Coffee with the Principal

September 5, 2019

Agenda

- SBAC
- CAASPP
- Student Scores
- Schoolwide Goals
- Reading Inventory
- A-G

SBAC

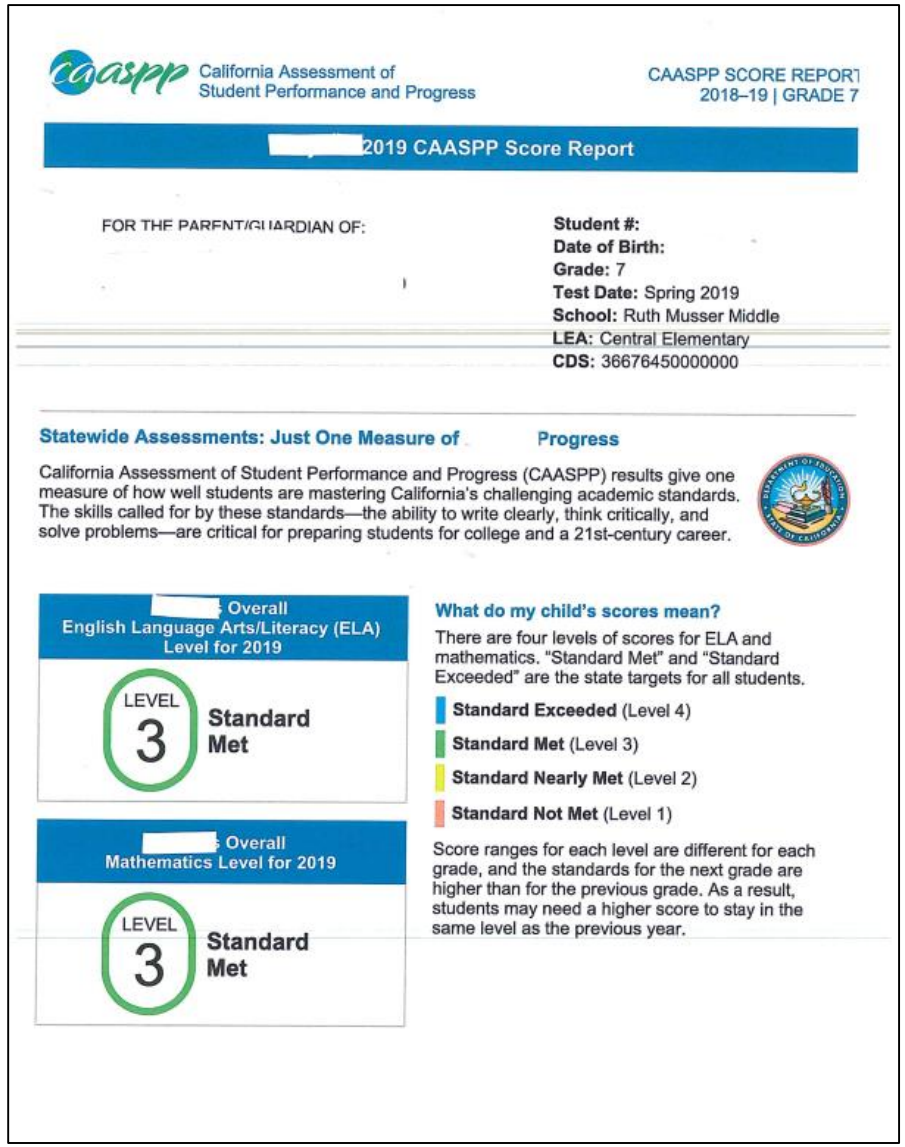
- End of the Year Assessment
- Grades 3-8, 11
- ELA, Math

California Assessment of Student Performance & Progress

- School Accountability
- ELA Claims
  - Reading
  - Writing
  - Listening
  - Research/Inquiry
- Math Claims
  - Concepts & Procedures
  - Problem Solving
  - Communicate Reasoning

Individual Student Reports

- RMMS Goal
  - 3 (Standard Met)
- Aeries provides 3 years of scores



caaspp California Assessment of Student Performance and Progress

CAASPP SCORE REPORT
2018–19 | GRADE 7

[redacted] 2019 CAASPP Score Report

FOR THE PARENT/GUARDIAN OF:

Student #:
Date of Birth:
Grade: 7
Test Date: Spring 2019
School: Ruth Musser Middle
LEA: Central Elementary
CDS: 36676450000000

Statewide Assessments: Just One Measure of Progress

California Assessment of Student Performance and Progress (CAASPP) results give one measure of how well students are mastering California's challenging academic standards. The skills called for by these standards—the ability to write clearly, think critically, and solve problems—are critical for preparing students for college and a 21st-century career.

[redacted] Overall English Language Arts/Literacy (ELA) Level for 2019

LEVEL 3 **Standard Met**

[redacted] Overall Mathematics Level for 2019

LEVEL 3 **Standard Met**

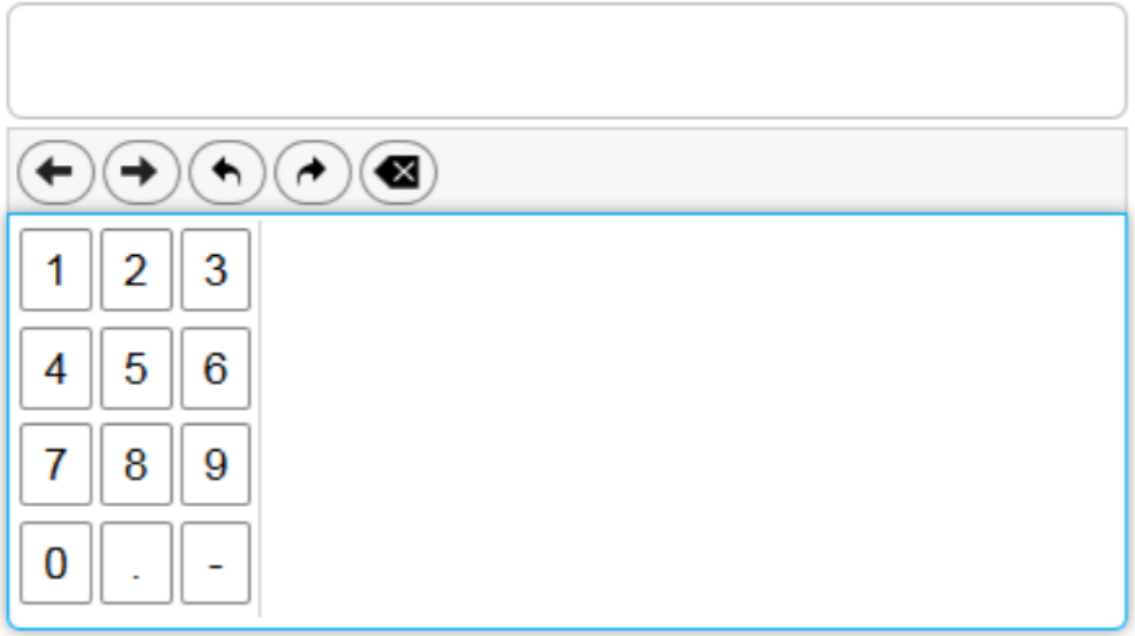
What do my child's scores mean?

There are four levels of scores for ELA and mathematics. "Standard Met" and "Standard Exceeded" are the state targets for all students.

- **Standard Exceeded** (Level 4)
- **Standard Met** (Level 3)
- **Standard Nearly Met** (Level 2)
- **Standard Not Met** (Level 1)

Score ranges for each level are different for each grade, and the standards for the next grade are higher than for the previous grade. As a result, students may need a higher score to stay in the same level as the previous year.

Enter the value of n for the equation $5^n = 5^{11} \bullet 5^3$.



Math Claim #1 – Concepts & Procedures

"Students can explain and apply mathematical concepts and interpret and carry out mathematical procedures with precision and fluency."

In other words, can students do the math?

David and Karen have a goal to read 10,000 pages together by the end of summer.

- David reads 80 pages every day.
- Karen reads 25% more pages every day than David reads.

David and Karen agree that the model $180d = 10{,}000$ will tell them how many days it will take them to read 10,000 pages, together, by the end of summer.

They invite Rick to read with them to get to their goal faster. Rick reads 35% fewer pages per day than Karen.

Which equation can be used to find how many days it will take David, Karen, and Rick to read 10,000 pages, together, by the end of summer?

Ⓐ $232d = 10{,}000$

Ⓑ $245d = 10{,}000$

Ⓒ $288d = 10{,}000$

Ⓓ $315d = 10{,}000$

Math Claim #2 - Problem Solving

"Students can solve a range of complex well-posed problems in pure and applied mathematics, making productive use of knowledge and problem solving strategies."

In other words, can student use their knowledge of mathematical practices to solve problems?

A biologist tracks the number of bacteria living in a water tank. The biologist used a function that represents the amount of a certain chemical solution that is added to the water.

- When the water has no chemicals, the number of bacteria (b) is 1200 per gallon.
- For each tablespoon of the chemical solution (c) added to each gallon of water, the number of bacteria decreases by 75 per gallon.

How much of the chemical, in tablespoons, must be added to a 500-gallon tank to reduce the bacteria count to a safe 300 bacteria per gallon?

Math Claim #3
Communicate Reasoning

"Students can clearly and precisely construct viable arguments to support their own reasoning and to critique the reasoning of others."

In other words, can students explain how to solve a problem using mathematical reasoning?

ELA Claim #1 Reading

"Students can read closely and analytically to comprehend a range of increasingly complex literary and informational texts."

In other words, how well do students understand what they are reading?

ELA Claim #2 Writing

"Students can produce effective and well-grounded writing for a range of purposes and audiences."

In other words, how well do students write?

ELA Claim #3 Speaking & Listening

"Students can employ effective speaking and listening skills for a range of purposes and audiences."

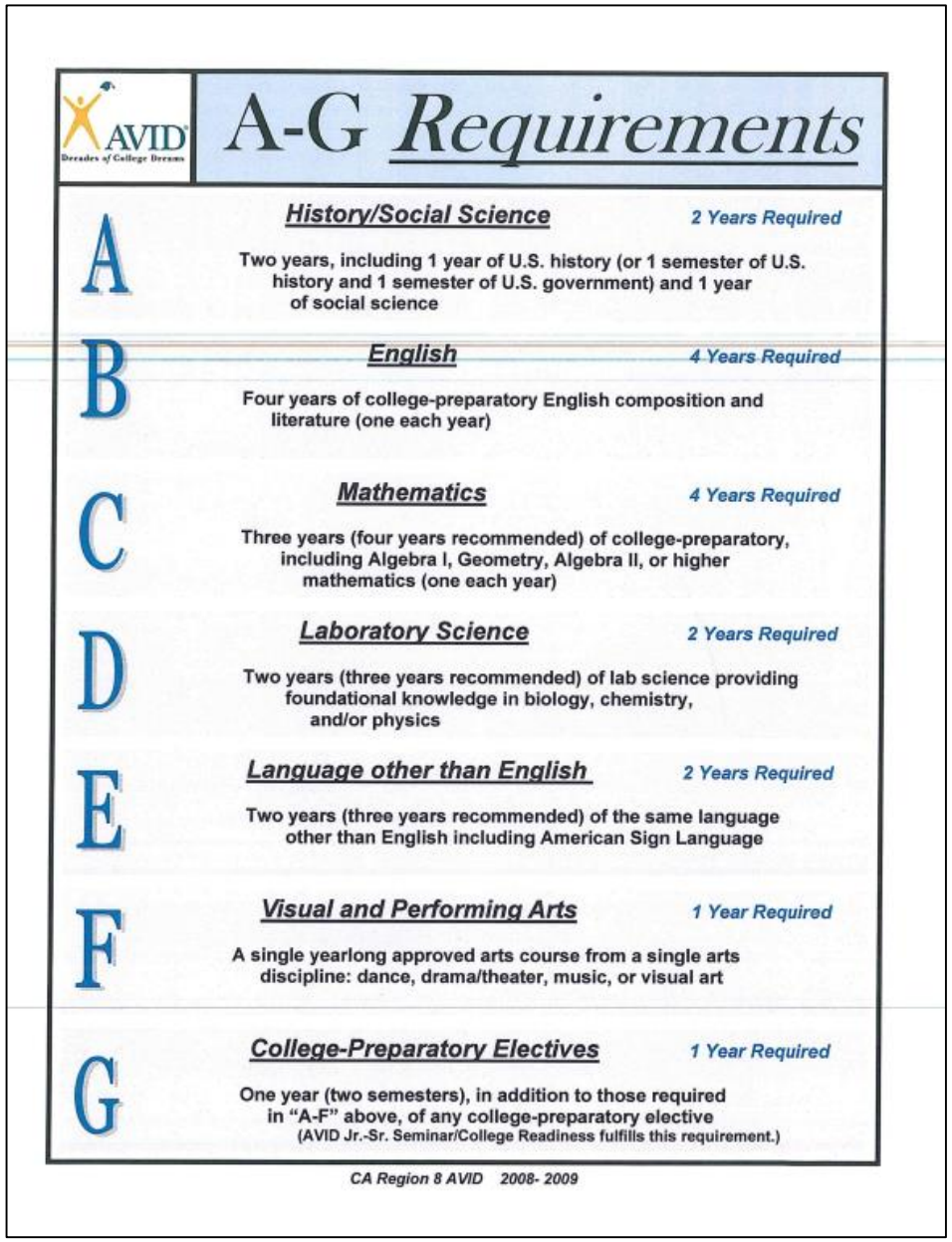
In other words, how well do students understand the spoken word?

ELA Claim #4 Research/Inquiry

"Students can engage in research and inquiry to investigate topics, and to analyze, integrate, and present information."

In other words, how well can students find and present information?

A-G College Readiness



Reading Inventory (RI)

- Assessment provides Reading Levels
- Lexile Score

SRI Lexile - AR Grade Level* Conversion Chart

Lexile Rating	AR Grade Level		Lexile Rating	AR Grade Level
25	1.1		675	3.9
50	1.1		700	4.1
75	1.2		725	4.3
100	1.2		750	4.5
125	1.3		775	4.7
150	1.3		800	5.0
175	1.4		825	5.2
200	1.5		850	5.5
225	1.6		875	5.8
250	1.6		900	6.0
275	1.7		925	6.4
300	1.8		950	6.7
325	1.9		975	7.0
350	2.0		1000	7.4
375	2.1		1025	7.8
400	2.2		1050	8.2
425	2.3		1075	8.6
450	2.5		1100	9.0
475	2.6		1125	9.5
500	2.7		1150	10.0
525	2.9		1175	10.5
550	3.0		1200	11.0
575	3.2		1225	11.6
600	3.3		1250	12.2
625	3.5		1275	12.8
650	3.7		1300	13.5

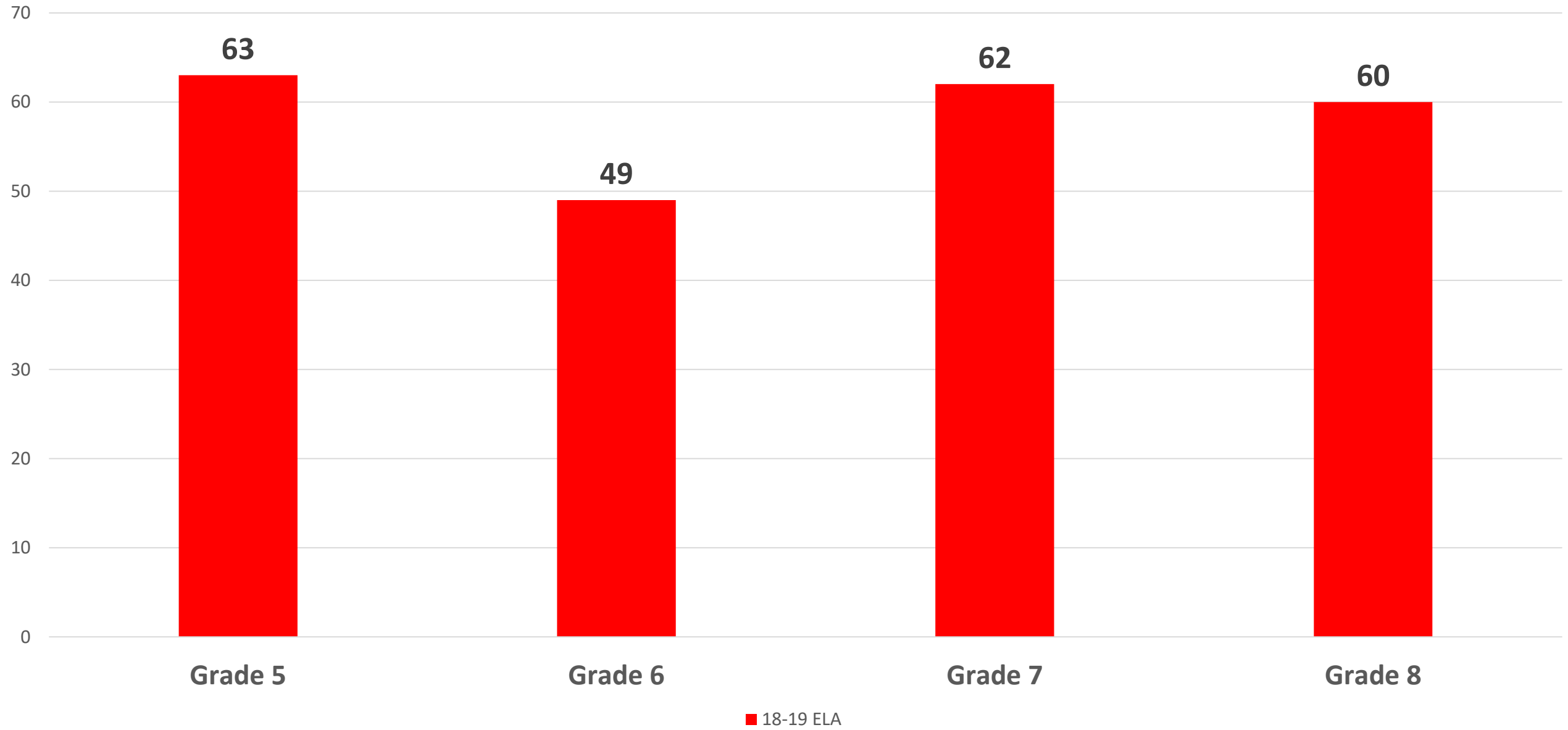
This conversion chart is based on educational levels from the published "Lexile Framework" chart. A smoothed curve was fit through the grade-level points indicated here, and regression analysis provided the equations:

Lexile=500Ln(Grade Level) or, the counterpart GradeLevel=e0.002(Lexile)

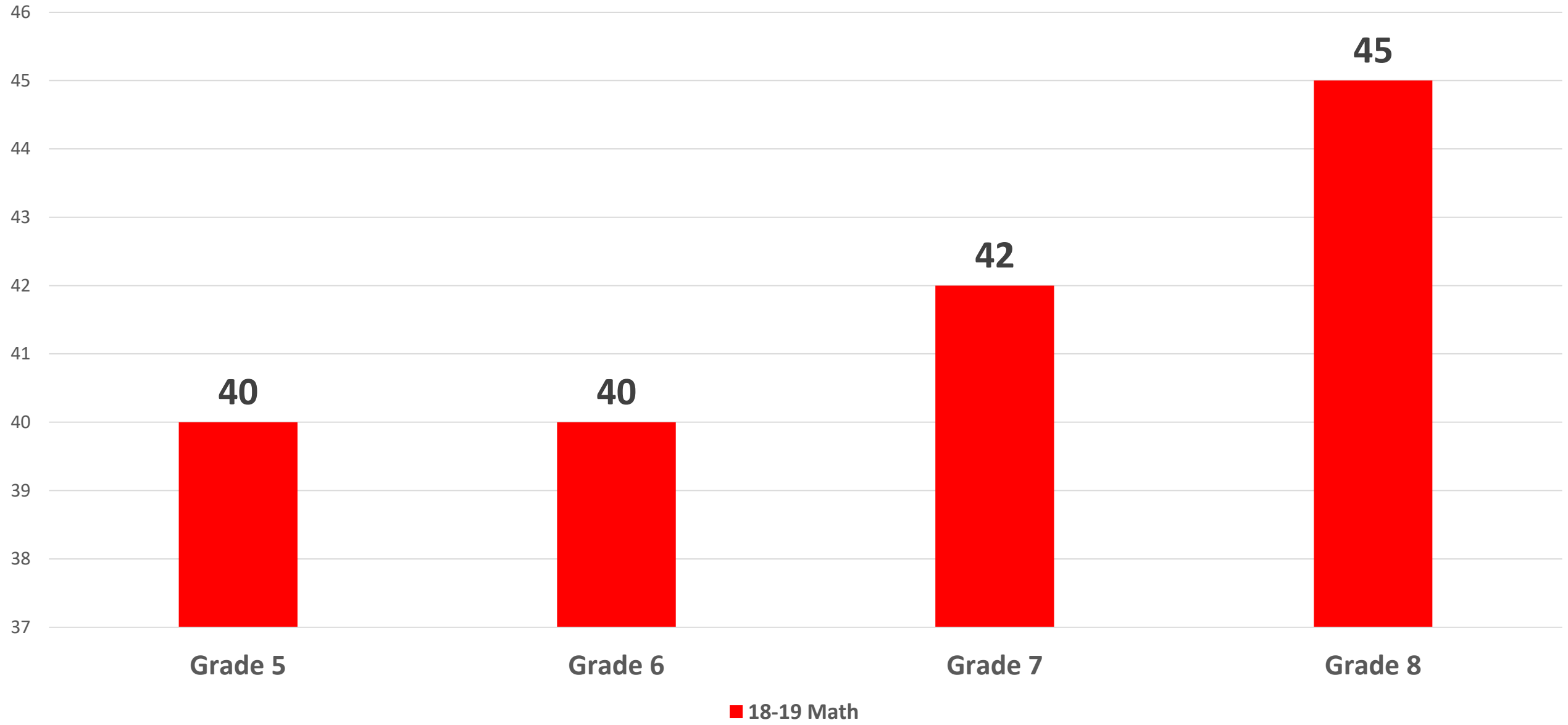
The resulting regression equation was then used to calculate the educational grade-levels in the above table. A separate study of over 700 titles confirmed that their Accelerated Reader© (Advantage Learning's reading management software) reading levels and Lexile ratings are correlated, and that regression analysis on published Accelerated Reader and Lexile reading levels produces a very similar conversion equation.

* "Lexile" and "Lexile Framework" are trademarks of Metametrics, Inc.

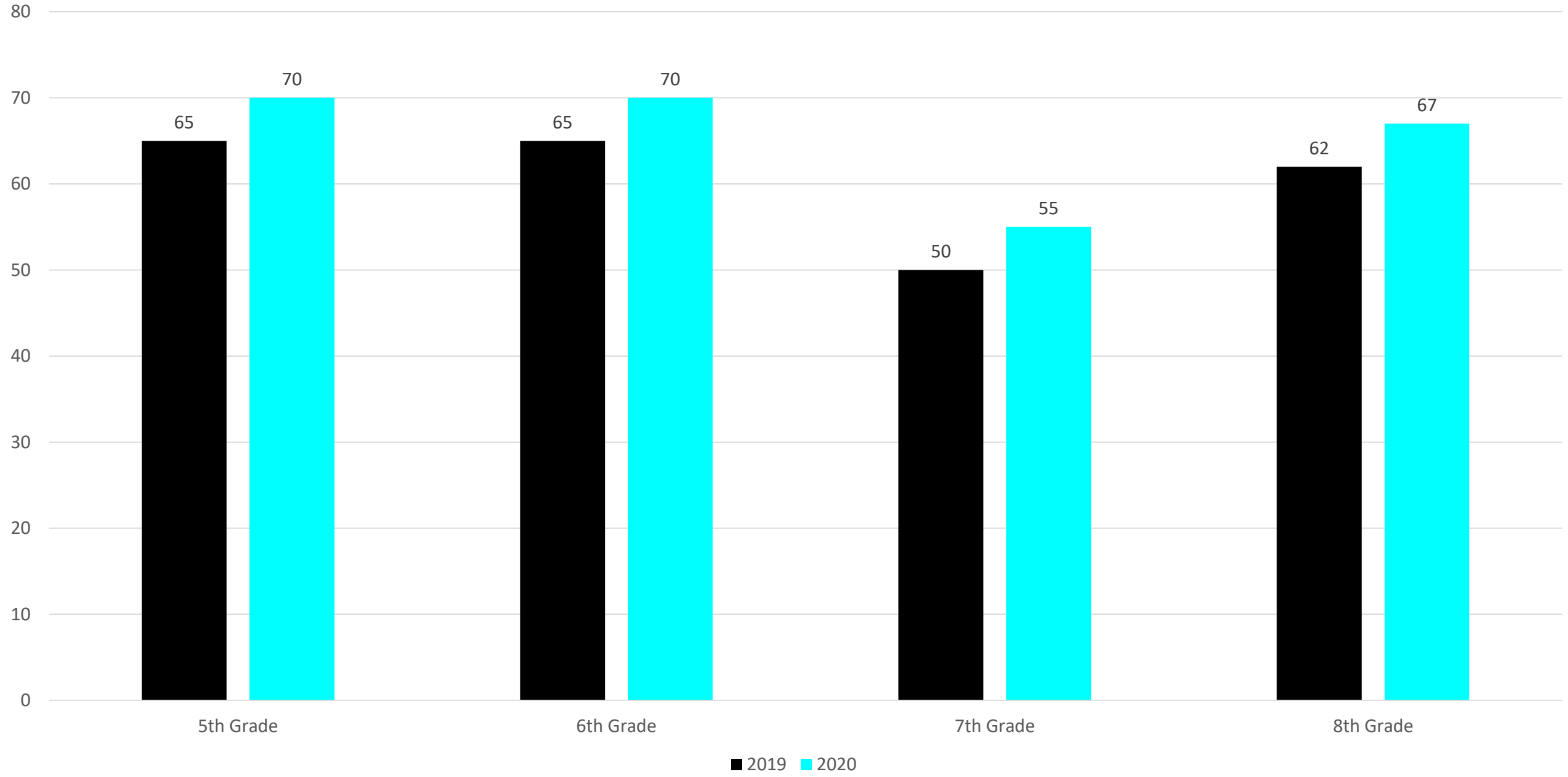
18-19 Results - ELA



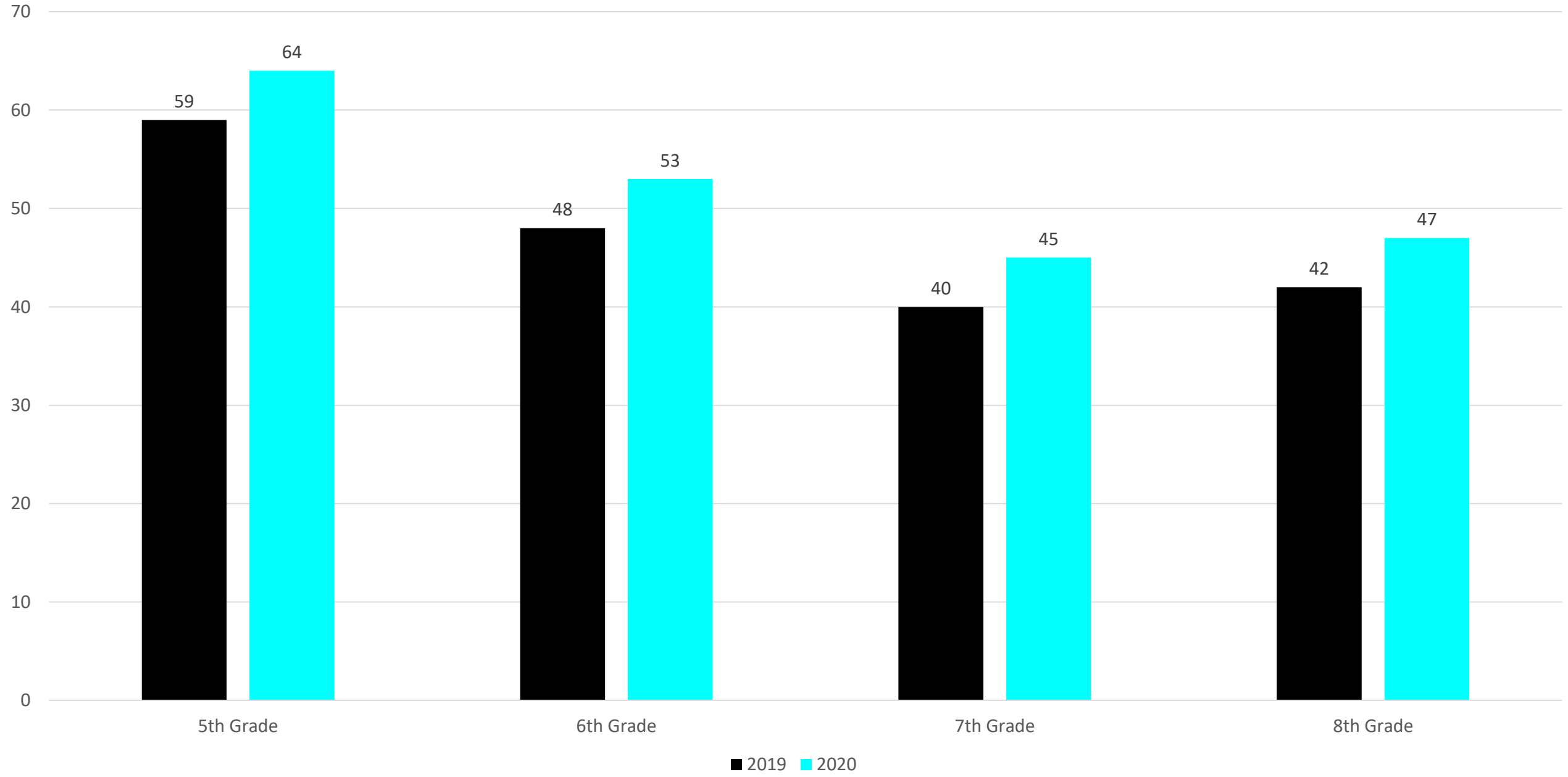
18-19 Results - Math



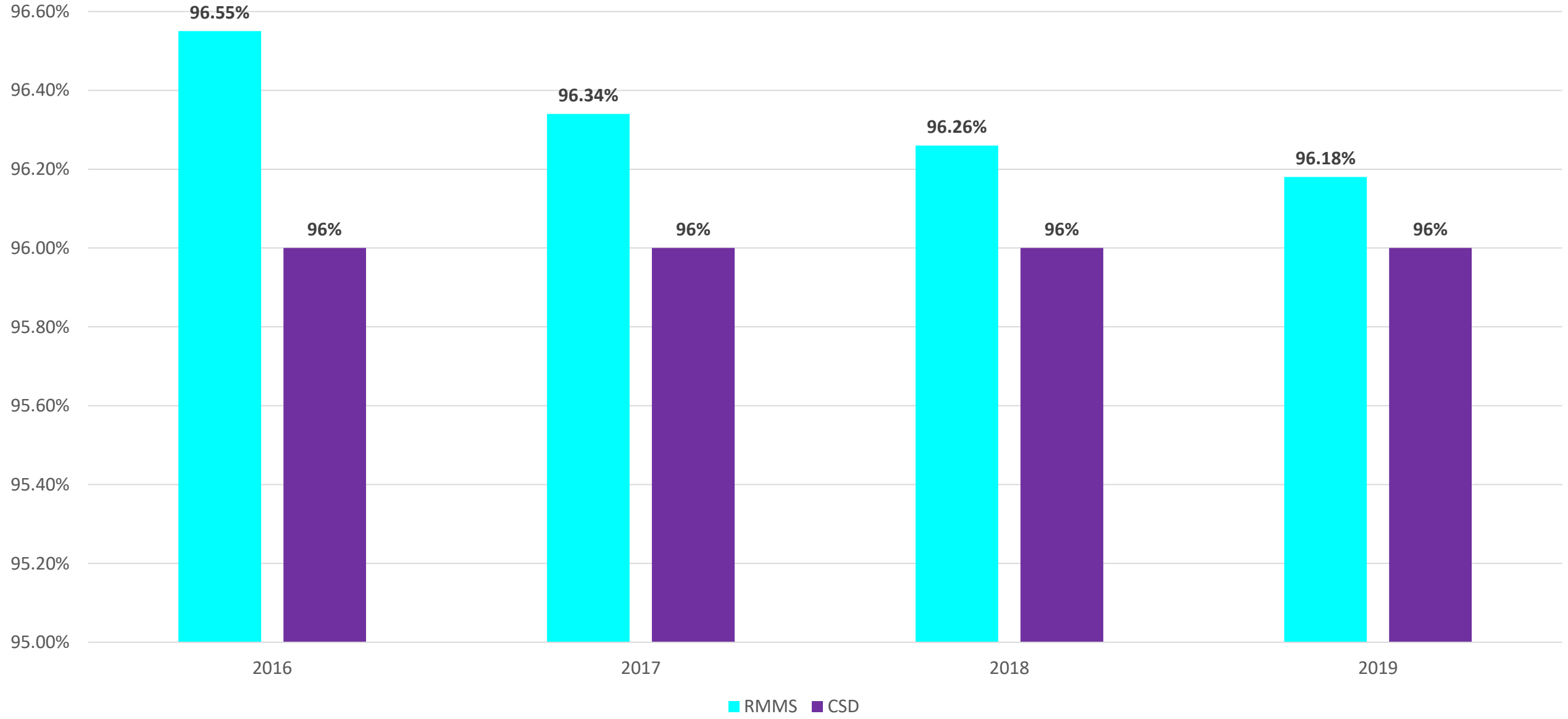
2019-2020 ELA Goals 5% Cohort Growth



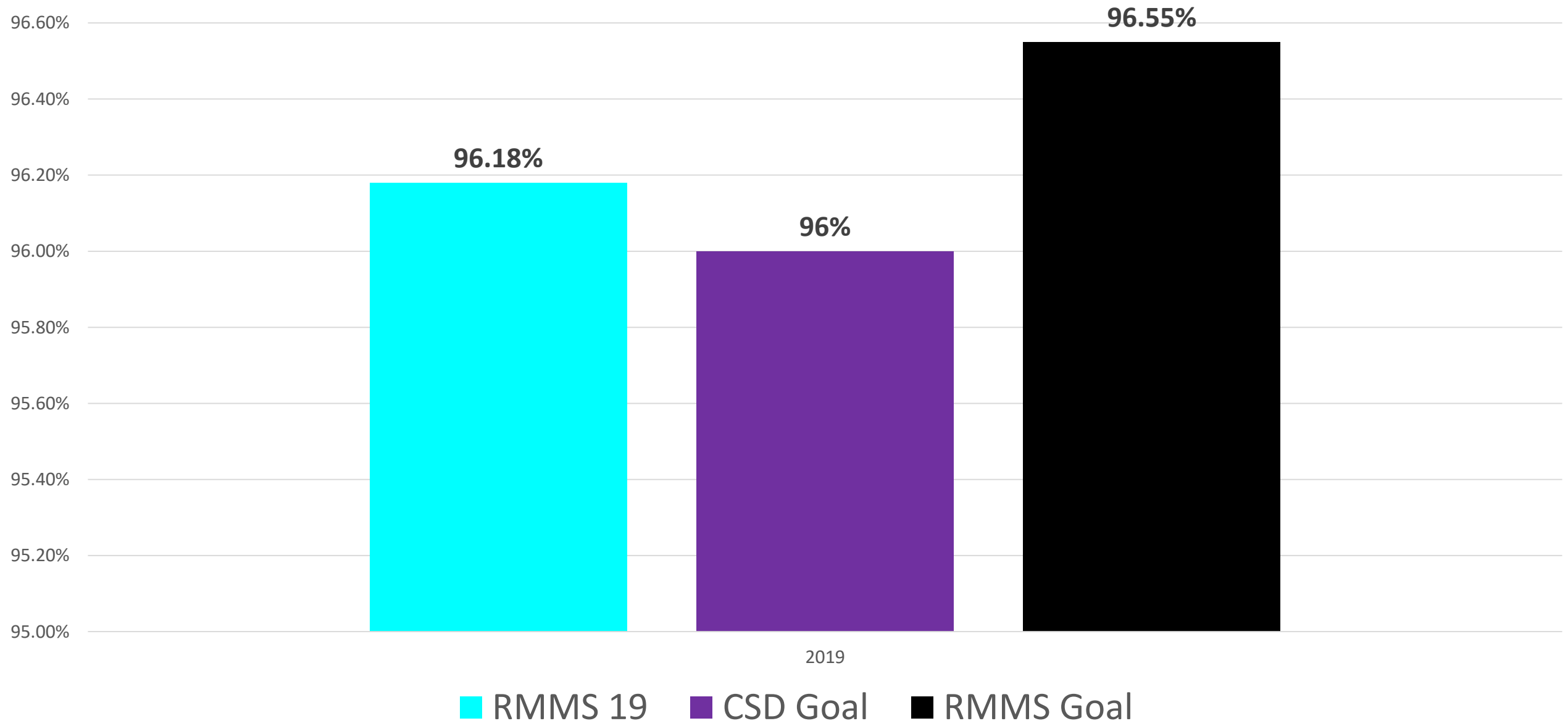
2019-2020 Math Goals 5% Cohort Growth



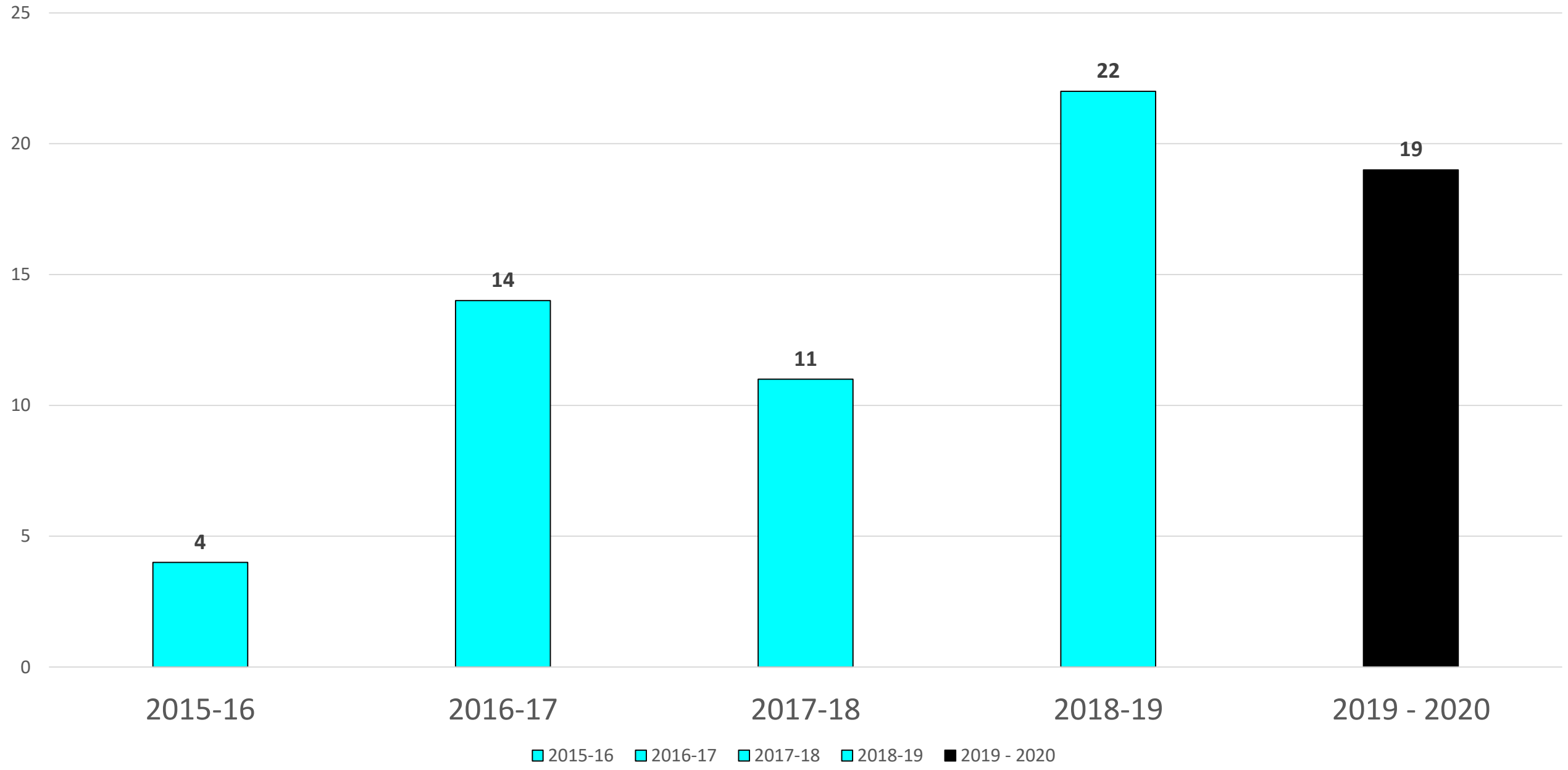
Attendance Rate



Attendance Rate Goal



Number of Suspensions – 10% Reduction



Next Coffee with the Principal

Thursday, October 3
@ 9:30