

**Quarterly
Curriculum
Update #2**

2023-2024

**Prepared for the
Milton School Committee**

Agenda

- Review results from K-8 interim assessments (mCLASS, i-Ready, IDAPEL)
- Next steps by level and district

Data Context

- Please be advised that the data presented here is only a “snapshot in time” of where our students are at the time these diagnostic assessments were administered. It is meant to give us an overall look of how our students performed, so we can look for trends and patterns in the data and adjust our instructional programs accordingly.
- **Our steady data point:** MPS implemented the iReady Math computer-adaptive, diagnostic assessment in Winter 2020-21 to help us capture how students K-8 were learning during the pandemic. iReady has been found to have high correlations with MCAS performance.



Data Context

- **Many changes to our data systems this year:**
 - This Fall 2023, the district implemented a new literacy screener for Grades K-5, Dibels 8. We moved away from Lexia Rapid due to discontinuation of the product.
 - For grades 6-8, we implemented the iReady Reading diagnostic.
 - Grades 1 and 2 French Immersion students took the IDAPEL assessments for the first time this fall..
 - With the switch to the PowerSchool Student Information System this fall, MPS has also decided to pilot the SEL screener that comes with the PowerSchool system (via Performance Matters) and move away from Intellispark.



K-8 Fall iReady Math Performance

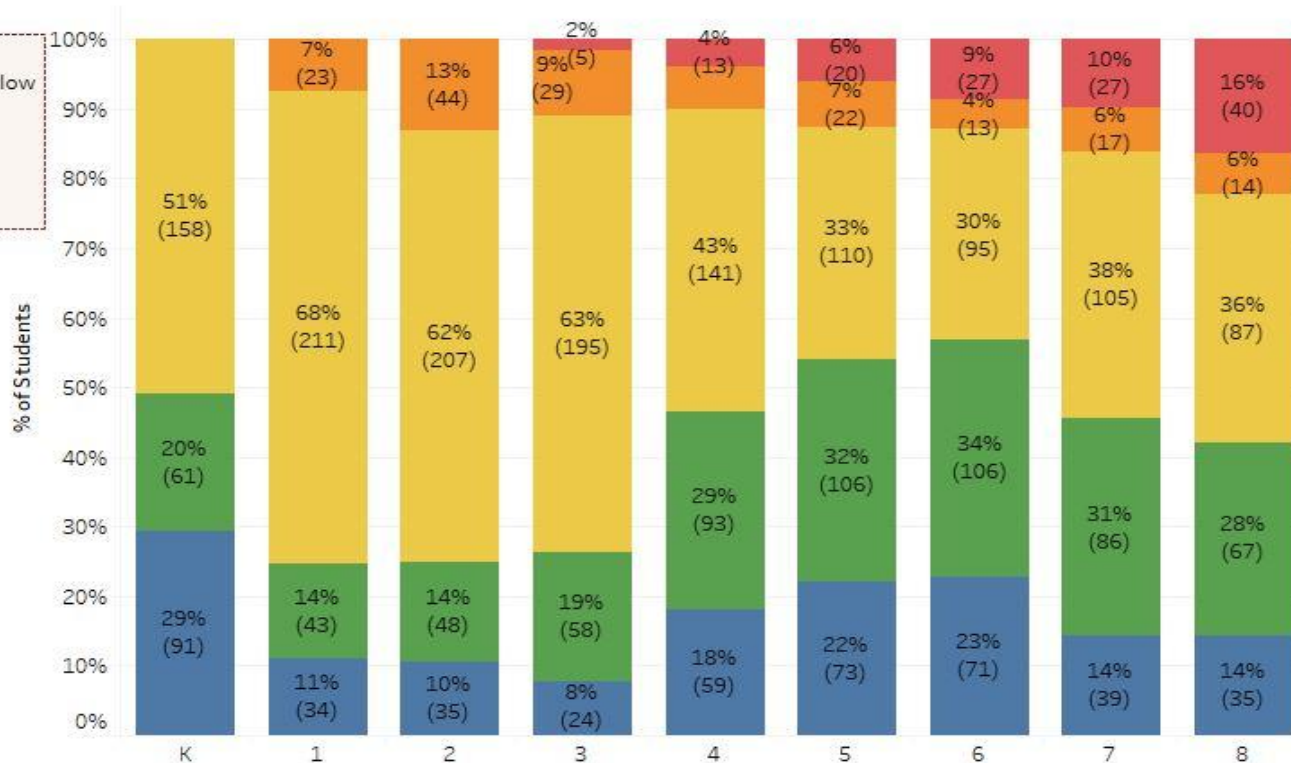


i-Ready Math

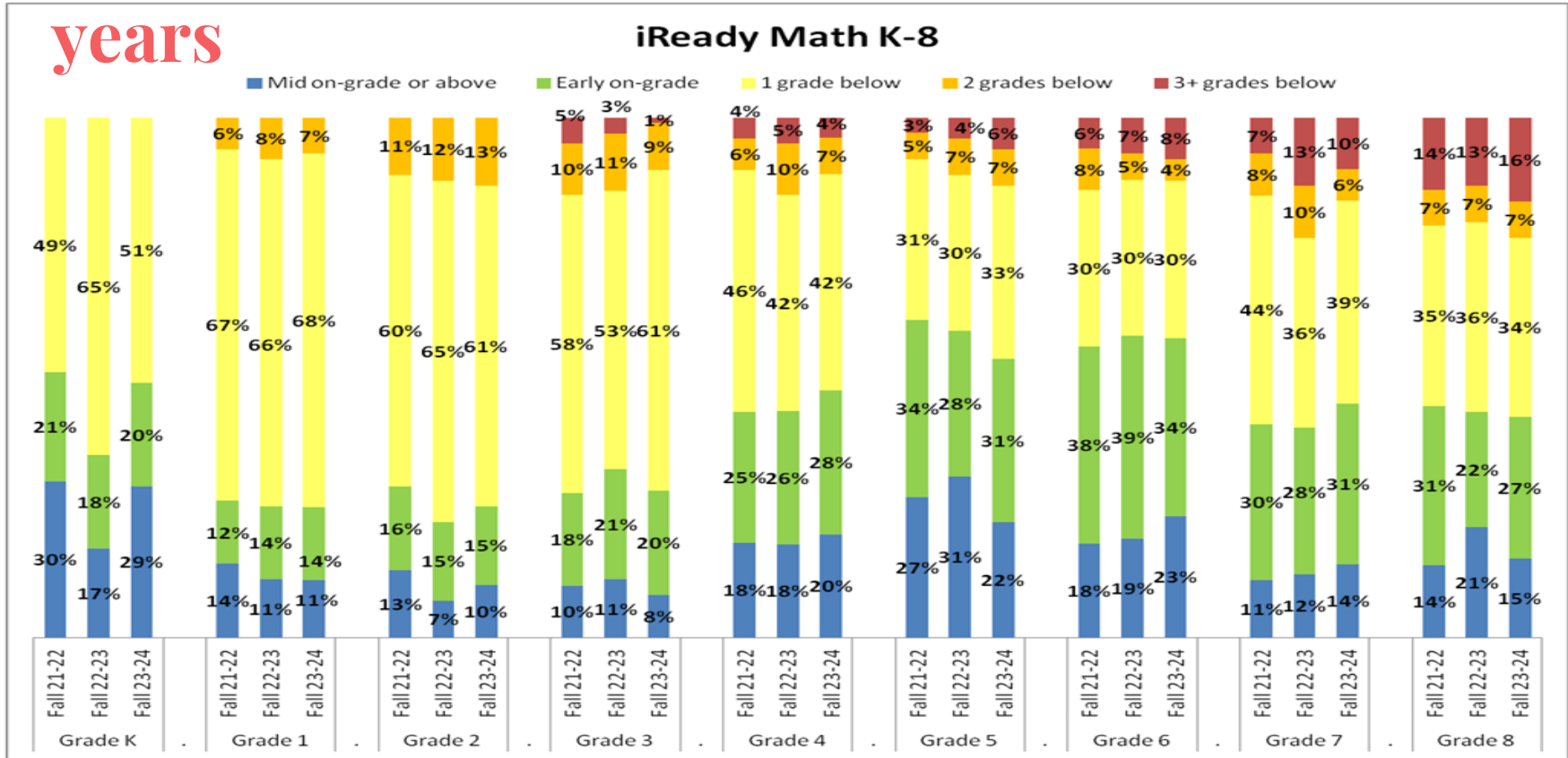
2023-24

Fall Assessment

District by Grade



K-8 Fall iReady Math: Comparison to previous years



Note: In Fall 21-22, Kindergarteners were not tested until November/December, while in Fall 22-23, they were tested in September. Fall 23-24, we went back to the November timeline.



K-8 Fall iReady Math: Subgroups



i-Ready Math
2023-24
Fall Assessment

Student Grade

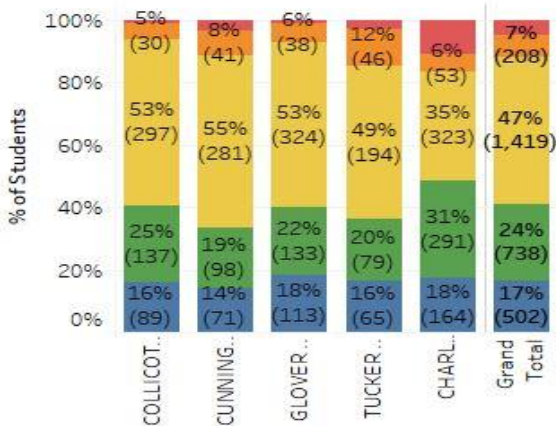
(All) ▾

Overall Relative Placement

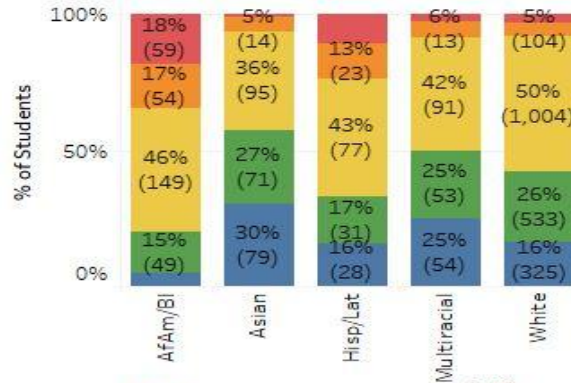
- 3 or More Grade Levels Below
- 2 Grade Levels Below
- 1 Grade Level Below
- Early On Grade Level
- Mid or Above Grade Level

Note: Small sample sizes of subgroups can have outsized impact on the percentages.

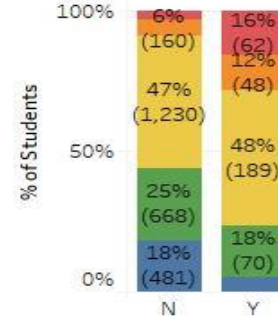
(school)



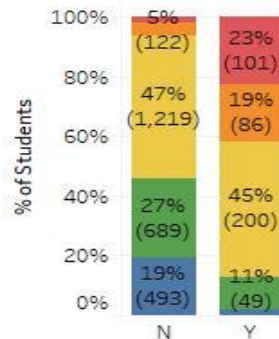
(race)



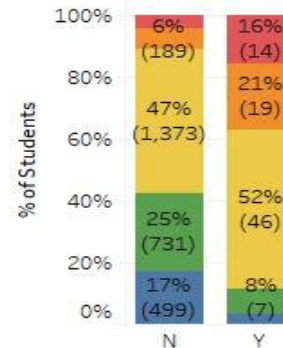
(low income)



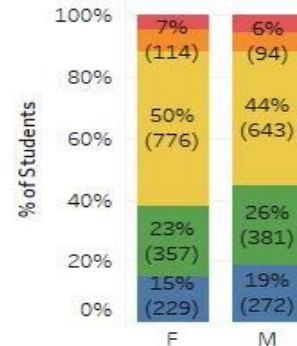
(iep)



(ell)



(gender)



Note: These analyses include grades K-8, because their scoring breaks out in the same grade level placement structure.



What is DIBELS 8?

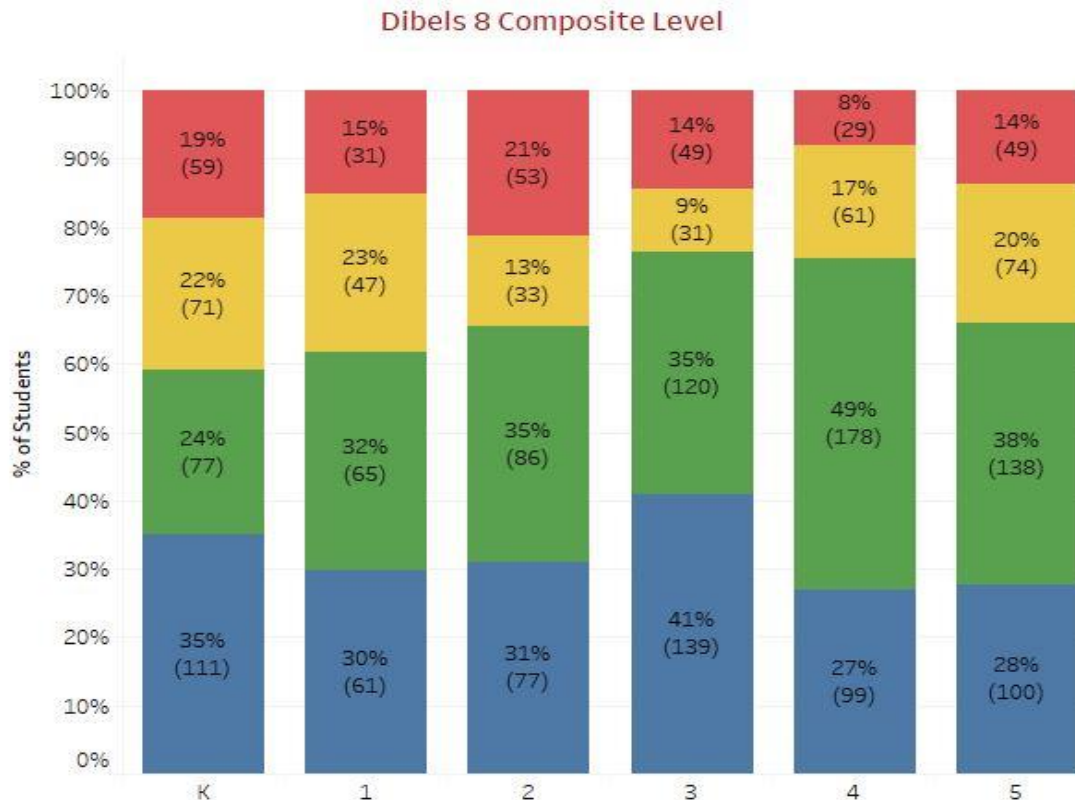
- DIBELS 8th Edition is a **set of short (one-minute) fluency measures** that can be used for universal screening, benchmark assessment, and progress monitoring. They are used to determine if students may be struggling with reading and need additional help.
- The purpose of DIBELS is to **provide educators with benchmarks** for gauging the status and progress of all students. DIBELS subtests measure critical skills and abilities that are necessary for reading success.
 - Subtests include letter-naming fluency (LNF), phonemic segmentation fluency (PSF), nonsense word fluency (NWF), word reading fluency (WRF), oral reading fluency (ORF) and comprehension (MAZE)
- Another purpose of DIBELS is to **monitor student progress**. Progress monitoring is essential for ensuring that students identified for intensive and strategic support actually benefit from this support as intended. Progress monitoring enables interventionists to change and intensify intervention until the desired pattern of improvement is achieved.

K-5 Fall Dibels Reading Performance

 Dibels 8 Reading
2023-24
Fall Assessment

Composite Level

- Well Below Benchmark
- Below Benchmark
- At Benchmark
- Above Benchmark



K-5 Fall Dibels Reading: Subgroups

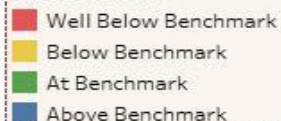


Dibels 8 Reading

2023-24

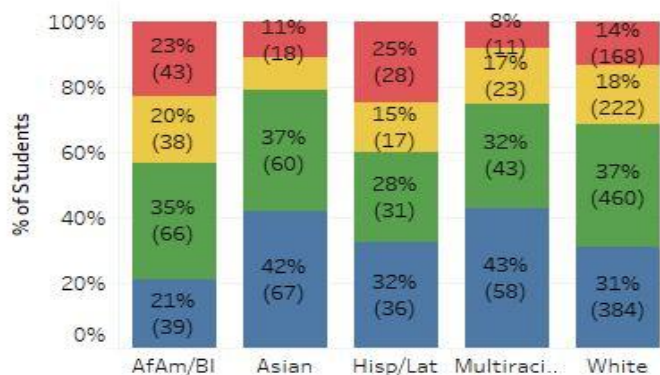
Fall Assessment

Composite Level

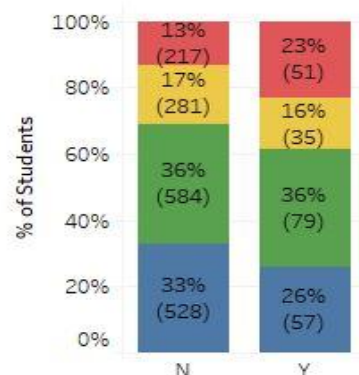


Note: Small sample sizes of subgroups can have outsized impact on the percentages.

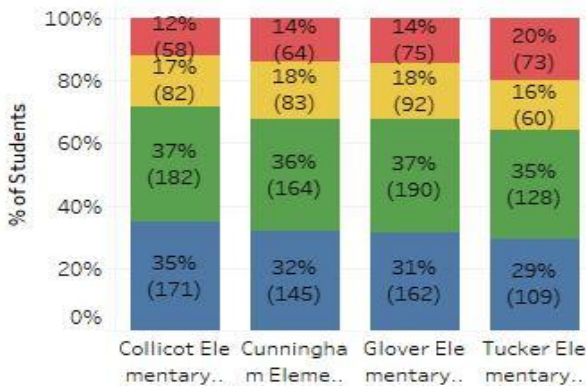
(race)



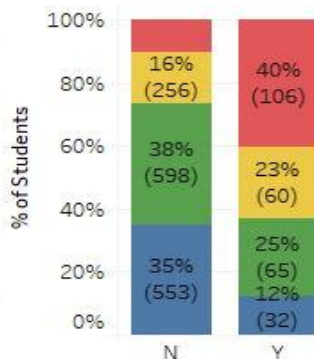
(low inc)



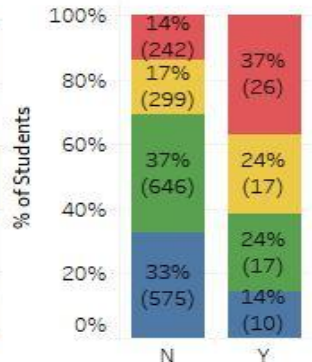
(school)



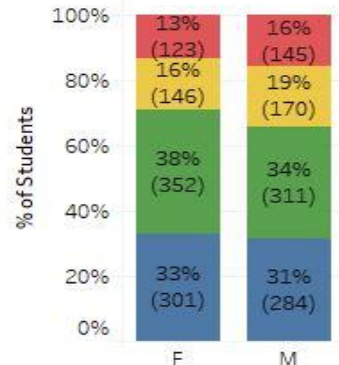
(iep)



(ell)



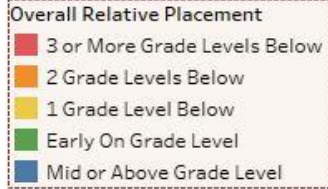
(gender)



6-8 Fall iReady Reading Performance



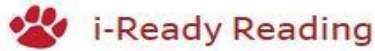
i-Ready Reading
2023-24
Fall Assessment



Pierce - Overall Relative Placement, Reading



6-8 Fall iReady Reading: Subgroups

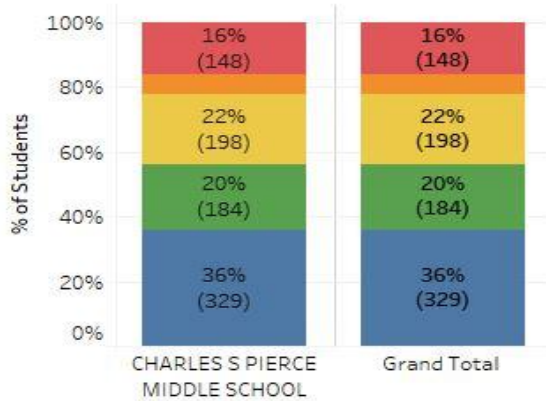


2023-24
Fall Assessment

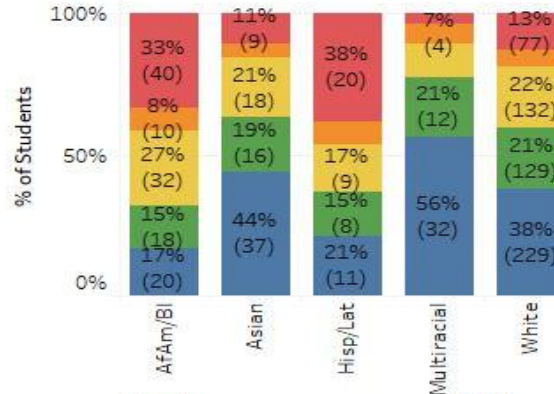


Note: Small sample sizes of subgroups can have outsized impact on the percentages.

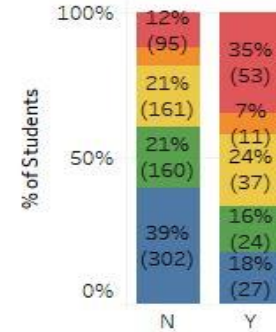
(school)



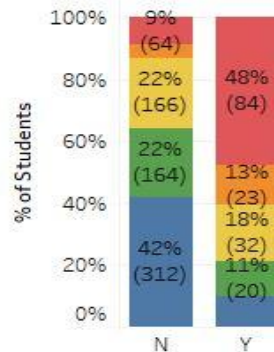
(race)



(low income)



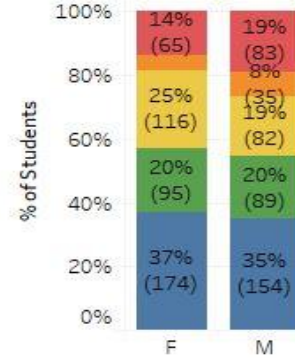
(iep)



(ell)



(gender)



What is IDAPEL?

- IDAPEL is a series of French-language formative measures designed to assess the early literacy skills of students learning to read in French in grades K through 5.
- IDAPEL mirrors Dibels and assesses the fundamental early reading skills of phonemic awareness, alphabetic principle, accuracy and fluency with connected text, and text comprehension.
- Grades 1 and 2 in the French Immersion program are participating in the research release phase IDAPEL is conducting which will ultimately set standardized benchmark goals for immersion French readers.
- This is the first time the French Immersion students will have access to a standardized assessment to help teachers evaluate their students' progress in gaining early literacy skills in French.

Grade 1 Fall IDAPEL



IDAPEL - French

2023-24

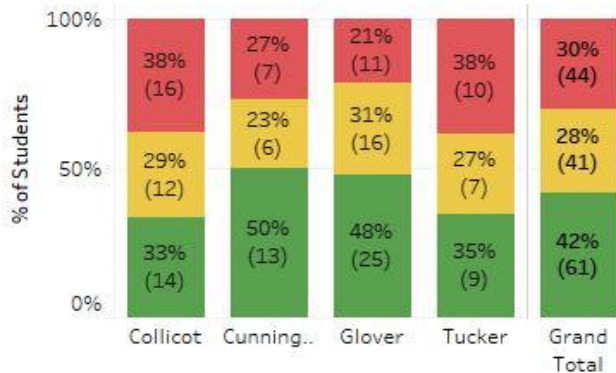
Fall Assessment

Benchmark key

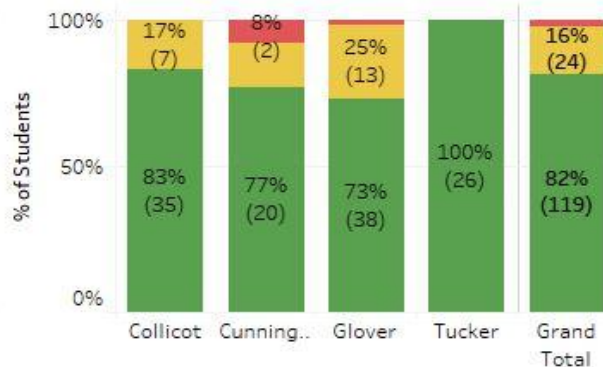
- Well Below Benchmark
- Below Benchmark
- At or Above Benchmark

GRADE 1

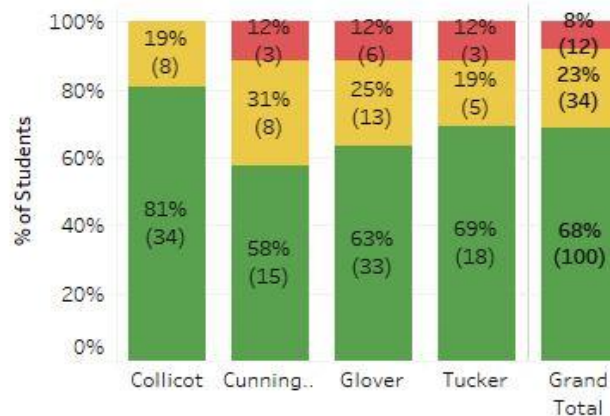
Letter naming fluency



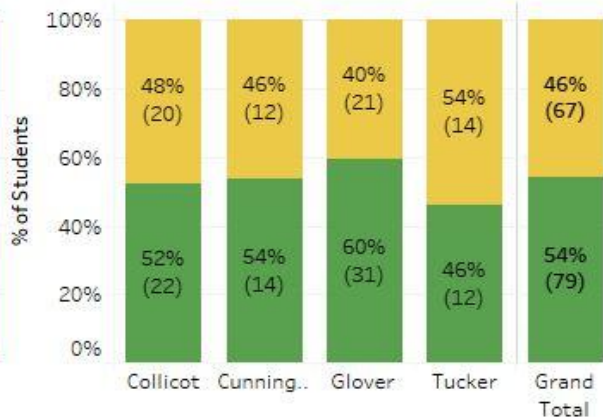
Phonemic segmentation



Nonsense word NSC



Nonsense word NMR



Grade 2 Fall IDAPEL



IDAPEL - French

2023-24

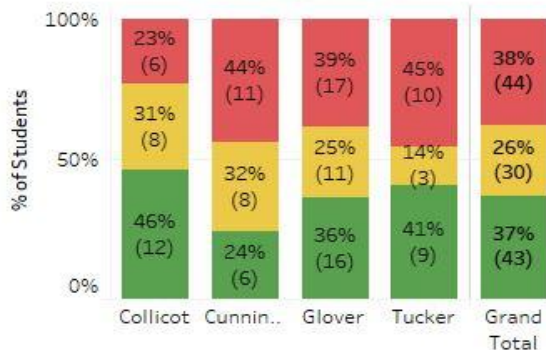
Fall Assessment

Benchmark key

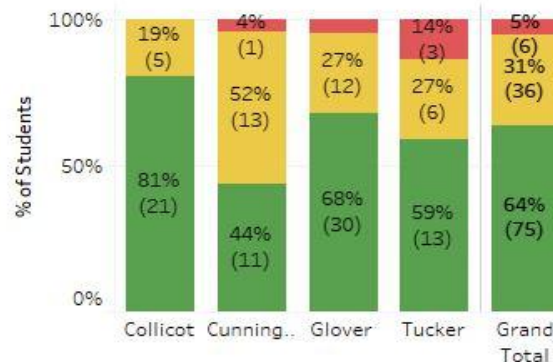
- Well Below Benchmark
- Below Benchmark
- At or Above Benchmark

GRADE 2

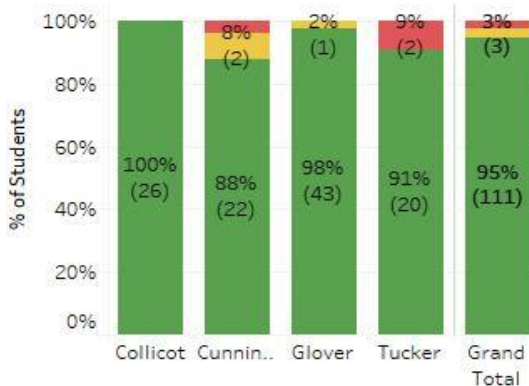
Nonsense word NSC



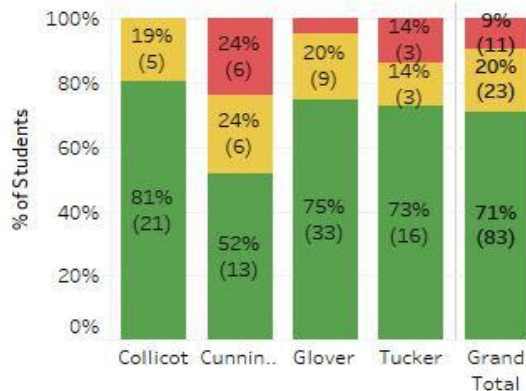
Nonsense word NMR



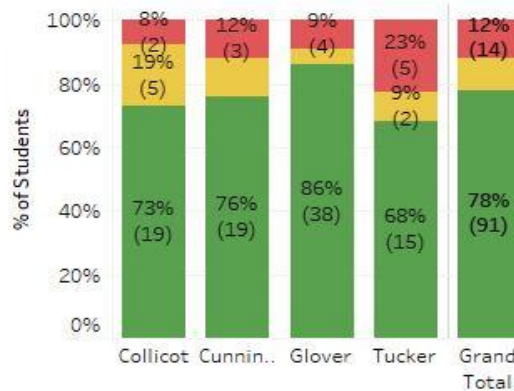
Oral reading fluency



Accuracy



Oral retelling



Next steps by level

Elementary

- **ELA** - DIBELS 8 screener has been used to identify students for tier 2 support both inside and outside the classroom. Progress monitoring with this tool continues to support refinement of focus areas for instruction in literacy. The Boost, platform will launch in January to provide students with individualized lessons based on their benchmark and progress monitoring performance.
- **Math**- Fall i-Ready data has been used as a data point in determining highest priority needs for intervention and classroom teachers have received additional training and support around best practices for utilizing and monitoring the personalized instruction side of the i-Ready platform to maximize student growth between and fall and winter diagnostics. The process of reviewing Spring 2023 MCAS data using individual student, subgroup, and item analysis reports and making adjustments to curriculum and instruction accordingly through CPT is ongoing.
- **Science**- Increased focus on building consistency in science instruction across the district. A team of Grade 4 teachers are collaborating to determine the best approach to unit implementation and assessment of science standards. This work will be used to inform cross-grade practices.

Middle School

- **ELA** - Fall i-Ready diagnostic data has been used to identify students for tier 2 support. Teacher teams also have triangulated this data with MCAS item analysis and Unit Assessments. Students have access to MyPath, the personalized instruction component of iReady, that sequences instruction and content based on student skill levels in reading domains and adjusts with each student's progress toward mastery of new material.
- **Math**- The process of reviewing Spring 2023 MCAS data using individual student, subgroup, and item analysis reports and making adjustments to curriculum and instruction accordingly is ongoing through grade level and department meetings. Fall i-Ready data has been used to identify students for tier 2 support. Teachers supported the most vulnerable student populations (ELL, SPED) have received additional training and support around best practices for utilizing and monitoring the personalized instruction side of the i-Ready platform.
- **Science**- Based on Spring 2023 MCAS data, supporting students on IEPs have been identified as a departmental priority. We are consistently reviewing their performance on common assessments and working to implement supports in the classroom.

High School

ELA, Math & Science

- The process of reviewing Spring 2023 MCAS data using individual student, subgroup, and item analysis reports and making adjustments to curriculum and instruction accordingly is ongoing at all grade levels and course planning and department meetings.
- Curriculum revision and instruction the last two years has been focused on professional development and training to implement personalized learning and UDL (Universal Design for Learning) in all classroom subjects as a strategy to support subgroups.

District

- Powerschool SEL screener and analysis of results along with Vocal data
- Begin to clarify MTSS across the district
 - Reading interventionists
 - Adjustment counseling
 - Student Support Team (SST) model at elementary and secondary levels
- ELL program and leadership
- Nursing support
- Continue to build capacity with personalized learning