

Measuring Up

Reviewing Relevant Student
Achievement Data

November 18, 2024

Updated December 16, 2024



Test Scores

A Little Context



Students are assessed every day with both subjective and objective measures

Some assessments are used as benchmarking tools where the results tell us how our students are performing compared to where would be expected for a particular grade level

Norm referenced - compare our students to other students in the same grade/age group
Criterion referenced - compare our students to a predetermined criteria or set of standards

Scores reported by the state, are based on criterion referenced, objective measures given once annually or less

Proficiency is not the only way to look at student test scores; Looking at growth is often more valuable in terms of developing action steps

Assessment: i-Ready

i-Ready is a criterion-reference, nationally normed assessment which is administered three times per year.

The i-Ready Diagnostic serves three purposes for Caledonia:

- It is a benchmark assessment, allowing each school to determine how students understand grade level content;
- It places students on a learning continuum (i.e., MyPath) meant to support the student's understanding of subject content;
- It mirrors national assessments in structure so that students become familiar with the rigor and format they will see on high-stakes tests.

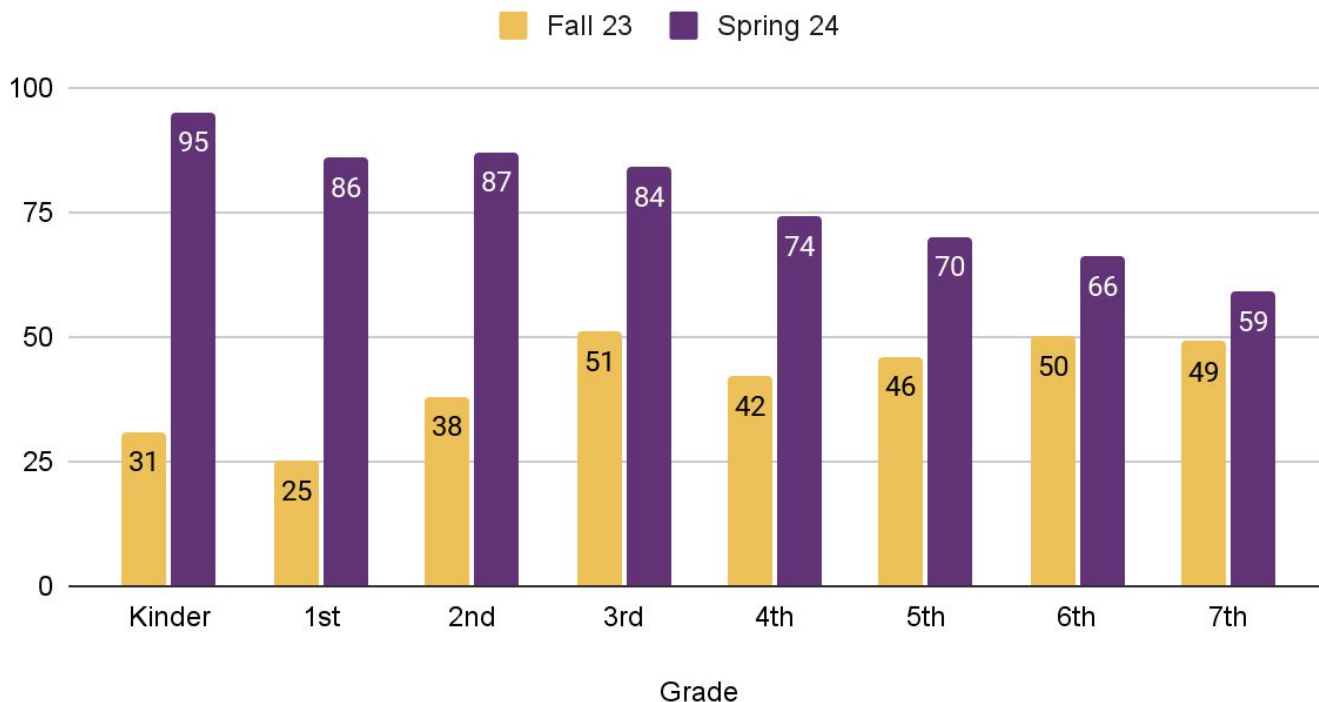
At the conclusion of the assessment, students are given a score and categorized into five levels: mid or above grade, early on grade level, one grade level below, two grade levels below, or three grade levels below benchmark. Mid or above grade and early on grade level are considered proficient.



i-Ready Reading



i-Ready Reading Diagnostic 2023-2024



Although we do not utilize the Ready Reading curriculum resource, we began using the iReady ELA benchmark assessment in 2023-2024 to guide intervention support and to help predict student outcomes on the M-STEP state assessment

We utilize the MyPath intervention resources to support students not yet at benchmark levels

Measuring Growth with i-Ready

Typical vs. Stretch



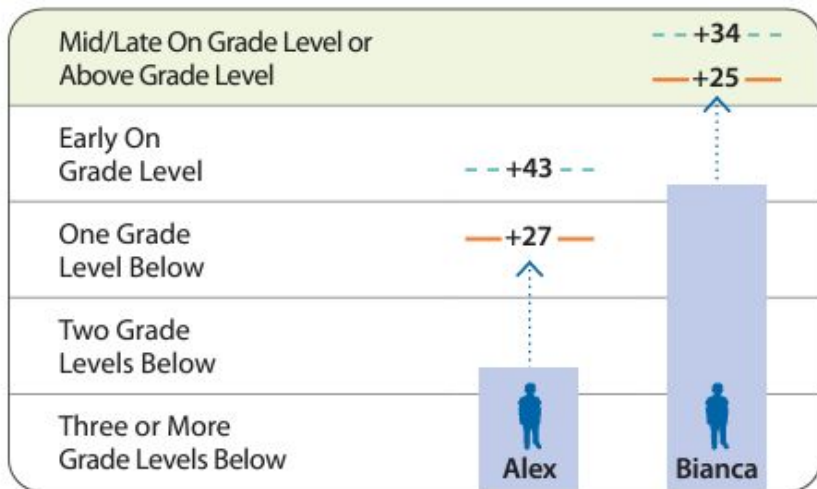
In addition to proficiency, the i-Ready growth model offers two complementary growth measures—Typical Growth and Stretch Growth[®]—for every student in Grades K–8

These benchmarks show how much growth is typical *and* how much growth is recommended to put all students on a path toward proficiency or advanced proficiency levels (stretch growth)

Additionally, these benchmarks help educators set goals, understand student progress, and make informed instructional decisions

Measuring Growth with i-Ready

Typical vs. Stretch



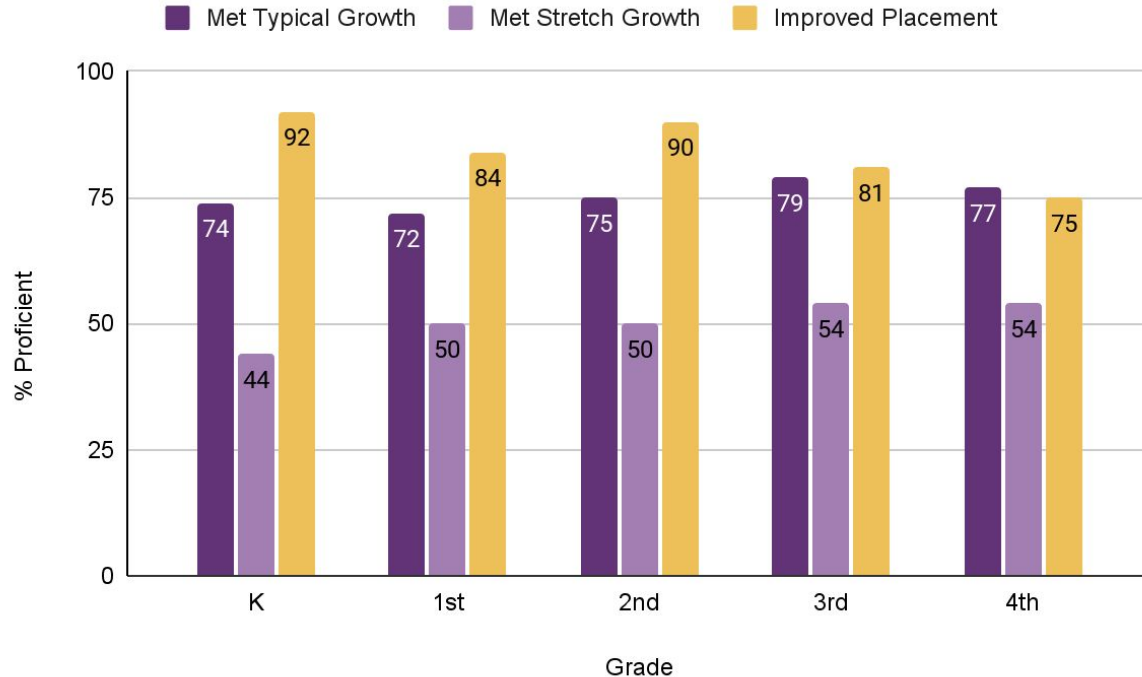
— Typical Growth - - Stretch Growth

Students who are further behind have larger growth benchmarks to help them catch up, and it will take many students more than one year to achieve proficiency.

Students who are already proficient have aspirational Stretch Growth benchmarks to advance to or maintain above-grade level proficiency.

Student Growth - i-Ready Reading

2023-2024



i-Ready is computer adaptive and as such will pick up near where the student left off at the previous benchmark

As a criterion referenced assessment, students are being measured against a specific criteria & themselves

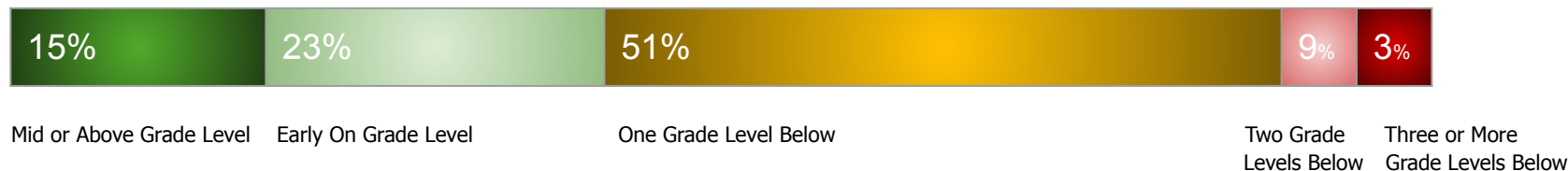
The benchmark gradually advances so it is at a different spot in the fall, winter, and spring

Student Growth - i-Ready Reading

Improved Placement K-4th



Beginning of Year Placement Distribution

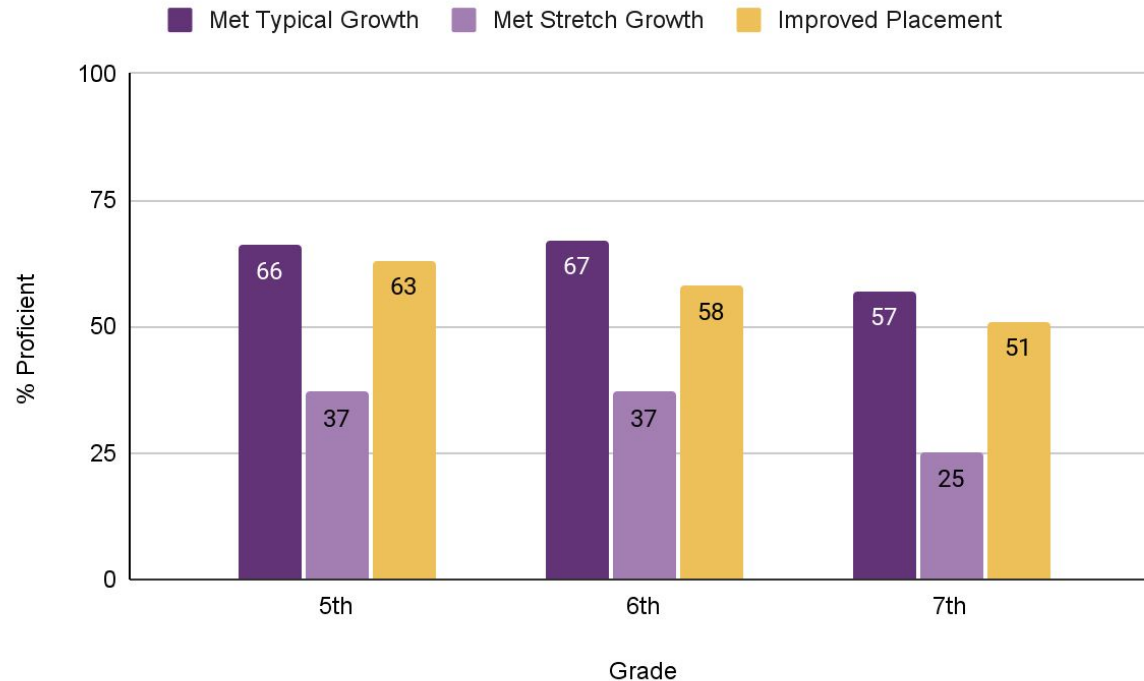


End of Year Placement Distribution



Student Growth - i-Ready Reading

2023-2024



Students who met their stretch growth are also included in the students who met their typical growth columns

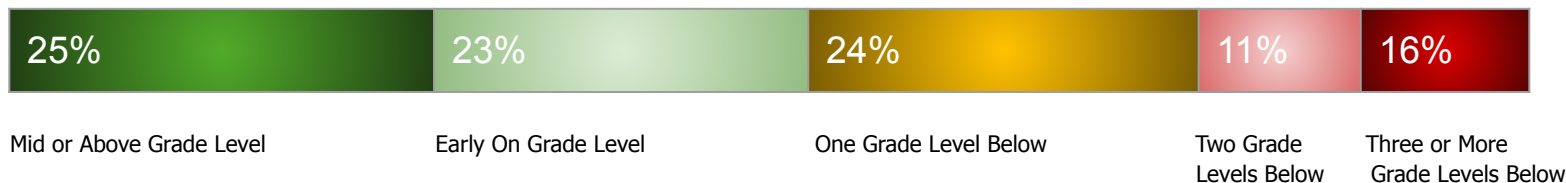
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Student Growth - i-Ready Reading

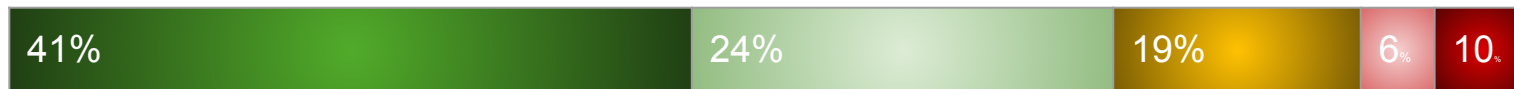
Improved Placement 5th-7th



Beginning of Year Placement Distribution

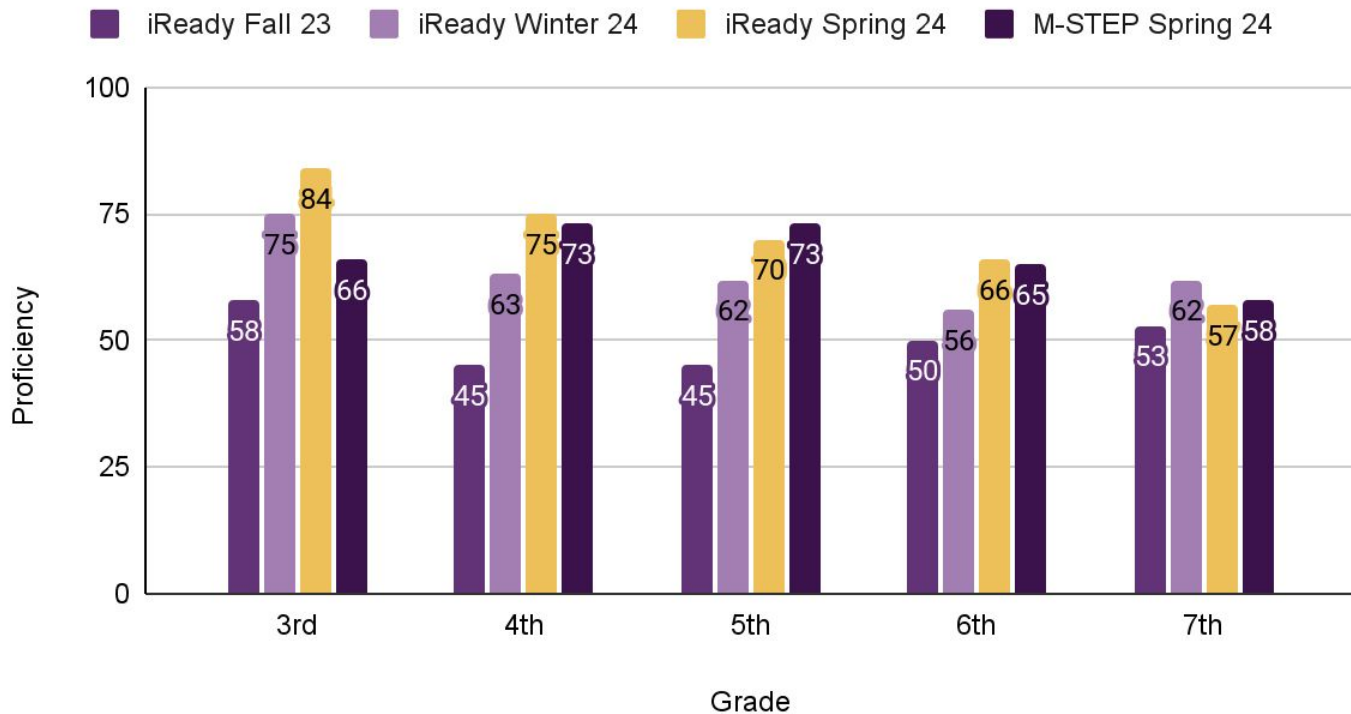


End of Year Placement Distribution



Reading Grade Level Comparison

M-STEP & i-Ready



We use fall benchmarks to determine intervention grouping

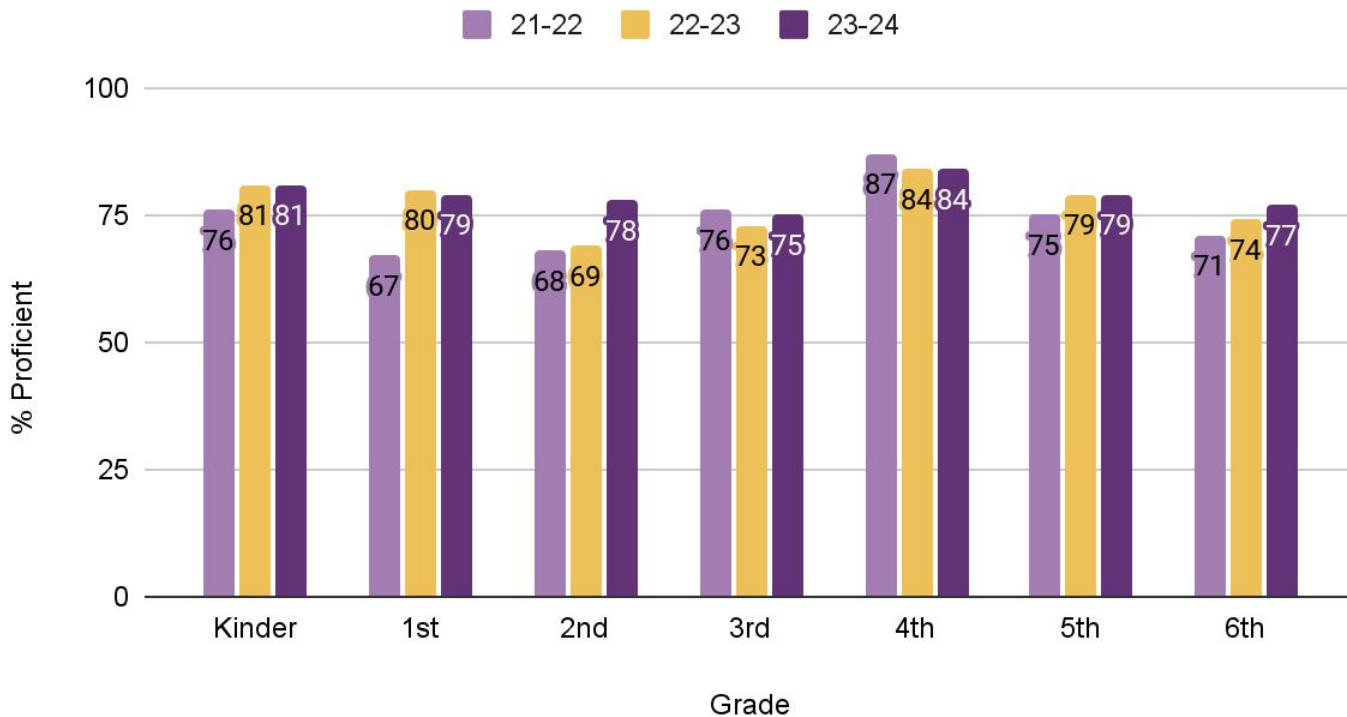
We then use spring benchmark scores to see growth over time and to compare outcomes across assessments

3rd grade is first exposure to M-STEP

i-Ready Math



i-Ready Math Diagnostic Spring Scores



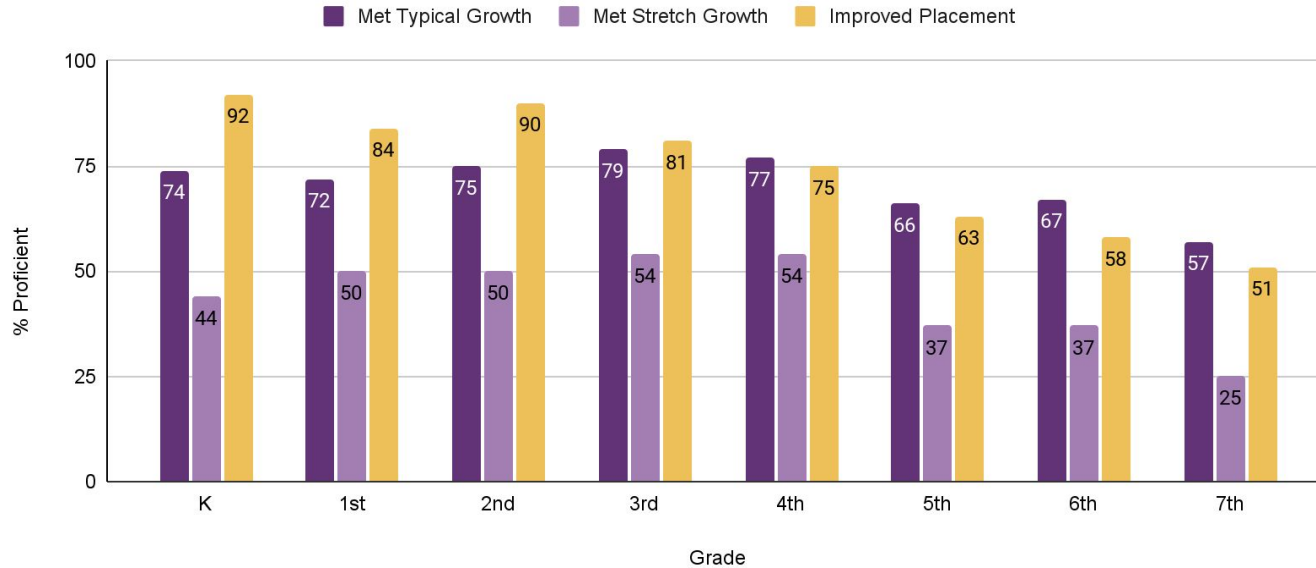
We adopted Ready Math as our K-8 curriculum resource beginning in the 2020-2021 SY

We utilize iReady benchmark scores to guide instruction and to help predict student performance on M-STEP

We utilize the MyPath intervention resources to support students not yet at benchmark levels

Student Growth - i-Ready Math

2023-2024



As with reading, the math assessment will pick up near where the student left off at the previous benchmark

The benchmark gradually advances so it is at a different spot in the fall, winter, and spring

This is why looking at student growth alongside proficiency is so vitally important

Student Growth - i-Ready Math

Improved Placement K-4th



Beginning of Year Placement Distribution



End of Year Placement Distribution

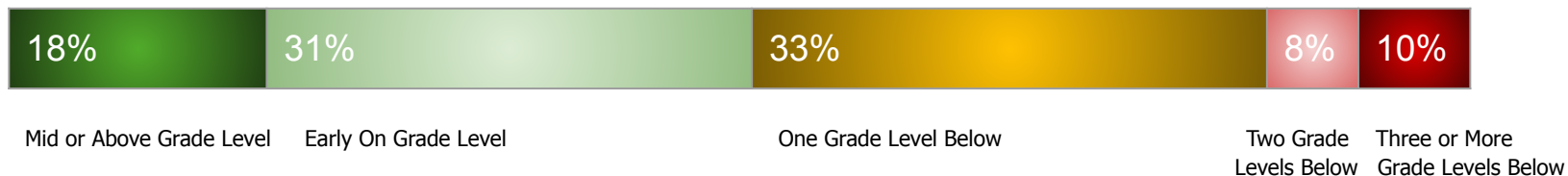


Student Growth - i-Ready Math

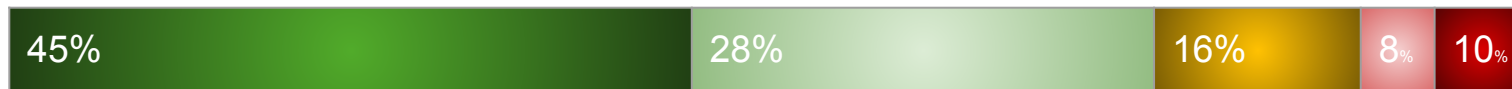
Improved Placement 5th-7th



Beginning of Year Placement Distribution

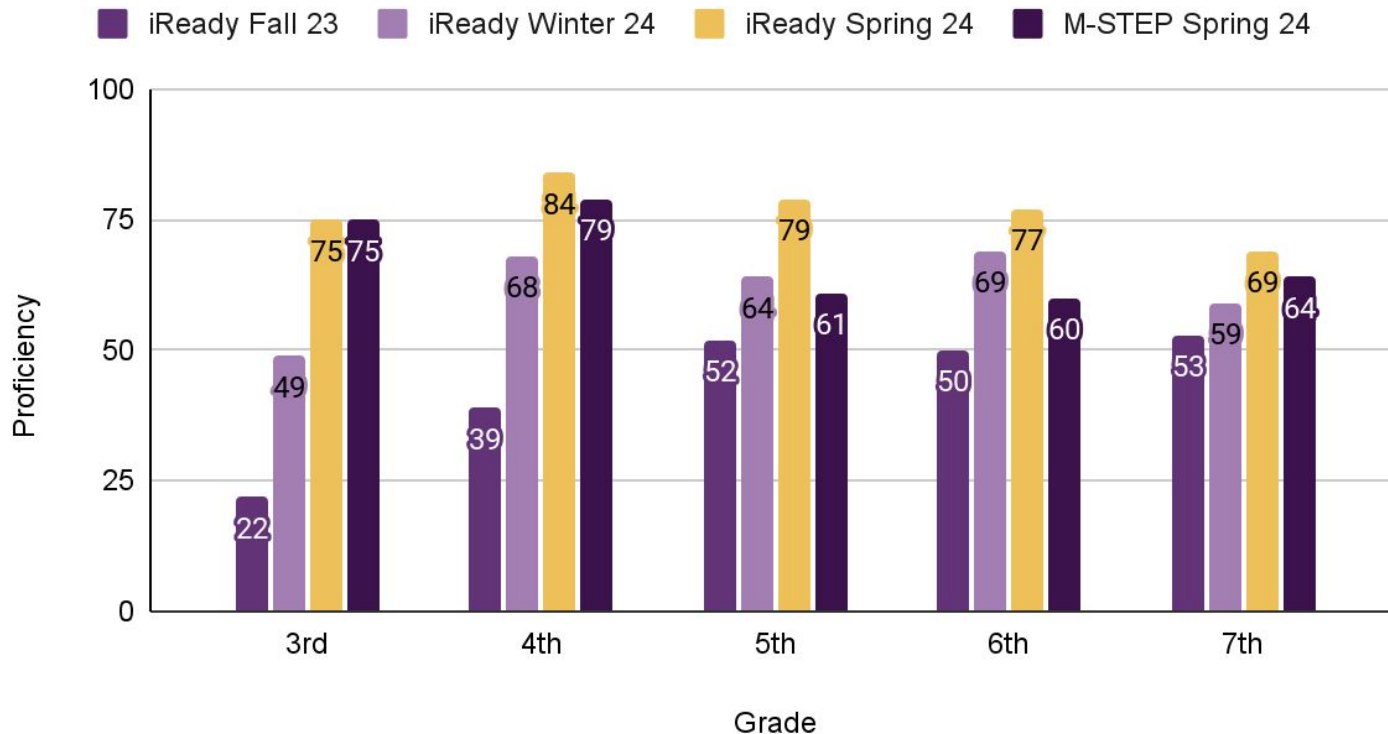


End of Year Placement Distribution



Math Grade Level Comparison

M-STEP & i-Ready



We use iReady math benchmark scores in fall and winter to guide intervention support and to help predict student outcomes on the state M-STEP assessment

We use spring benchmark scores to see growth over time and to compare outcomes across assessments

Assessment: M-STEP

The Michigan Student Test of Educational Progress, or M-STEP, began in 2015. It is primarily a computer-based assessment intended to assess learning in grades 3-8 & 11. Each grade level assessment is comprised of varying core subject areas (i.e., ELA, math, science and social studies).

In each grade level and for each subject area assessed, students are categorized into one of four levels: advanced, proficient, partially proficient, and not proficient. The former two, advanced and proficient, demonstrate an understanding of grade level content.

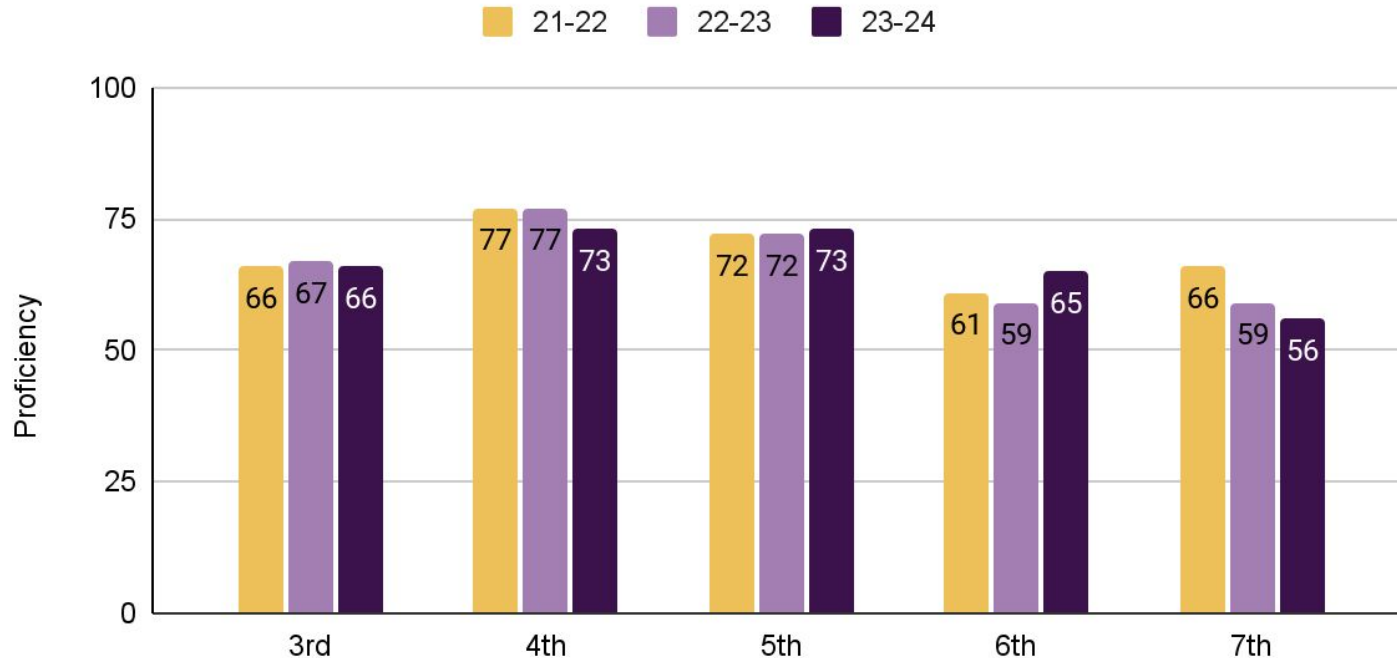


M-STEP Reading

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M-STEP Reading

3rd - 7th Grade

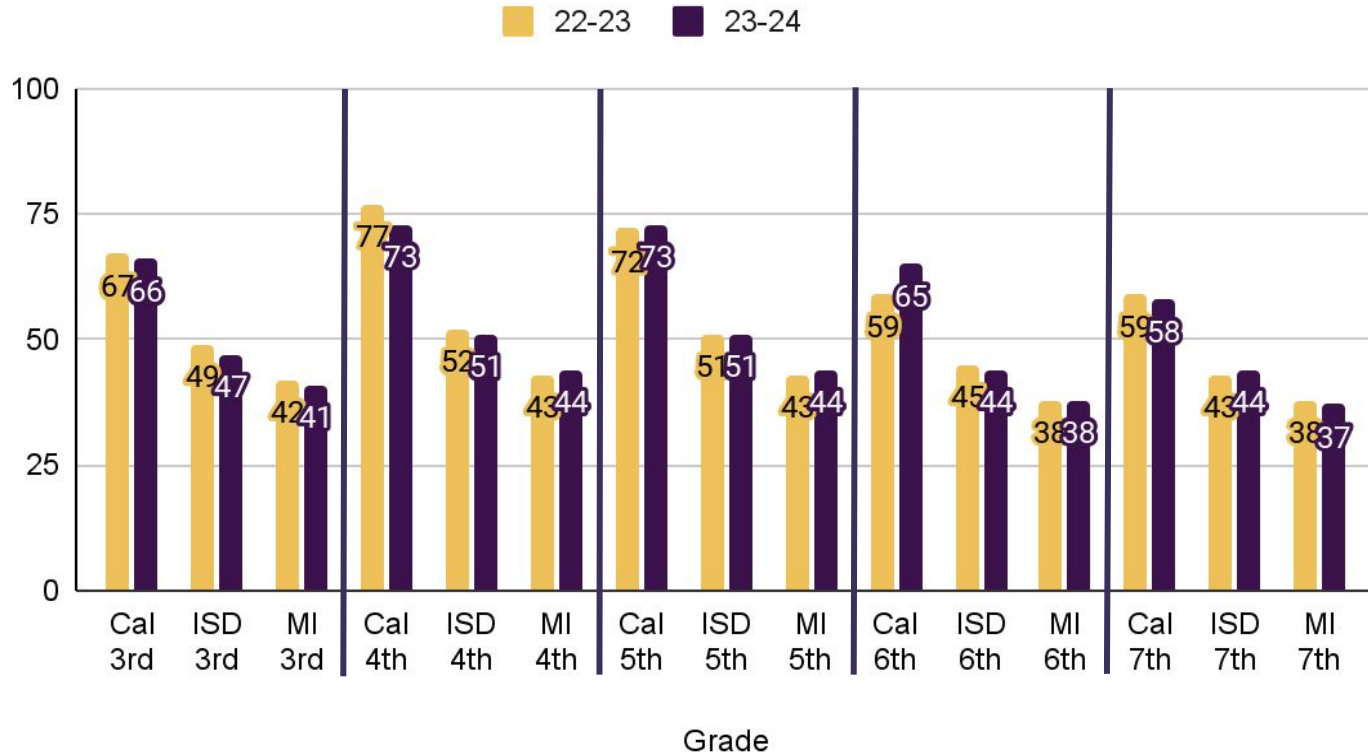


Over time, students perform similarly at each grade level regardless of cohort group

In 2019-2020 We adopted CKLA at K-5 and My Perspectives at 6-8 aligning instruction across grade levels

M-STEP Reading Comparison

District vs. ISD vs. State



We continue to surpass the levels of proficiency demonstrated by Kent County and the State of Michigan

We are proud of our scores but have work yet to do

M-STEP Passing Trend by Cohort: ELA

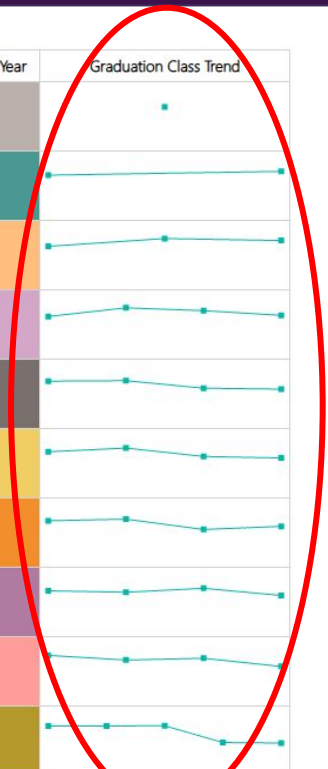
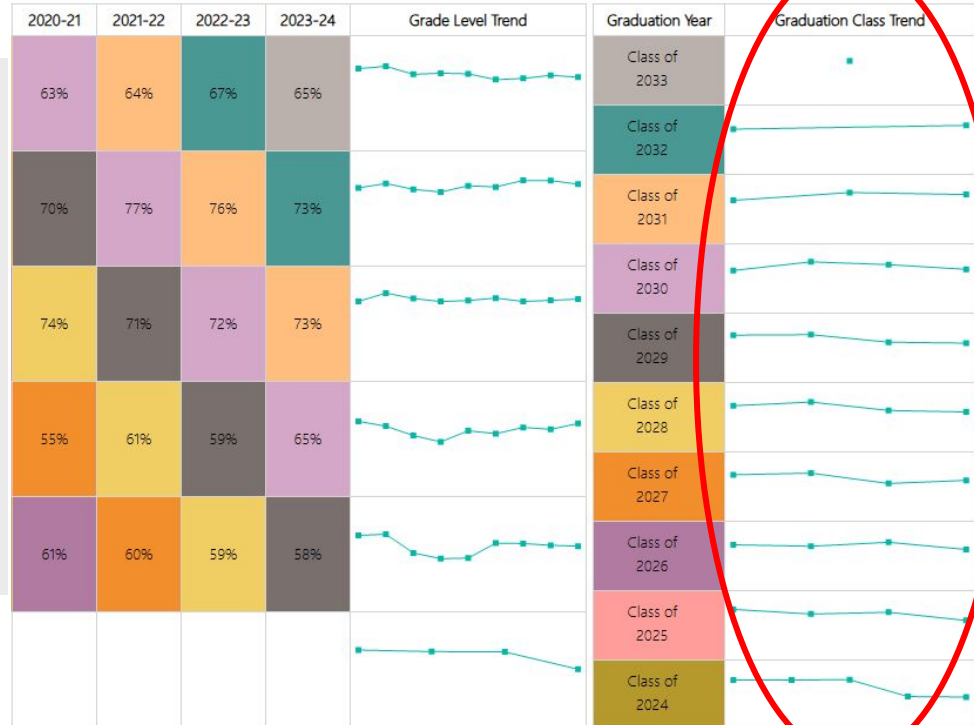


District: Caledonia Community Schools

Grade	2014-15	2015-16	2016-17	2017-18	2018-19
3rd	73%	76%	68%	69%	68%
4th	70%	74%	68%	66%	72%
5th	71%	79%	74%	71%	72%
6th	67%	62%	53%	47%	58%
7th	68%	69%	51%	46%	47%
8th	68%	67%	67%	50%	

2019-20 No Testing (COVID)

Subject: English Language Arts

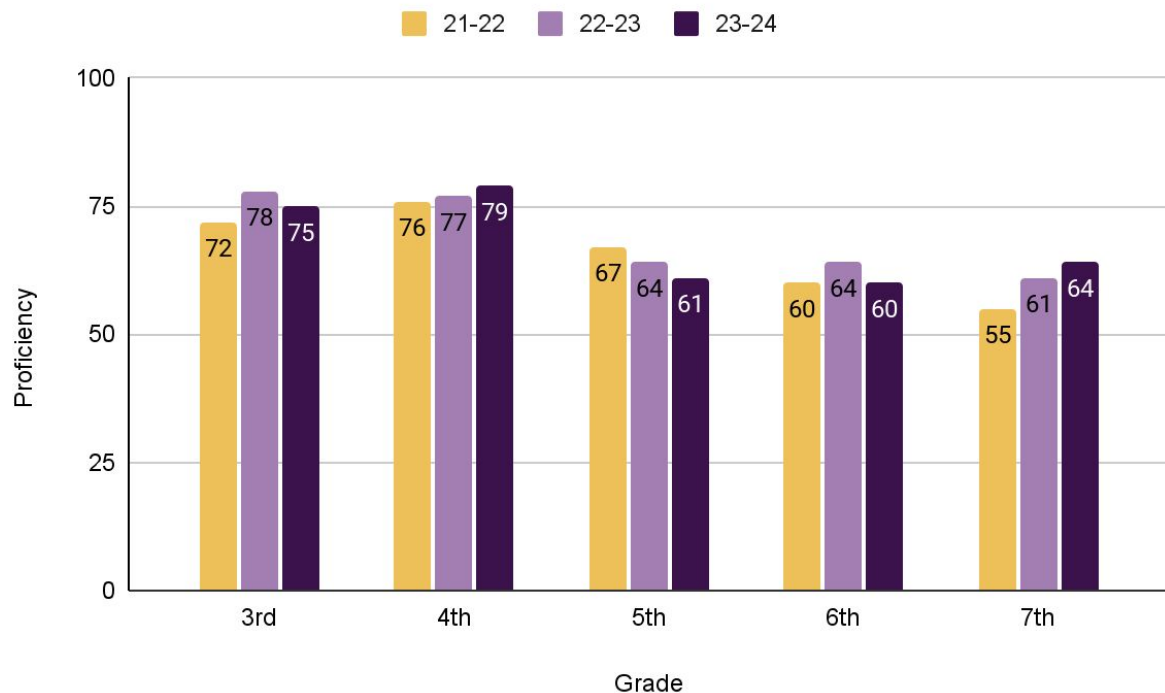


M-STEP Math

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M-STEP Math

3rd - 7th Grades



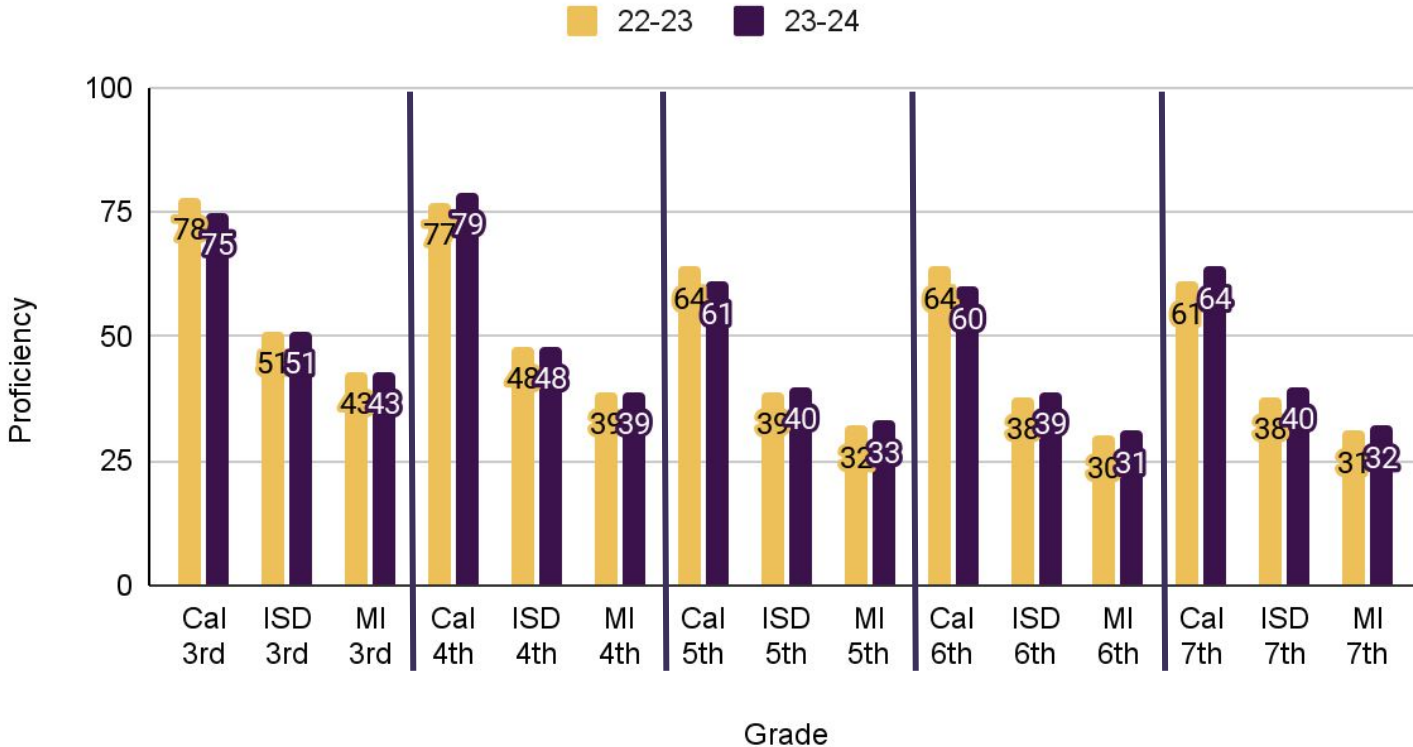
As we saw with reading scores, over time, students perform similarly at each grade level regardless of cohort group

We have seen positive gains in math outcomes across K-8 since adopting iReady Math resources

We are proud of our scores but have work yet to do

M-STEP Math Comparison

District vs. ISD vs. State



As with reading, we continue to surpass the levels of proficiency demonstrated by the State of Michigan

We are proud of our scores but have work yet to do

M-STEP Passing Trend by Cohort: Math



District: Caledonia Community Schools

Subject: Mathematics

Grade	2014-15	2015-16	2016-17	2017-18	2018-19
3rd	69%	66%	67%	68%	68%
4th	63%	67%	66%	61%	64%
5th	53%	57%	49%	53%	56%
6th	54%	51%	46%	43%	50%
7th	43%	57%	53%	44%	46%
8th	69%	60%	64%	50%	

2019-20 No Testing (COVID)



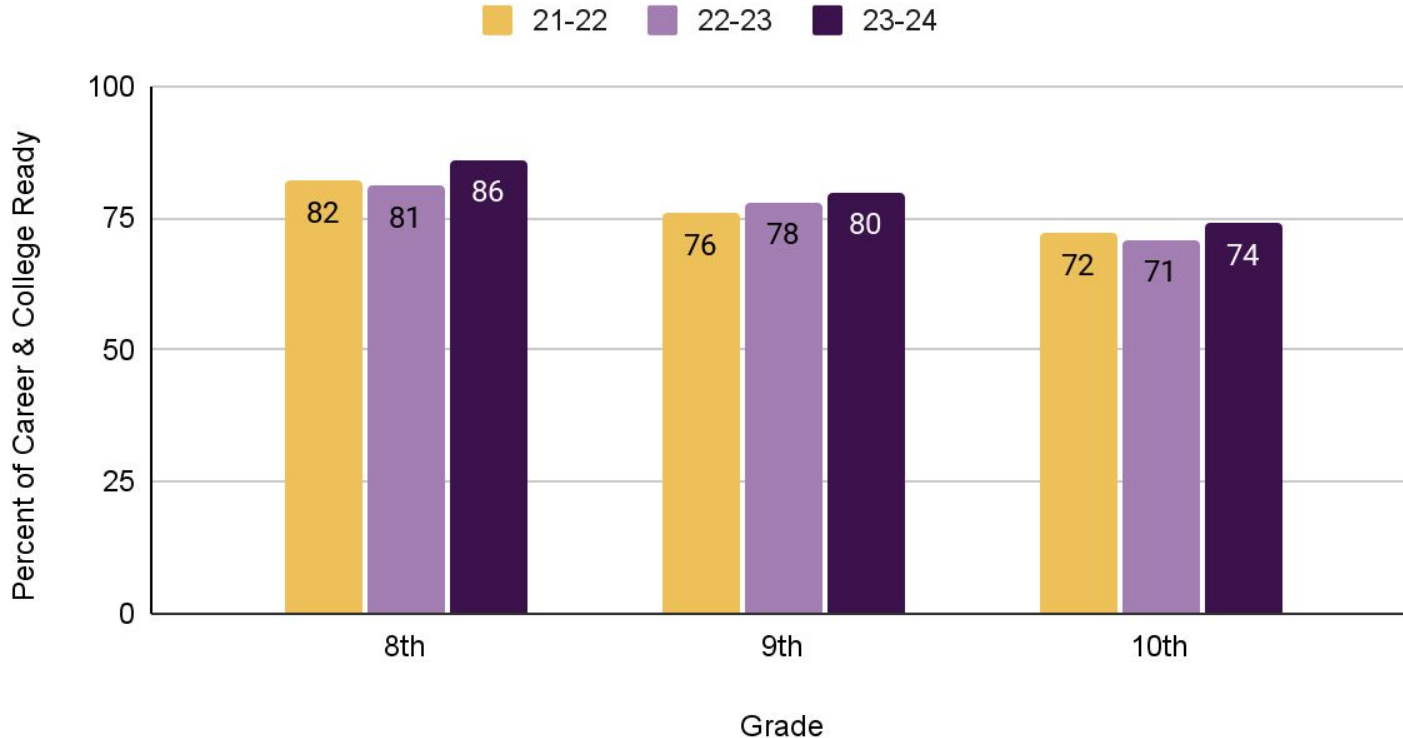
Assessment: PSAT & SAT

The PSAT & SAT Assessments measure skills and knowledge associated with grade level content. Each grade level, 8-11, takes an assessment encompassing a Reading and Writing section and a Math section. Within each section, there is a variety of multiple choice, constructed response, and complex passages that gauge a student's understanding of subject matter and demonstration of college readiness.

Students receive scores that range from 120 to 720 for each section in grades 8 and 9 and 160 to 760 in grades 10 and 11. The totals can therefore reach 1440 and 1520, respectively. Benchmarking is generally set at about 75% of the total possible score.



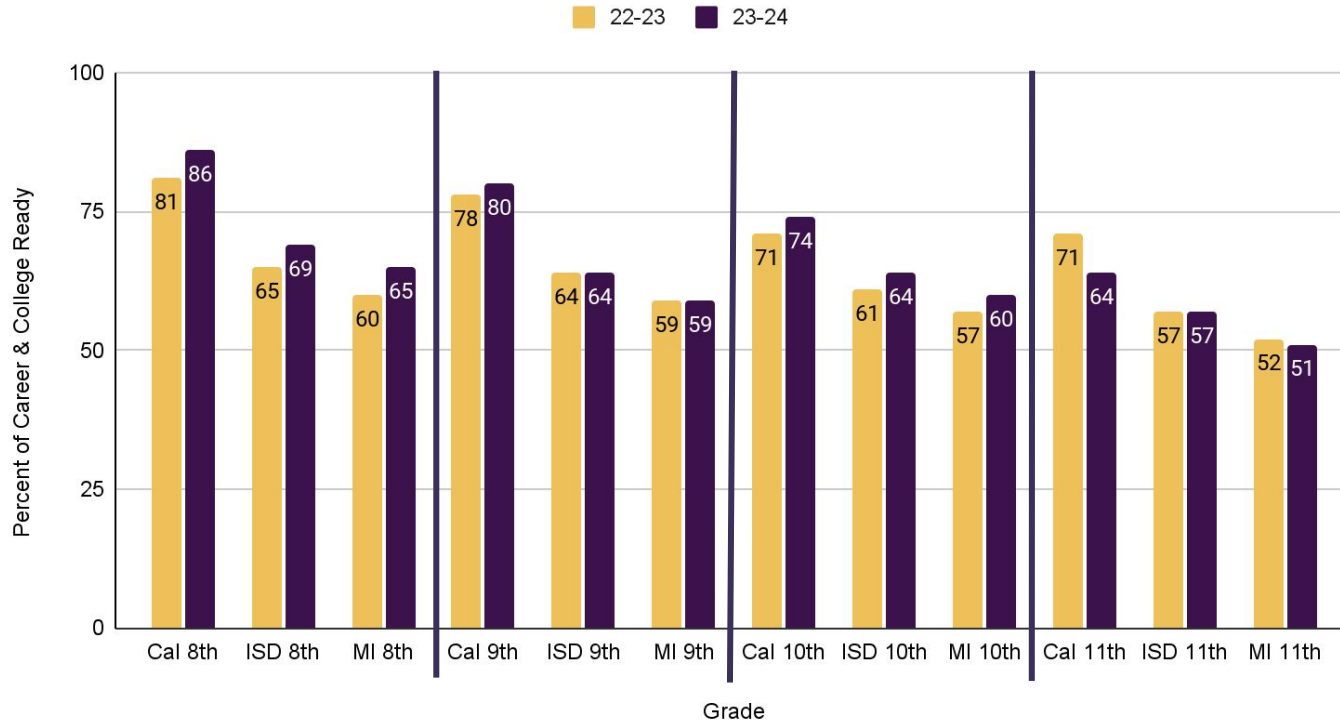
PSAT Reading



We see growth in reading scores at grades 8, 9 and 10 as compared to scores at the 3rd-7th grade levels

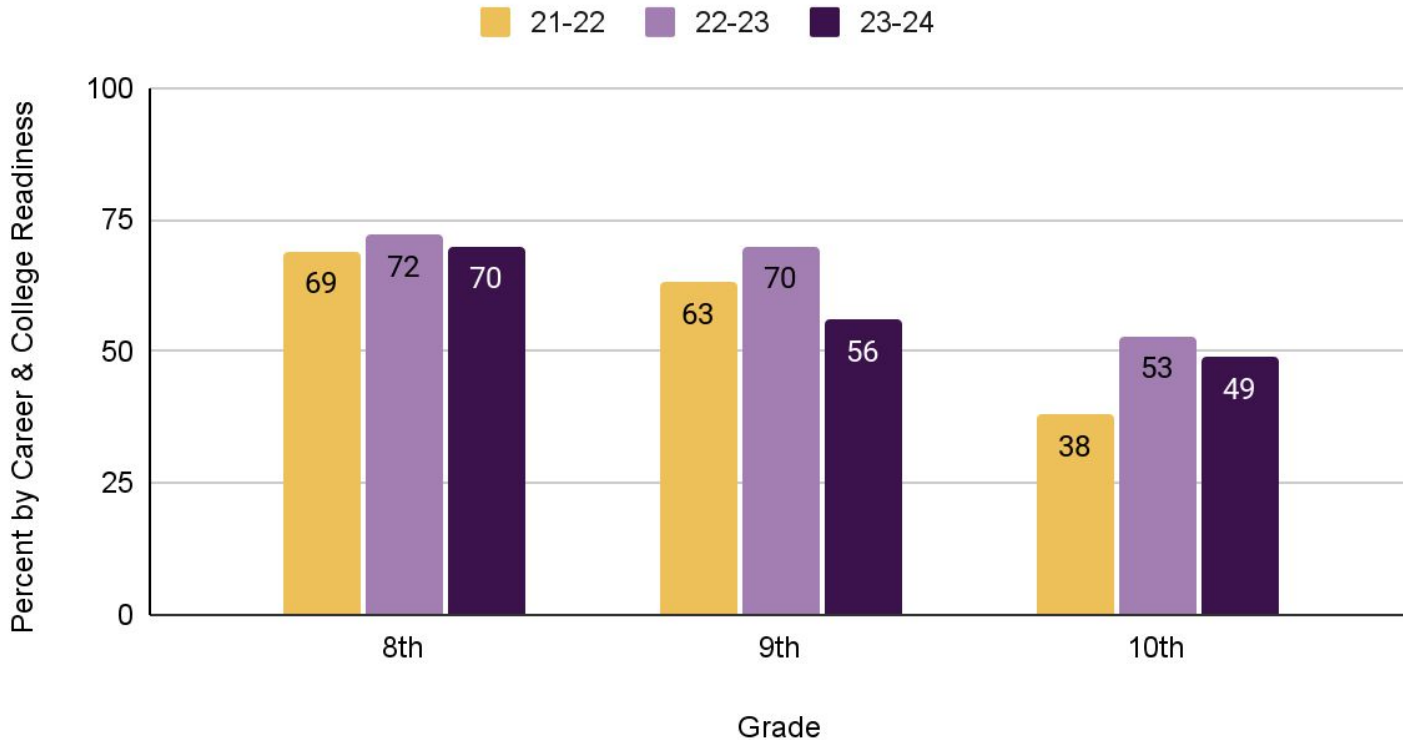
PSAT 8-10/SAT 11 Reading Comparison

District vs. ISD vs. State



As we saw previously when reviewing the M-STEP scores, more Caledonia students meet proficiency expectations on the PSAT than at the ISD and State of Michigan levels

PSAT Math

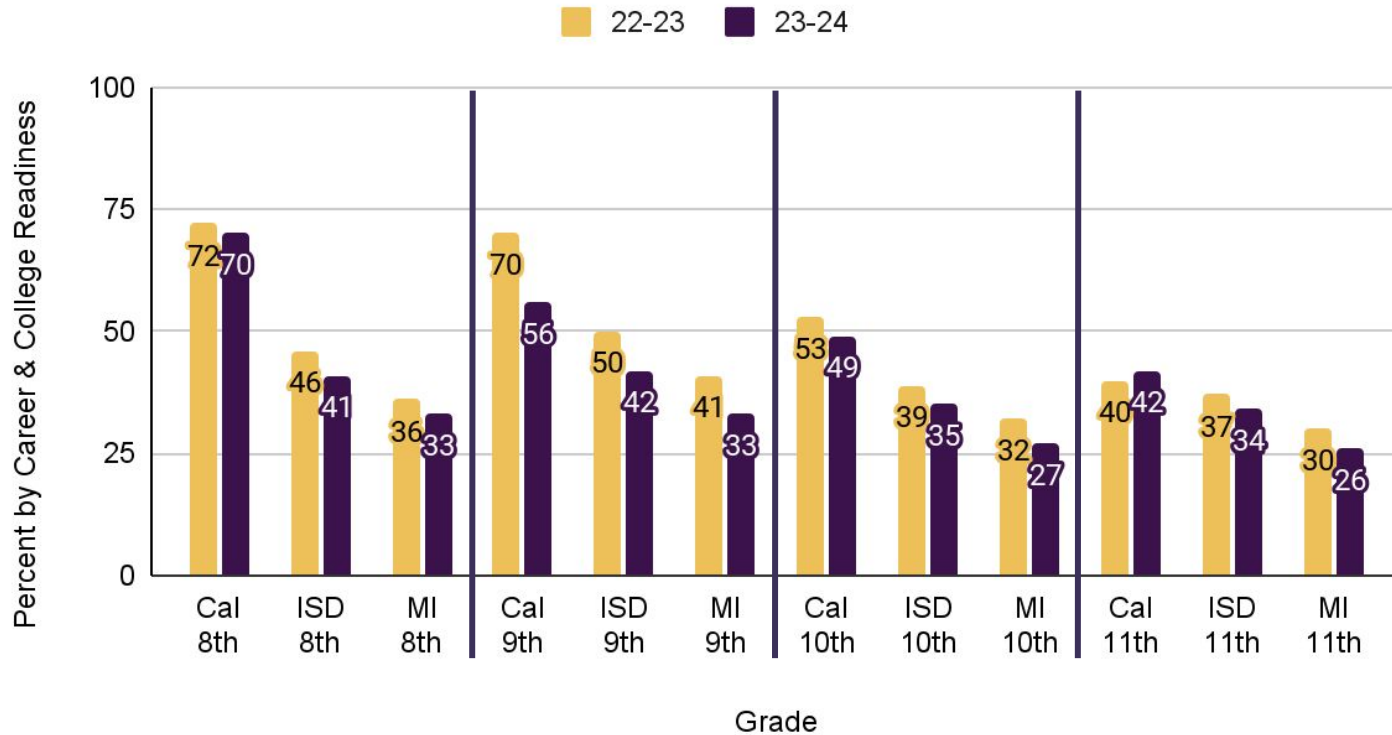


At the K-7 level we see similar levels of proficiency across ELA and math

At the 8-12 level, we begin to see a split in proficiency levels with ELA remaining stronger than math

PSAT 8-10/SAT 11 Math Comparison

District vs. ISD vs. State



Shifting to comparative data for the PSAT, we also demonstrate proficiency levels which surpass the State of Michigan levels

Over time, we see a significant drop off in the percentage of students demonstrating career & college readiness

We continue to target supports for the 30%+ group of students who are not yet proficient

Looking Ahead

Intentional efforts to address decreasing proficiency rates and the students across the grades not yet reaching proficiency

- Focus on Building Relationships
- Professional Learning Communities
- Strengthening Tier I Instruction
- Strengthening Tier II & III Intervention



Questions?

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