 +4)



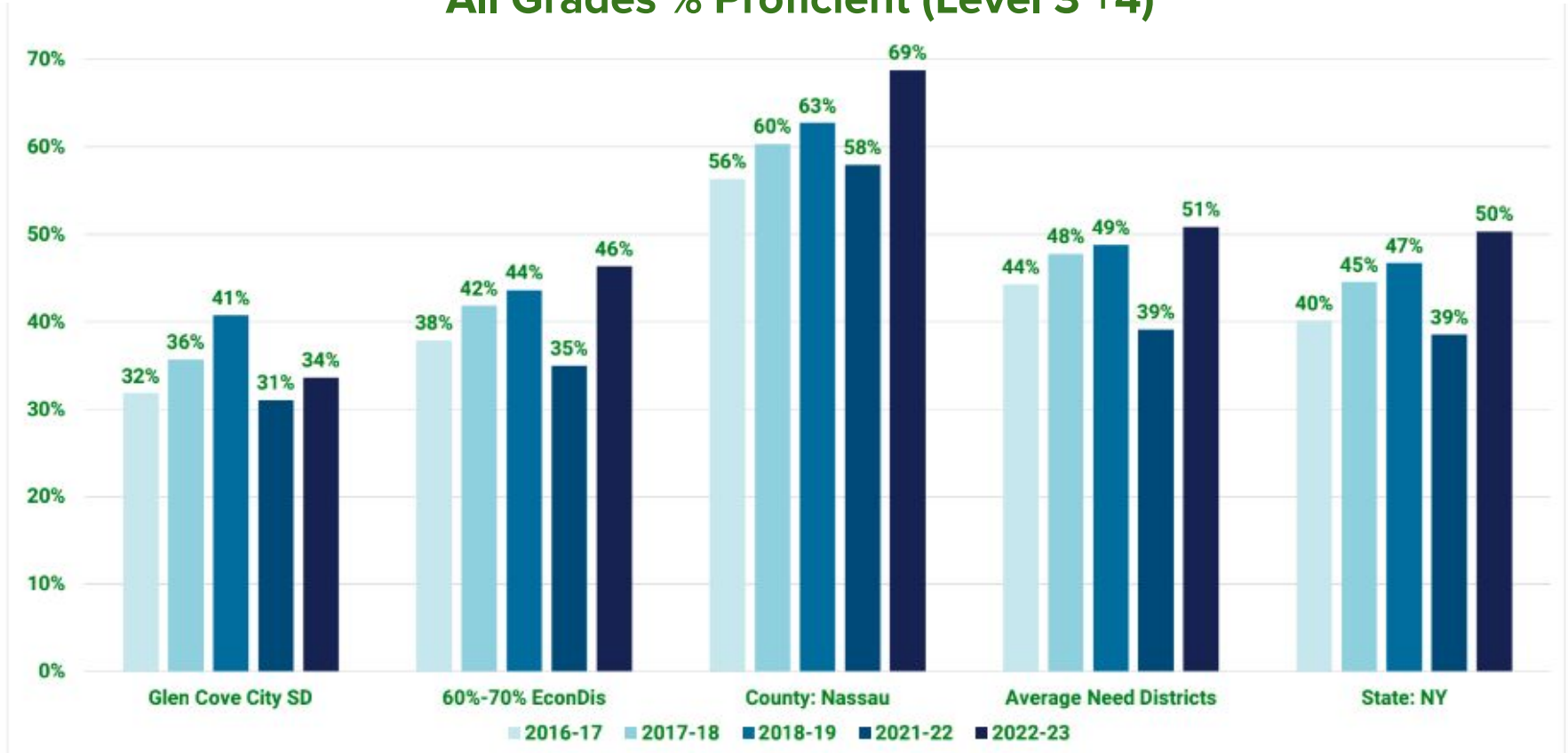
Math District Achievement Summary

% Proficiency Levels 3 +4



Math Achievement Comparison

All Grades % Proficient (Level 3 +4)



District Interim Benchmark Assessments

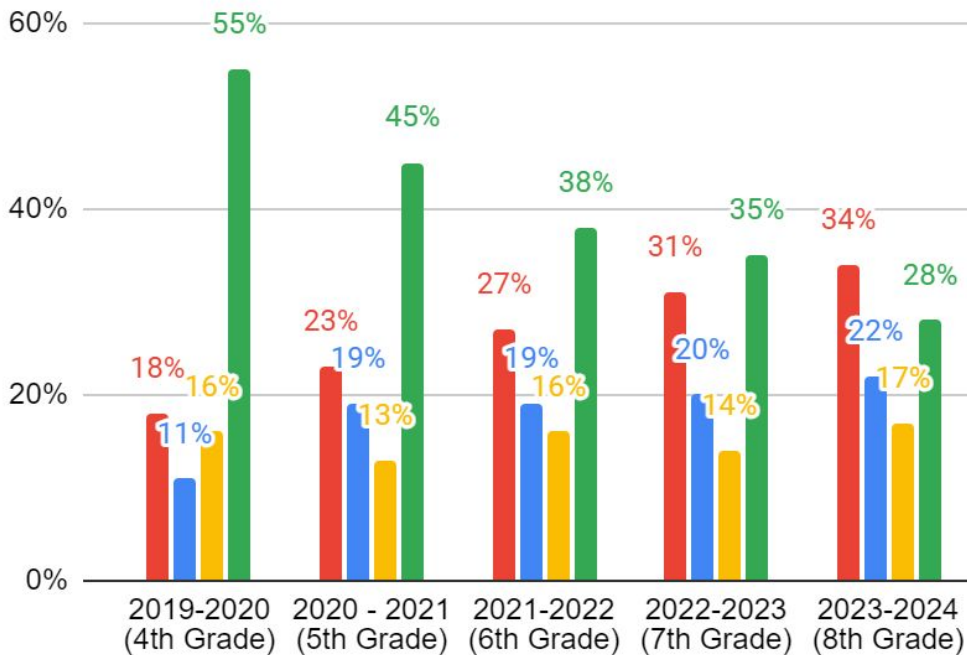
Name of assessment	What is measures?	Who takes it?	How often?
Fountas & Pinnell 	<p>Universal reading screener that measures oral reading and reading comprehension.</p> <ul style="list-style-type: none"> Provides instructional and independent reading levels for students and measures them against instructional level expectation for each grade. 	<p>Grades K-5</p>	<p>3 times per year (G1-G5); 1 time per year (GK)</p>
Star Early Literacy  	<p>Computer-based, adaptive assessment measuring proficiency in:</p> <ul style="list-style-type: none"> Word knowledge and skills Comprehension strategies and constructing meaning Numbers and operations 	<p>PreK Kindergarten</p>	<p>2 times per year 3 times per year</p>
Star Math & Reading  	<p>Computer-based, adaptive assessment measuring students' math and reading skills.</p> <ul style="list-style-type: none"> Student scores are measured against grade-specific performance targets. 	<p>Grades 1-8</p>	<p>3 times per year</p>

District Interim Benchmark Assessments

Name of assessment	What is measures?	Who takes it?	How often?
Star Spanish 	Computer-based, adaptive assessment measuring proficiency in: <ul style="list-style-type: none">• Word knowledge and skills• Comprehension strategies and constructing meaning• Numbers and operations	Grades 1-12 ELLs	3 times per year
K-2 Literacy Assessments 	Teacher-led literacy assessments measuring: <ul style="list-style-type: none">• Concepts about Print• Letter Sound• Phonemic Awareness• High Frequency Words• Phonic Decoding• Decodable Running Records	Grades K-2	At least 3 times per year

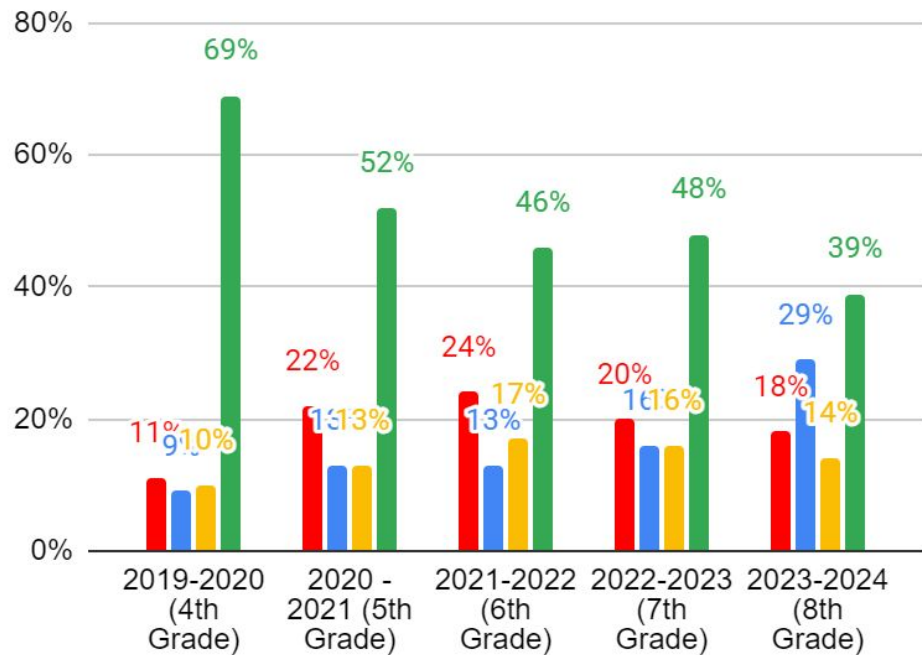
Star Reading (Current 8th Grade)

■ Reading Be low 10 PR ■ Reading 10 - 24 PR
■ Reading 25 - 39 PR ■ Reading At/Above 40 PR

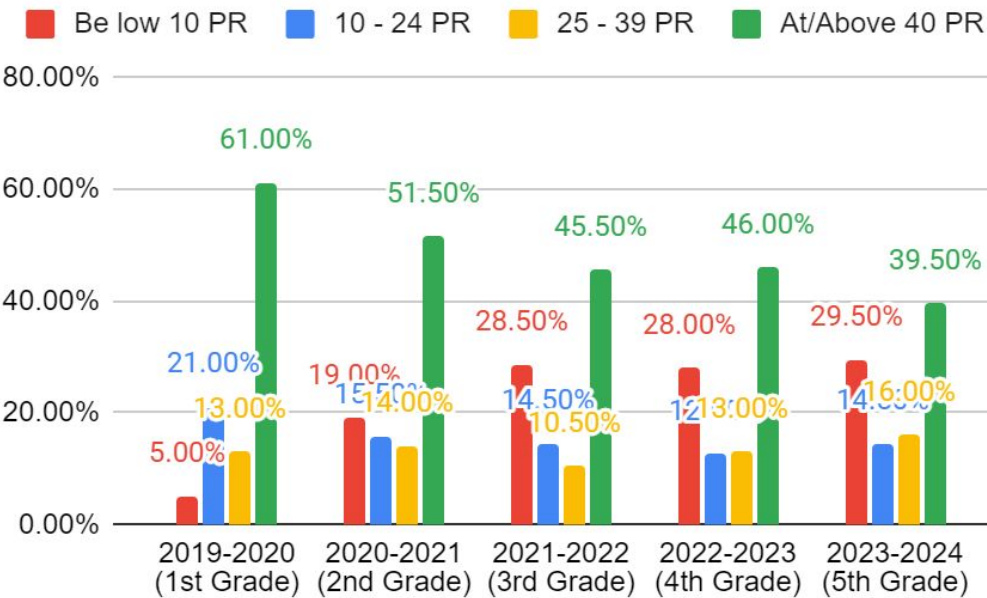


Star Math (Current 8th Grade)

■ Math Be low 10 PR ■ Math 10 - 24 PR
■ Math 25 - 39 PR ■ Math At/Above 40 PR

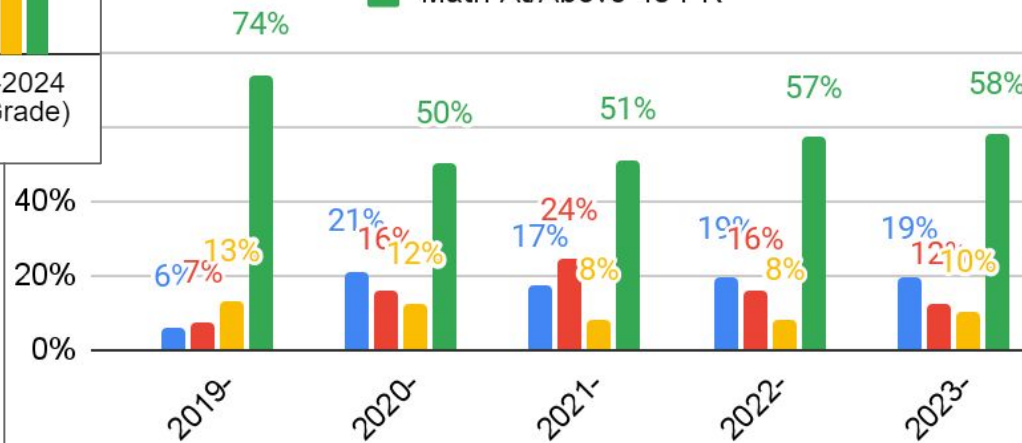


Star Reading (Current 5th Grade)

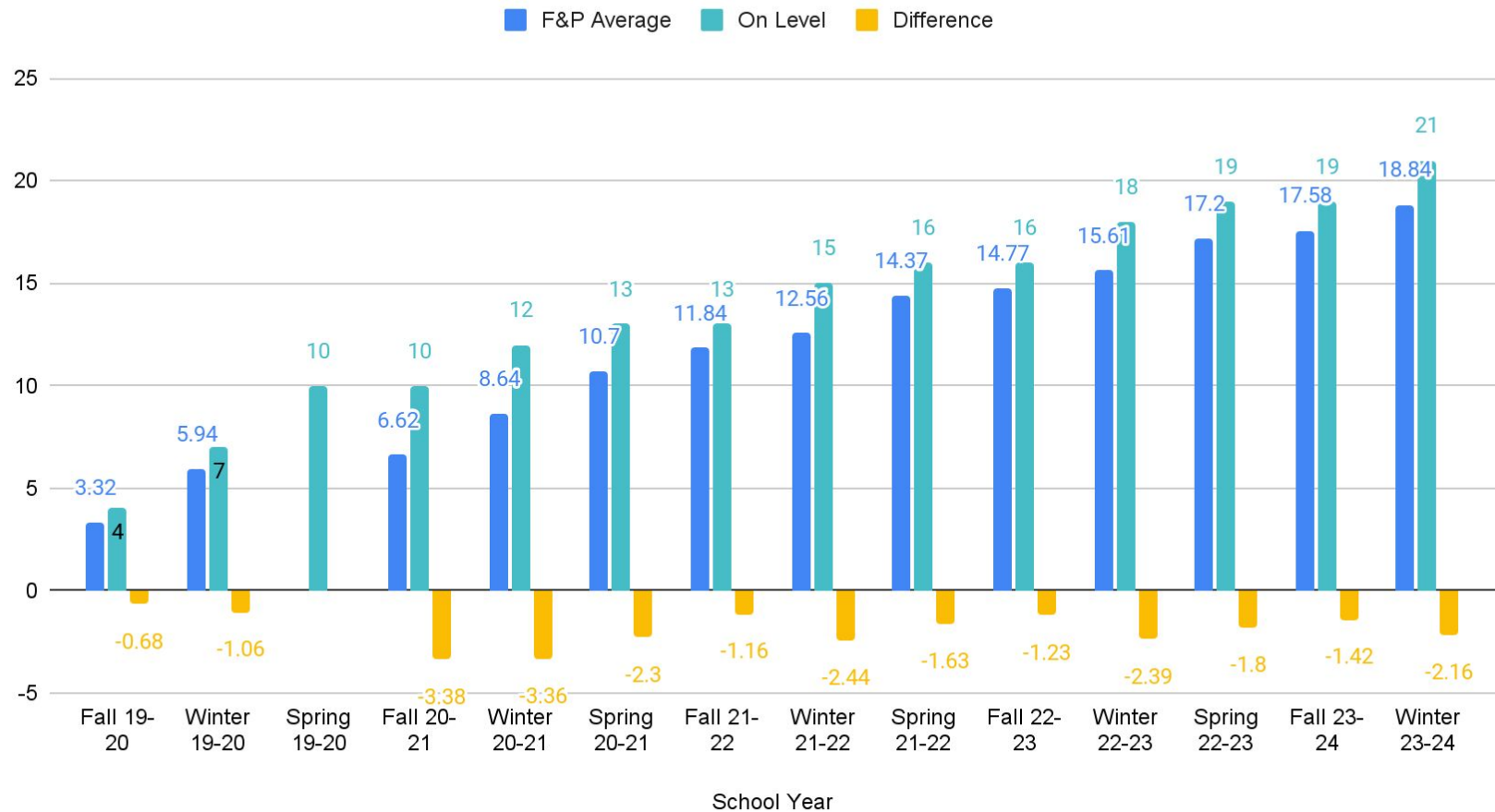


Star Math (Current 5th Grade)

Math Be low 10 PR Math 10 - 24 PR Math 25 - 39 PR Math At/Above 40 PR

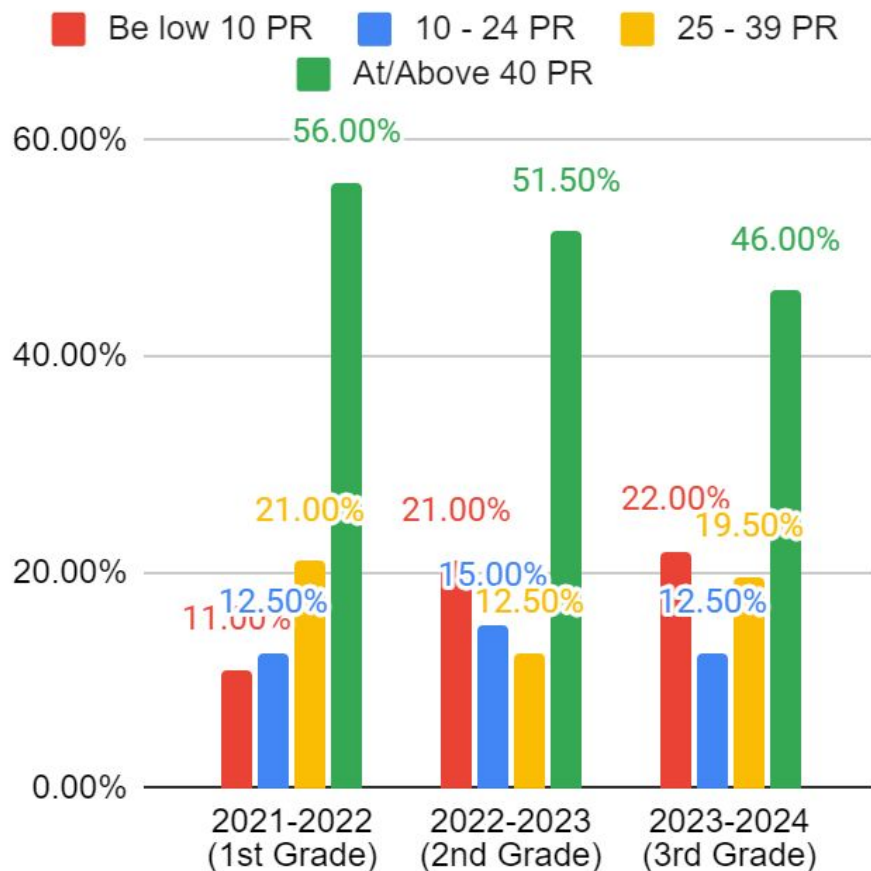


F&P Average, On Level and Difference - Current 5th Graders, Longitudinal

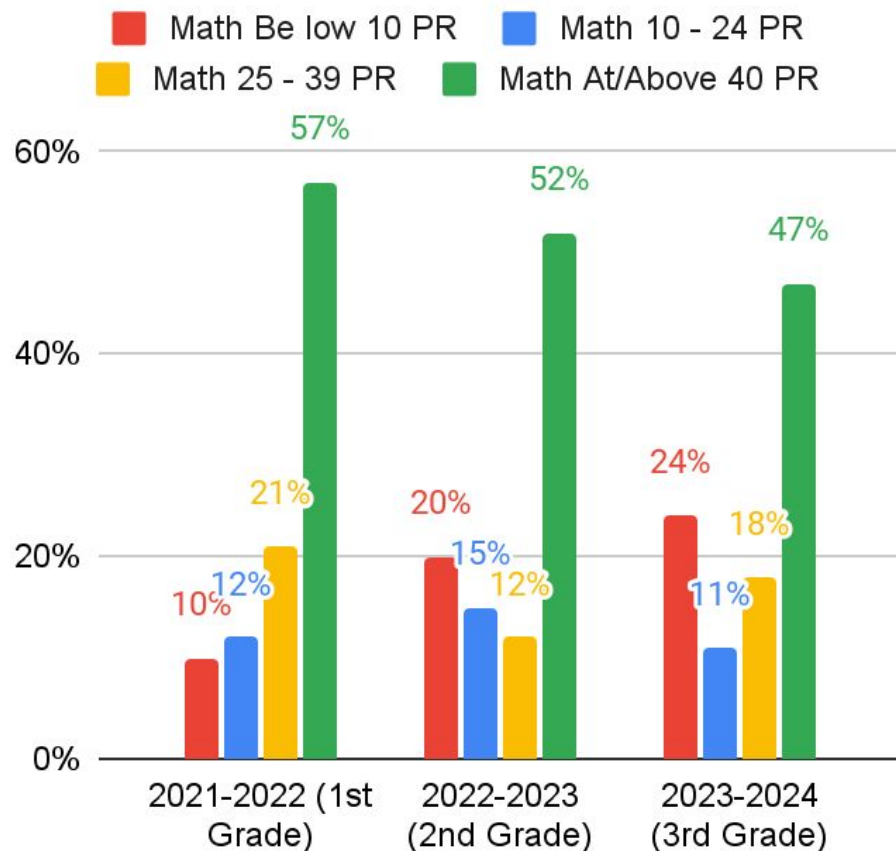


Non-Reader	0
A	1
B	2
C	3
D	4
E	5
F	6
G	7
H	8
I	9
J	10
K	11
L	12
M	13
N	14
O	15
P	16
Q	17
R	18
S	19
T	20

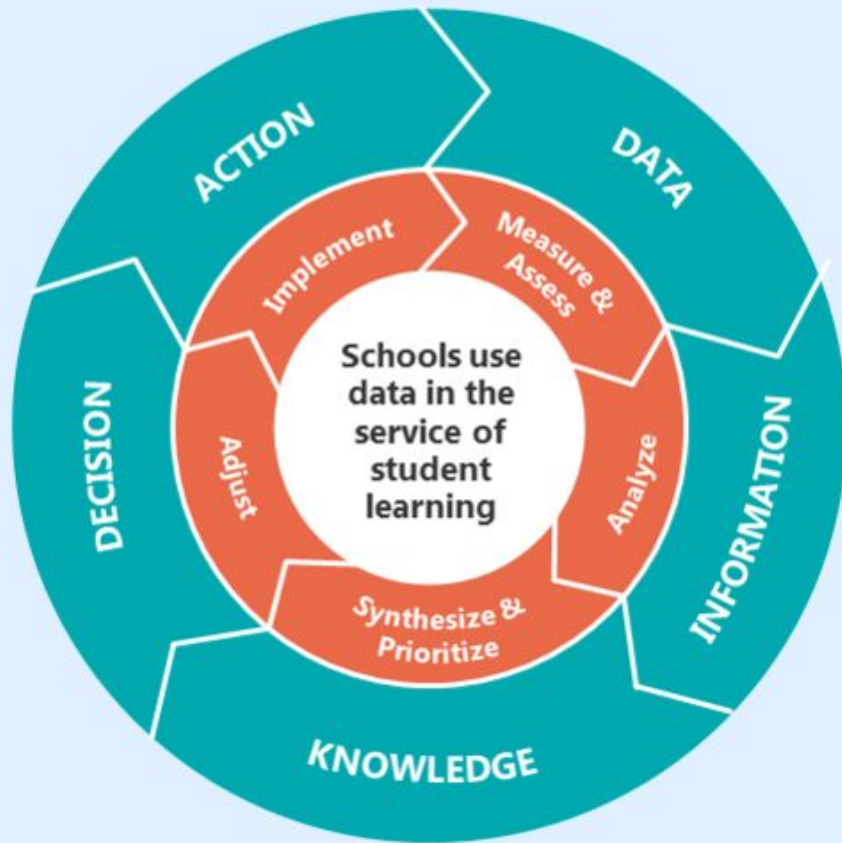
Star Reading (Current 3rd Grade)



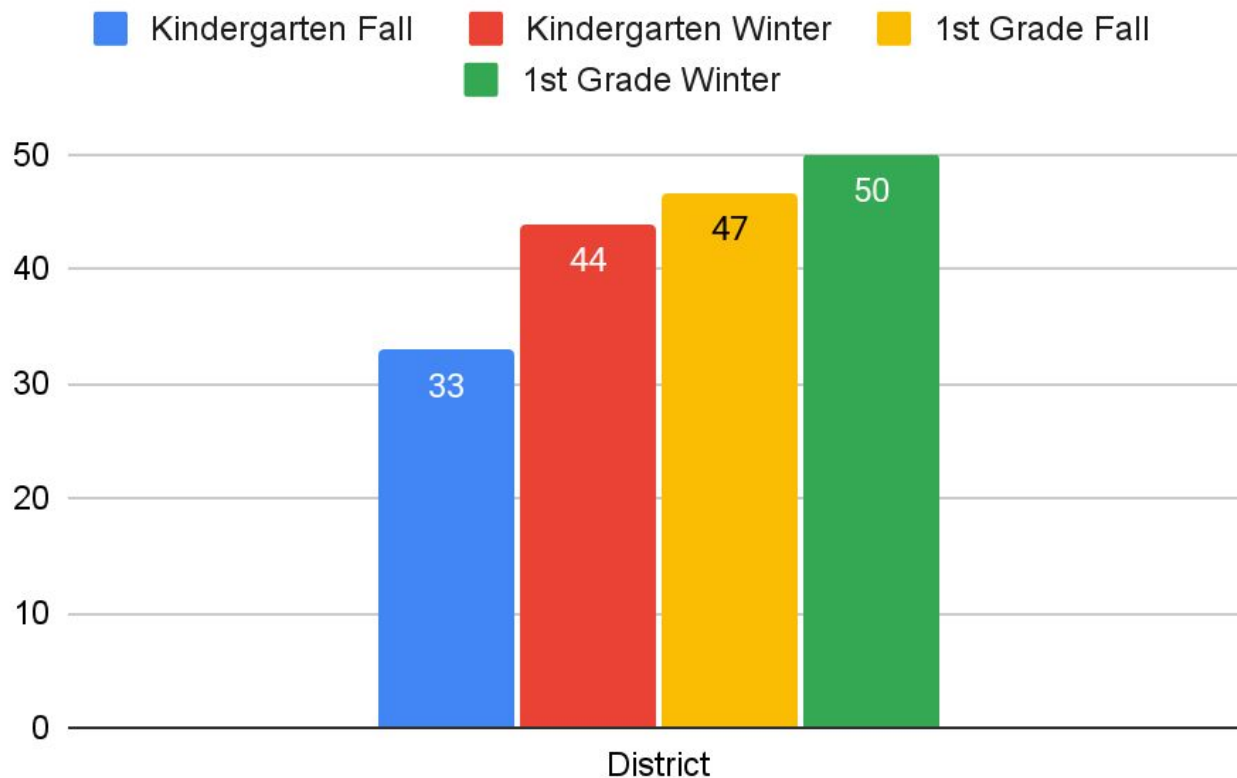
Star Math (Current 3rd Grade)



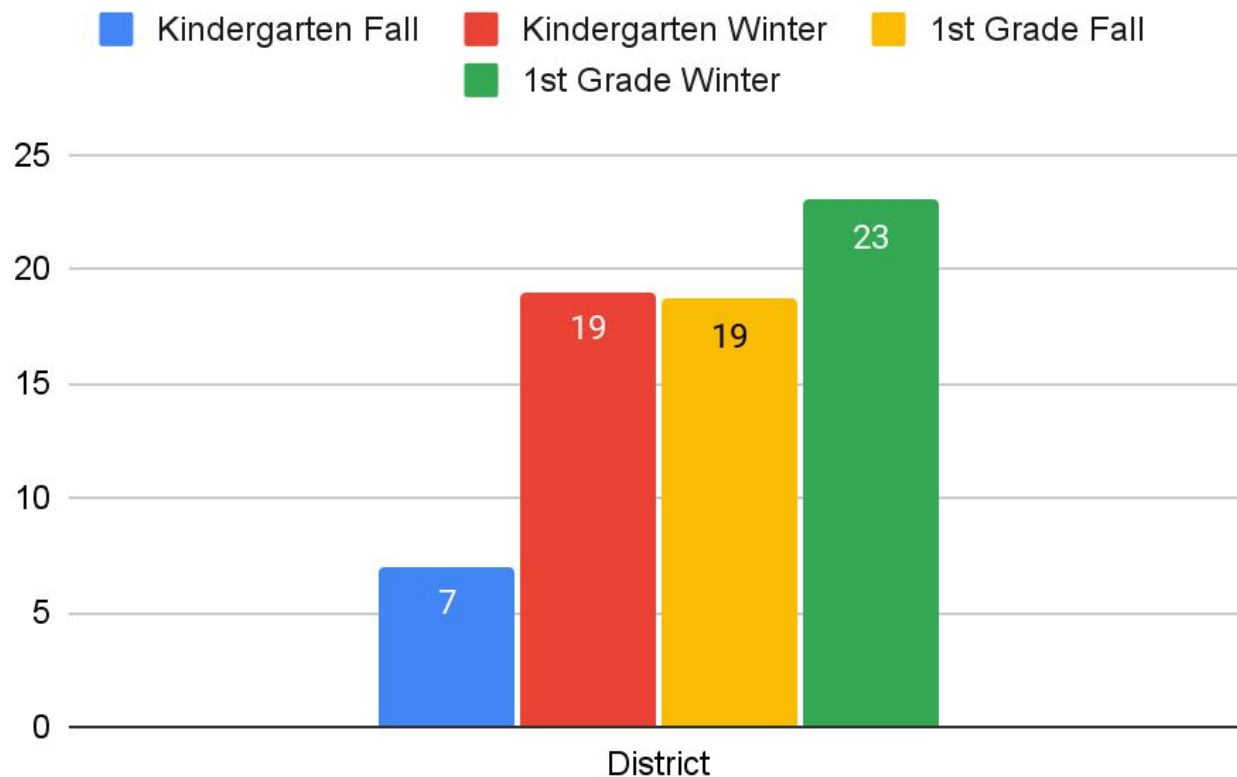
- Conceptual phases of the data cycle
- Practical phases of the data cycle



Kindergarten and First Grade Letter Recognition Fall/Winter 2023-2024

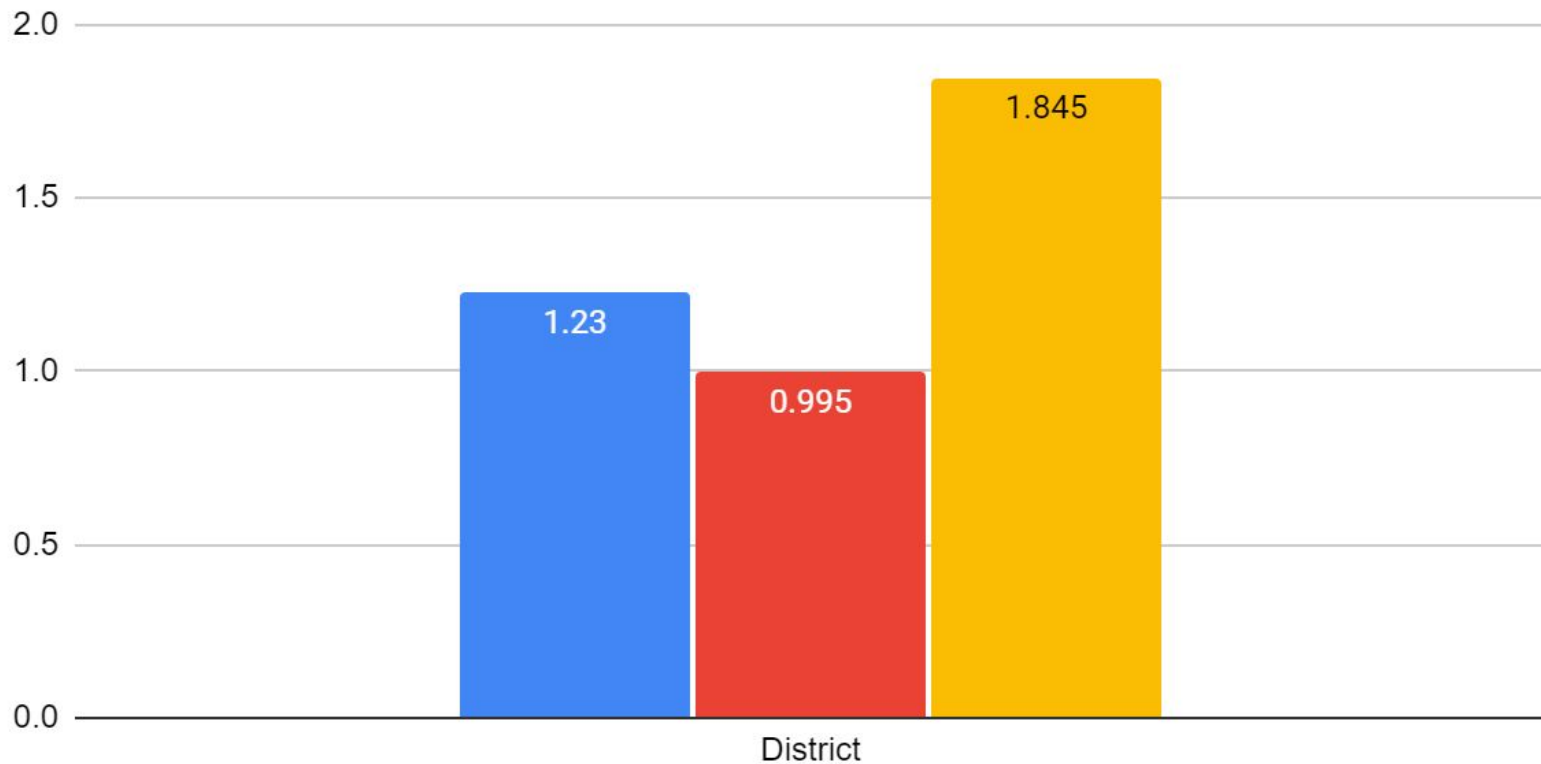


Kindergarten and First Grade Sound Recognition Fall / Winter 2023-2024



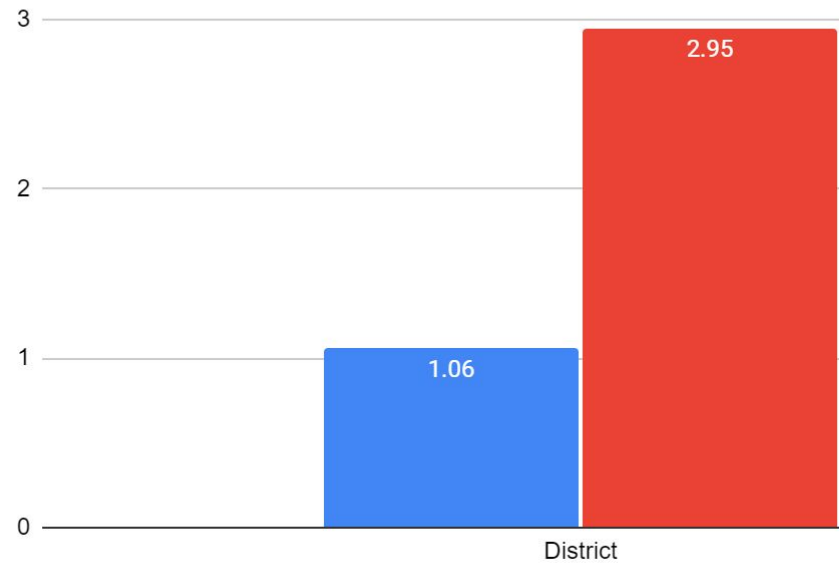
Phonemic Awareness

■ Winter K ■ Fall 1st Grade ■ Winter 1st Grade



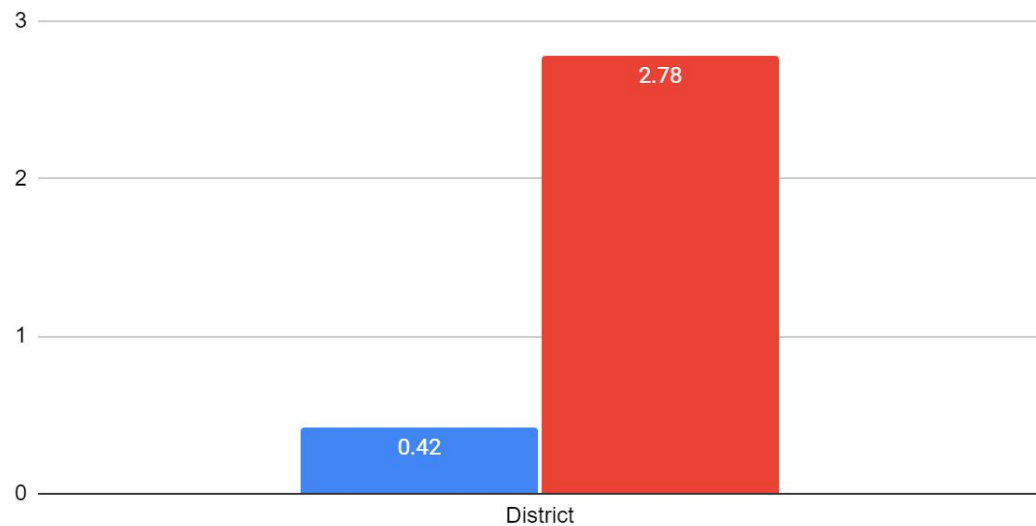
First Grade Phonic Decoding 2023-2024

Fall Winter

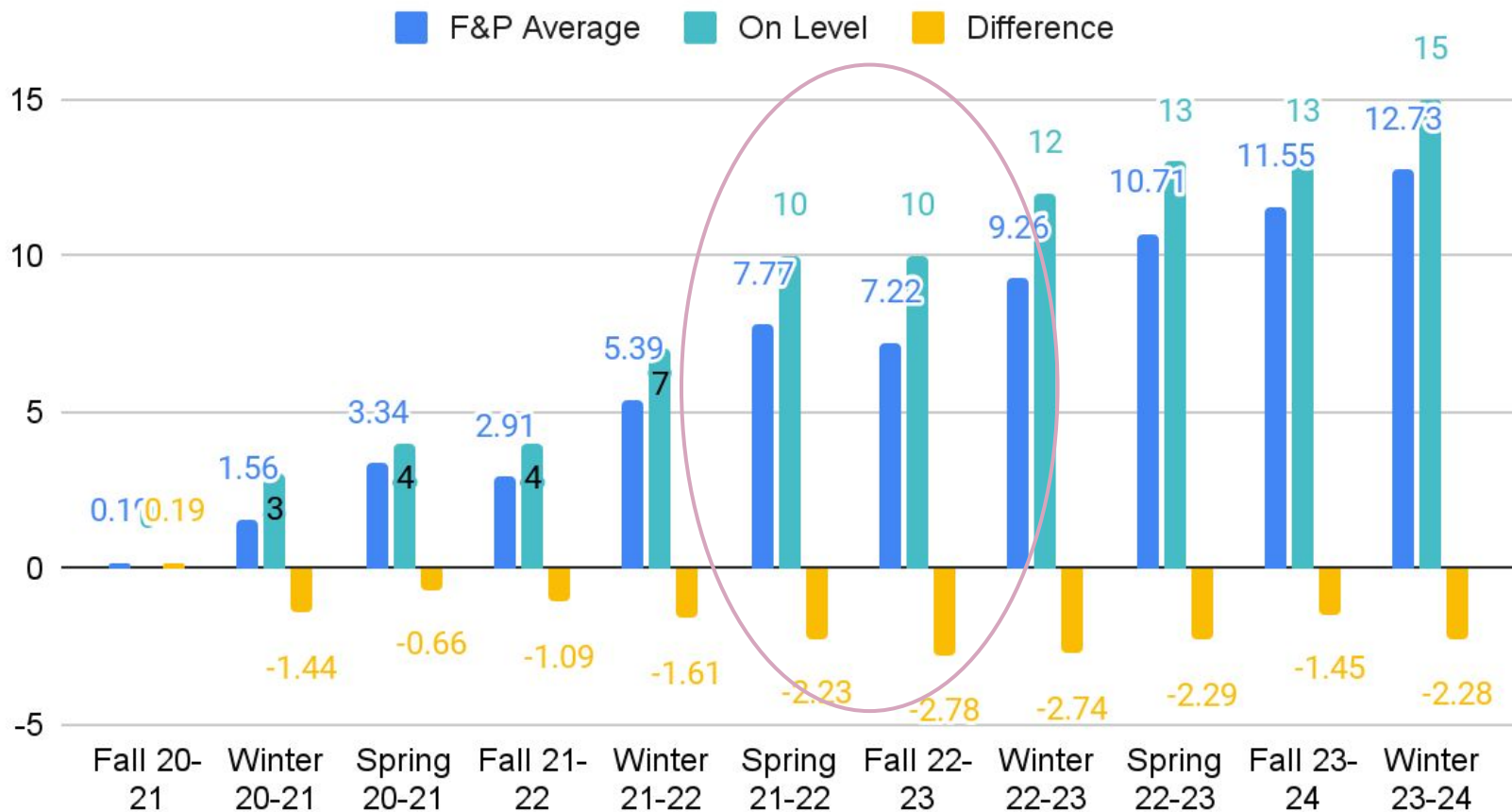


First Grade Decodable Running Record 2023-2024

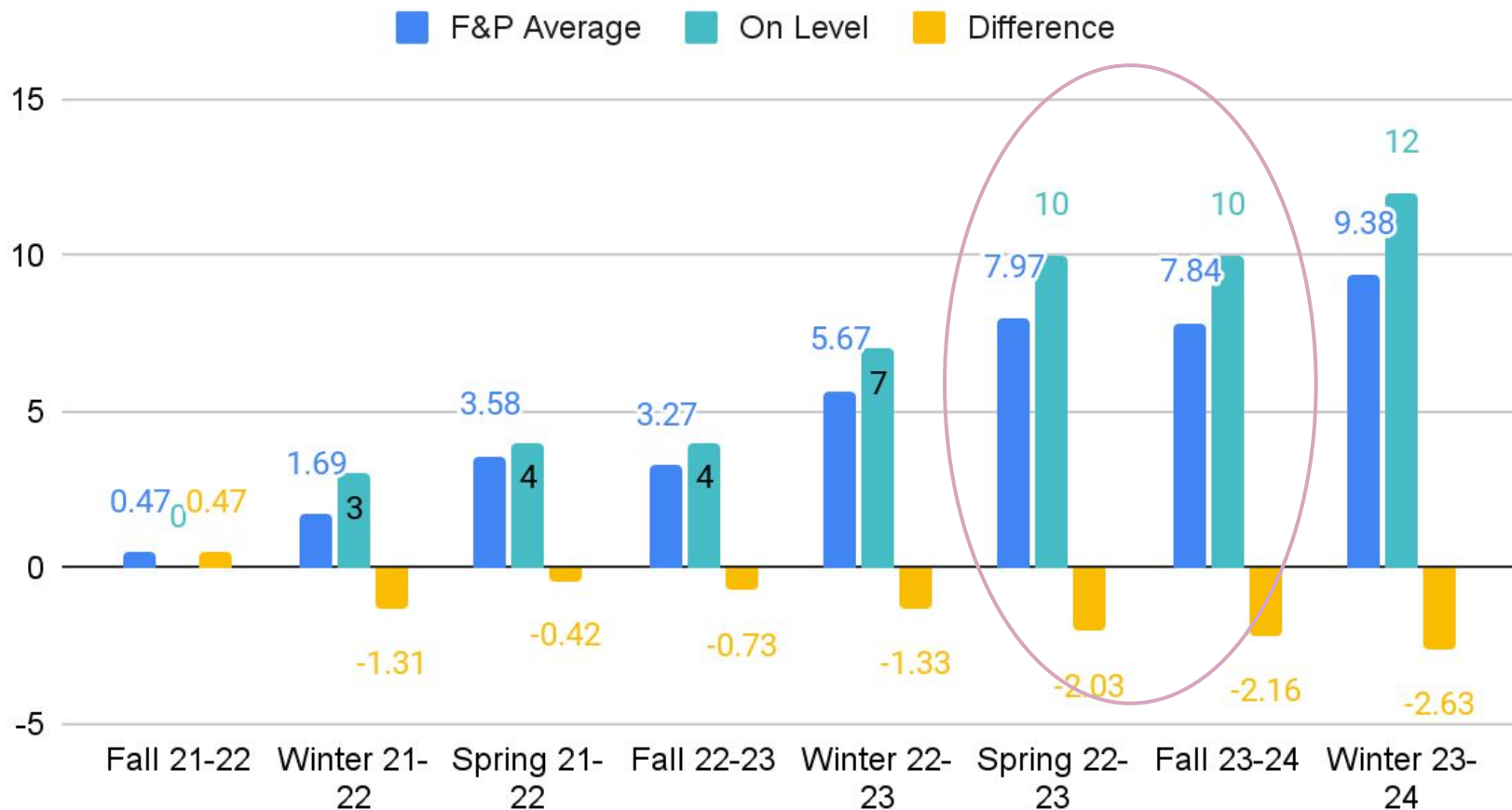
Fall Winter



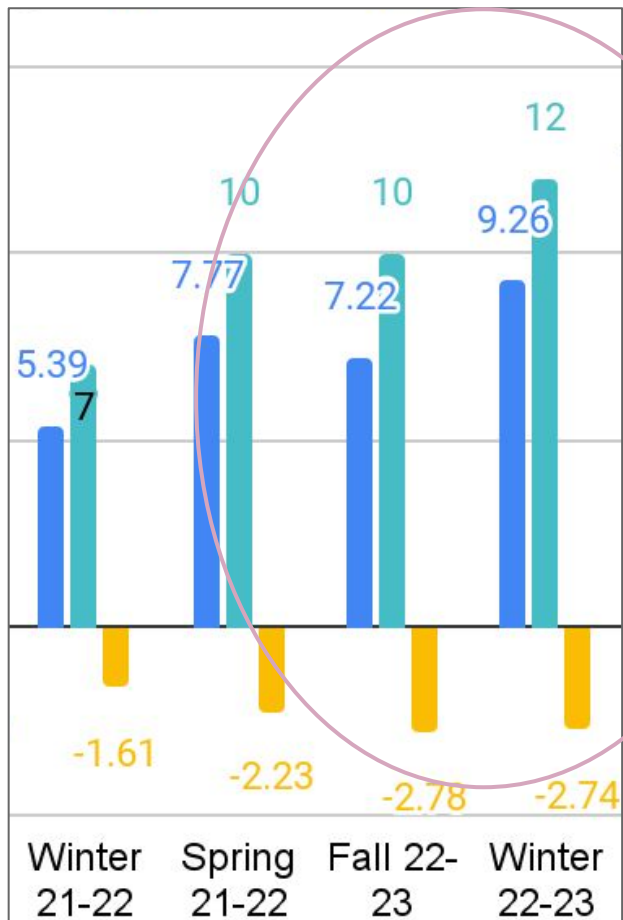
F&P Average and On Level - Current 3rd Graders



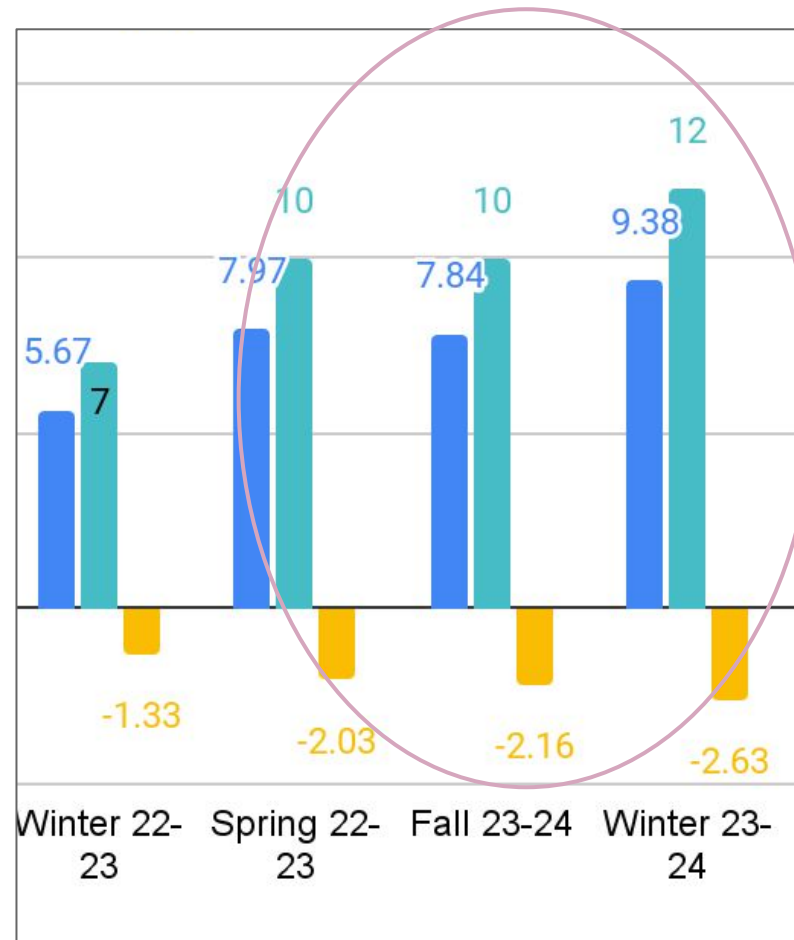
F&P Average and On Level - Current 2nd Graders



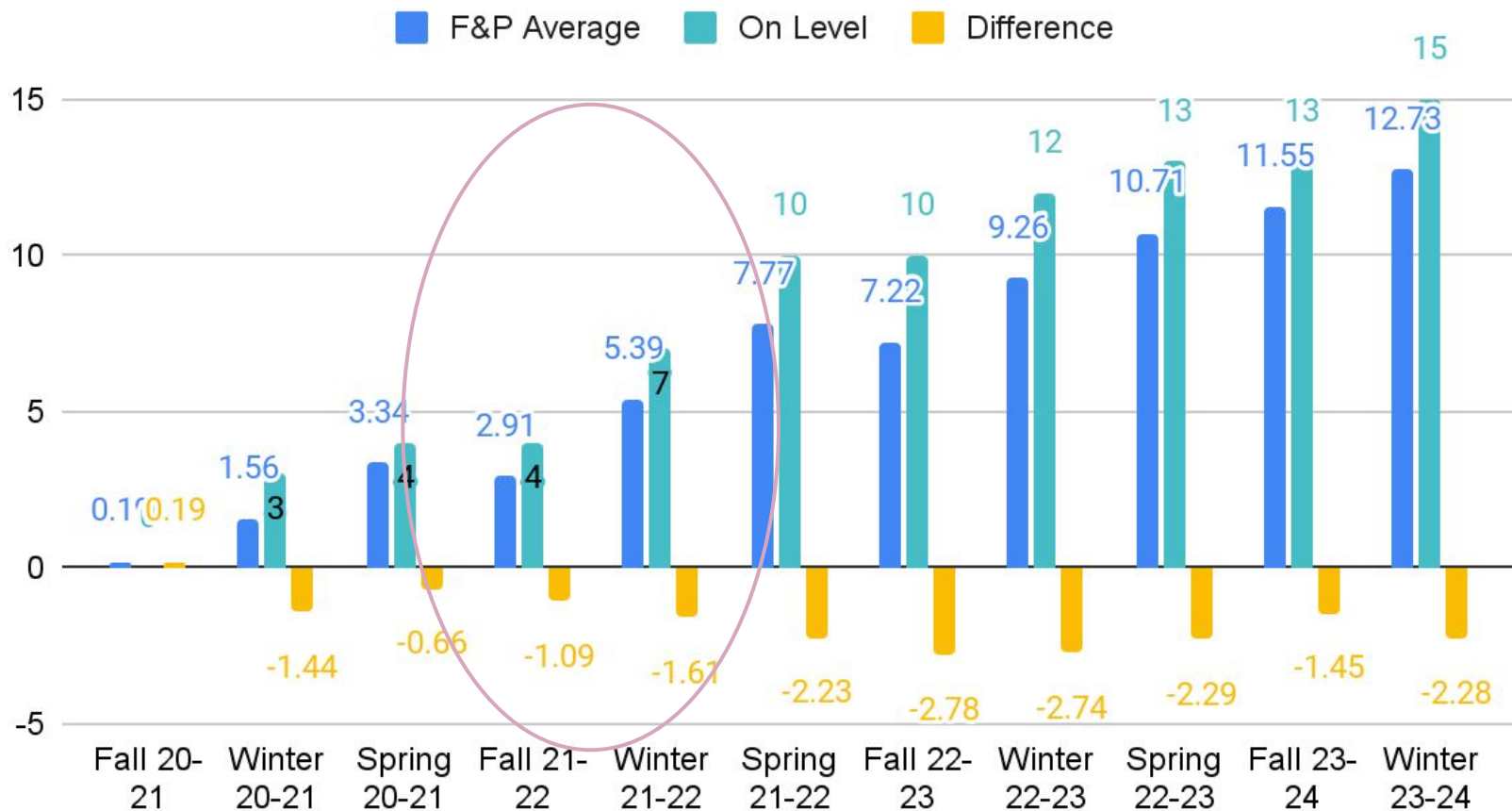
Current 3rd Grade



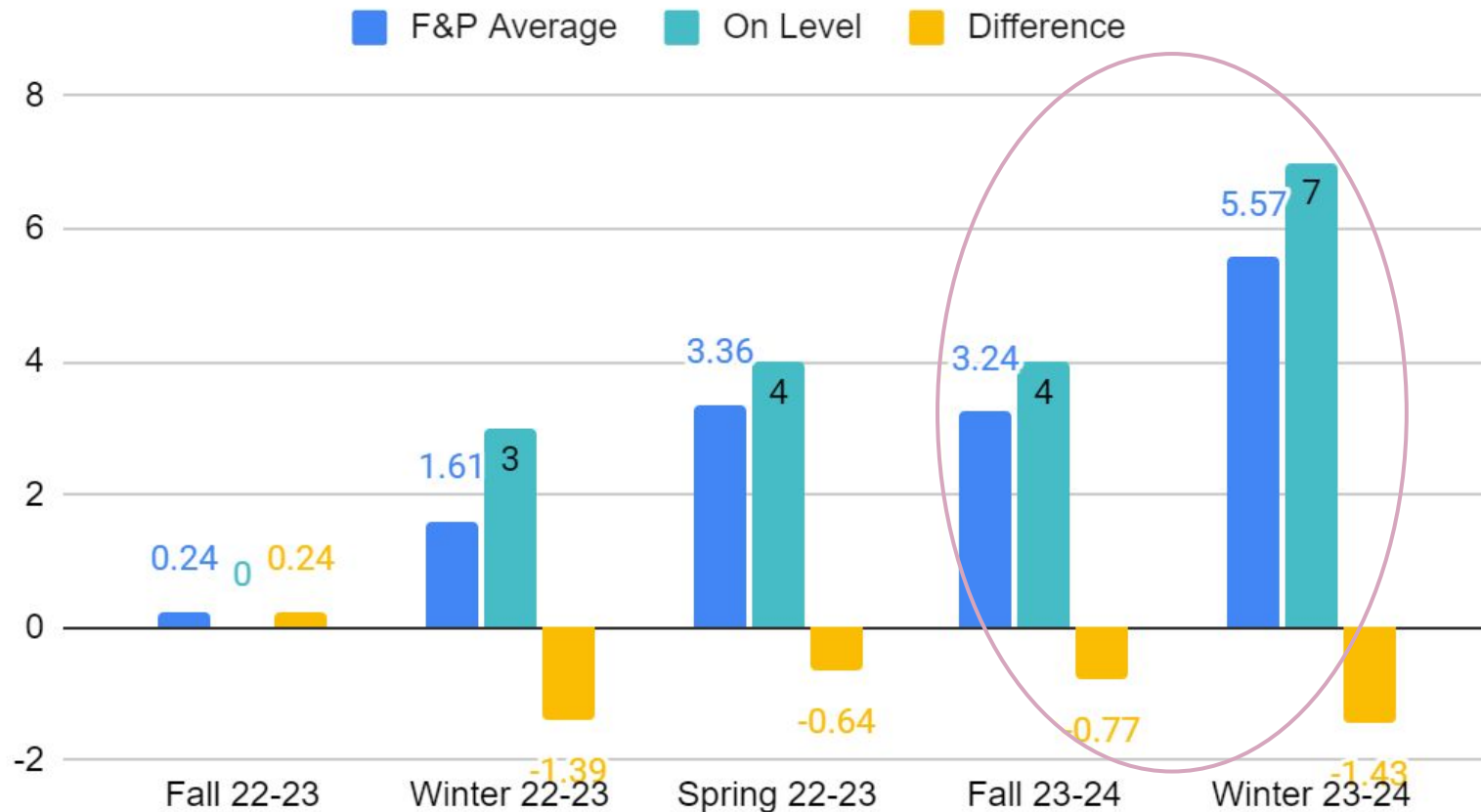
Current 2nd Grade



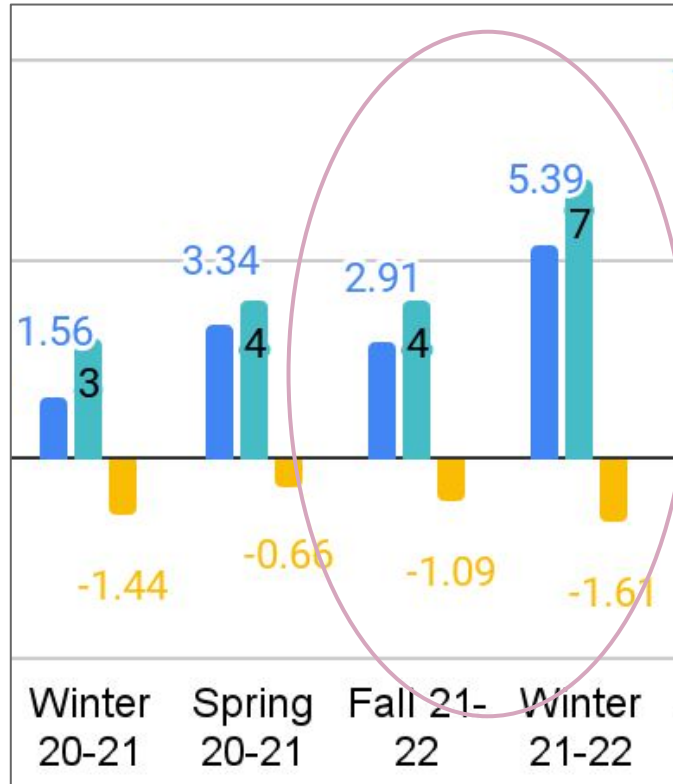
F&P Average and On Level - Current 3rd Graders



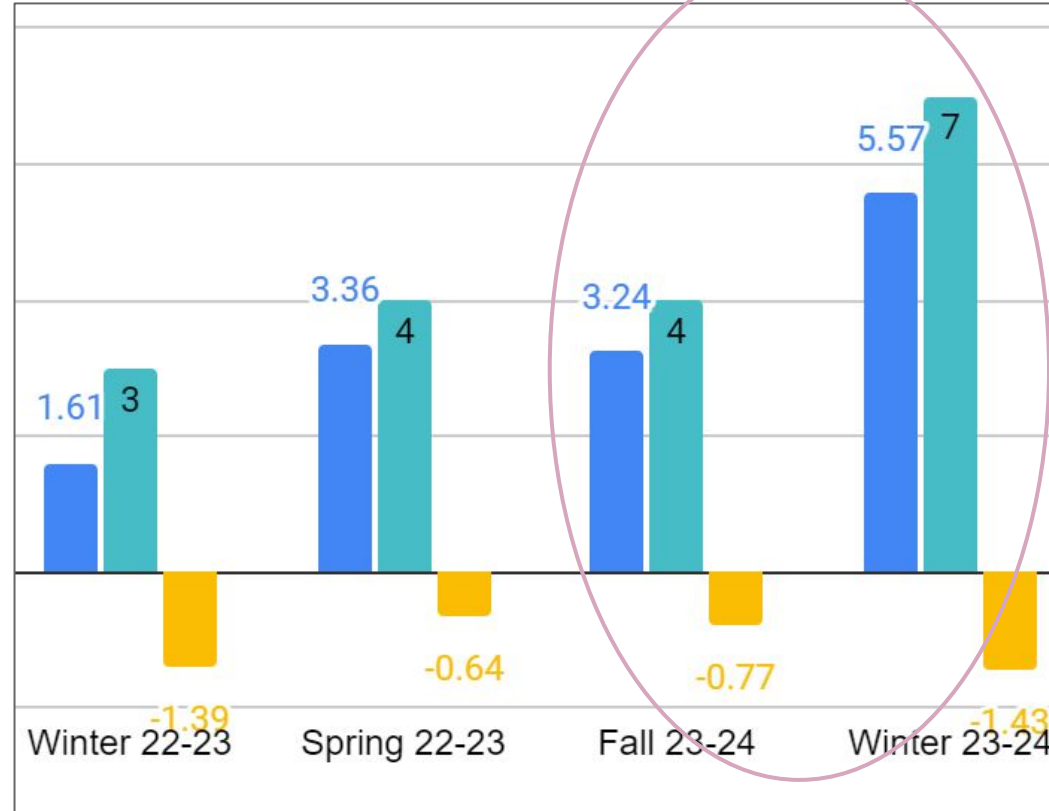
F&P Average and On Level - Current 1st Graders



Current 3rd Grade

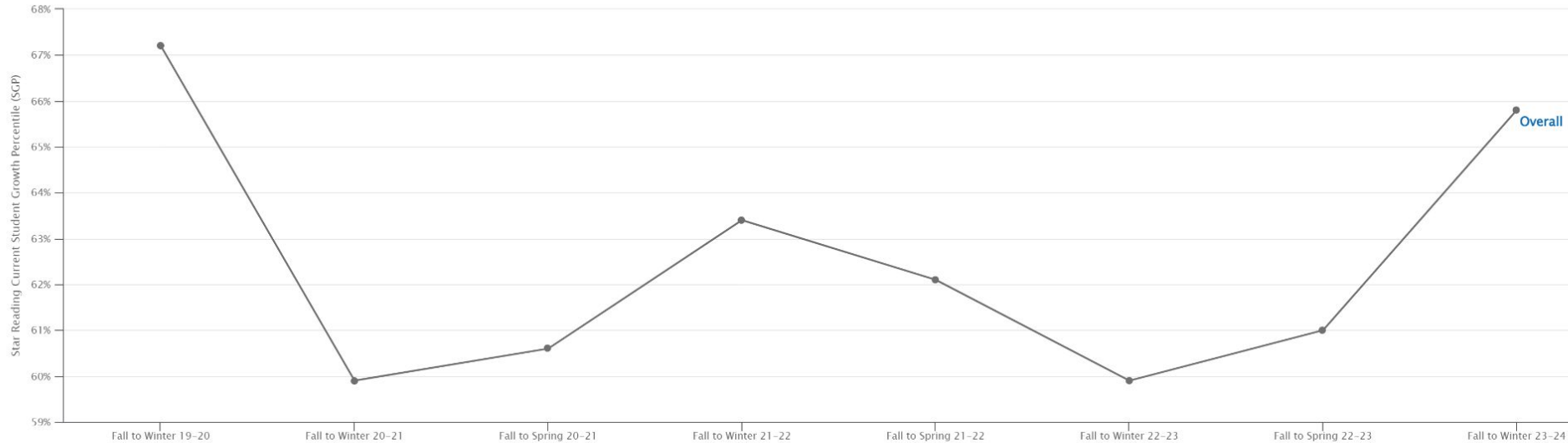


Current 1st Grade



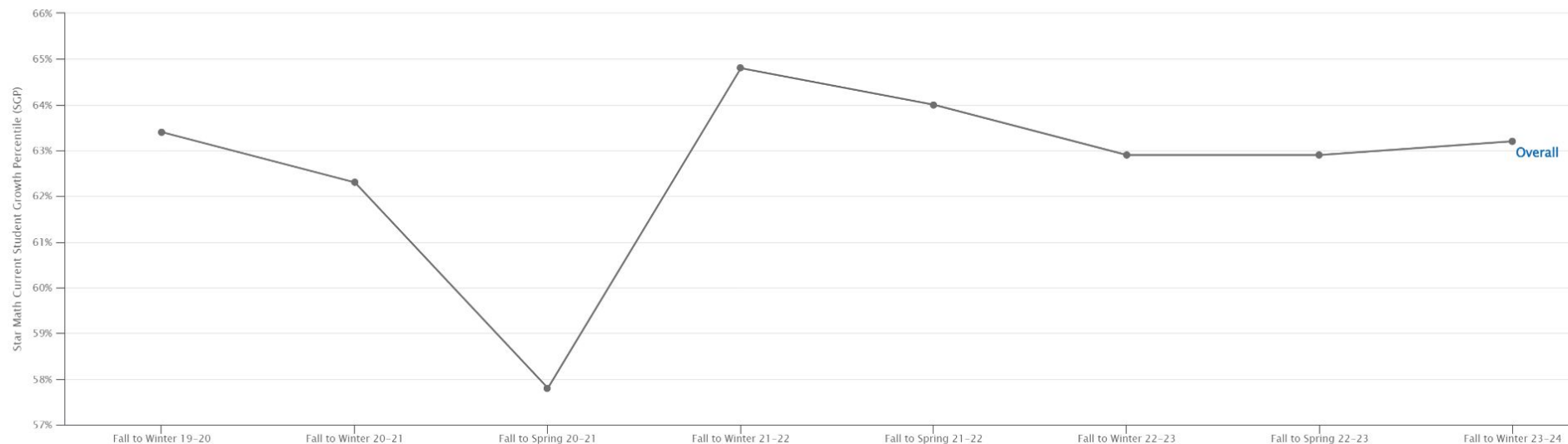
Star Reading Current Student Growth Percentile (SGP)

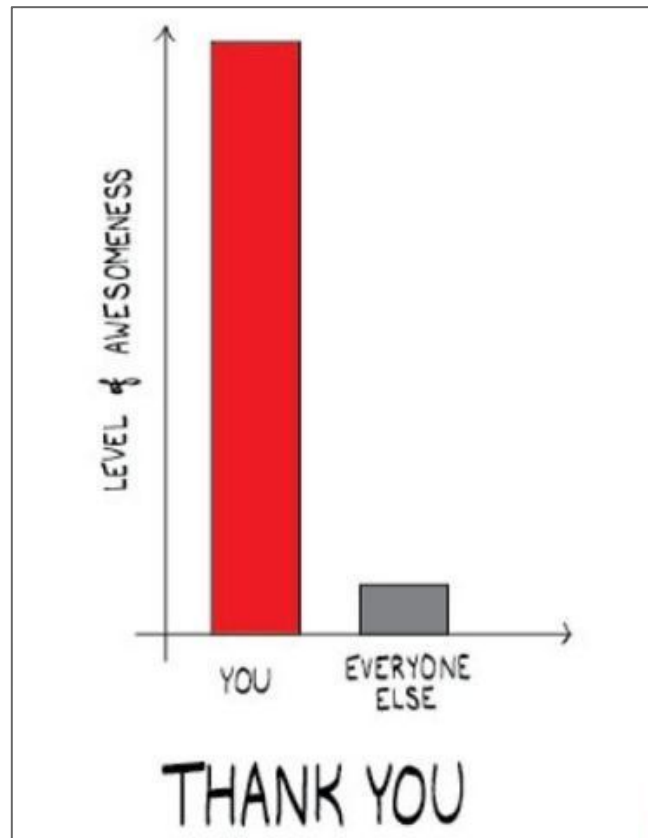
Percent of students at or above the 35th student growth percentile, which shows growth relative to others in the same grade with a Reading score history. Uses a student's earliest score in Fall to their latest score in the given window



Star Math Current Student Growth Percentile (SGP)

Percent of students at or above the 35th student growth percentile, which shows growth relative to others in the same grade with a Reading score history. Uses a student's earliest score in Fall to their latest score in the given window





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