

NWEA MAP Analysis 2020-21 Winter

For UMCS Board
February 2021

NWEA MAP Background

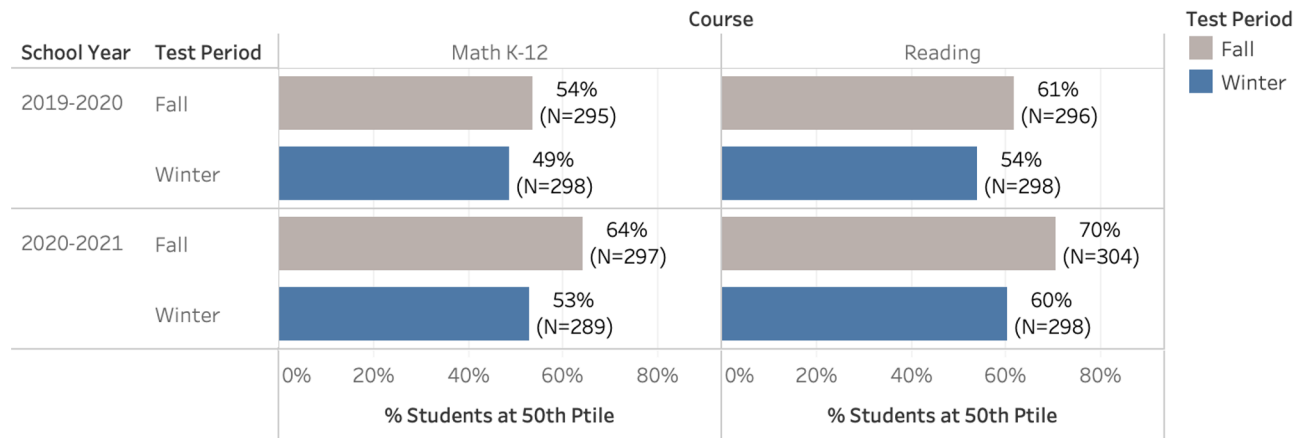
- NWEA MAP is computer adaptive assessment
- Usually administer 3x per year in Math, Reading
 - 2019-20 administered 2x/year due to COVID
 - 2020-21 didn't give Language Usage in winter to limit testing fatigue
- National norm-referenced assessment, not criterion-referenced
 - Norms changed in 2020-21 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

- Winter results are stronger in Reading (60%) than Math (53%)
 - Consistent trend
- Both Math and Reading have stronger results compared to winter 19-20
 - Math +4 percentage pts, Reading +6 pts
- Both Math and Reading had larger drops from fall this year than in 2019-20
 - -11 pts vs. -5 in Math; -10 pts vs. -7 Reading

NWEA MAP: Percent of Students Proficient 2019-2020 and 2020-2021

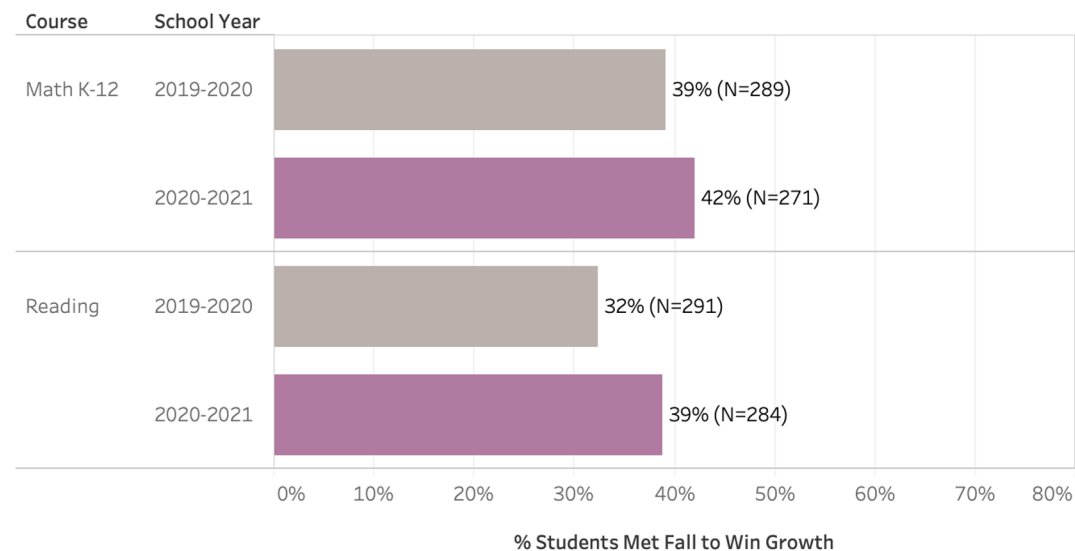
Note: Students who scored ≥ 50 th percentile rank are considered proficient.



NWEA MAP - Growth

- Math fall-to-winter growth is stronger than last winter, with 42% of students achieving growth targets
- Reading fall-to-winter growth is stronger than last winter, with 39% of students achieving growth targets
- Growth in both subjects is lower than national average (50%)

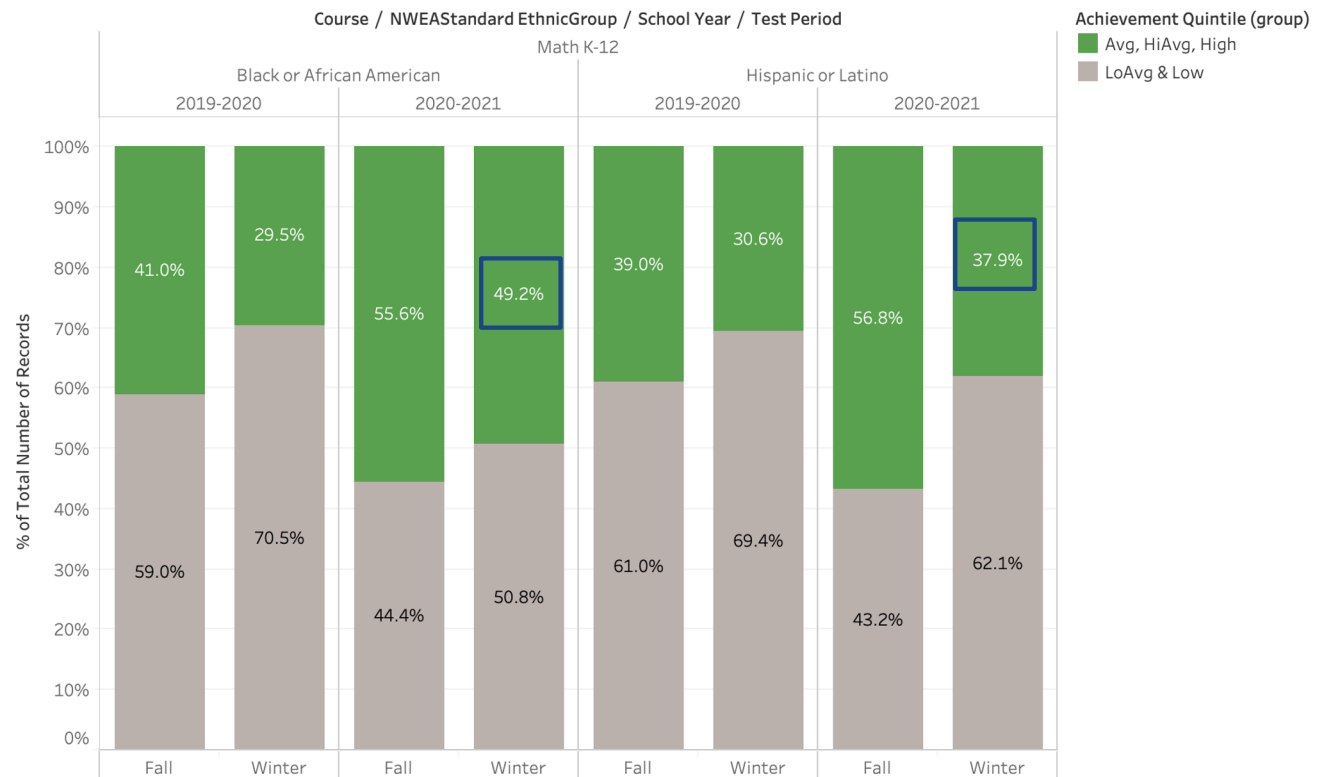
NWEA MAP: Percent of Students Meeting Fall to Winter Growth Targets 2019-20 and 2020-21



NWEA MAP Math Achievement by Ethnicity

- 49.2% of Black students scored Average or above
 - +20 pt from 19-20
- 37.9% of Latinx students scored Avg or above
 - +7 pts from 19-20

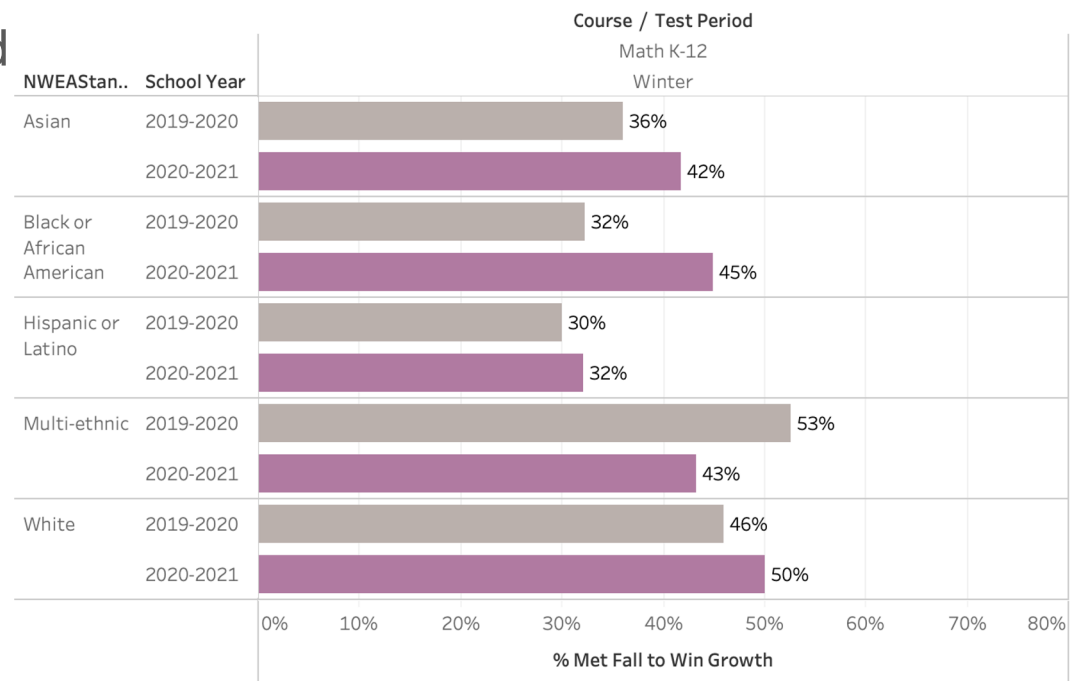
All NWEA MAP Math K-12 - Achievement Levels for Key Subgroups



Math Growth - By Ethnicity

- Most student groups showed stronger growth this fall compared to last fall
- Strong improvement in growth for Black students, with 45% of students achieving growth targets
- Strong improvement for Asian students
- Hispanic students have the lowest percentage of students achieving growth targets
- Below goal of 60%

Math K-12 NWEA MAP: Fall-to-Winter Growth by Ethnicity

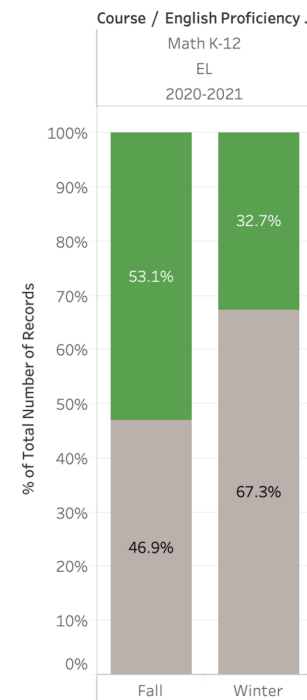


School Year
 ■ 2019-2020
 ■ 2020-2021

Math Results for English Learners

- Note: Did not have data for 19-20 EL status available.
- 33% of ELs scoring Avg or above (see graph)
- 24% of ELs met growth goal
 - Far below goal of 60%
 - Below other student groups

2020-2021 NWEA MAP Math K-12 - Achievement Levels by English Proficiency



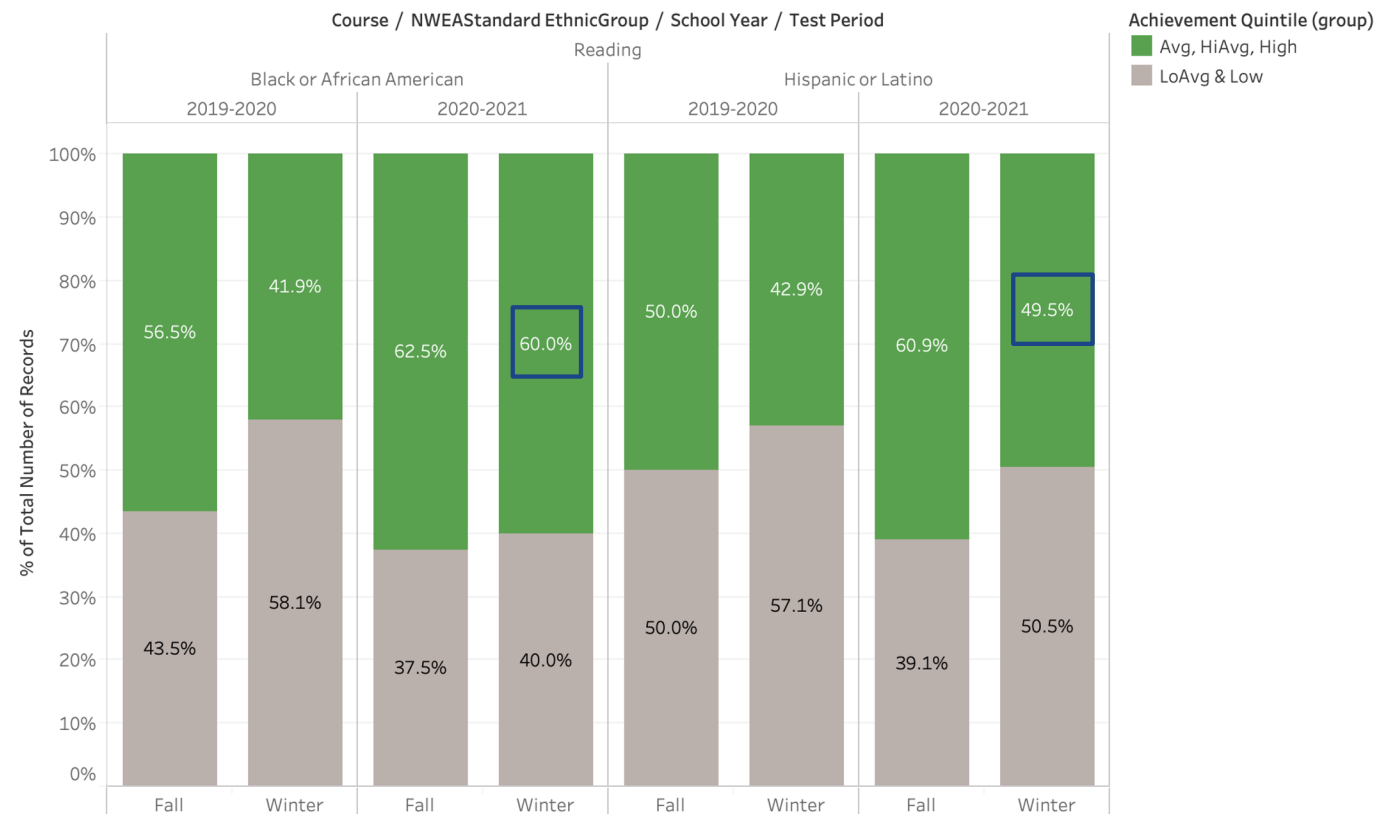
Achievement Quintile (group)

- Avg, HiAvg, High
- LoAvg & Low

NWEA MAP Reading Achievement by Ethnicity

- 60% of Black students scored Average or above
 - +18 pt from 19-20
- 49.5% of Latinx students scored Avg or above
 - +7 pts from 19-20

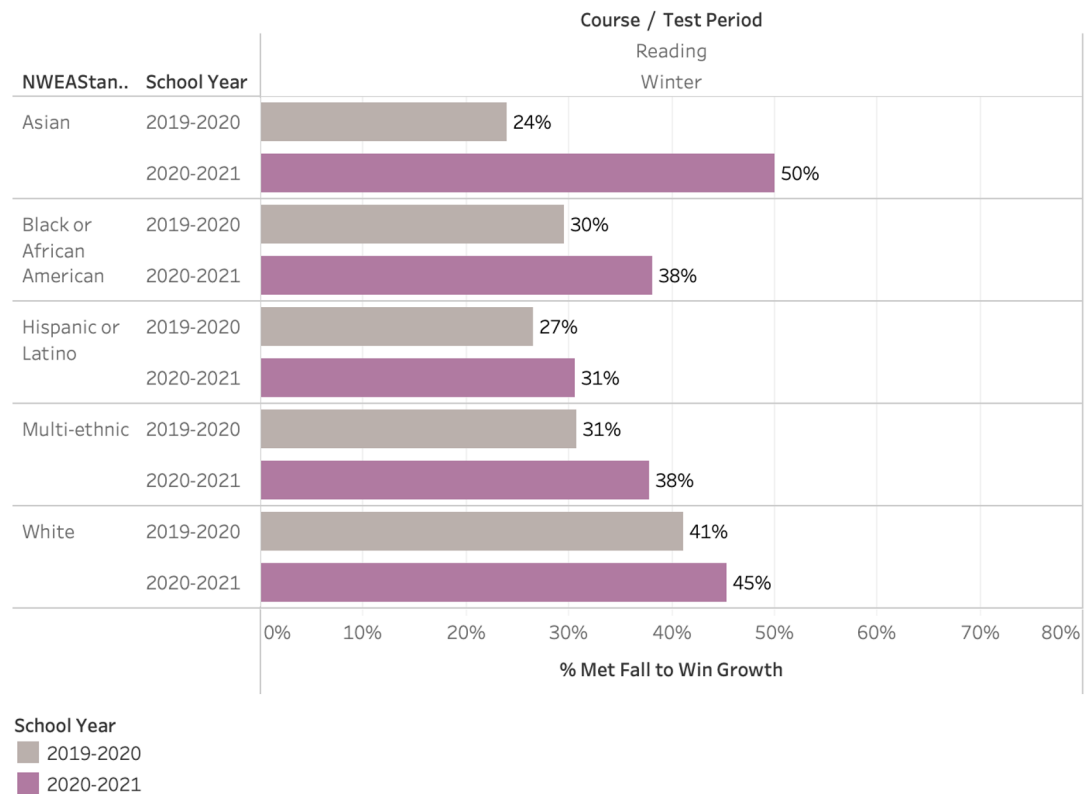
All NWEA MAP Reading - Achievement Levels for Key Subgroups



Reading Growth - By Ethnicity

- All student groups showed stronger growth this fall compared to last fall
- Very strong improvement in growth for Asian students (+26)
- Strong improvement in growth for Black students (+8)
- Hispanic students have the lowest percentage of students achieving growth targets
- Below goal of 60%

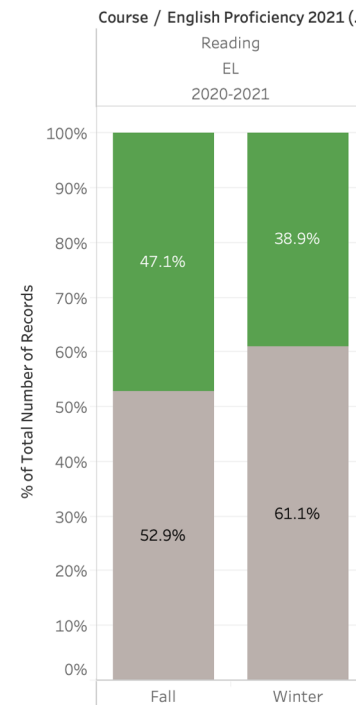
Reading NWEA MAP: Fall-to-Winter Growth by Ethnicity



Reading Results for English Learners

- 39% of ELs scored Avg or above (see graph)
 - Stronger results than in math
- 24% of ELs met growth goal
 - Far below goal of 60%
 - Below other student groups

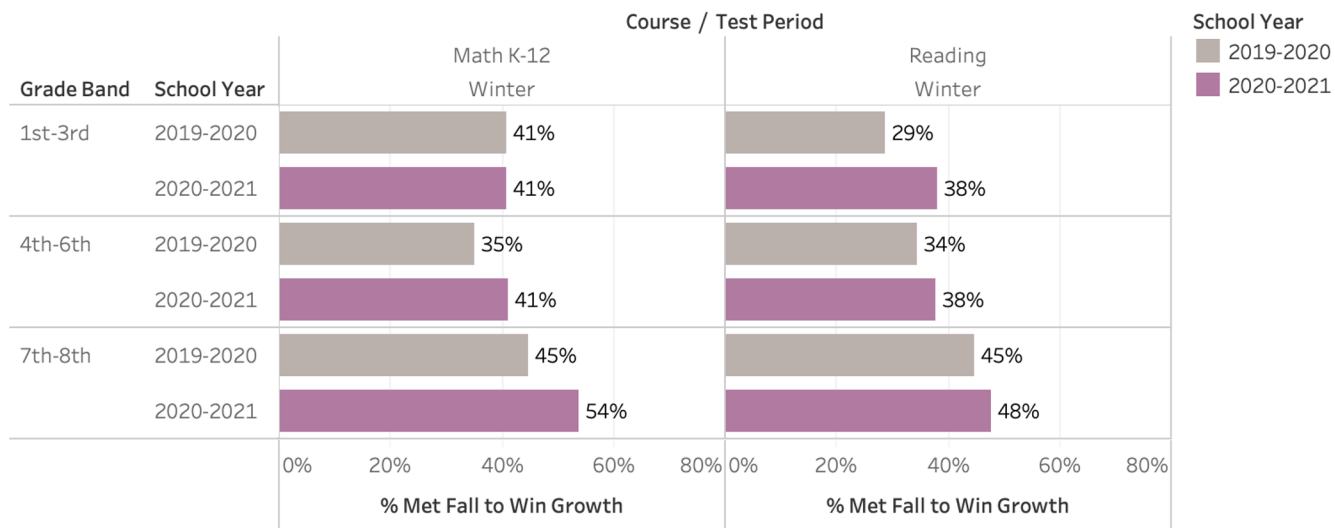
2020-2021 NWEA MAP Reading - Achievement Levels for English Learners



Growth by Grade Bands

- Growth this year is higher or comparable to last year in all grade bands
- Each grade band has stronger growth in Math than in Reading this year
- Students in 7th/8th have stronger growth in both subjects than students in lower grades

Math K-12 & Reading NWEA MAP: Fall-to-Winter Growth by Grade Band



Reflections and priorities

Thank you