

District Data Review - Winter

Prepared for the Curriculum & Instruction Subcommittee of
the School Committee

3/24/2022

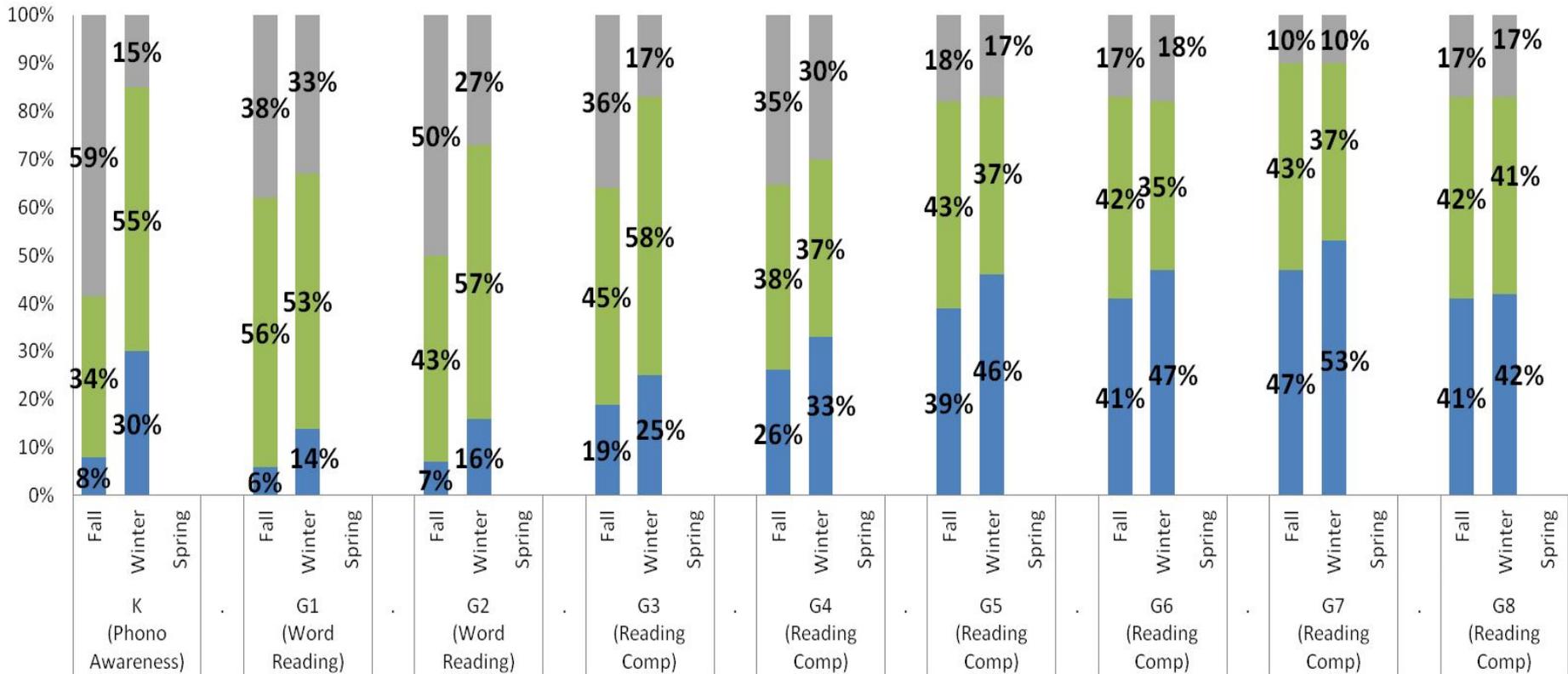
Vy Vu, Director of Data & Analytics

Data Context

- Please be advised that the data presented here is only a “**snapshot in time**” of where our students are at the time the 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.
- The Lexia Rapid ELA assessment is a computer-adaptive, norm-referenced diagnostic evaluation of students’ foundational skills in key reading and language domains. Although it helps teachers to evaluate students’ strengths and gaps in literacy skills, it does not necessarily predict performance on the MCAS, which is a standards-based assessment of the Massachusetts Curriculum Frameworks.
- MPS implemented the iReady Math computer-adaptive, diagnostic assessment in Winter 2020-21 to help us capture how students are learning during the pandemic. iReady has been found to have high correlations with MCAS performance, at least pre-pandemic. We will continue to use this math diagnostic districtwide to give us information on what our students need to proceed to grade-level proficiency in Math.

Lexia Rapid ELA - Fall, Winter, Spring Progression 2021-22

■ Above grade level (>75th %ile)
 ■ On grade level (25th - 75th %ile)
 ■ Below grade level (<25th %ile)





Lexia Rapid ELA 2021-22

Choose Period

Winter 2021 - 2022

Grade 3-8

(Multiple values)

Reading Comprehension

Below grade level (<25th %ile)

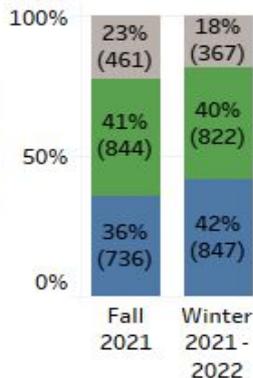
On grade level (25th - 75th %ile)

Above grade level (>75th %ile)

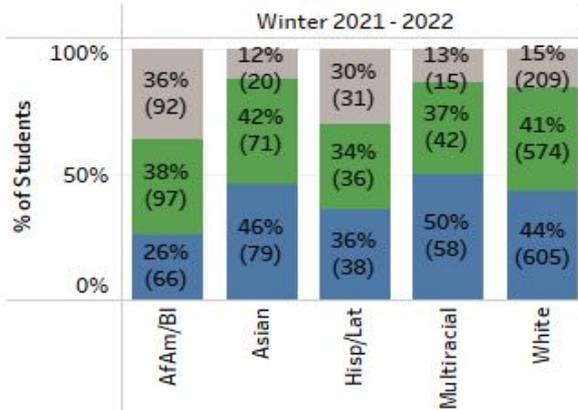
Note: Small sample sizes of subgroups can have outsized impact on the percentages.

Grade 3-8
(Multiple v...)

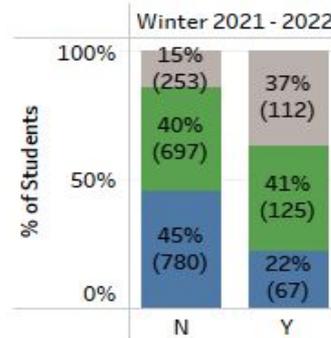
(Time)



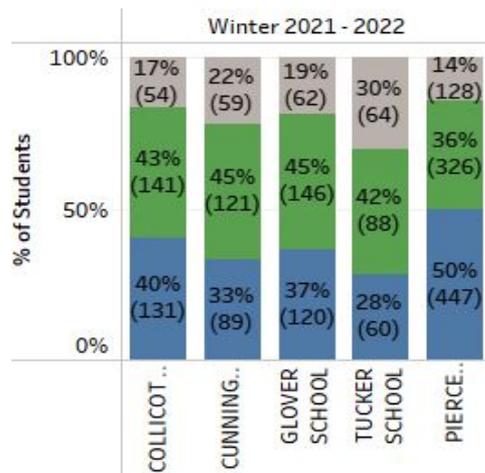
(Race)



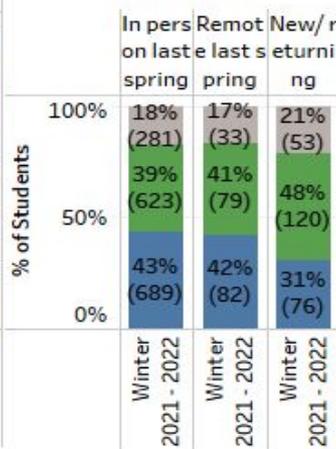
(Low income)



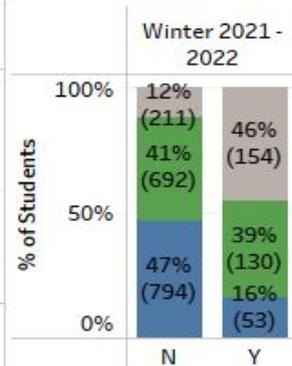
(School)



(Model)



(IEP)



(ELL)



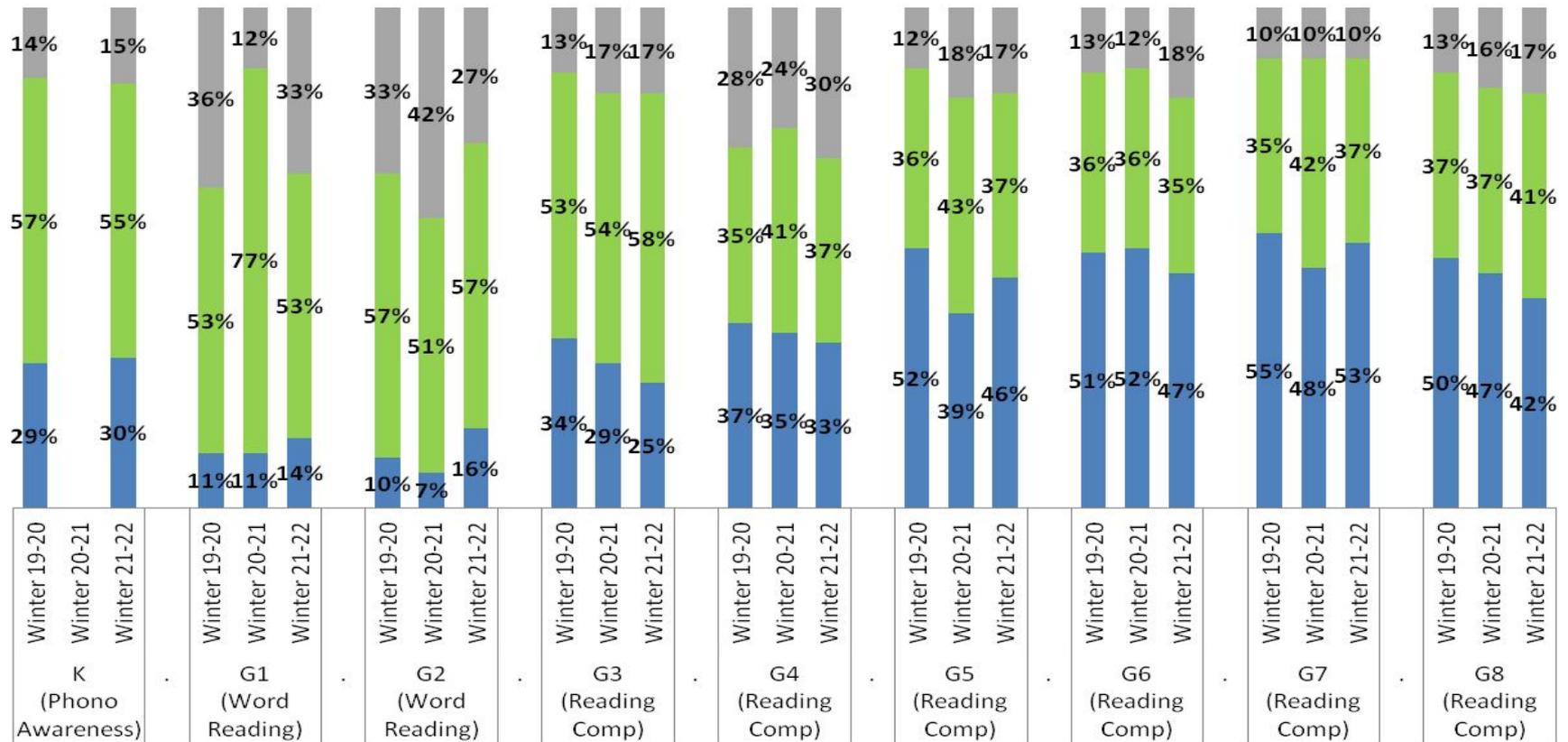
(Gender)



Note: These analyses only consider grades 3-8, because they all take the Reading Comprehension subtest. Grades K-2 do not take this subtest.

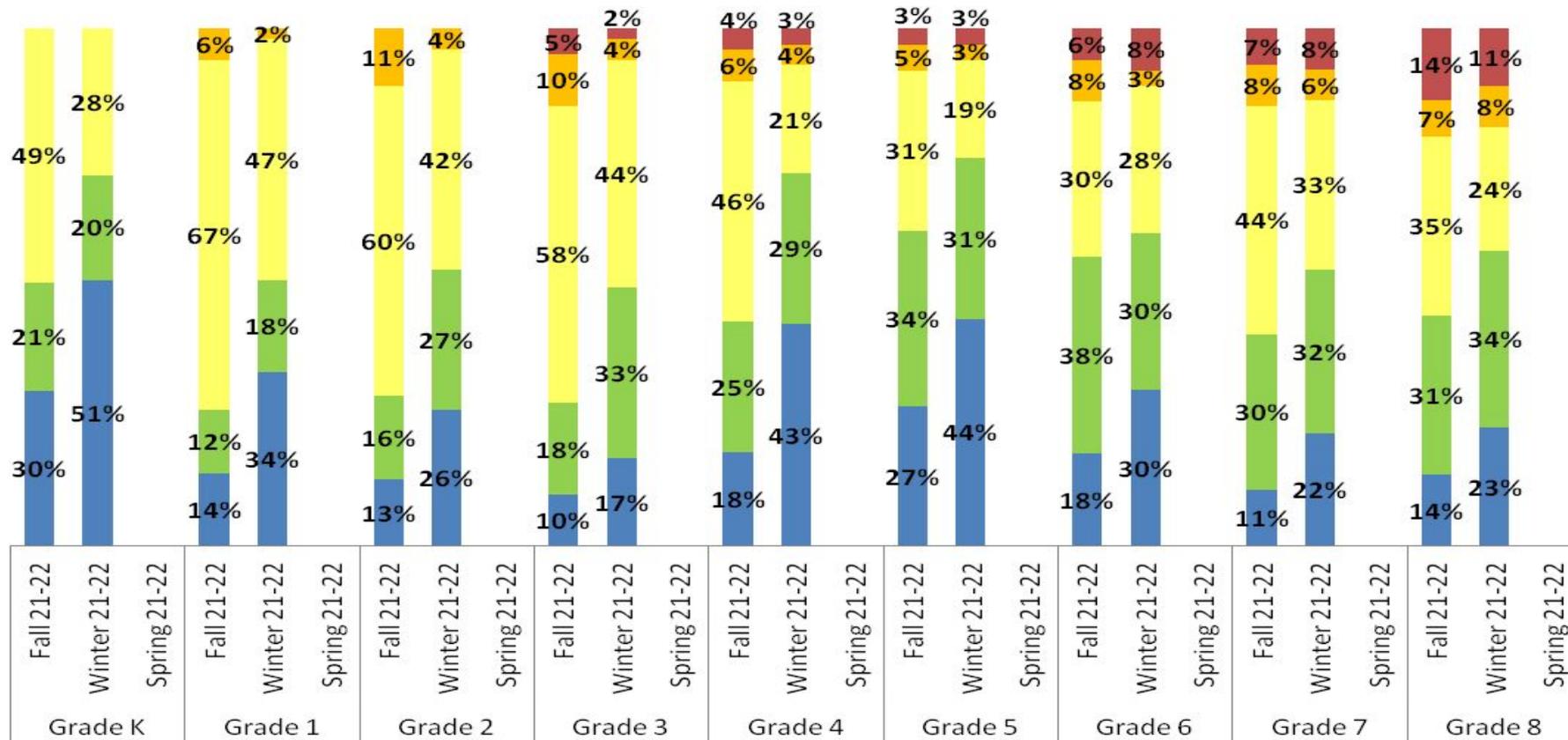
Lexia Rapid ELA - Winters 19-20, 20-21, and 21-22

■ Above grade level (>75th %ile)
 ■ On grade level (25th - 75th %ile)
 ■ Below grade level (<25th %ile)



iReady Math - Fall, Winter, Spring Progression 2021-22

■ Mid on-grade or above
 ■ Early on-grade
 ■ 1 grade below
 ■ 2 grades below
 ■ 3+ grades below





i-Ready Math

2021-22

Winter Assessment

Overall Relative Placement

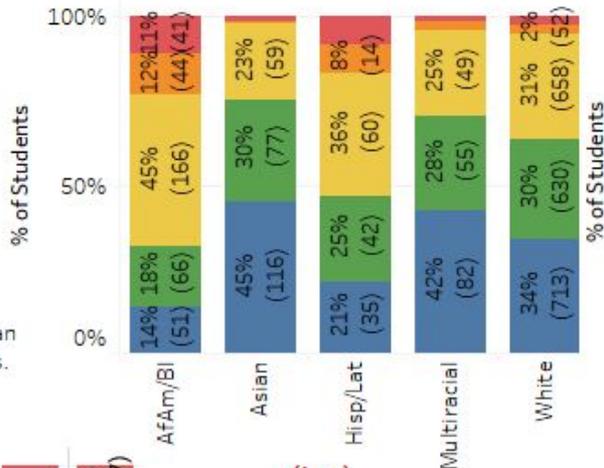
- 3 or More Grade Levels Below
- 2 Grade Levels Below
- 1 Grade Level Below
- Early On Grade Level
- Mid or Above Grade Level

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

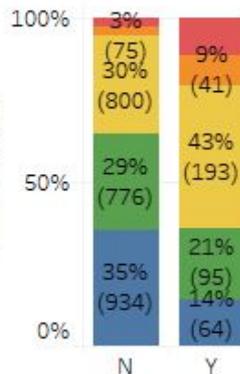
Student Grade K-8

(Multiple values) ▼

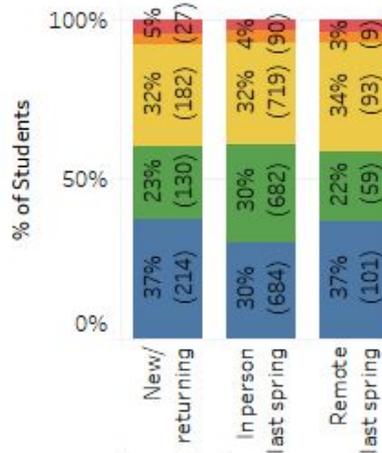
(race)



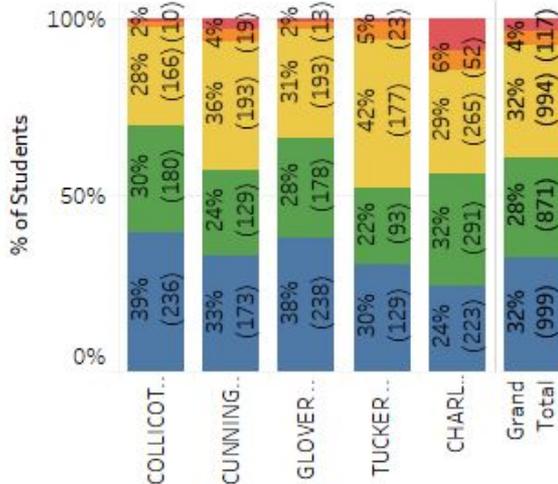
(low income)



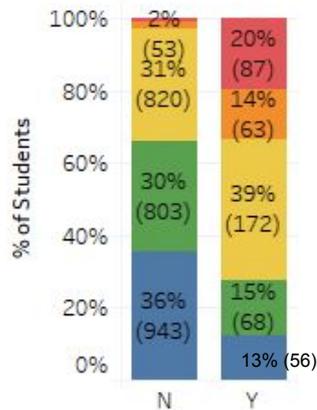
(model)



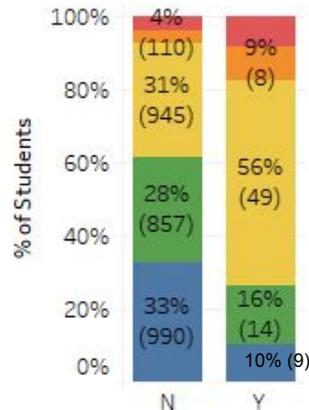
(school)



(iep)



(ell)

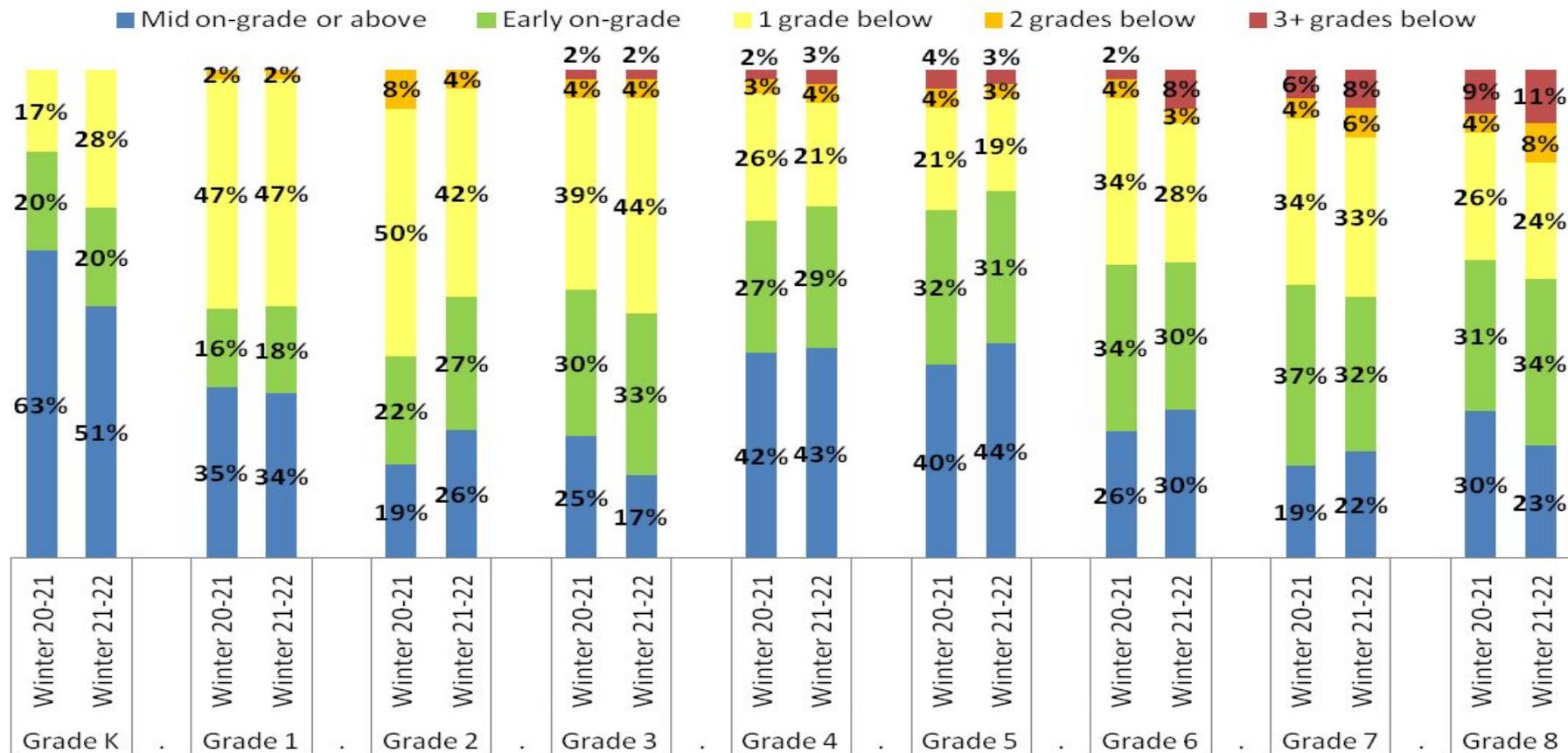


(gender)



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

iReady Math, Winter 20-21 vs. Winter 21-22



Note: iReady Math was first given in the district in Winter 2020-21.

Intellispark/SEL Overall Data Observations - Winter

- The response rate is high at around 80% for the high school and 85% for the middle school. Similarly, in grades 2-5, we had a 84% response rate; in grades K-1, the response rate was 67%.
 - Please note that we are still working with Intellispark to norm the elementary results and reporting categories.
- Across the domains, students in the middle and high schools report being highest in Social Awareness, Belonging, and Engagement in both schools.
 - MHS: 94%, 87%, 84% respectively
 - PMS: 95%, 86%, and 85%
- Students in both these schools report being lower in Self-Management, Self-Awareness, and Connection.
 - MHS: 38%, 64%, 62% respectively
 - PMS: 51%, 66%, and 61%

SEL Overall Data Observations - Winter

- Between last winter and this winter, we see a big improvement in the Relationships domain - both for relationships with adults and relationships with peers.
 - MHS: 50% and 43% scoring “high” respectively last winter; it’s at 73% and 68% this winter
 - PMS: 63% and 51% last winter; 84% and 79% this winter
- Although longitudinal comparison of the data is not supported, we can still appreciate that the Relationships indicators for both schools are substantially higher than what we saw last year for a large part of the student population.

SEL Overall Data Observations - Winter

- At the elementary level, we are still working with preliminary results.
 - No domain scores from the K-1 data due to the concern that some students may not be far enough along developmentally to evaluate themselves accurately. Individual student responses can still be shared with teachers.
 - Data in grades 2-5 will map to 6 SEL “domains” - Self Awareness, Social Awareness, Self Management, Well-being, Relationship Skills and Decision-Making.
 - The Relationship Skills and Decision-Making domains need more questions to determine indicator cut scores.
 - Individual domain scores have been shared with teachers.
 - Overall, the data seems to point out that Self-Management is the domain where the most support is needed.
 - In getting feedback from about 50 of our teachers, the majority (85%) see alignment between the survey results and their own observations of students in the classroom.
 - We look forward to doing a second round of the screener in May that would give us more information about the two remaining domains (Relationship Skills and Decision-Making).