

# NWEA MAP Analysis 2021-22 Fall

For UMCS Staff  
November 2021

# NWEA MAP Background

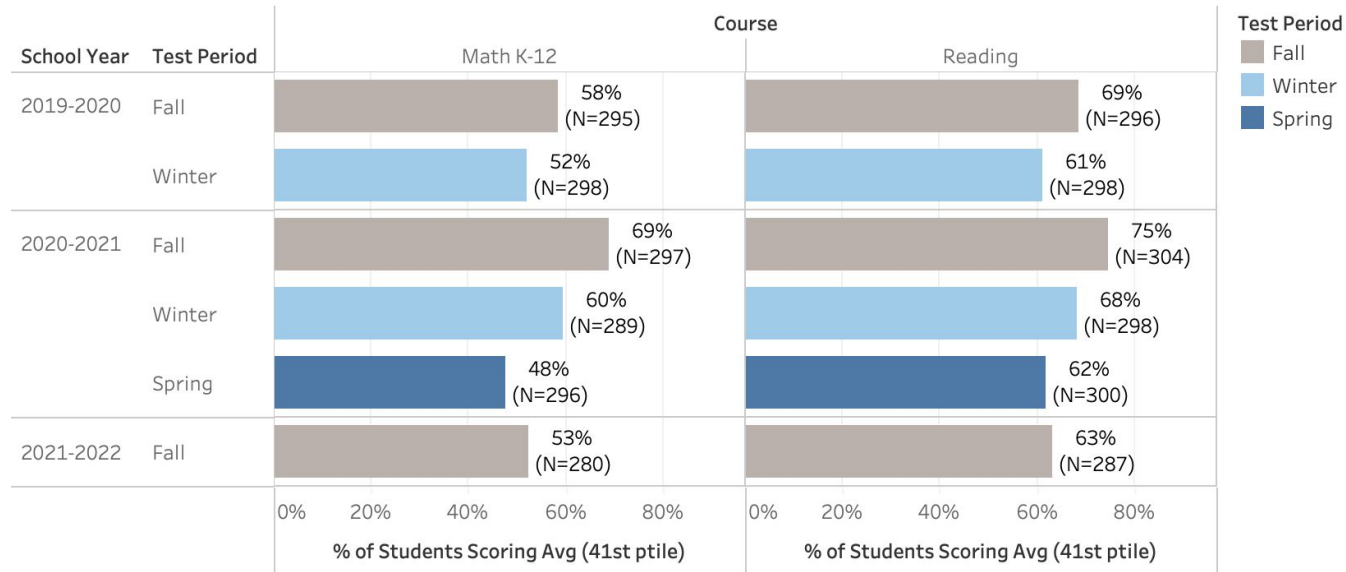
- NWEA MAP is computer adaptive assessment
- Usually administer 3x per year in Math, Reading
  - 2019-20 administered 2x/year due to COVID
  - 2020-21 didn't give Language Usage in winter to limit testing fatigue
- National norm-referenced assessment, not criterion-referenced
  - Norms changed in 2020-21 and applied retroactively to 2019-20 data
- Students receive various scores
  - RIT score - tells teacher what student is ready to learn
  - Percentile rank - student's national percentile rank based on subject, grade, and test period. 50th ptile is the median and proxy for being on grade-level/proficient; 41st is cutoff for Average
  - Met growth target - each student has a growth target based on their subject, grade, and starting point. This indicates if their actual growth was greater than or equal to their growth target
  - Growth percentile rank - student's national percentile rank for their growth (50th = median)

# UMCS NWEA MAP Results

- 53% of students scored Average or above in Math
- 63% of students scored Average or above in Reading

NWEA MAP: Percent of Students Scoring Average or Above Over Time

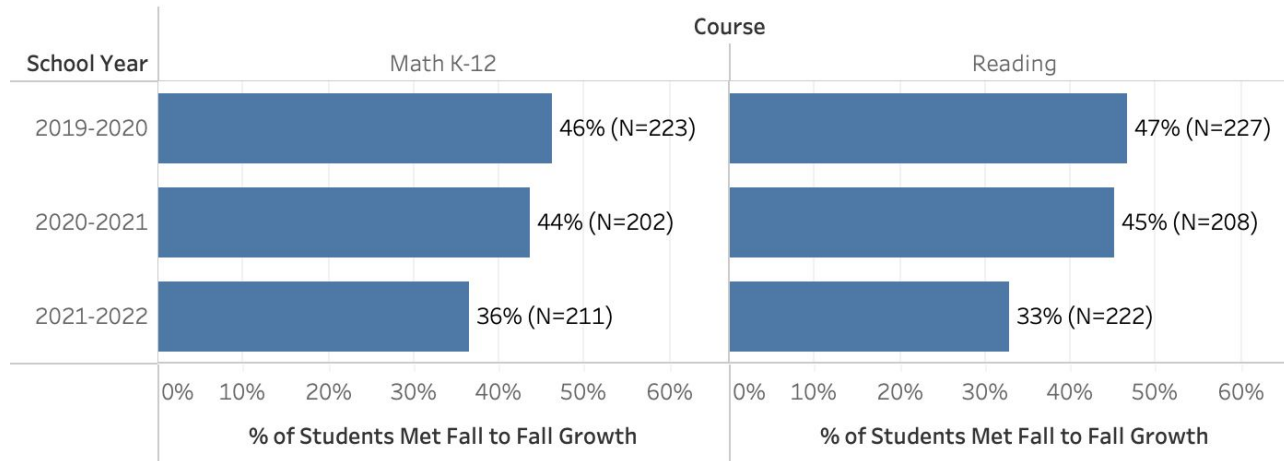
Note: Students who scored at or above 41st percentile are considered Average.



# UMCS NWEA MAP - Growth

- 36% of students met growth targets in Math
- 33% of students met growth targets in Reading

NWEA MAP: Percent of Students Meeting Fall to Fall Growth Targets Over Time

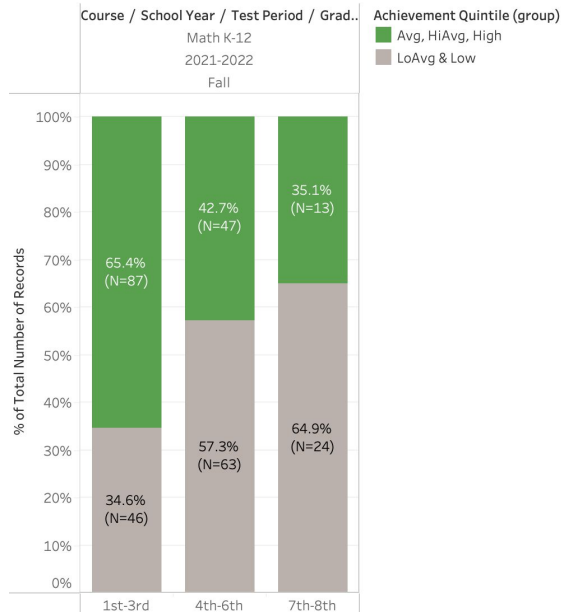


# Math detail

# Math Results by Grade Band

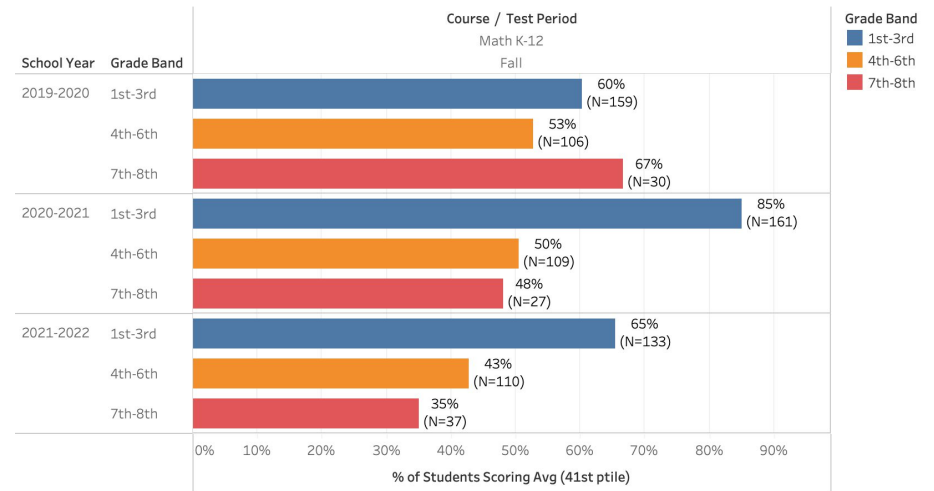
- Students in upper grades, especially 7th-8th, are scoring at levels much below pre-pandemic results

2021-2022 NWEA MAP Math K-12 - Achievement Levels by Grade Band



NWEA MAP: Percent of Students Scoring Average or Above Over Time

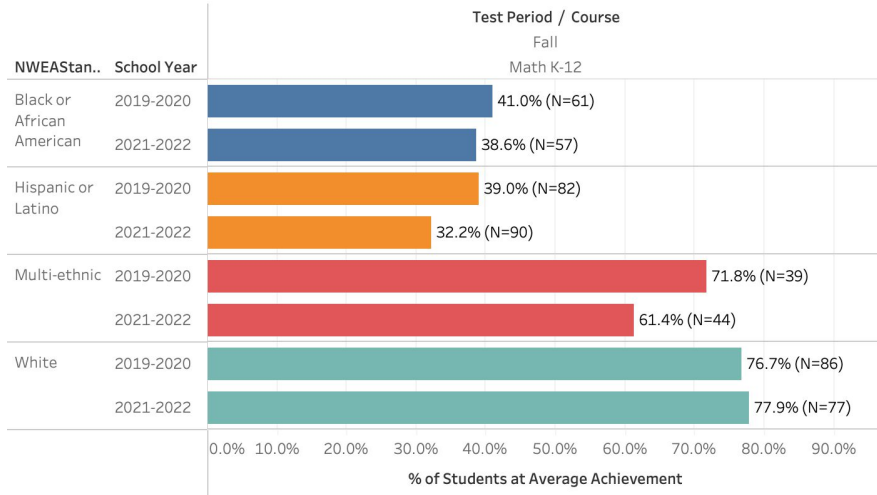
Note: Students who scored at or above 41st percentile are considered Average.



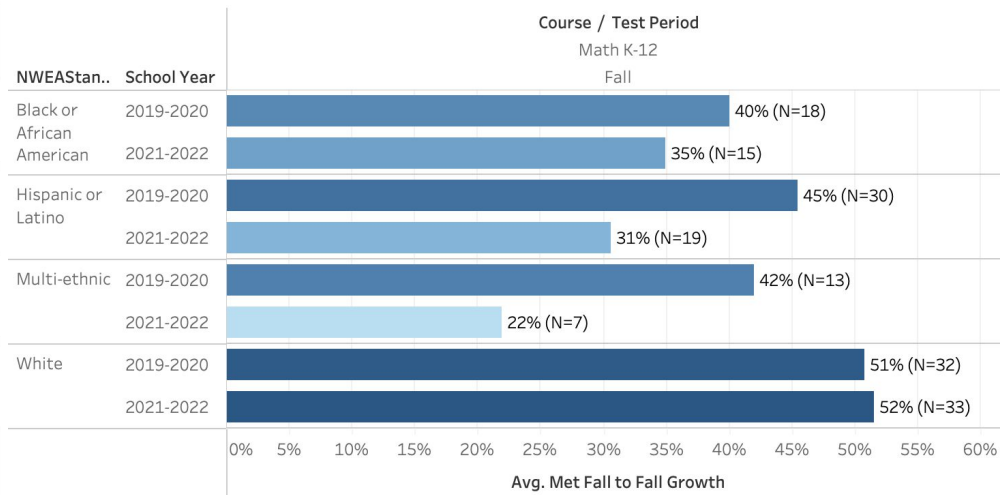
# NWEA MAP Math Results by Ethnicity

- Looking at achievement levels and growth pre-pandemic to now, Hispanic/Latino and Multi-ethnic student groups have seen biggest drops

2019-2020 & 2021-2022 NWEA MAP Math K-12 - Achievement Levels by Ethnicity



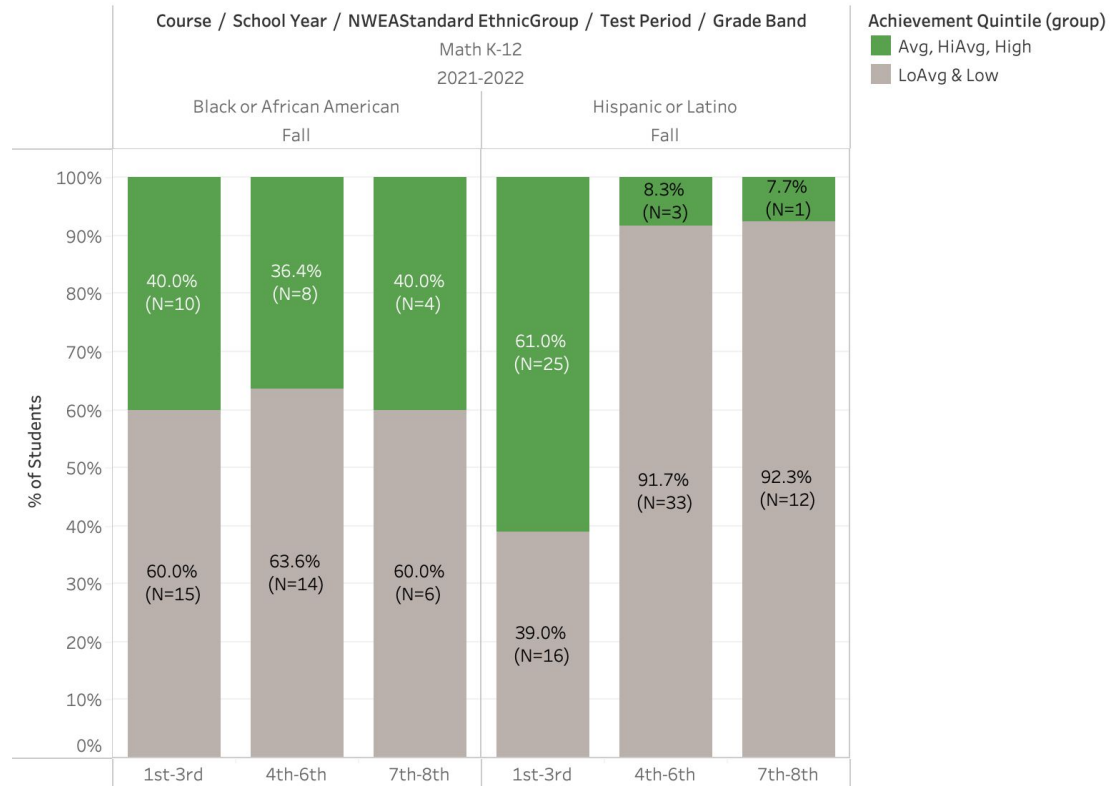
NWEA MAP Math K-12: Percent of Students Meeting Growth Targets by Race/Ethnicity



Note: Due to limited number of students, not all race/ethnicity groups are shown.

# Math Results for Key Subgroups

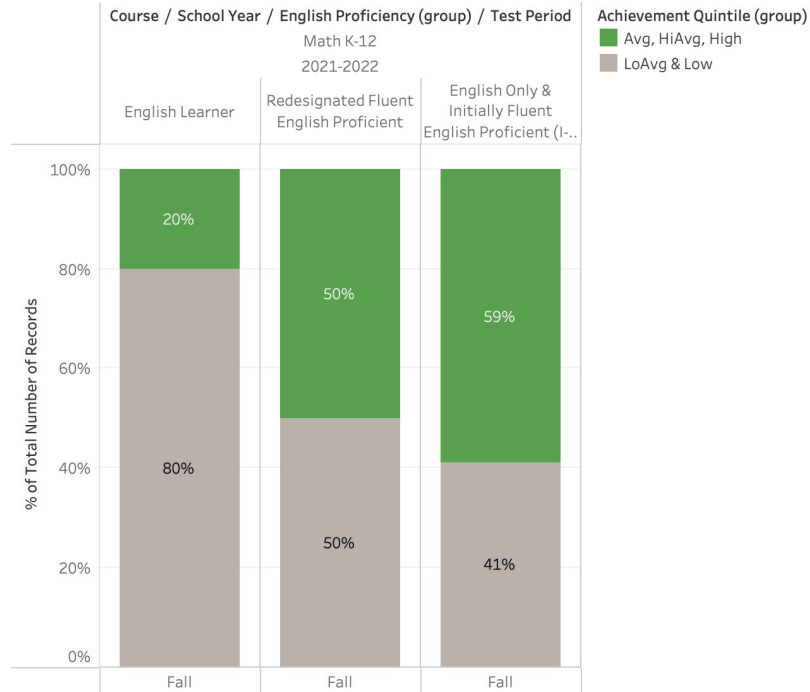
2021-2022 NWEA MAP Math K-12 - Achievement Levels for Key Subgroups





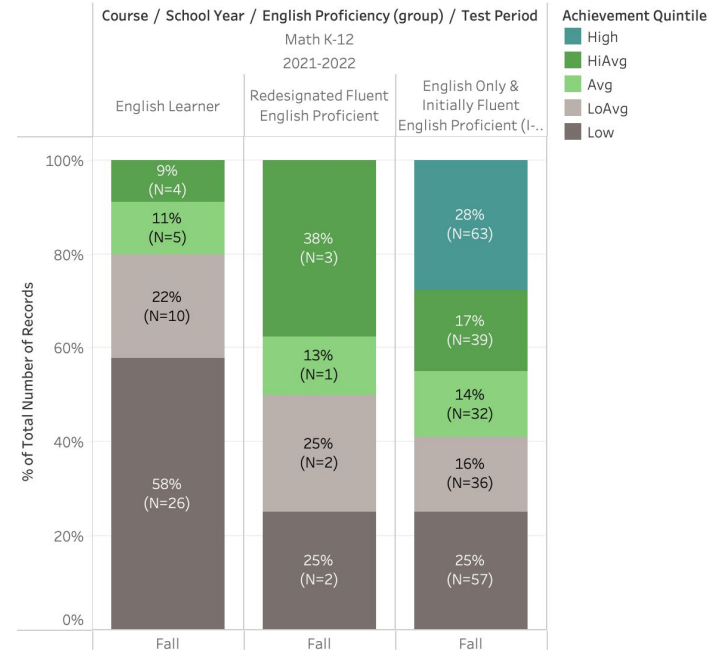
# Math Results by EL Status

2021-2022 NWEA MAP Math K-12 - Achievement Levels by English Proficiency Status



Notes: Avg includes students scoring 41-60th percentile, HiAvg is 61-80th, and High is 81st percentile and above.

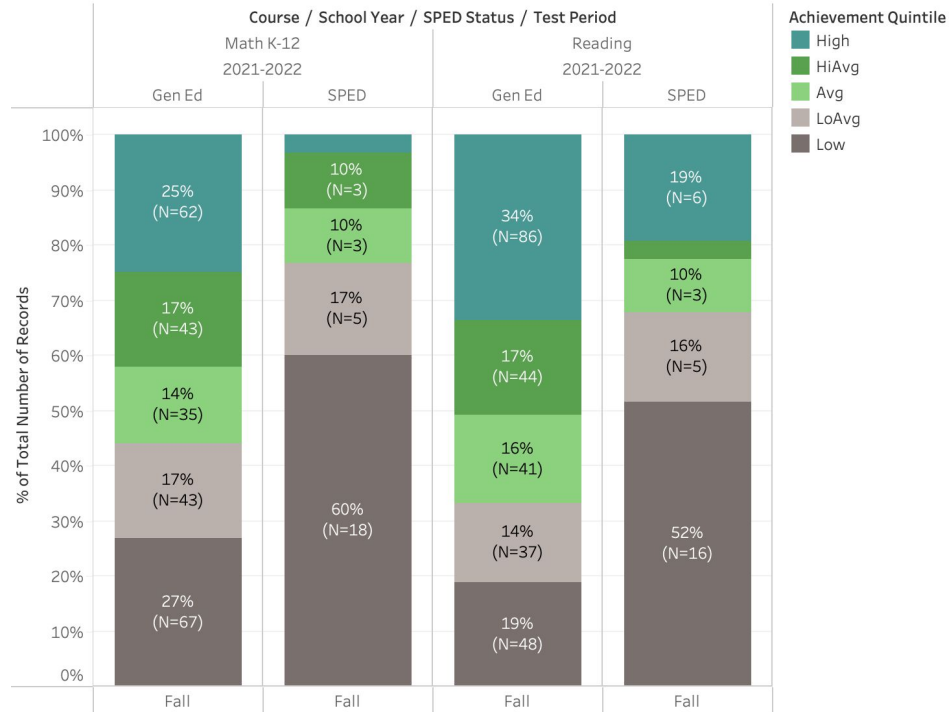
2021-2022 NWEA MAP Math K-12 - Achievement Levels by English Proficiency Status



Notes: Avg includes students scoring 41-60th percentile, HiAvg is 61-80th, and High is 81st percentile and above.

# Math Results for Special Education Students

2021-2022 NWEA MAP All - Achievement Levels by SPED Status



Notes: Avg includes students scoring 41-60th percentile, HiAvg is 61-80th, and High is 81st percentile and above.

# Reflections

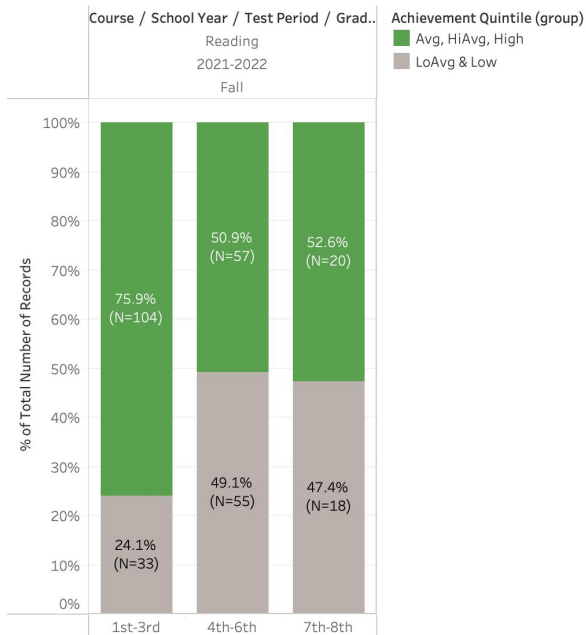
- What resonates based on what you've observed and other data? What surprises you?
- Should any resources or instructional plans be reconsidered as a result of these data? If so, how? If not, why not?
- How might we accelerate growth to achieve 60% of students meeting growth targets in winter?
- How can you dig into these results with teachers to identify priority areas and students in need of additional support?

# Reading detail

# Reading Results by Grade Band

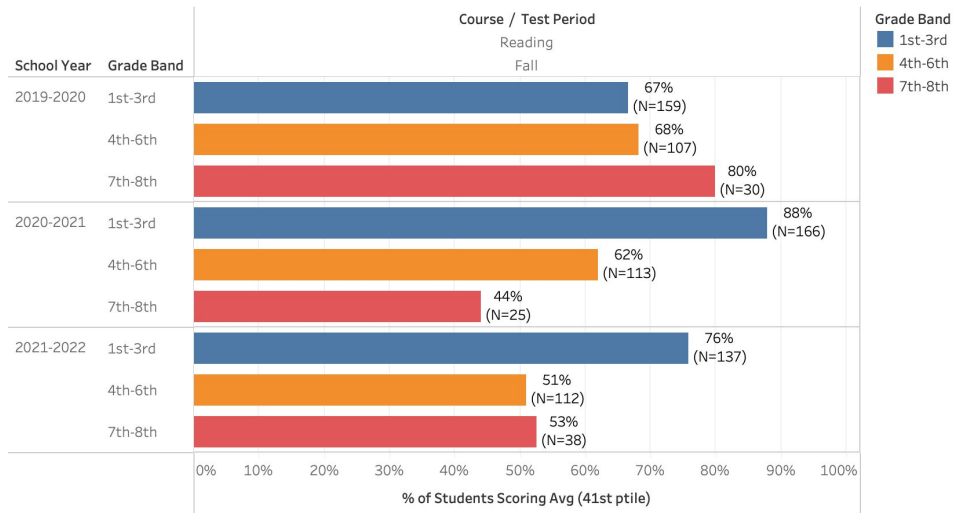
- Students in upper grades, especially 7th-8th, are scoring at levels much below pre-pandemic results in Reading

2021-2022 NWEA MAP Reading - Achievement Levels by Grade Band



NWEA MAP: Percent of Students Scoring Average or Above Over Time

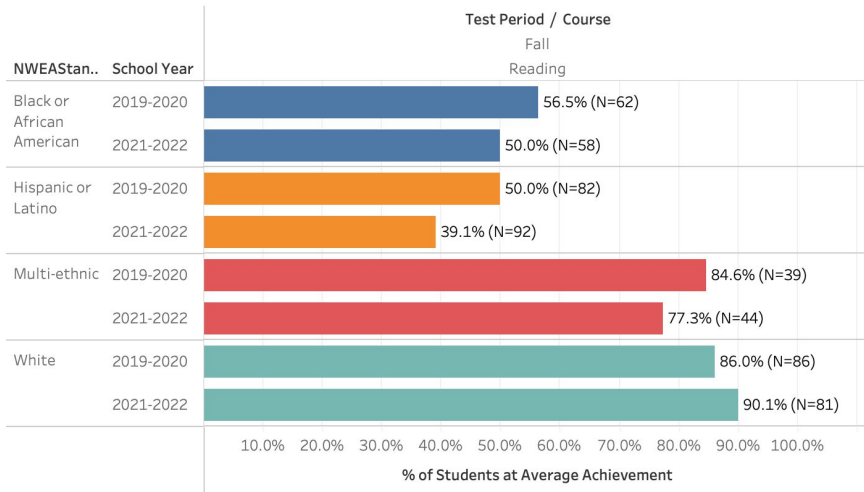
Note: Students who scored at or above 41st percentile are considered Average.



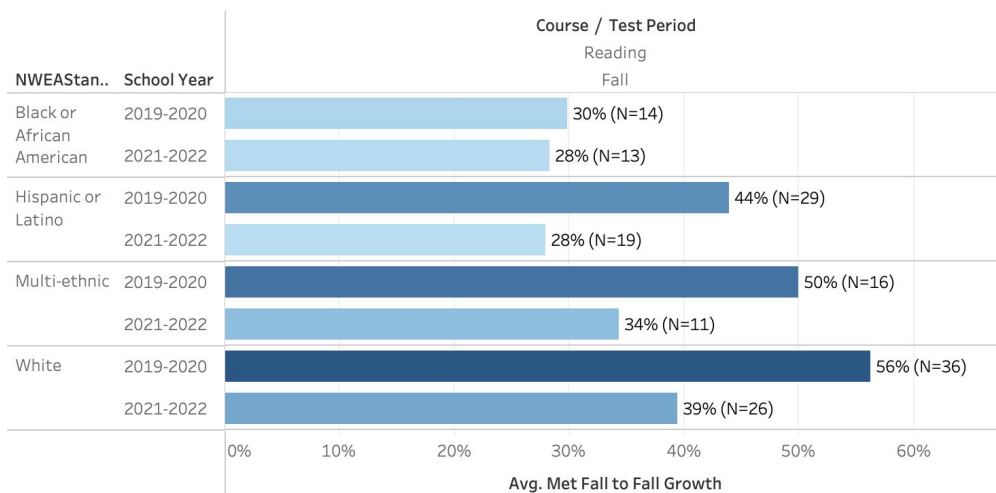
# NWEA MAP Reading Results by Ethnicity

- Looking at achievement levels and growth pre-pandemic to now, Hispanic/Latino students have seen biggest drops

2019-2020 & 2021-2022 NWEA MAP Reading - Achievement Levels by Ethnicity



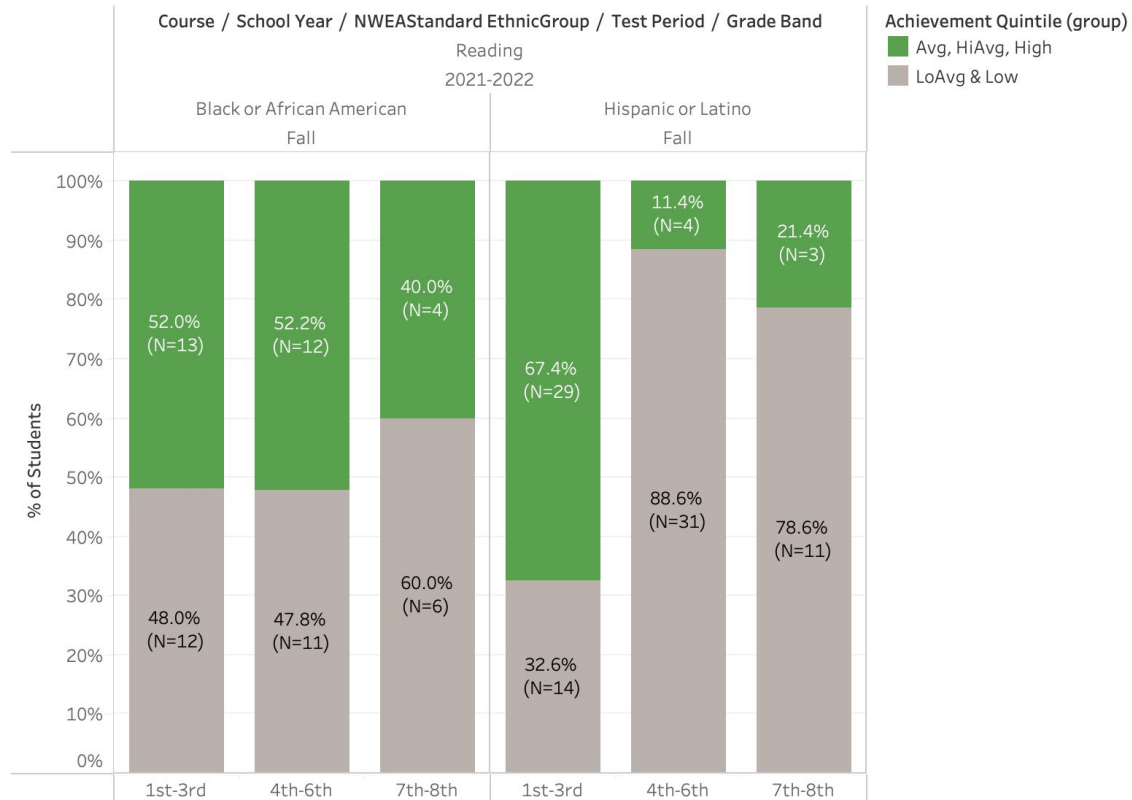
NWEA MAP Reading: Percent of Students Meeting Growth Targets by Race/Ethnicity



Note: Due to limited number of students, not all race/ethnicity groups are shown.

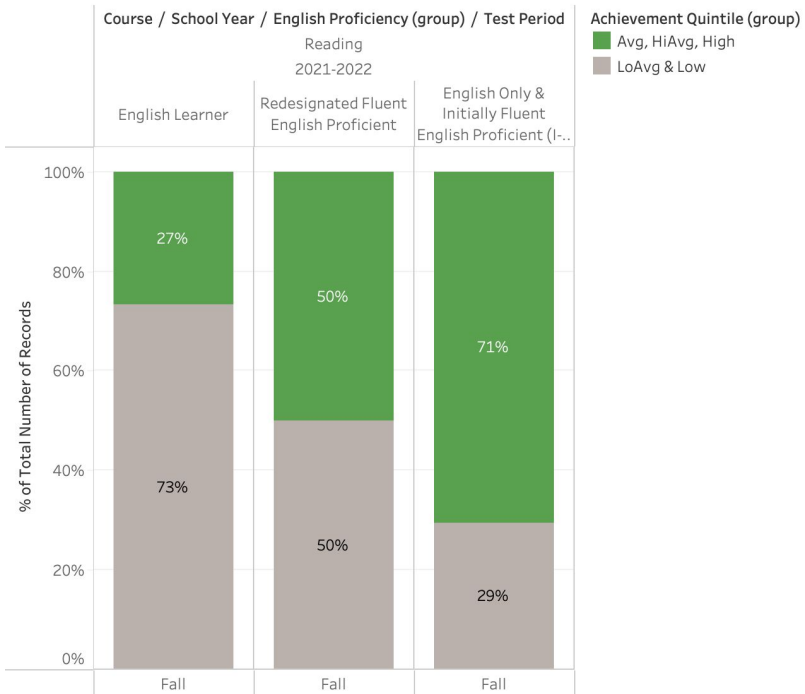
# Reading Results for Key Subgroups

2021-2022 NWEA MAP Reading - Achievement Levels for Key Subgroups



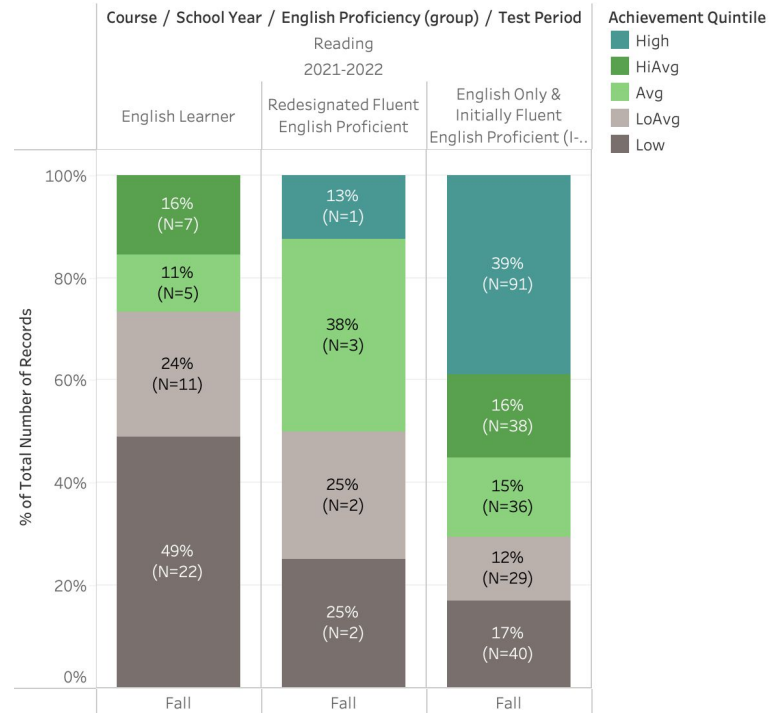
# Reading Results by EL Status

2021-2022 NWEA MAP Reading - Achievement Levels by English Proficiency Status



Notes: Avg includes students scoring 41-60th percentile, HiAvg is 61-80th, and High is 81st percentile and above.

2021-2022 NWEA MAP Reading - Achievement Levels by English Proficiency Status

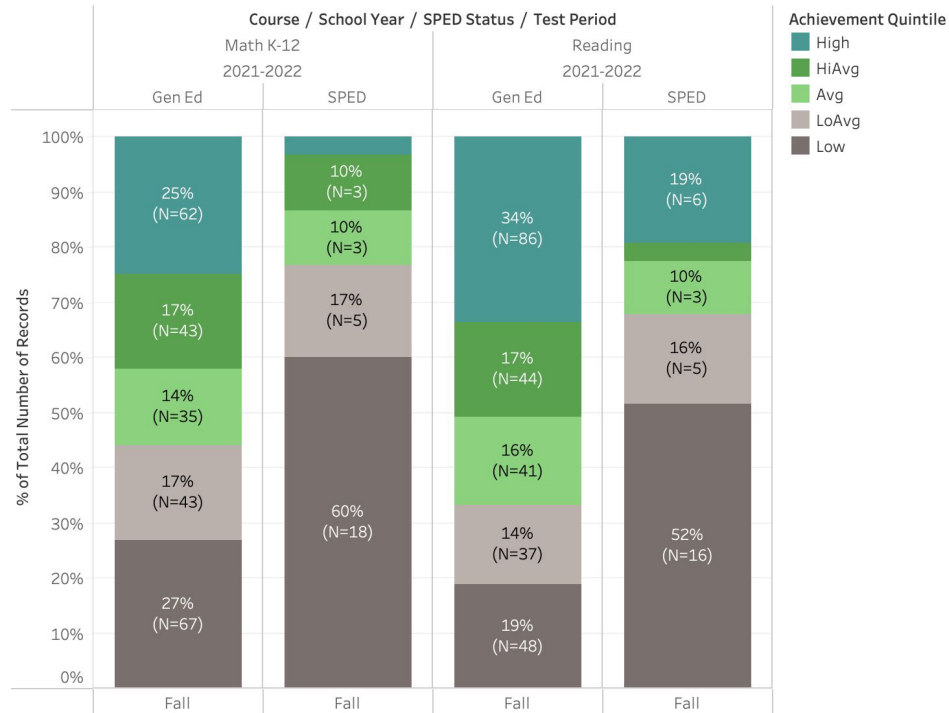


Notes: Avg includes students scoring 41-60th percentile, HiAvg is 61-80th, and High is 81st percentile and above.



# Reading Results for Special Education Students

2021-2022 NWEA MAP All - Achievement Levels by SPED Status



Notes: Avg includes students scoring 41-60th percentile, HiAvg is 61-80th, and High is 81st percentile and above.

# Reflections

- What resonates based on what you've observed and other data? What surprises you?
- Should any resources or instructional plans be reconsidered as a result of these data? If so, how? If not, why not?
- How might we accelerate growth to achieve 60% of students meeting growth targets in winter?
- How can you dig into these results with teachers to identify priority areas and students in need of additional support?

Thank you