

# NWEA MAP Analysis 2021-22 Fall

For UMCS Board  
December 2021

*Note: This is a subset of data presented at Academic Committee in November.*

# NWEA MAP Background

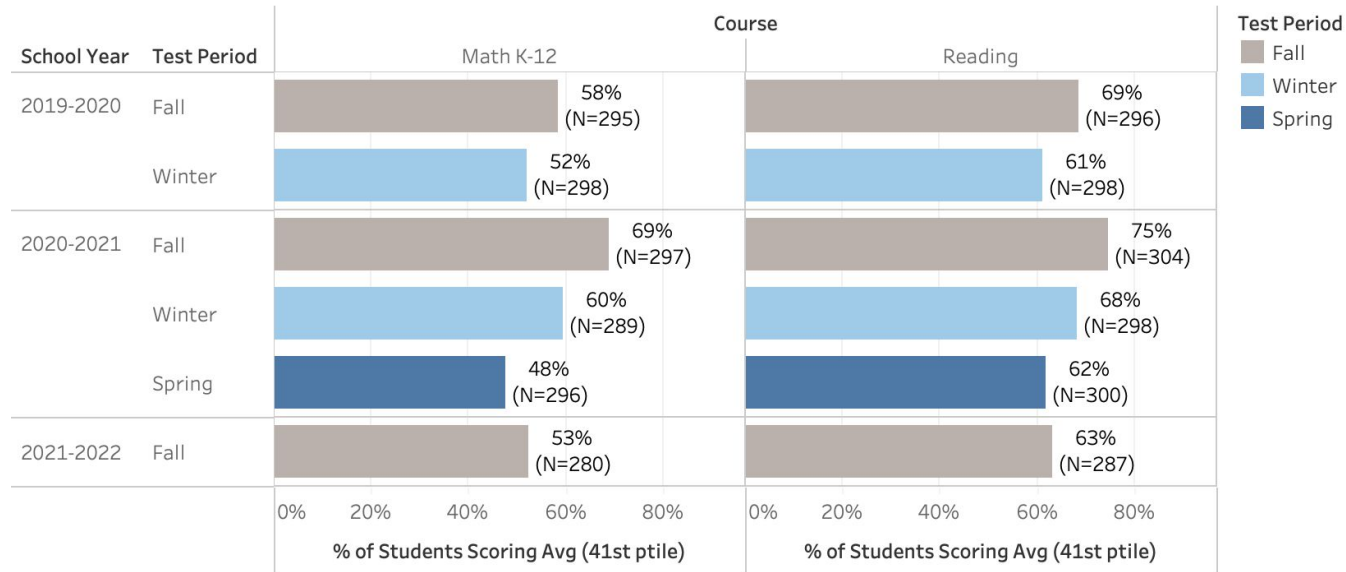
- NWEA MAP is computer adaptive assessment
- Usually administer 3x per year in Math, Reading
  - 2019-20 administered 2x/year due to COVID
  - 2020-21 didn't give Language Usage in winter to limit testing fatigue
  - Solid testing times (proxy for engagement), around 50-60 minutes
- National norm-referenced 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.

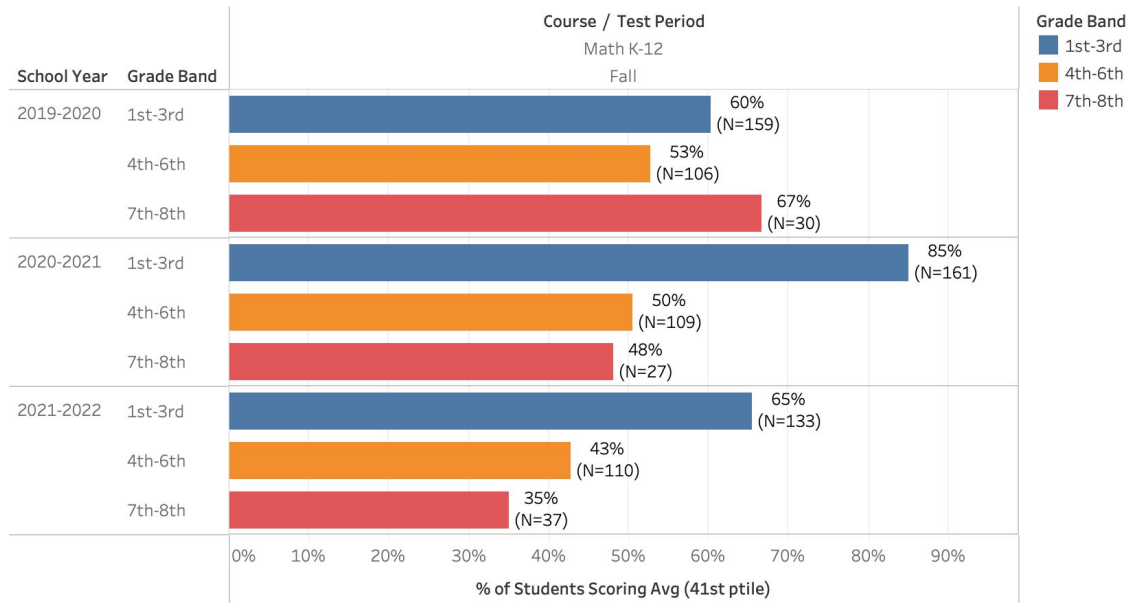


# Math Results by Grade Band

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

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

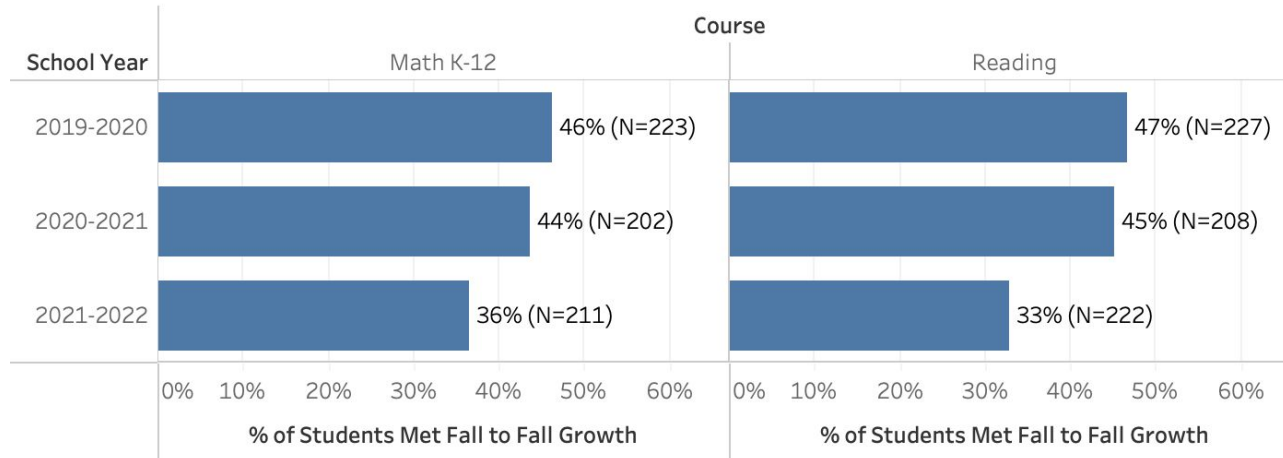
Note: Students who scored at or above 41st percentile are considered Average.



# UMCS NWEA MAP - Growth

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

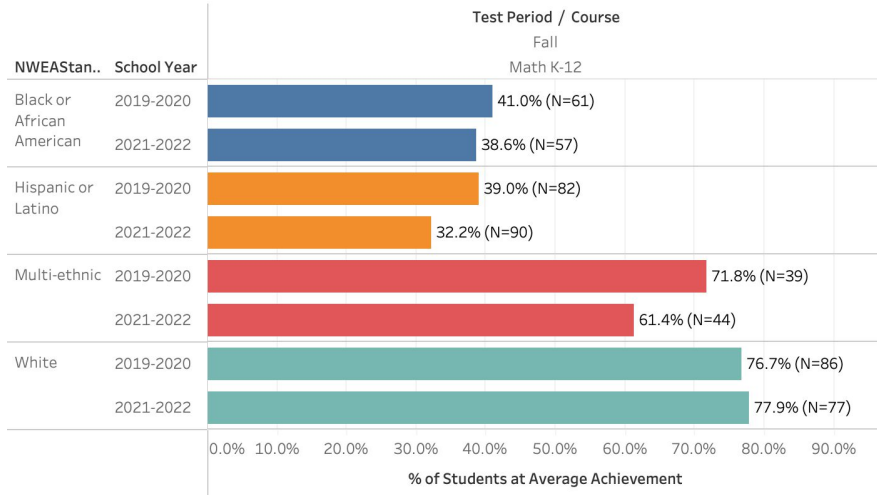
NWEA MAP: Percent of Students Meeting Fall to Fall Growth Targets Over Time



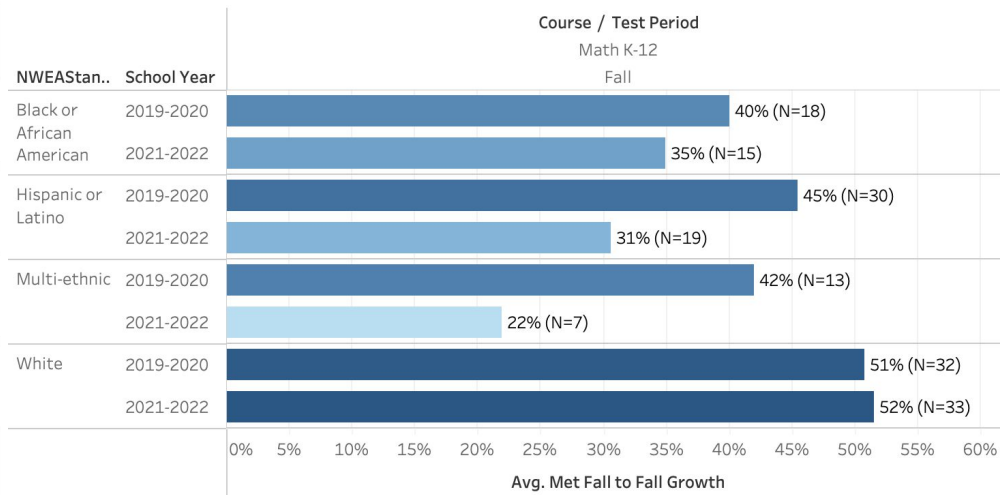
# NWEA MAP Math Results by Ethnicity

- 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.

# Reflections

- Recognize pandemic has been hard for students, especially older ones
- Discussing with teachers and using in planning
- Share with students, engage them in goal setting
- Continuing with instructional plans; good work happening in classrooms
- Will assess in winter and analyze growth trends