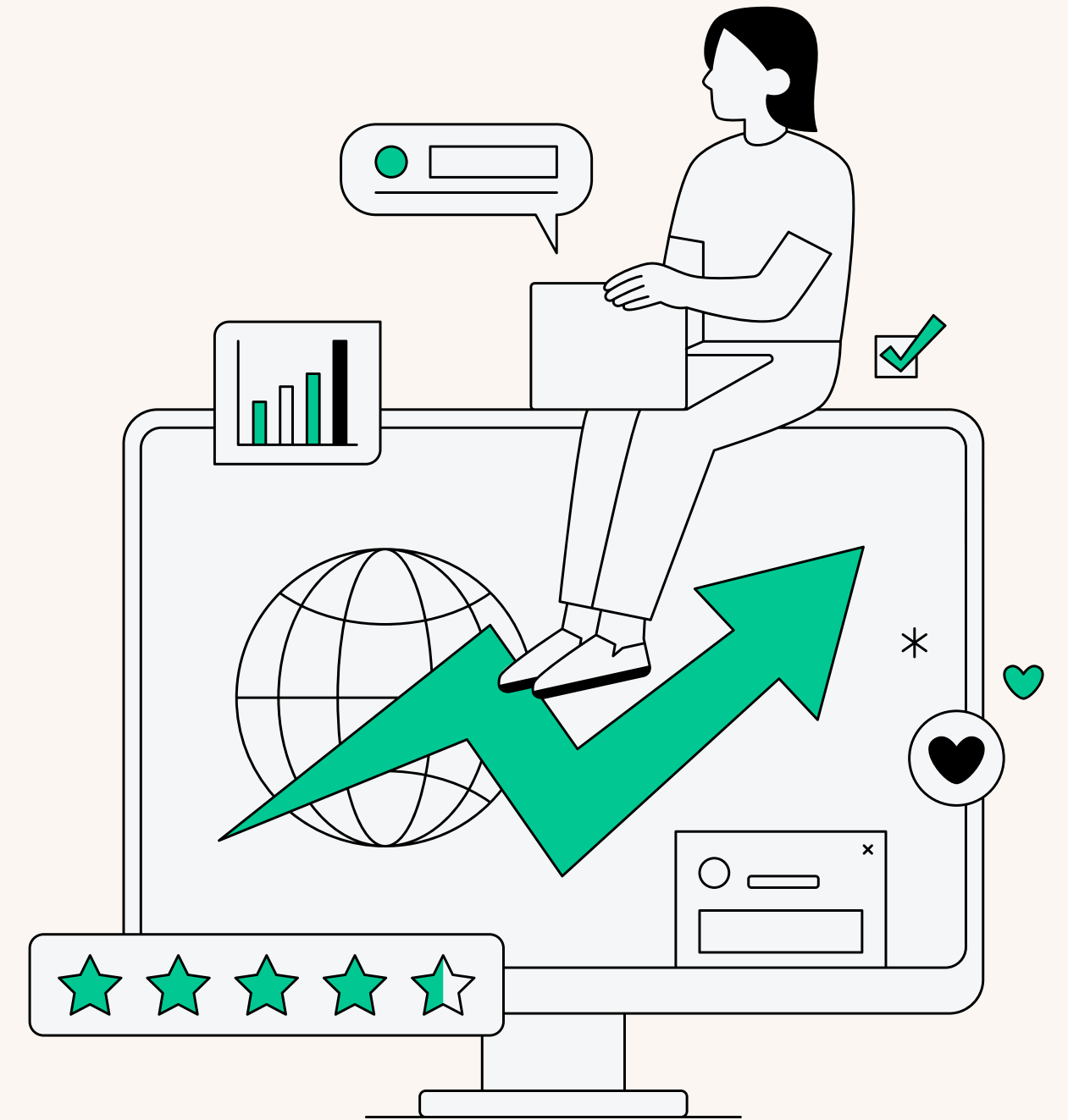


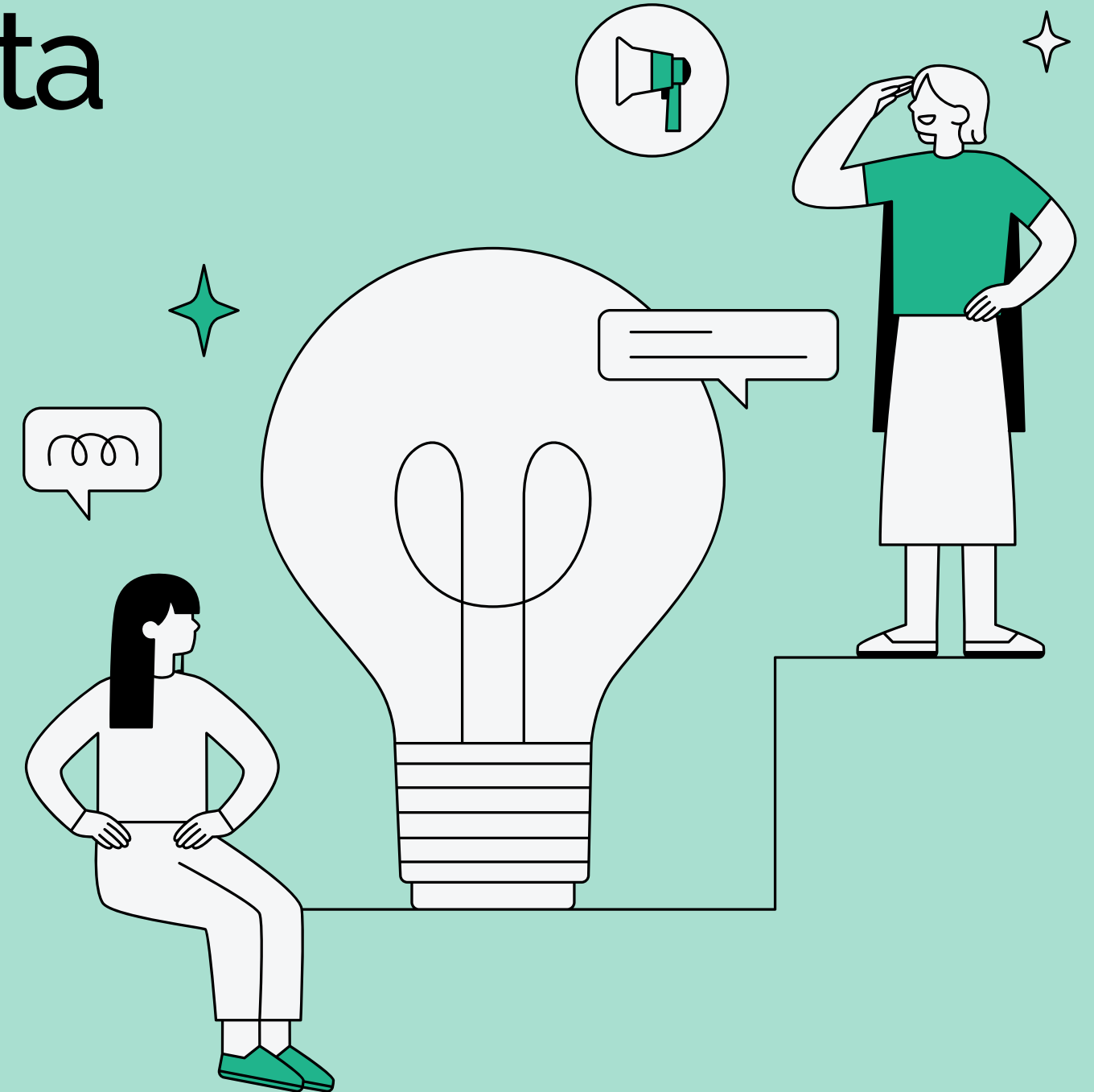
Presented by Meghan Hale with support from Academic Excellence

Analysis of results

MCAS 2023



- Overview of statewide data
- MCCPS Data
- Comparative Data
- School Response



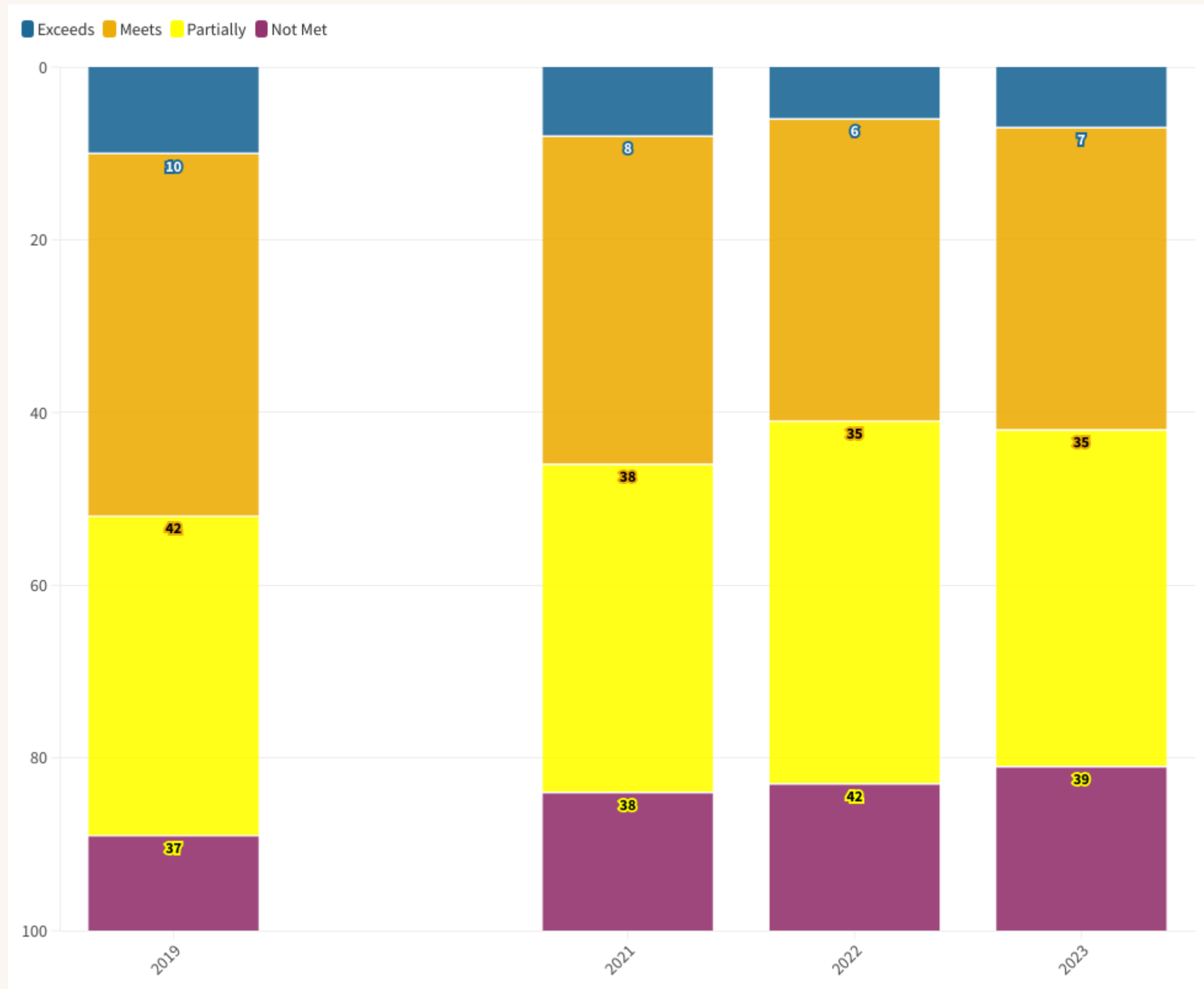
Next Gen MCAS

- Focuses on students' critical thinking skills
- It is meant to be a clearer indicator of a student's readiness for the next grade level and college readiness
- Fully administered on a computer
- Spring of 2019: All tests were Computer Based “Next Gen”

Test Administration- Achievement Category

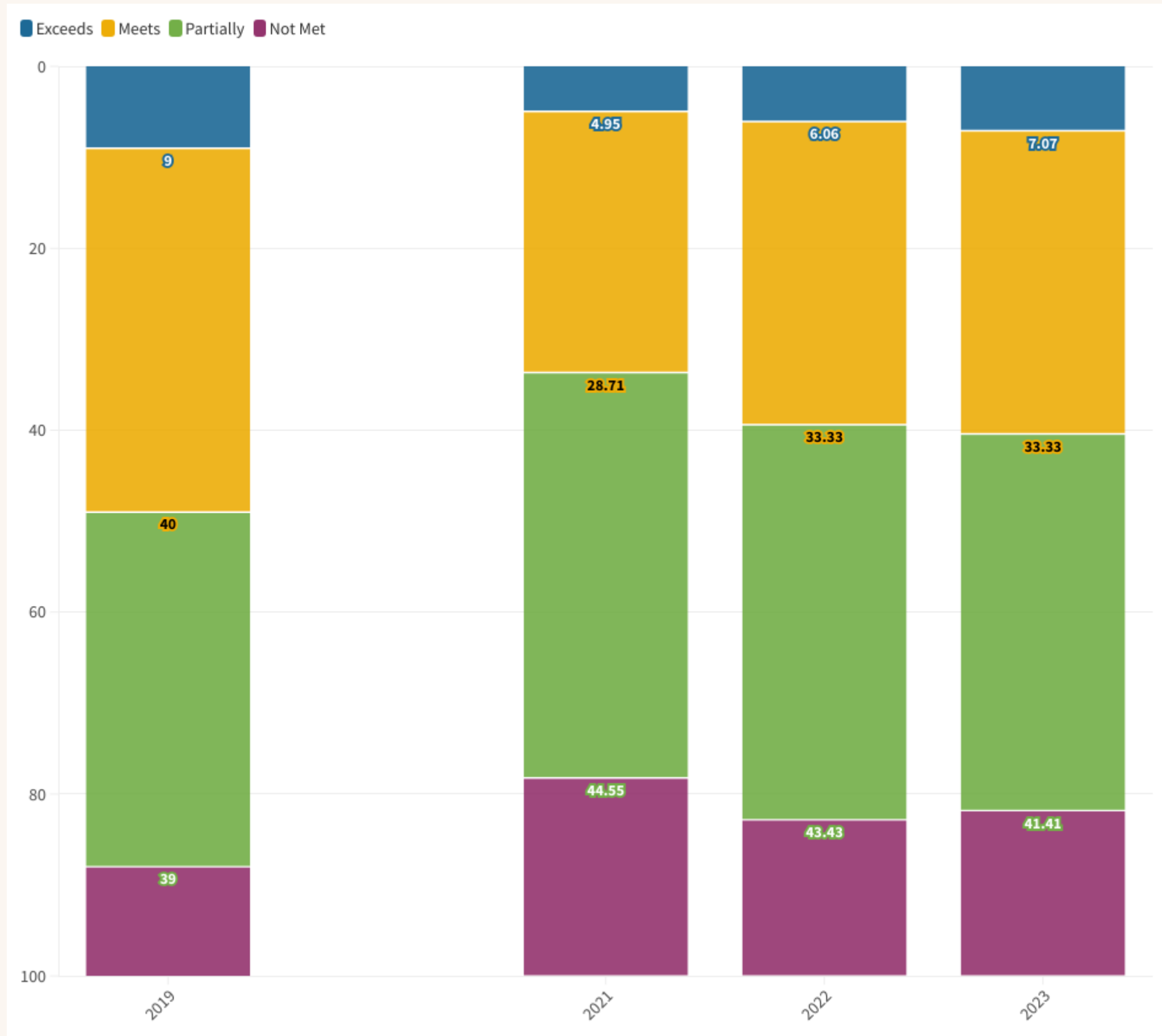
Acheivement Category	Scaled Score Range
Exceeds Expectations	530-560
Meeting Expectations	500-529
Partially Meeting Expectations	470-499
Not Meeting Expectations	440-469

Statewide Statistics- ELA



- ELA in grades 3-8
 - **2019:** 52% of students met or exceeded expectations
 - **Difference** of -10% compared to the 2023 test
 - **2022:** 41% Met or Exceeded Expectations
 - **2023:** 42% Met or Exceeded Expectations
 - Difference of +1%

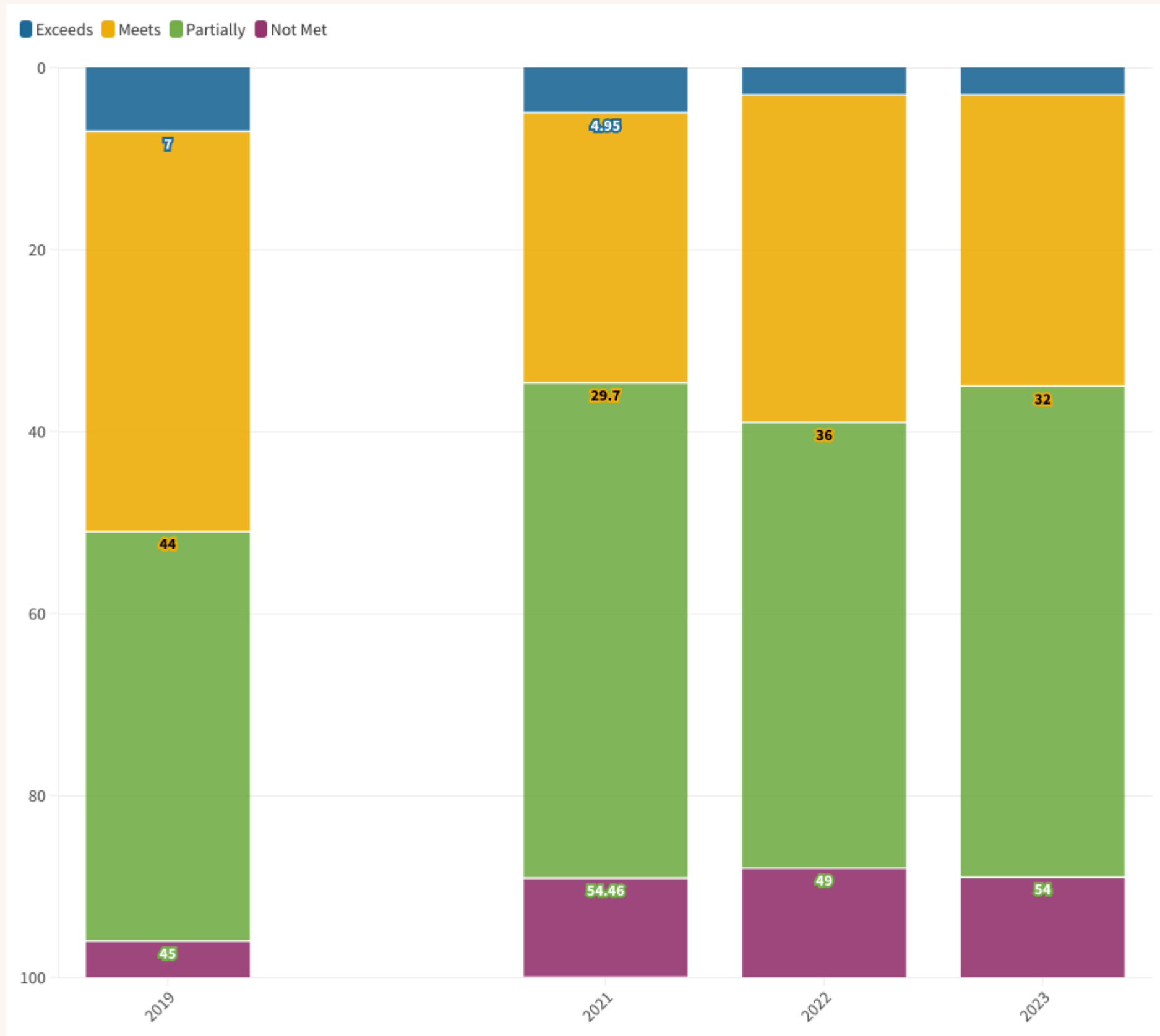
Statewide Statistics- Math



- Math in grades 3-8
 - **2022:** 39% Met or Exceeded expectations in 2022
 - **2023:** 40% Met or Exceeded expectations in 2023
 - **Difference** of +1%
 - **2019:** 49% Met or Exceeded Expectations
 - **Difference** of -9% compared to the 2023 test

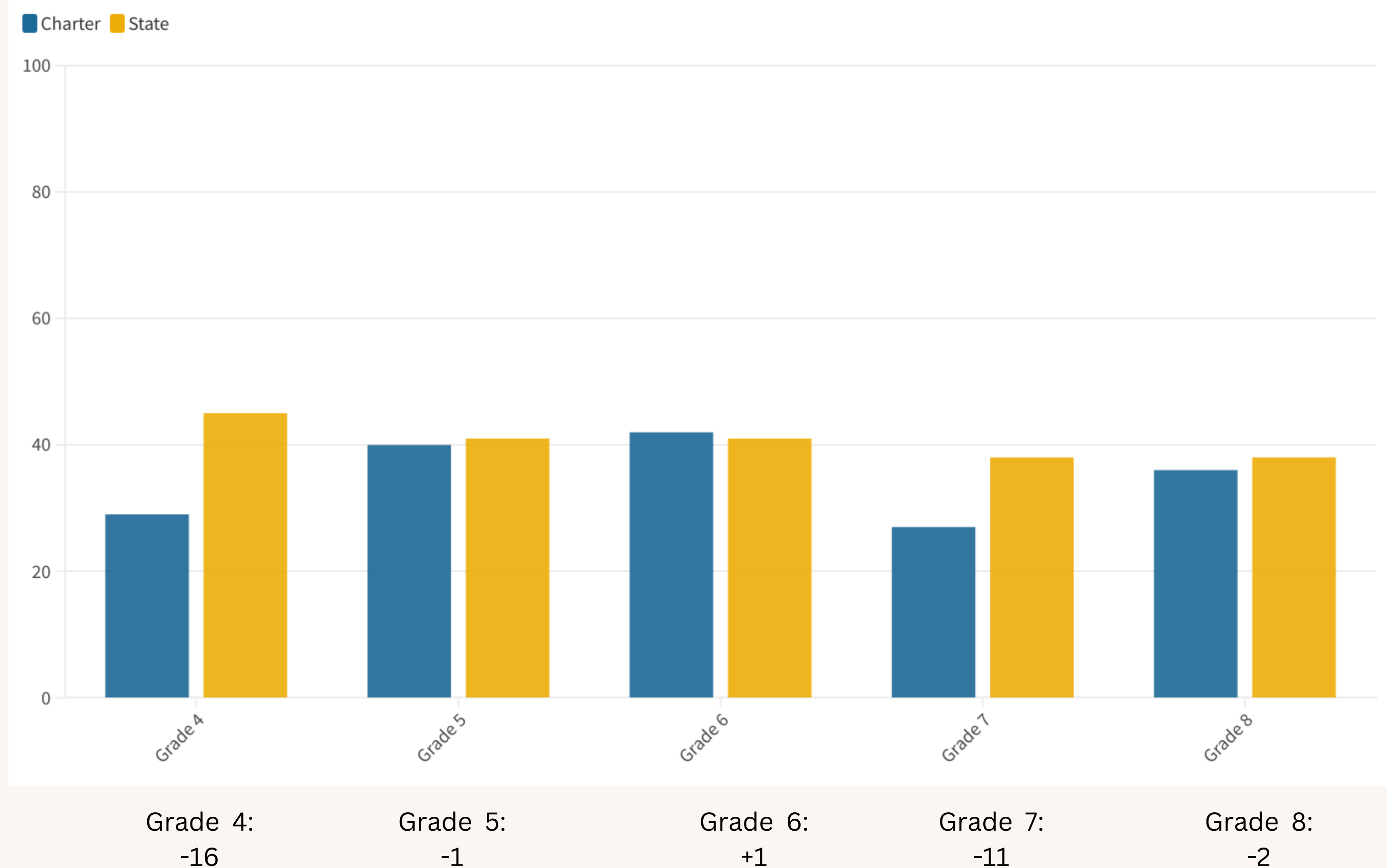
MCCPS Results

Math



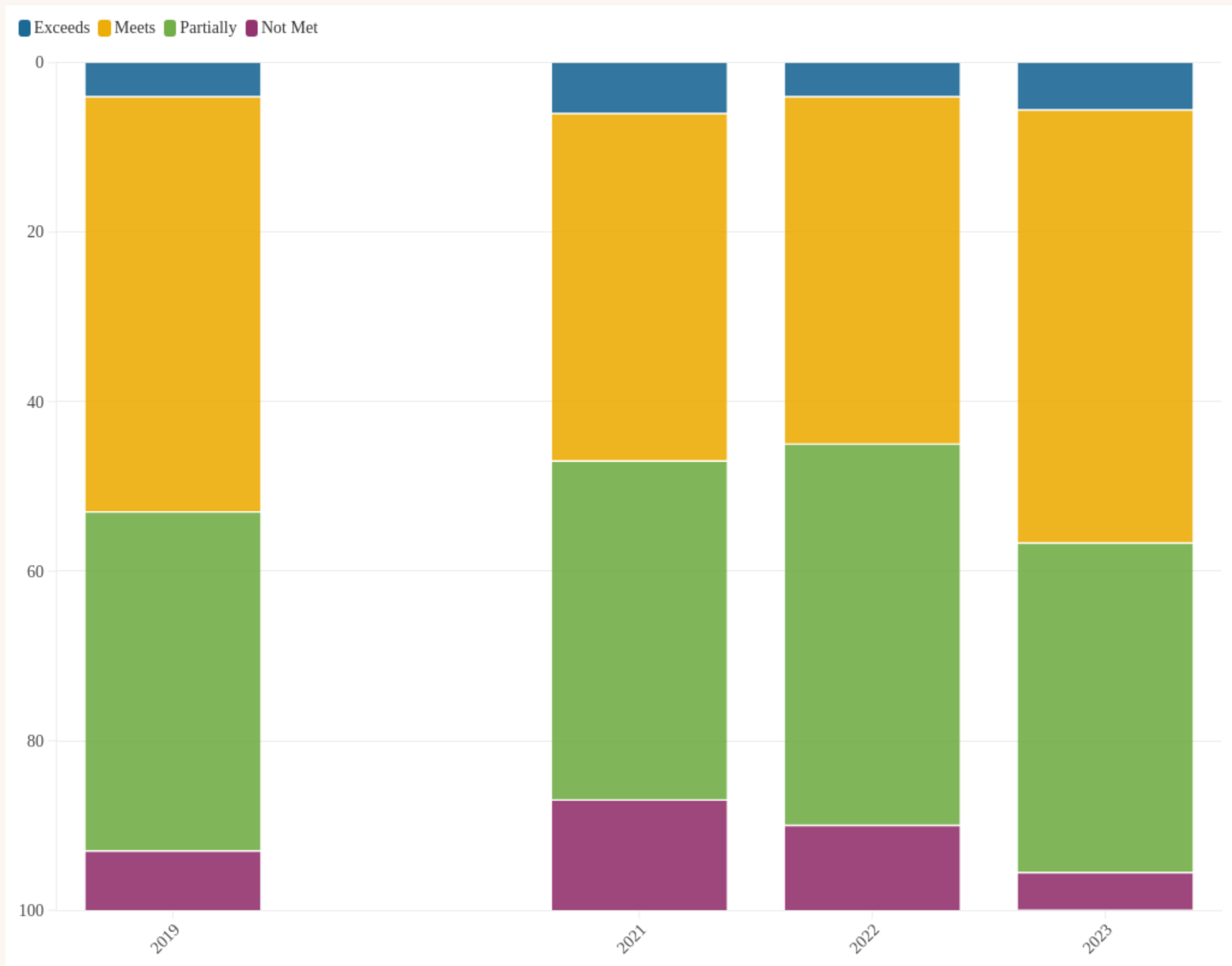
- **2019:** 51% of students met or exceeded expectations
- **Difference:** -16% points pre-pandemic
- **2022:** 39% of students met or exceeded expectations
- **2023:** 35% of students met or exceeded expectations
- **Difference:** -4% points since 2022

Statewide Comparison- Math



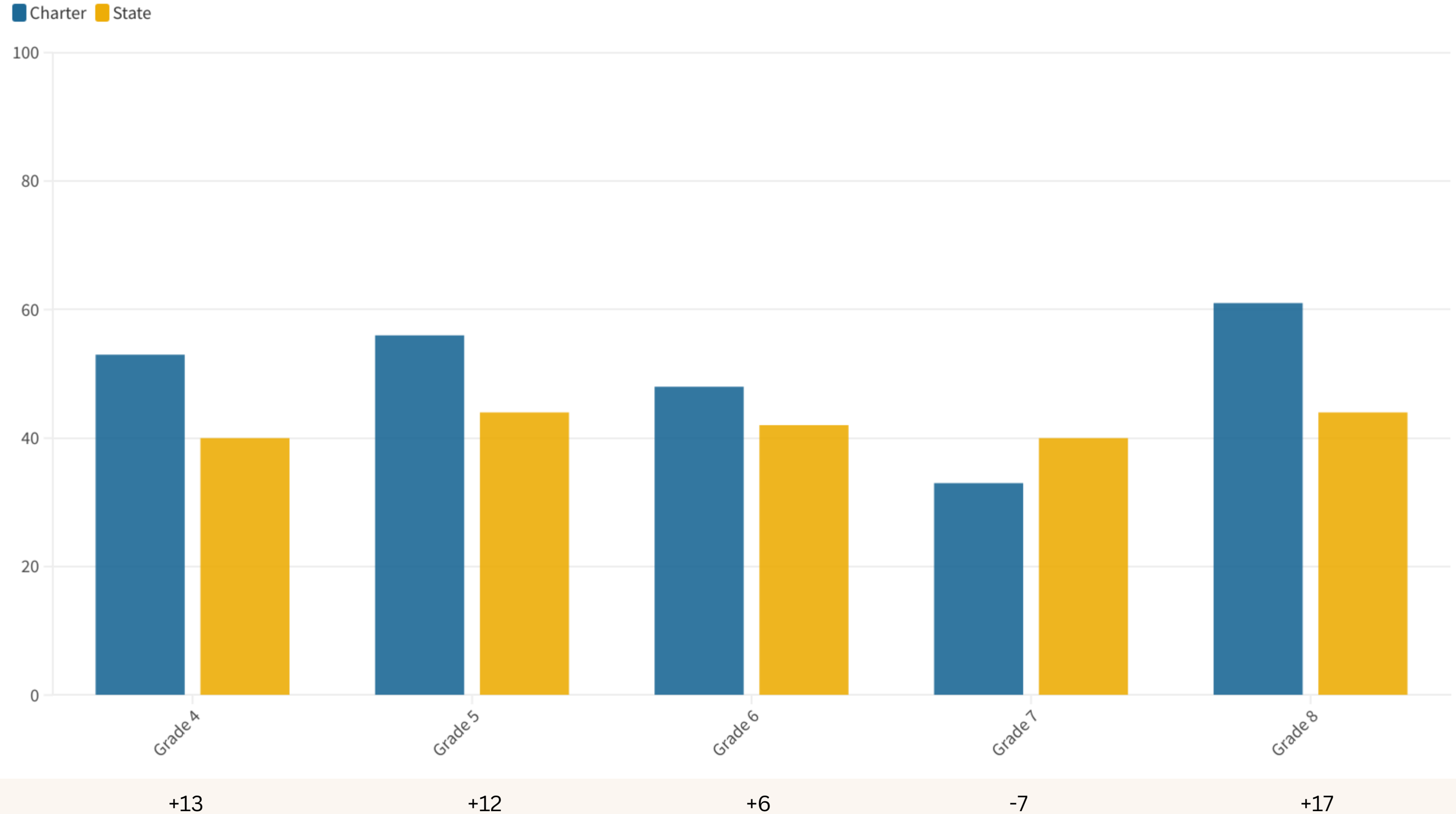
MCCPS Results

ELA

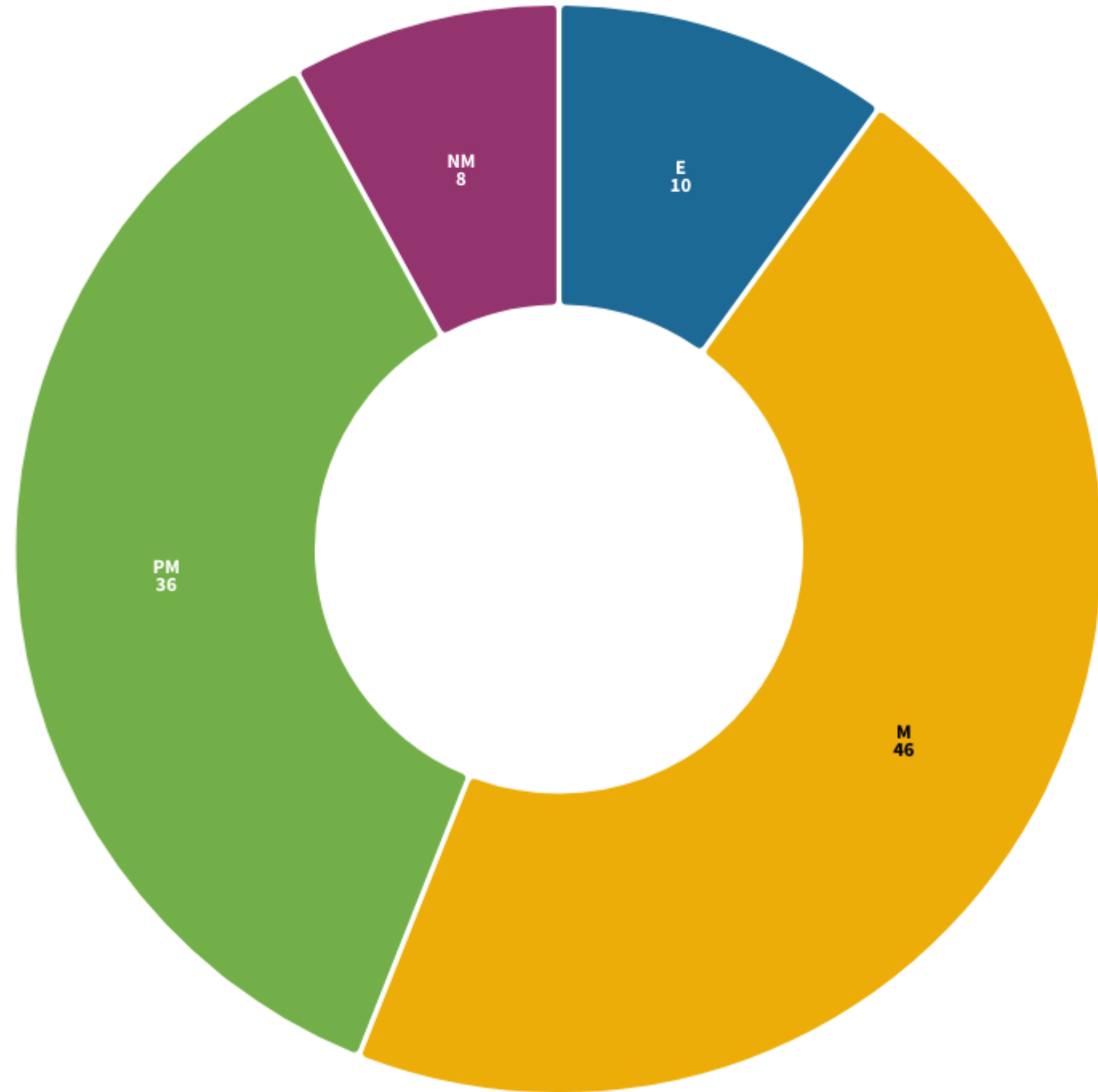


- **2019:** 53% of students Met or Exceeded Expectations
- **Difference:** -2% points pre-pandemic
- **2022:** 45% of students Met or Exceeded Expectations
- **2023:** 51% of students Met or Exceeded Expectations
- **Difference:** +6% points since 2022

Statewide Comparison- ELA

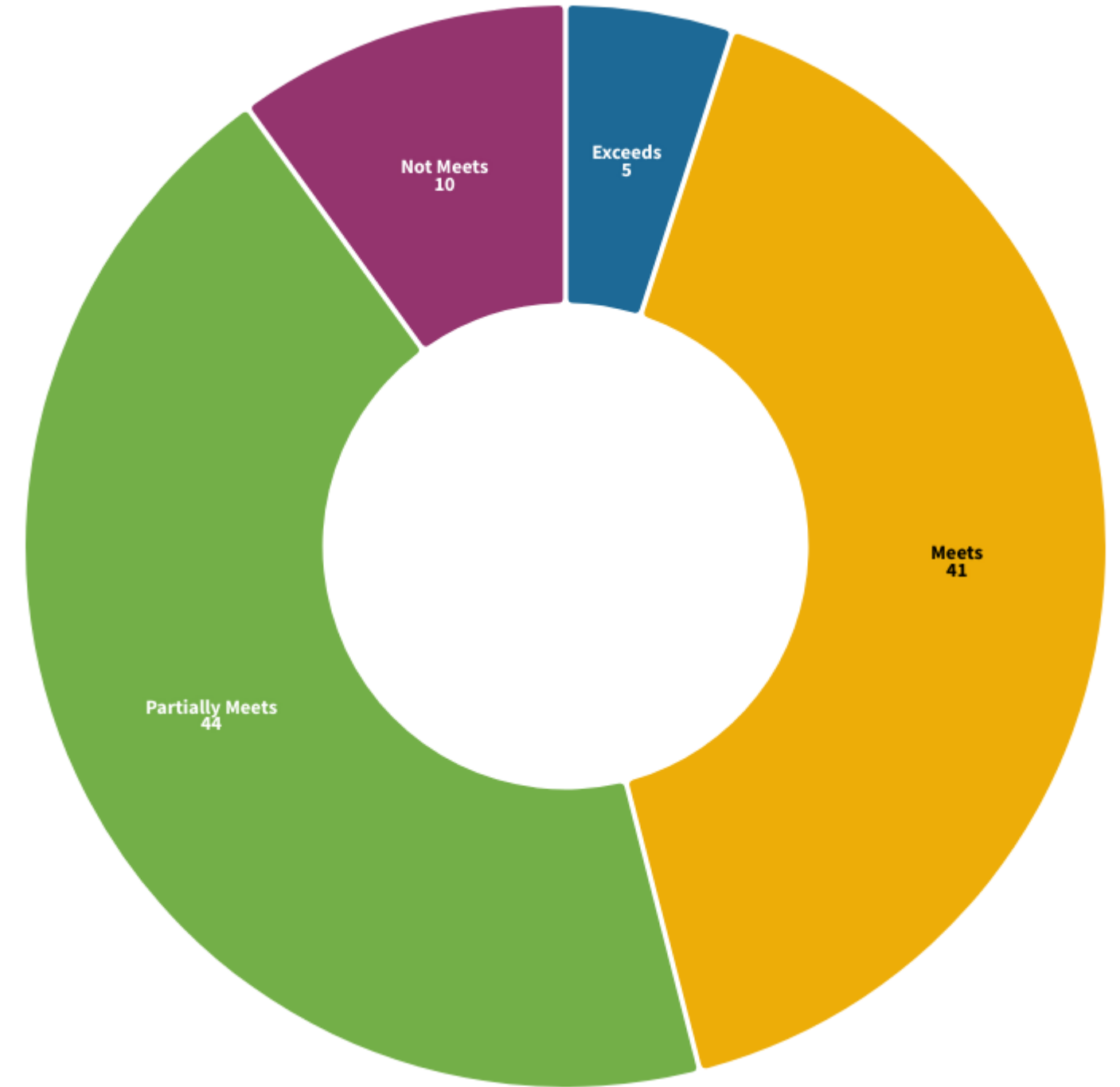


Science



Grade 5

**+3% Exceeding or meeting
from 2022**



Grade 8

**-8% Exceeding or meeting
from 2022**

Accountability Categorizations

- 22/23 test marks the return of accountability categories
 - Every school receives an accountability percentile and accountability category
- New in 2023, DESE created post-pandemic recovery targets. DESE assigned each student group to a “path” based on how their 2022 MCAS achievement compared to achievement in 2019

Recovery Path: Students in this group had an MCAS-scaled score that was higher in 2019 than in 2022

Path Forward: The MCAS average scaled score for the given group was higher in 2022 than in 2019. These groups experienced little to no decline.

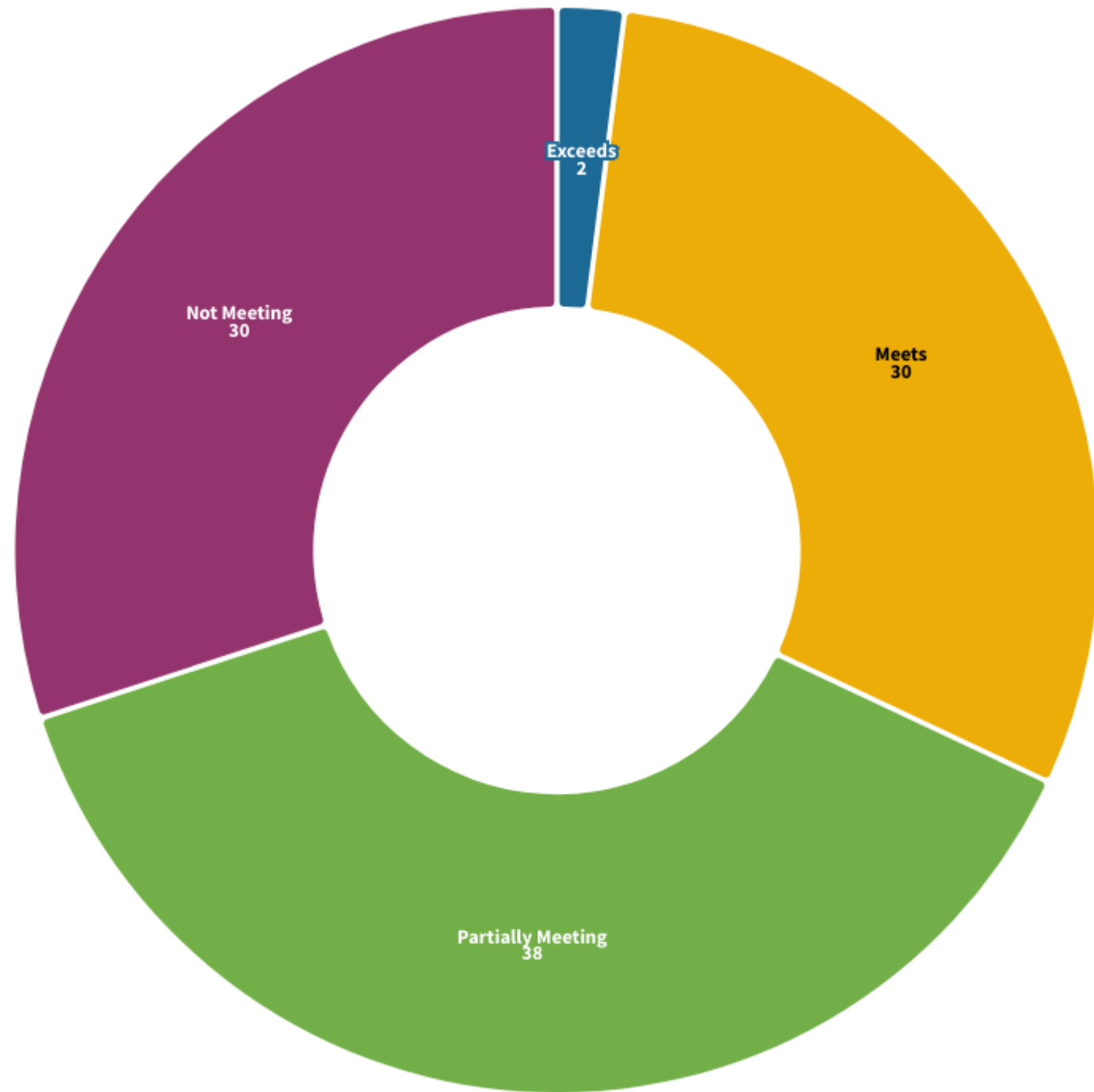
For ELA

- White students had a higher scaled score in ELA in 2022 than in 2019 and met their achievement targets. Path Forward
- Students with Disabilities had a higher scaled scores in ELA in 2022 and exceeded their achievement target. Path Forward

For Math:

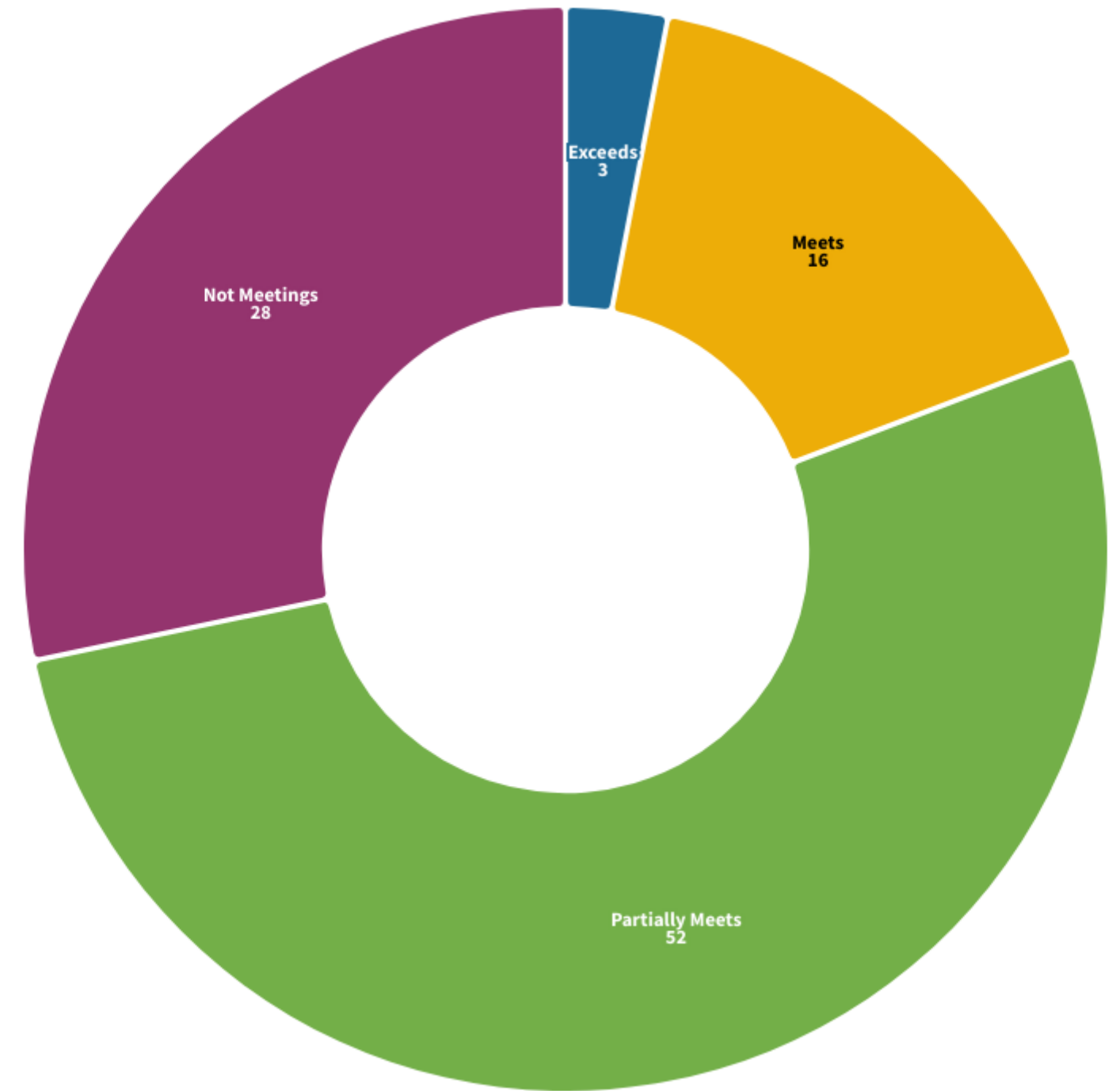
- No students hit the accountability targets set by DESE.
- Some students did improve (lowest performing, SWD's, White students) but still were below their target.
- Some groups declined (EL, Hispanic)

Special Education



ELA

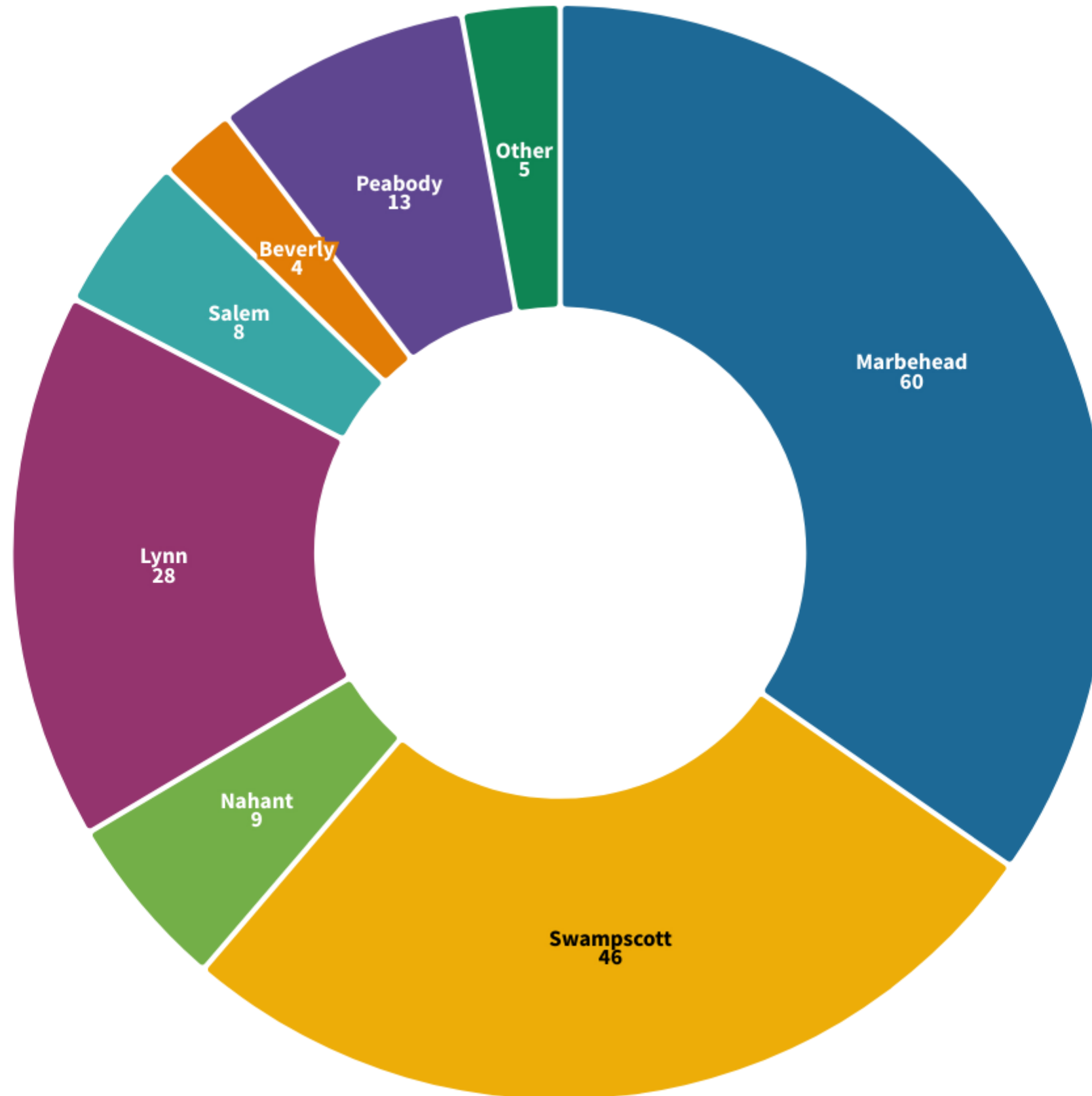
+5% from 2022



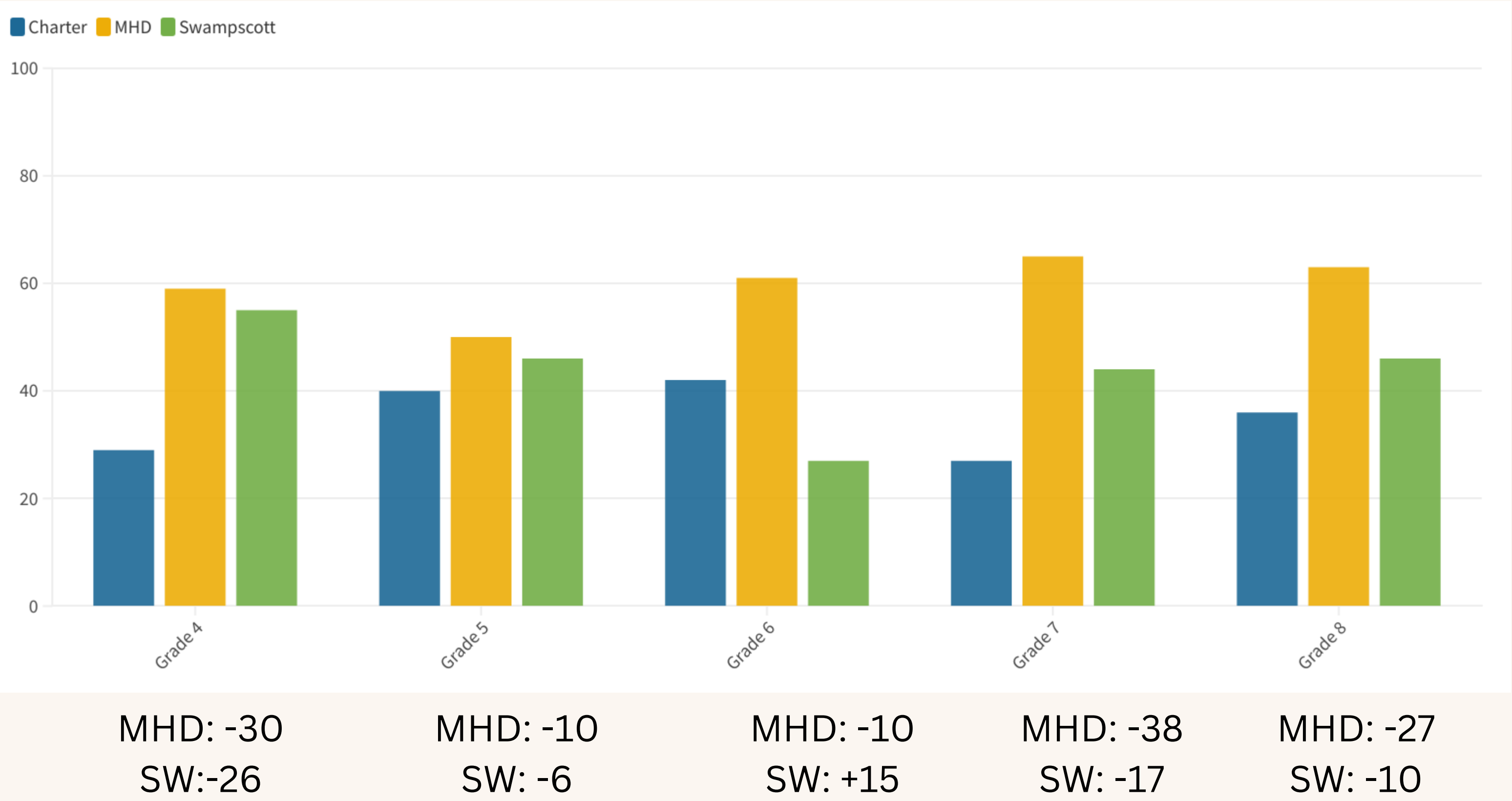
Math

+1% from 2022

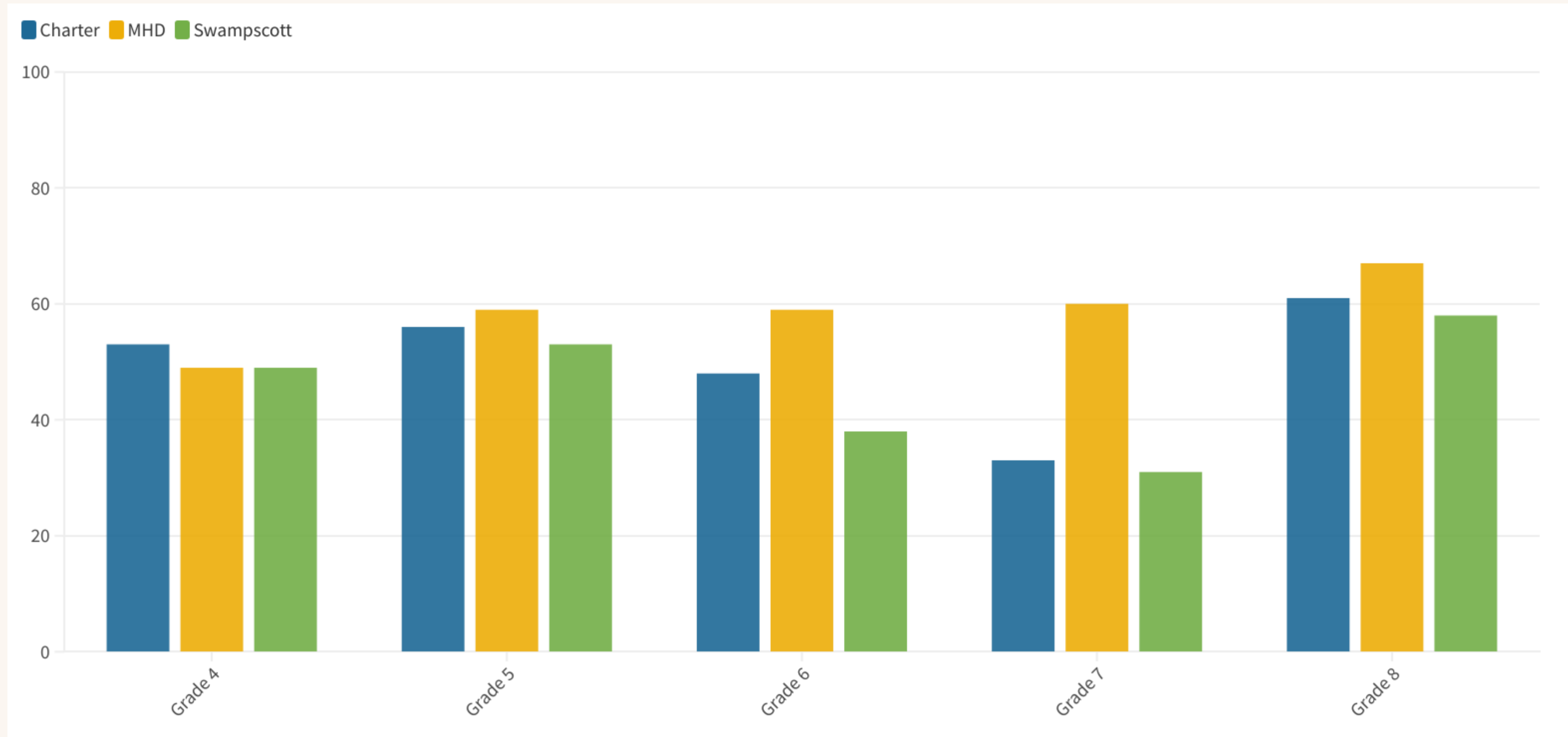
Residential Make Up of Charter



Charter, MHD, Swampscott Comparison: Math



Charter, MHD, Swampscott Comparison ELA



MHD: +4
SW: +4

MHD: -3
SW: +3

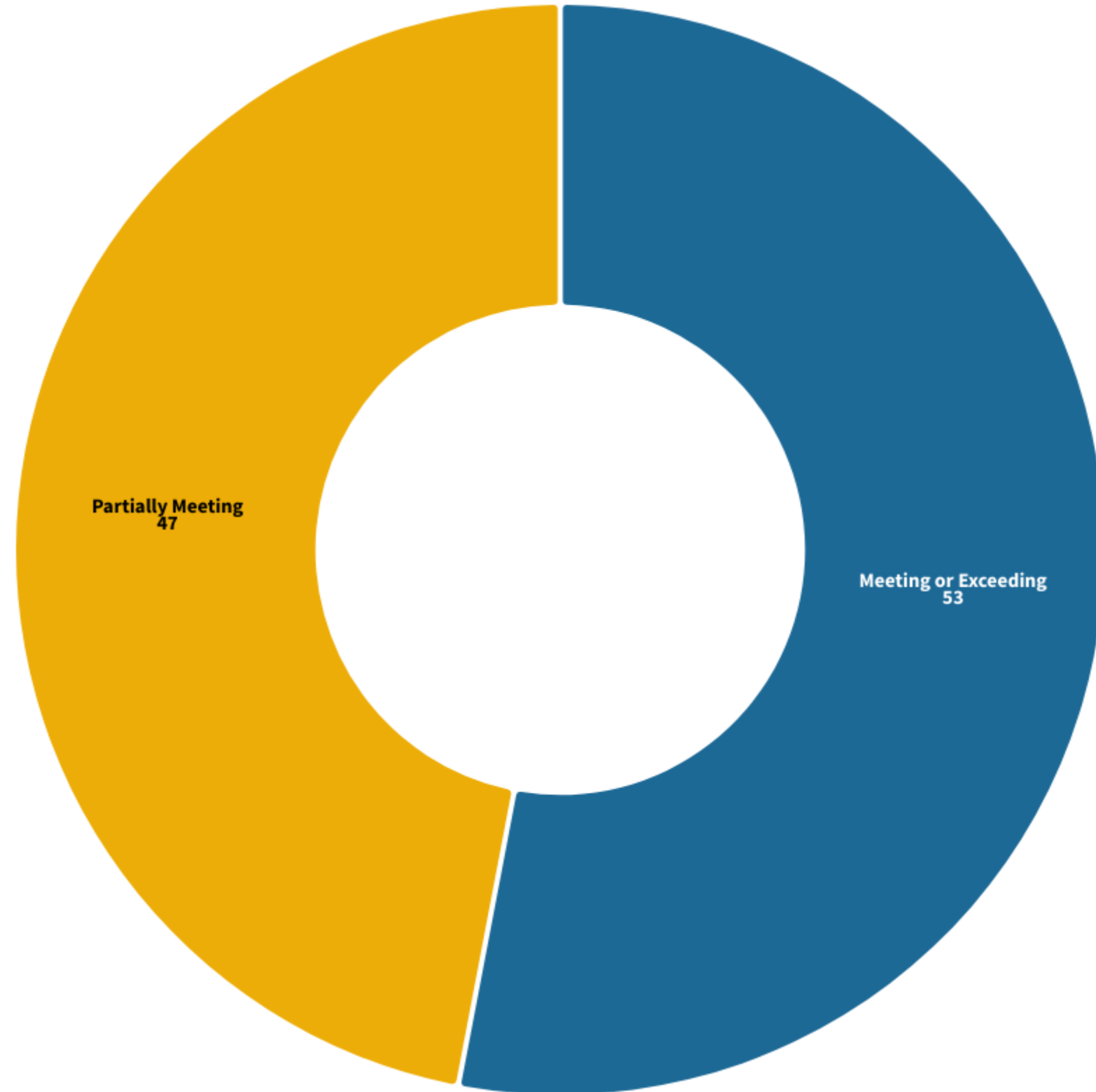
MHD: -9
SW: +10

MHD: -27
SW: +3

MHD: -6
SW: -3

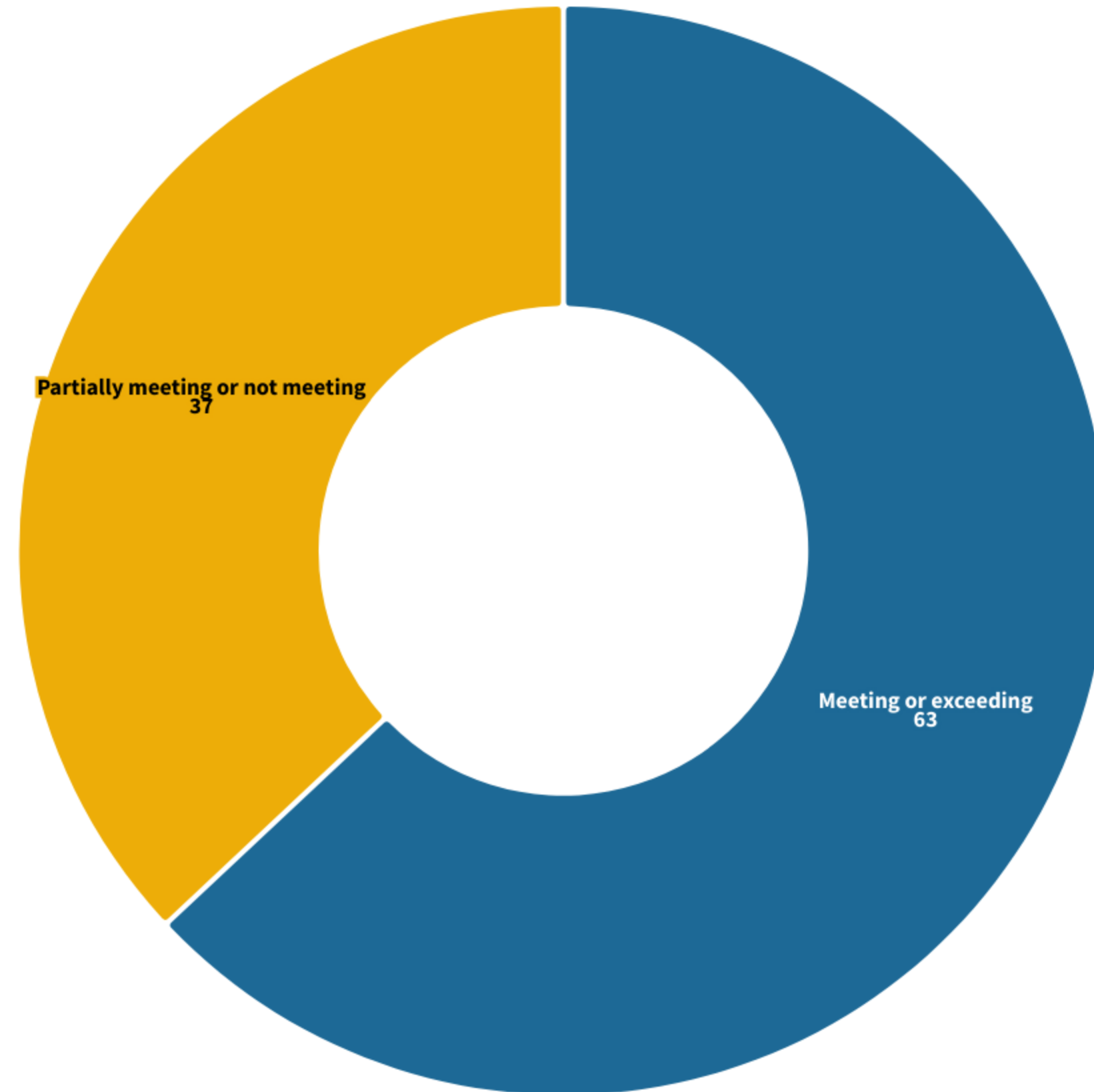
MHD & Swampscott Residents attending Charter 3+ Years

Math



MHD & Swampscott Residents attending Charter 3+ Years

ELA



Takeaways from Staff Data Dives

ELA:

- Challenges
 - Inferences
 - Poetry
 - Open Response Writing

Action Steps: Aligning vocabulary used with kids to MCAS, adding poetry units and Department-wide writing goals connected to MCAS Writing

Math:

Challenges:

- Fractions
- Expressions and Equations
- Multi-step and response questions

Action Steps: Cross-referenced achievement with iReady scores and set student achievement goals based on domains with the largest achievement gaps

Additional Action Steps...

- Weekly Standards Based Data Analysis
 - Map out standards and assessments
 - Review student achievement
 - Plans for reteaching or enriching
- Adopted MTSS System
 - Provided training on Tier 1 differentiated instruction and best practices
 - Grade-level teams created plans for tier 2 supports
 - Formalized documentation for students needing more than tier 1 and tier 2 support and expanded access to support staff based on need, not IEP status
- Learning Acceleration Block (LAB)
 - Extending the school day to 3:20 Mondays for small group instruction