



# Academic Performance Report: Spring 2024 NWEA Update



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# Agenda

- Introduction
- Educational Goals & Metrics Reminder
- NWEA EISA
- Portfolio Overview & Analysis
- Questions



# Achievement



## NWEA Achievement Standard:

Are students achieving at the grade level norm?

If Not...



## NWEA Over Time:

Are more students achieving at the grade level norm over time?

## M-STEP Comparison:

Are more students achieving proficiency compared to the traditional district where they would otherwise attend?



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# Growth



**NWEA Growth Standard:**  
Are students making average growth?

If Not...



**NWEA Over Time:**  
Are more students making average growth over time?

**M-STEP Comparison:**  
Are students growing more than the district where they would otherwise attend?



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# NWEA MAP Growth: Enhanced Item Selection Algorithm (EISA)



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# NWEA Changes

- New item selection algorithm
  - More grade-level questions
- Remains very adaptive
  - Retains the ability to “find” the appropriate level for each student

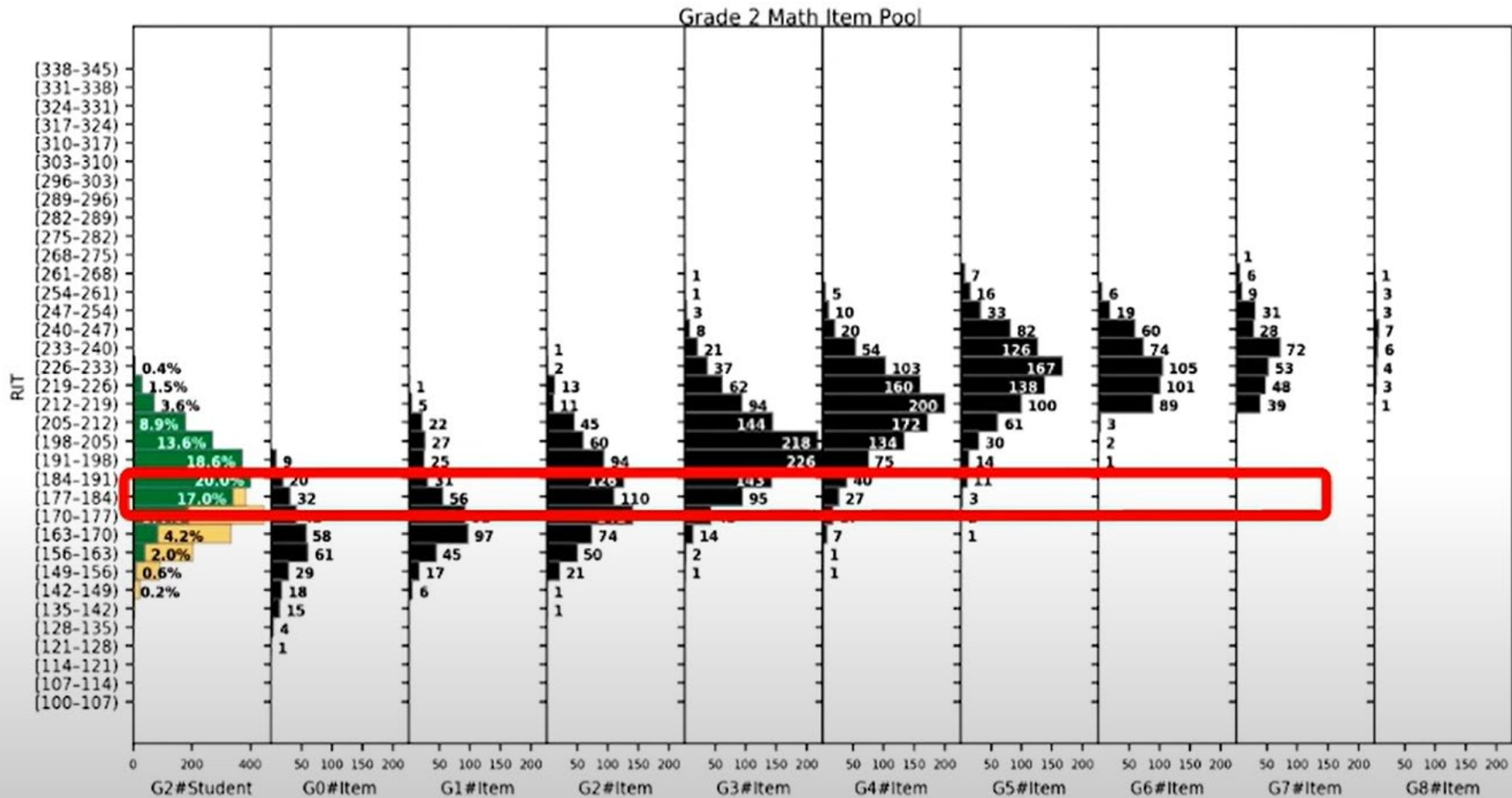


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# Traditional MAP Growth

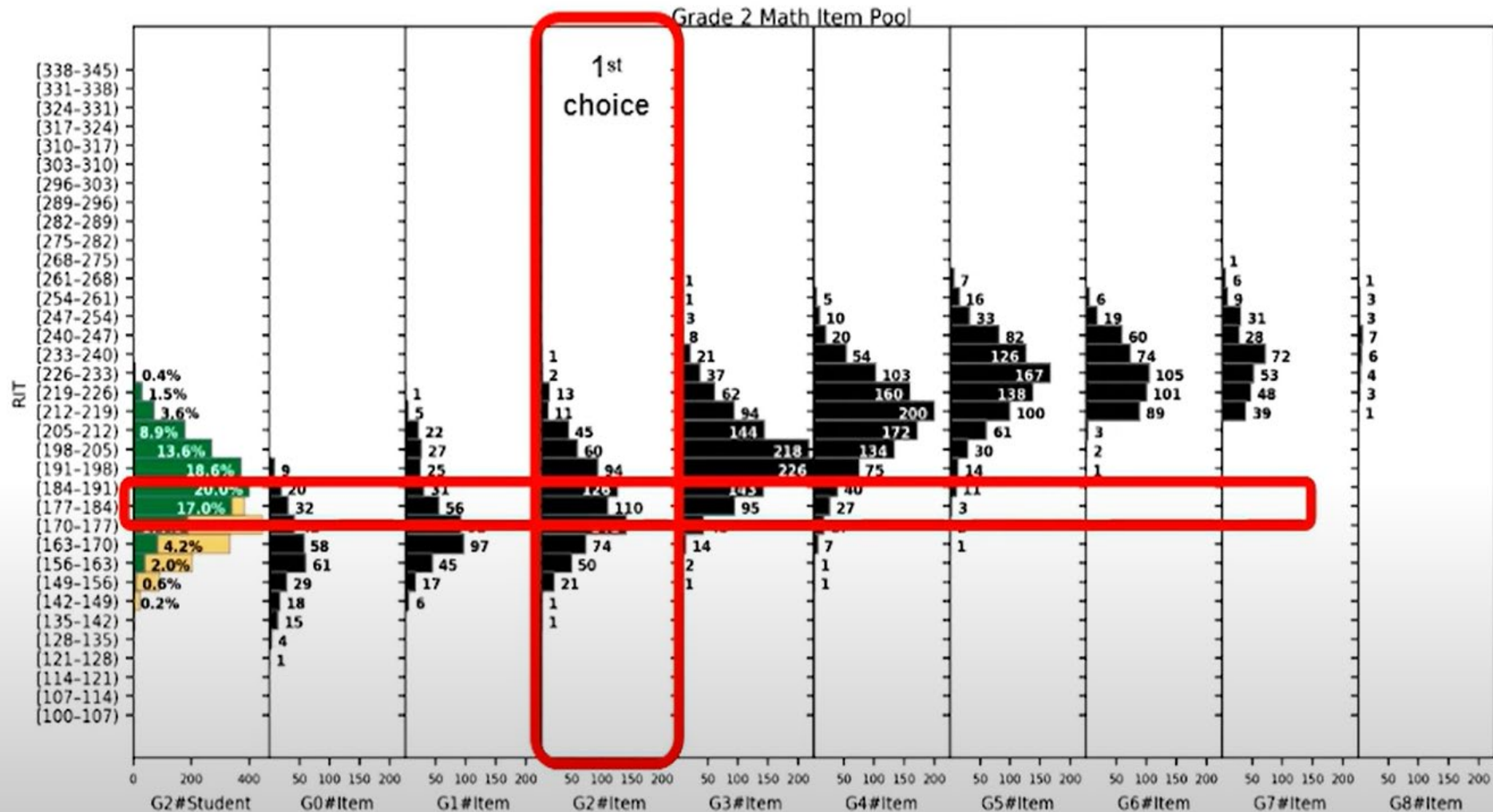


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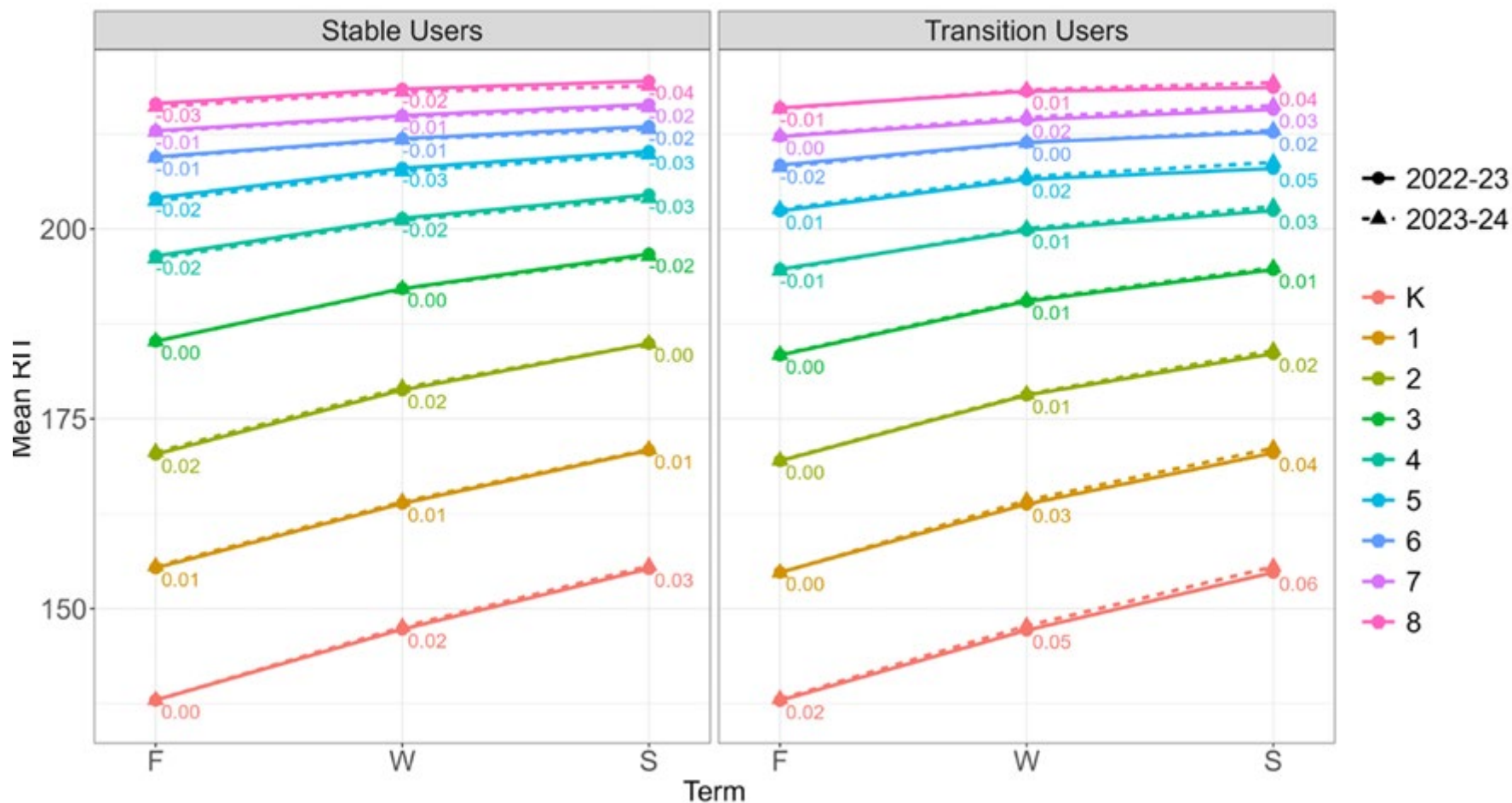
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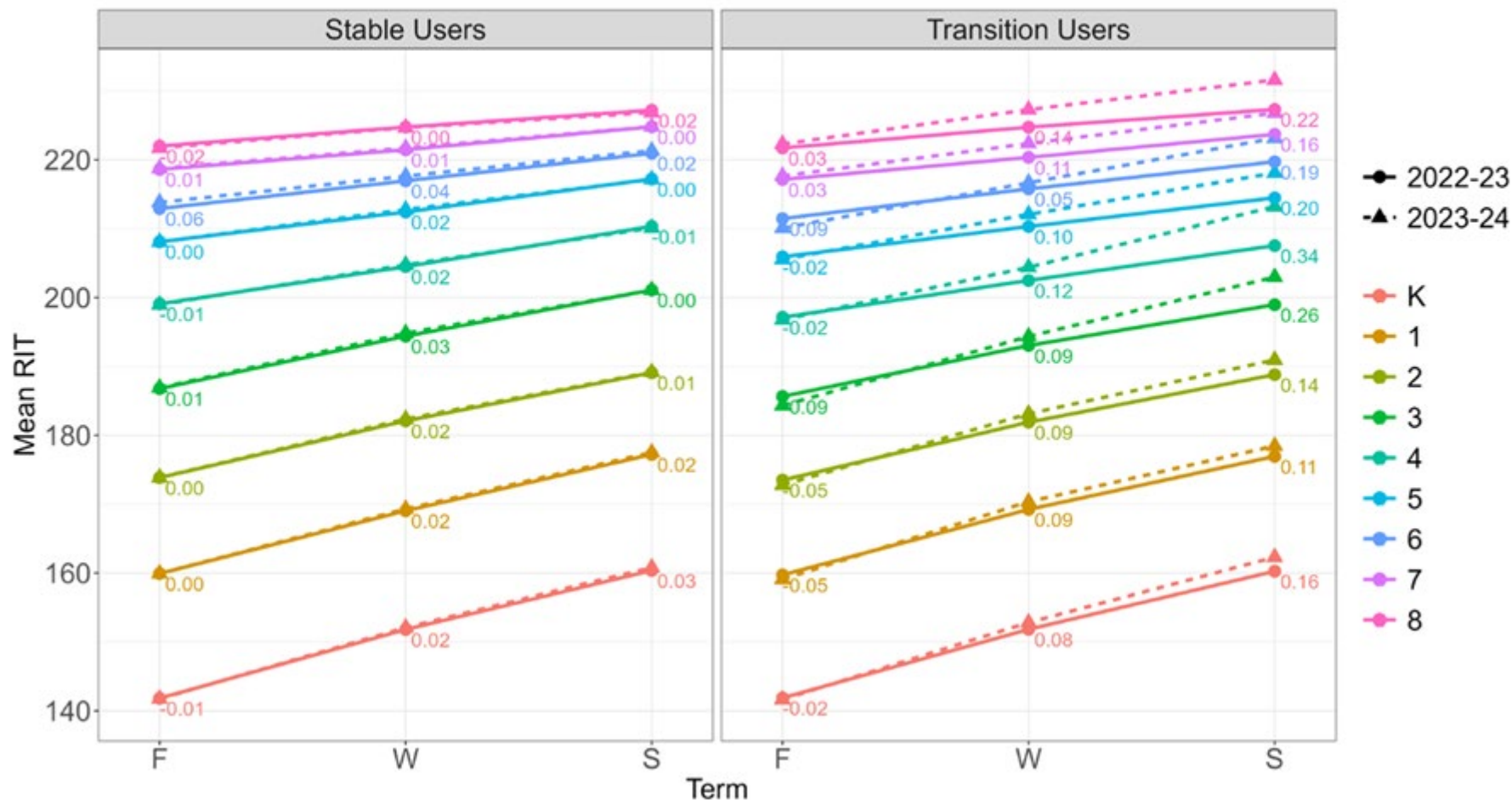
# MAP with EISA prefers on-grade items



**Figure 2. Reading test scores by term in 2023-24 compared to 2022-23 separately for Stable Users (left panel) and Transition Users (right panel)**



**Figure 1. Math test scores by term in 2023-24 compared to 2022-23 separately for Stable Users (left panel) and Transition Users (right panel)**



ACHIEVEMENT PERCENTILES								
FALL			WINTER			SPRING		
2022-23	2023-24	Diff	2022-23	2023-24	Diff	2022-23	2023-24	Diff
58	58	0	59	66	6	63	70	7
53	52	-1	51	56	5	55	58	3
50	47	-3	50	53	3	52	60	8
47	43	-5	47	49	2	50	58	8
48	46	-3	45	49	4	46	60	13
44	42	-2	42	45	3	43	51	8
44	37	-7	44	44	0	43	50	7
44	45	1	43	48	4	44	51	6
44	45	1	44	49	6	43	53	10

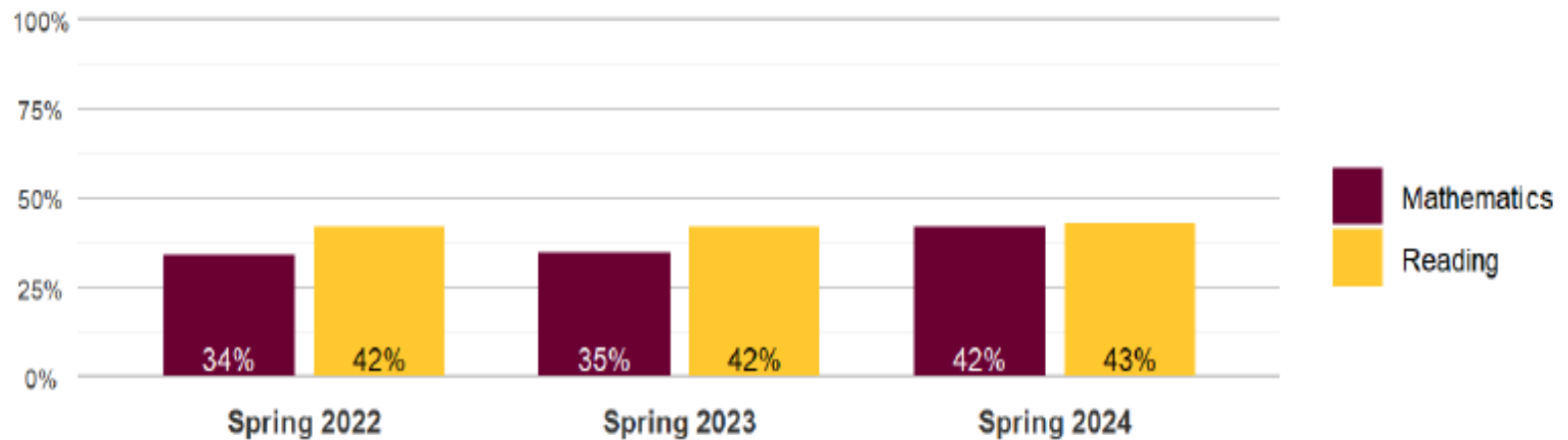


CONDITIONAL GROWTH PERCENTILES					
FALL-TO-WINTER			FALL-TO-SPRING		
2022- 23	2023- 24	Diff	2022- 23	2023- 24	Diff
49	59	10	55	66	11
44	58	14	50	61	11
43	59	16	50	66	16
46	67	21	50	80	30
40	59	18	43	78	36
40	58	17	40	62	23
46	64	18	47	73	26
45	57	13	45	59	14
48	63	15	47	65	18



# Portfolio Results: NWEA Achievement

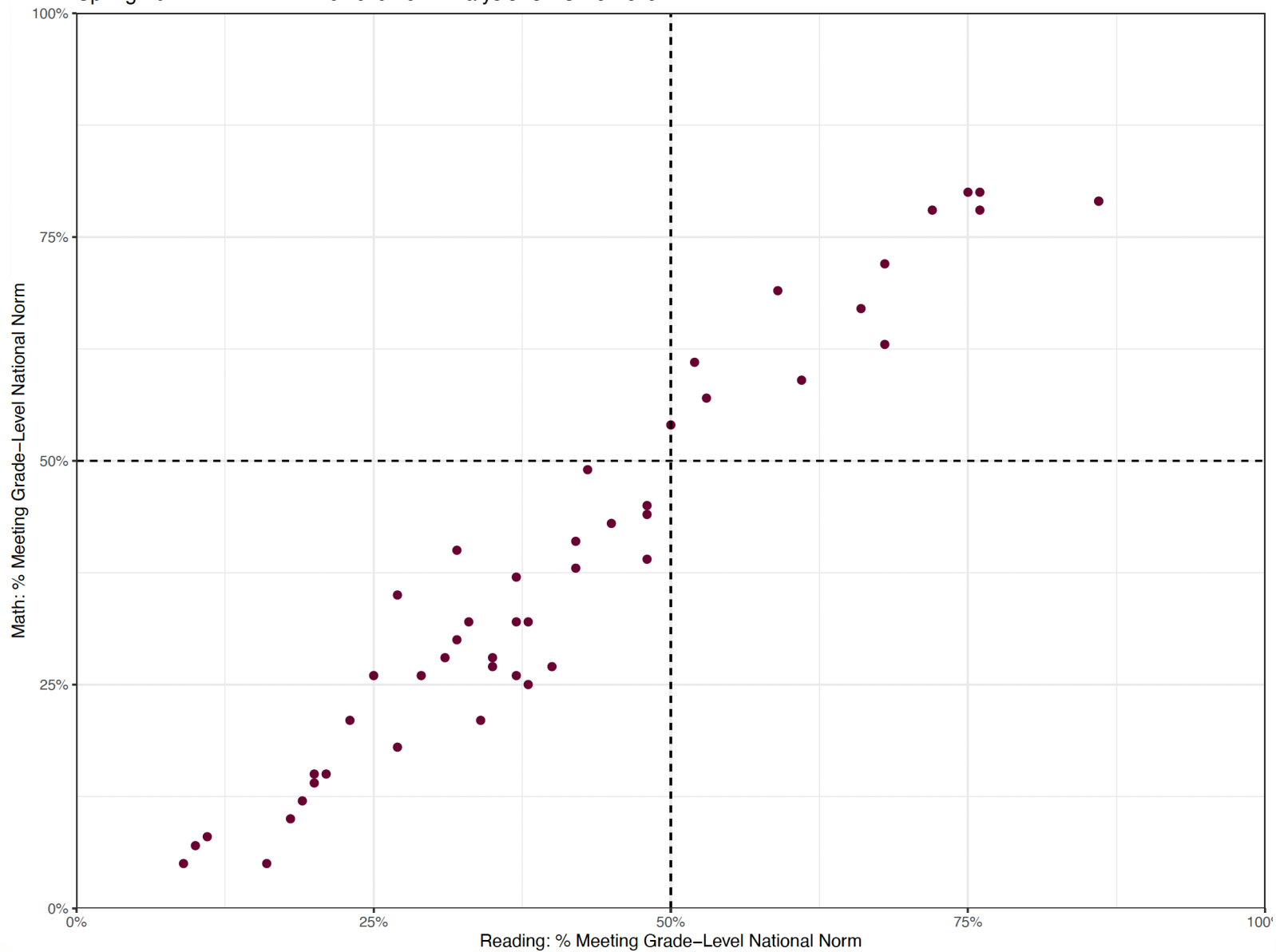
## School-Wide by Year



# Portfolio Changes

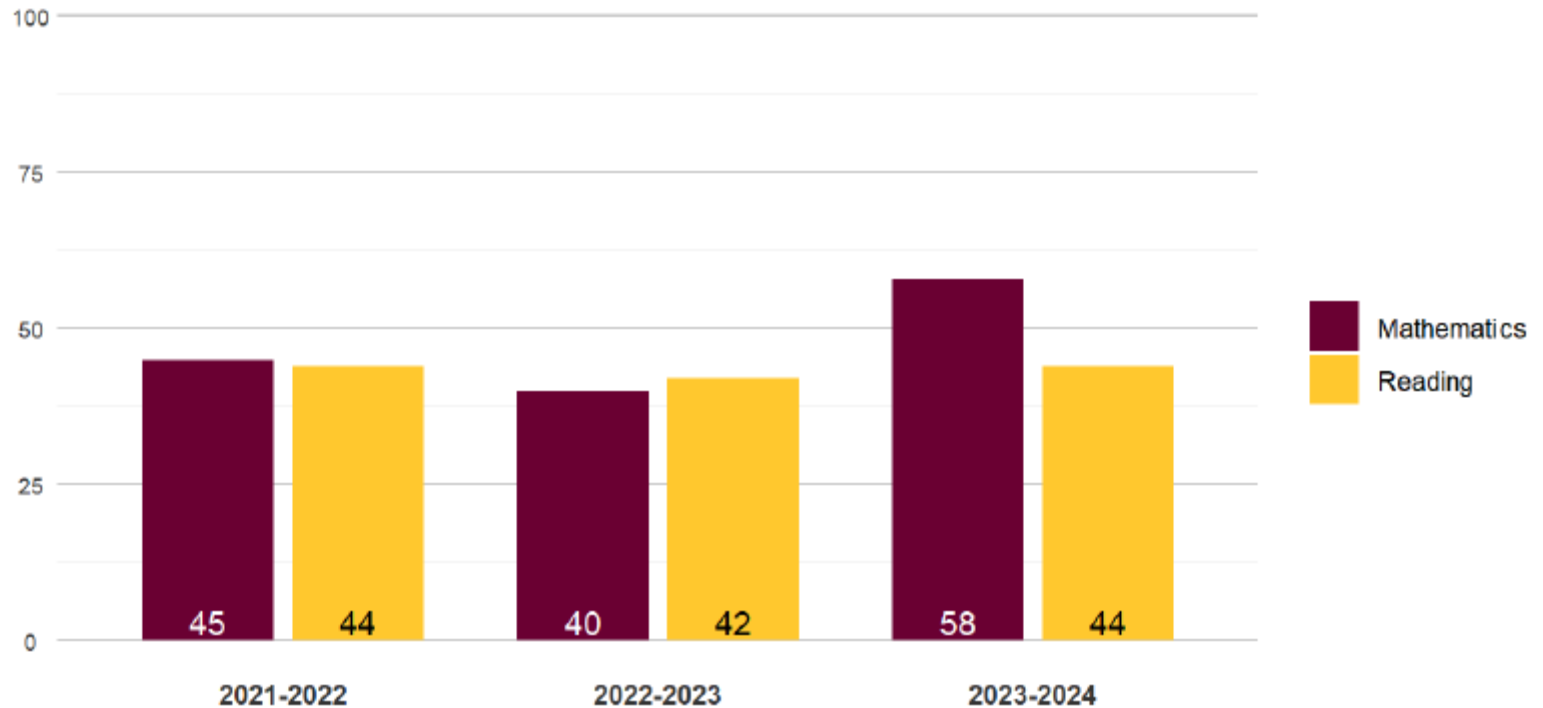
- Achievement
  - Math: 7% increase in math achievement, on average
  - Reading: 1% increase in reading achievement, on average





# Portfolio Results: NWEA Growth

Fall-to-Spring Median Growth Percentile  
All Students Grades 3 - 8



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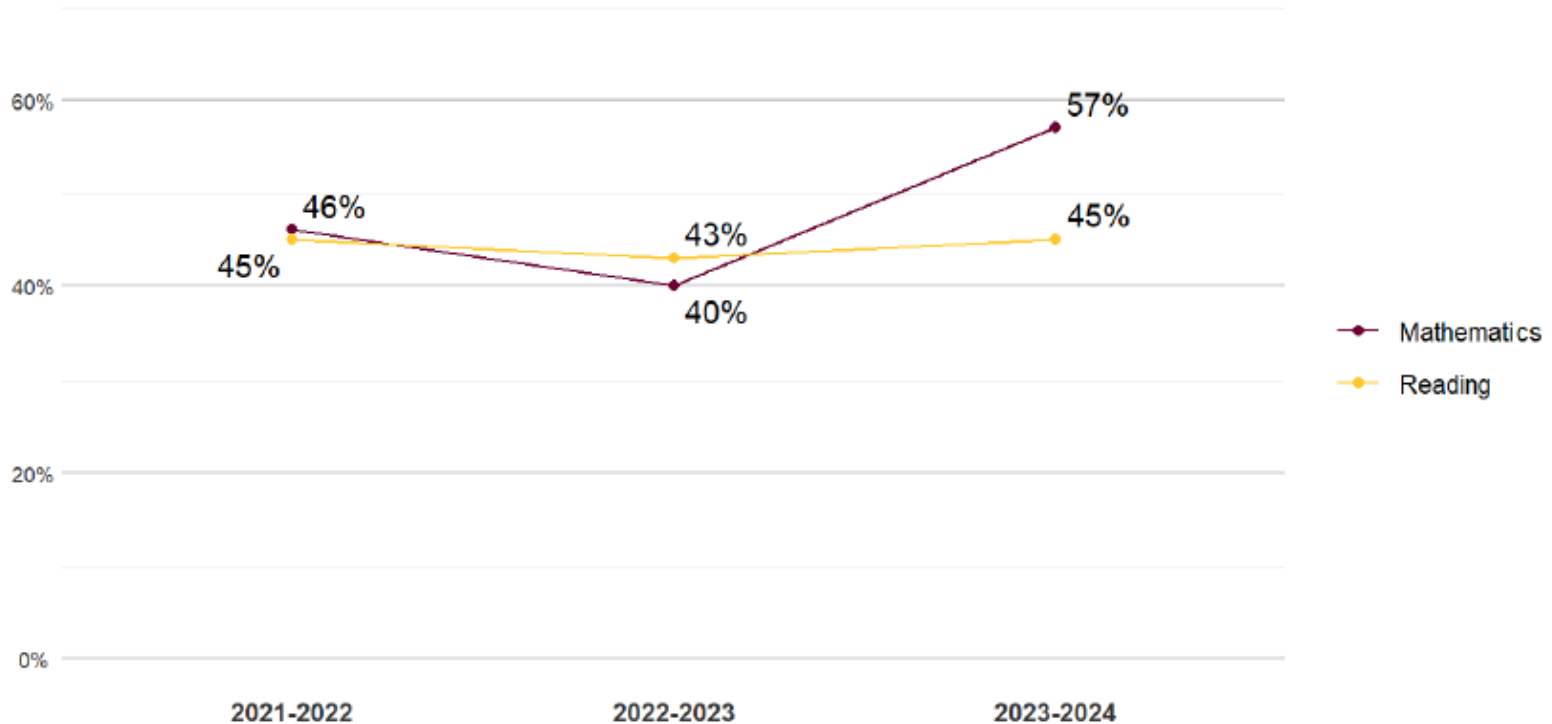
# Portfolio Changes

- Growth
  - Math: 18-point increase in MGPs in math, on average
    - 2023 = 40<sup>th</sup> percentile
    - 2024 = 58<sup>th</sup> percentile
  - Reading: 2-point increase in MGPs in reading, on average
    - 2023 = 42<sup>nd</sup> percentile
    - 2024 = 44<sup>th</sup> percentile



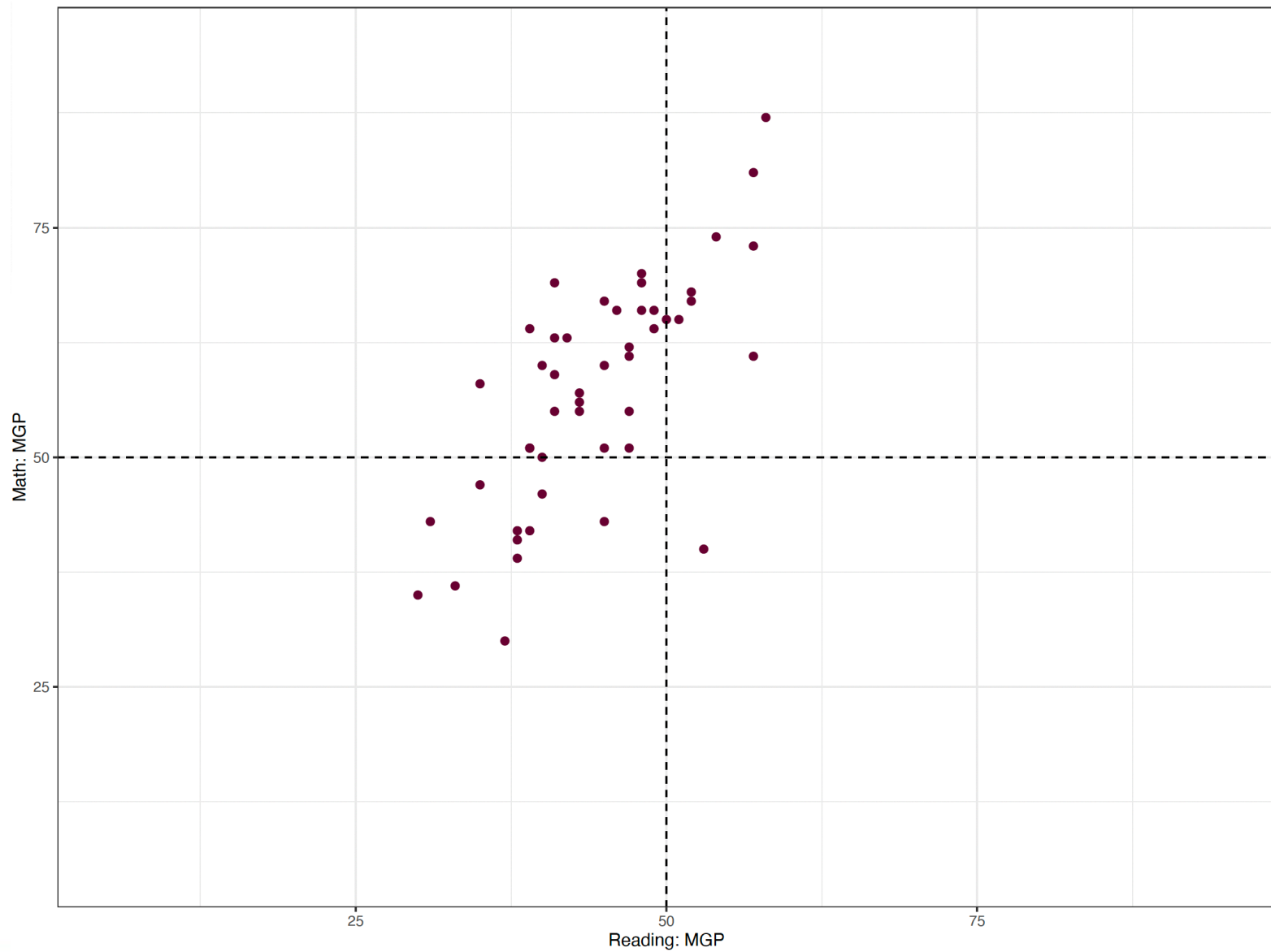
# Portfolio Results: NWEA Growth

Percent of Students with a Fall-to-Spring Growth Percentile of 50 or Greater  
All Students Grades 3 - 8



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# Spring 2024 NWEA MAP Achievement Analysis: CMU Portfolio



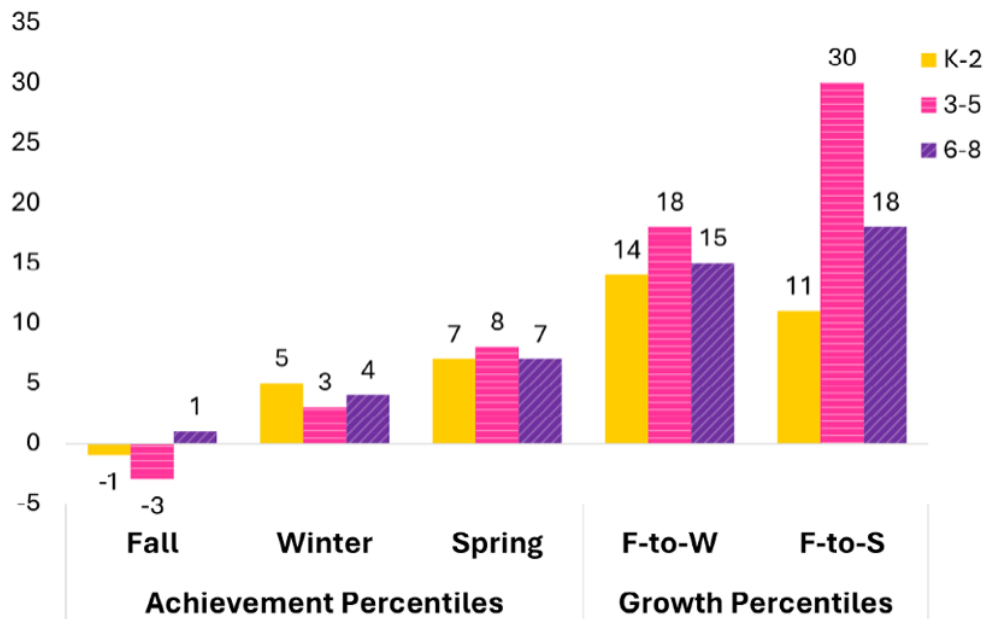
Reading: MGP



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# Performance in Context

**Figure 3. Shifts in achievement and growth percentiles for Transition Users separately by grade band**



*Note. Bars represent the median shifts in achievement and growth percentiles within grade bands.*

- CMU portfolio trends align with national trends on NWEA Enhanced Item Selection Algorithm (EISA)



# Questions



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# What's next?

- State assessment results (October)
- State assessment MGP in December
- HS metrics (October) & grad rate (Winter 2025)

