

CBW ELIT: What We Have Seen So Far

Data Refresher



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What the Current ELIT Asks & Measures

Two indicators are measured and scored via data in the ELIT survey.

EL Planning

- 6 items indicating readiness
- Fully in Place (2 pts) | Partially in Place (1 pt) | Not in Place (0 pts)
- Grouped into 3 Levels of Readiness (based on total score)

Systemic MWEEs

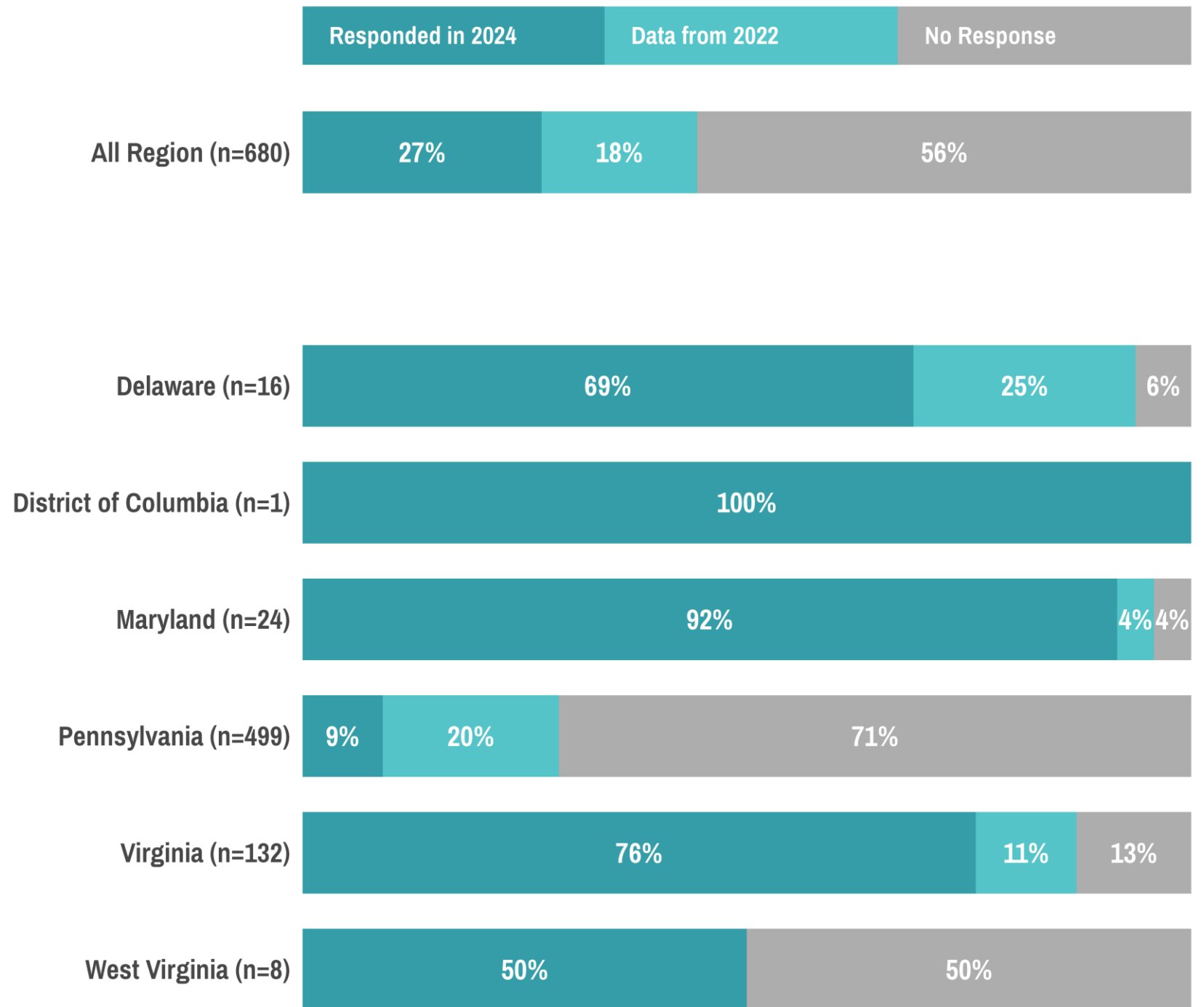
- Systemic = experienced by all students at a grade level
- Rated for each grade K-8
- Rated for each **required** HS subject
- Systemic | At some schools/classes | No known MWEEs
- 3 Indicators: At least one Systemic MWEE in grade band (ES, MS, HS)

Response rate is what drives how confident we can be that results represent the condition of EL across a state or region.

****Lack of response from a district does NOT indicate lack of environmental literacy activity.**

ELIT Response Rate: Percentage of LEAs, by state, responding to the ELIT in 2024

Percentages reflect the proportion of all LEAs in the jurisdiction that responded to the ELIT. WV is the exception; in that state, only LEAs that are within the Watershed are invited to participate in the ELIT.

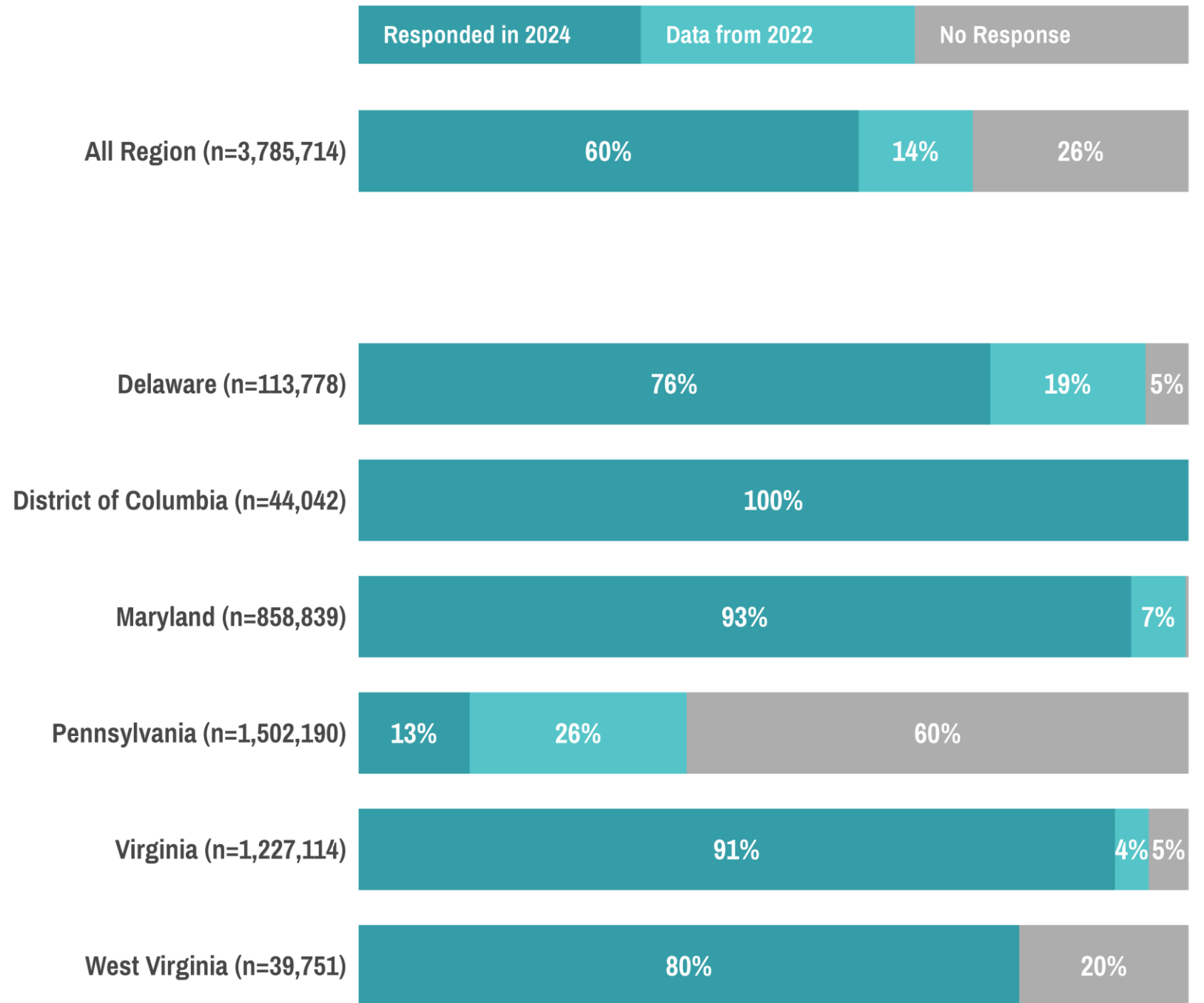


Larger districts are more likely to respond (likely due to capacity).

The ELIT data represent the conditions for a larger proportion of enrolled students than of districts.

ELIT Response Rate: Percentage of Total Enrolled Students at Responding LEAs

Percentages show the proportion of all enrolled students within the region attending LEAs that responded to the ELIT. WV is the exception; in that state, only LEAs that are within the Watershed are invited to participate in the ELIT.



Many interrelated factors relate to lack of participation in the ELIT.



Relationship to Watershed

Participation Rate
within CBW

57%

Participation Rate
outside of CBW

43%



District Size: Enrollment

Average Enrollment at
Participating Districts

10,000

Average Enrollment at
Non-Participating Districts

2,900



Urban Location

Participation Rate at
City Districts

56%

Participation Rate in
Other Locales

36%



District Size: # of Schools

Average Schools in
Participating Districts

17 schools

Average Schools in
Non-Participating Districts

5 schools

State

- All four of the above factors play out differently within each state

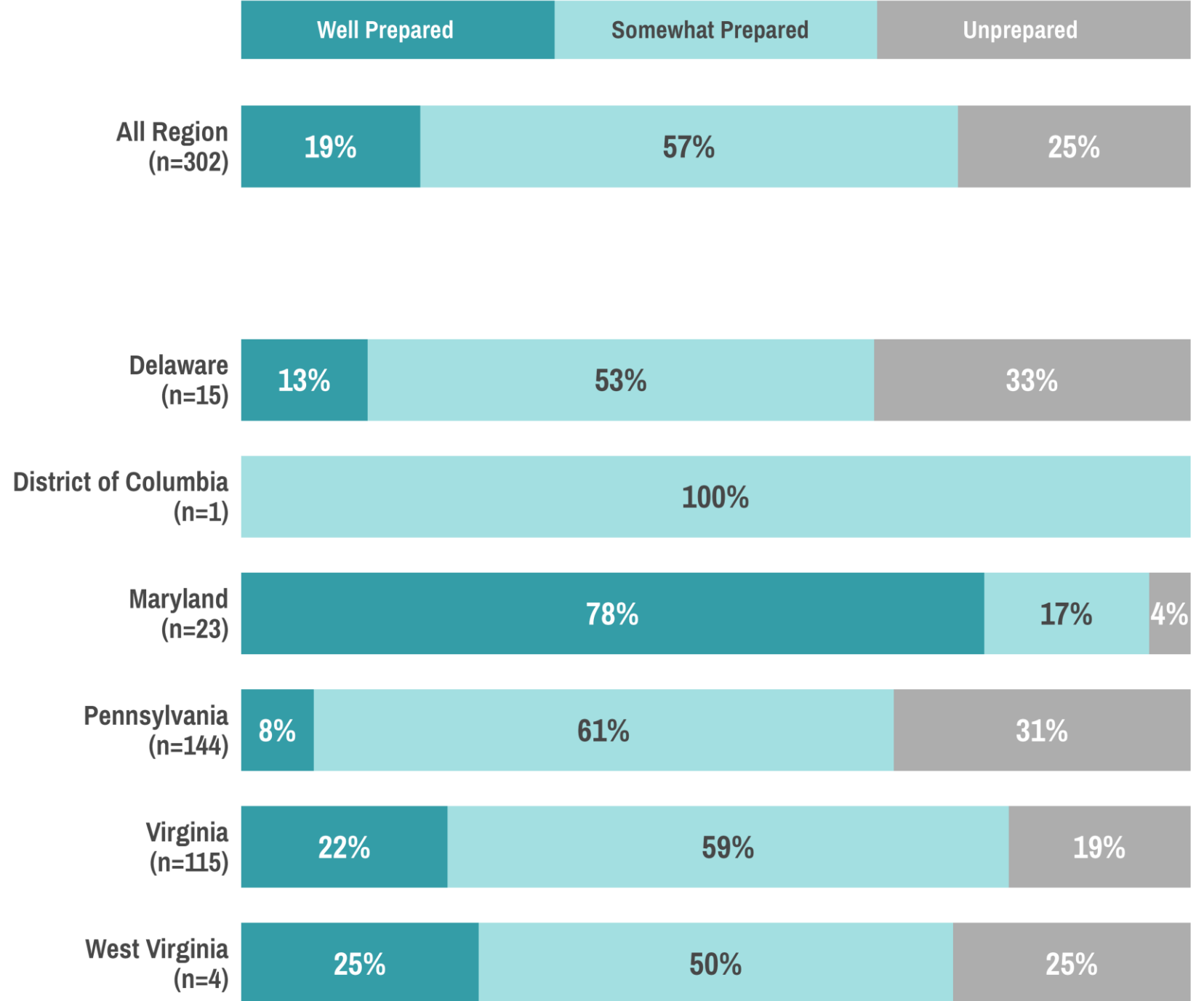
Planning Indicator: What do we know?

In 2024, only 19% of districts scored as well-prepared to implement environmental education.

The majority were somewhat prepared.

Self-Reported Levels of Preparedness to Implement Environmental Education

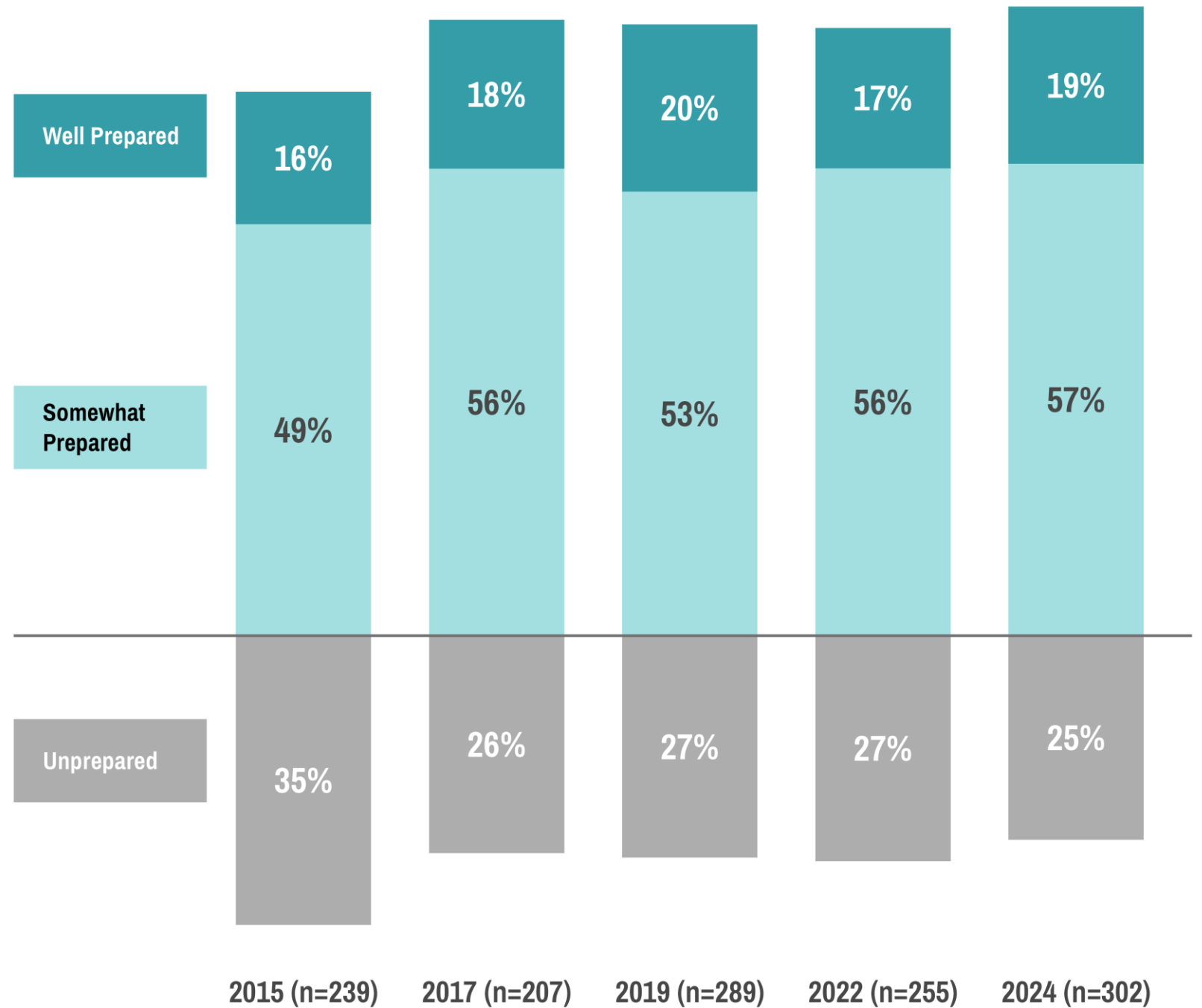
Levels of preparedness is based on a total preparedness score, which derives from answers to six elements of preparedness for EE evaluated by the ELIT.



Historically, this metric has been consistent – only changing by 2-3 points per year.

Changes in Environmental Literacy Preparedness Over Time (2015-2024)

Region-wide preparedness levels in each of the ELIT years' reporting. Divergence illustrates the change in proportion of districts reporting any level of preparedness

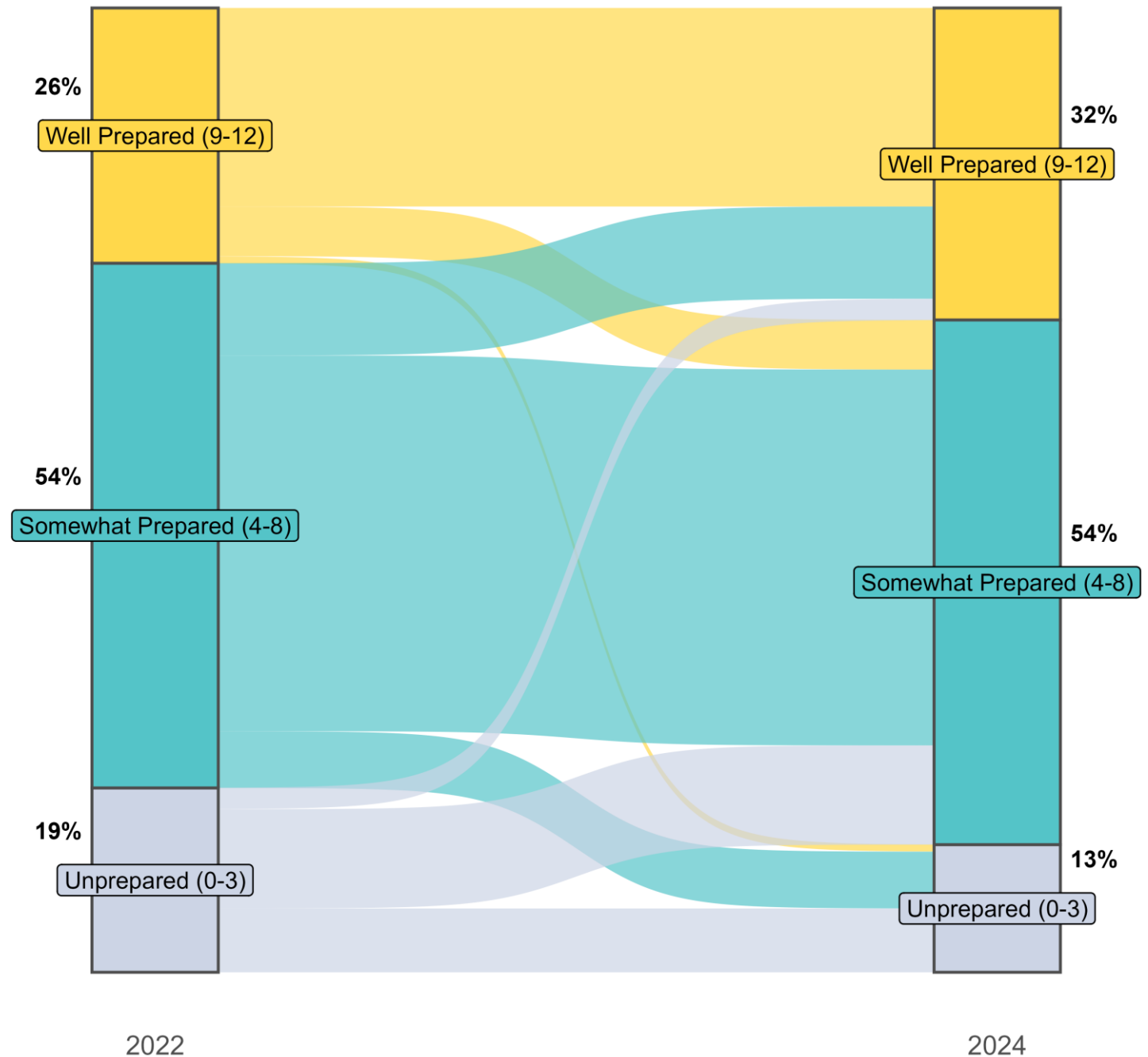


But there was substantial improvement when we isolate districts that provided data in both 2022 and 2024.

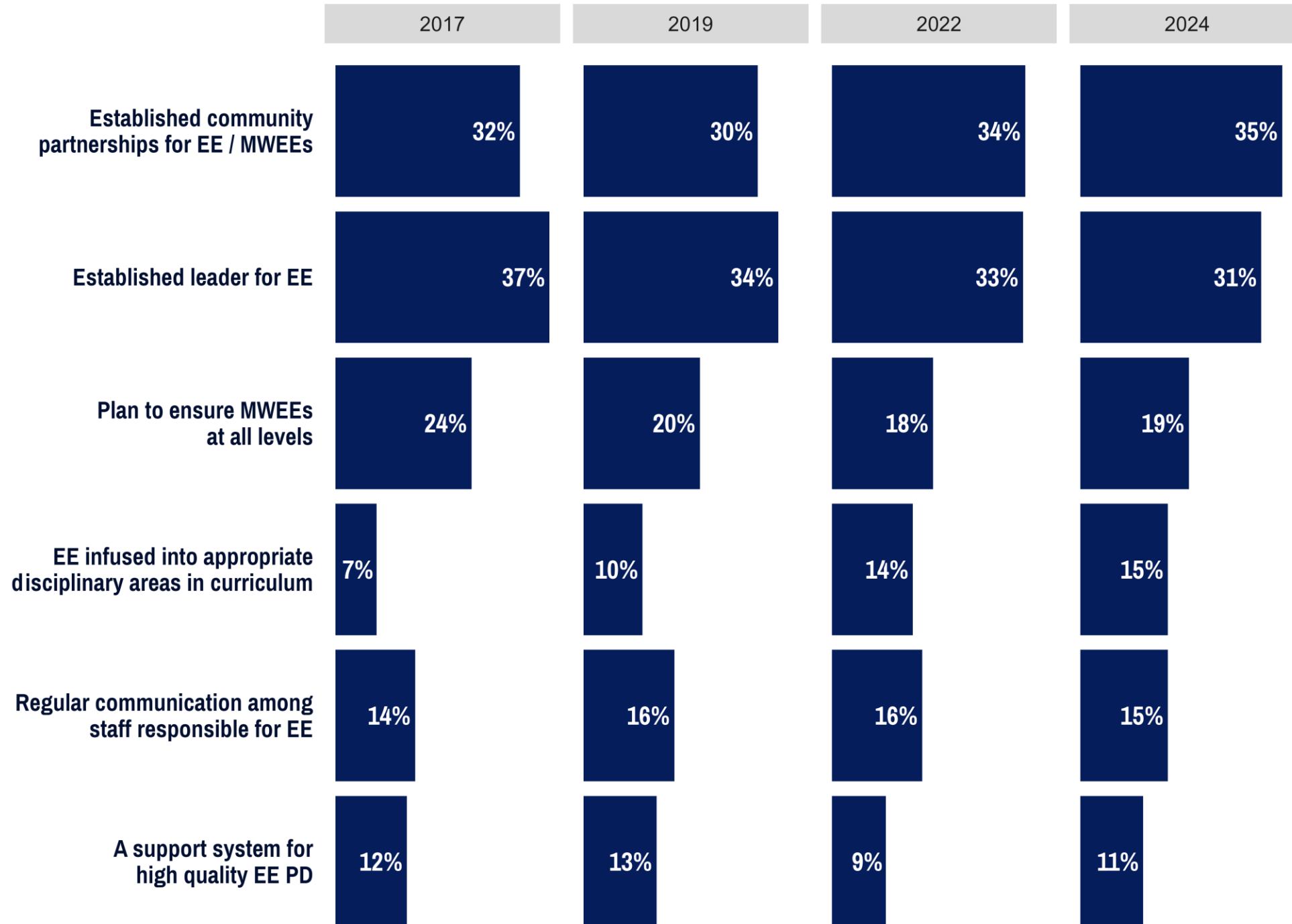
This also shows the complexity of the change that happens.

ELIT Planning: Pathways of Change between 2022 and 2024

This graphic shows how the planning level of individual school districts changed between the 2022 and 2024 ELIT. It includes only districts that responded to the survey in both years.



Percentage of Districts with Each Element Fully in Place, by Year.



Districts are most likely to have community partners and an established EE leader fully in place.

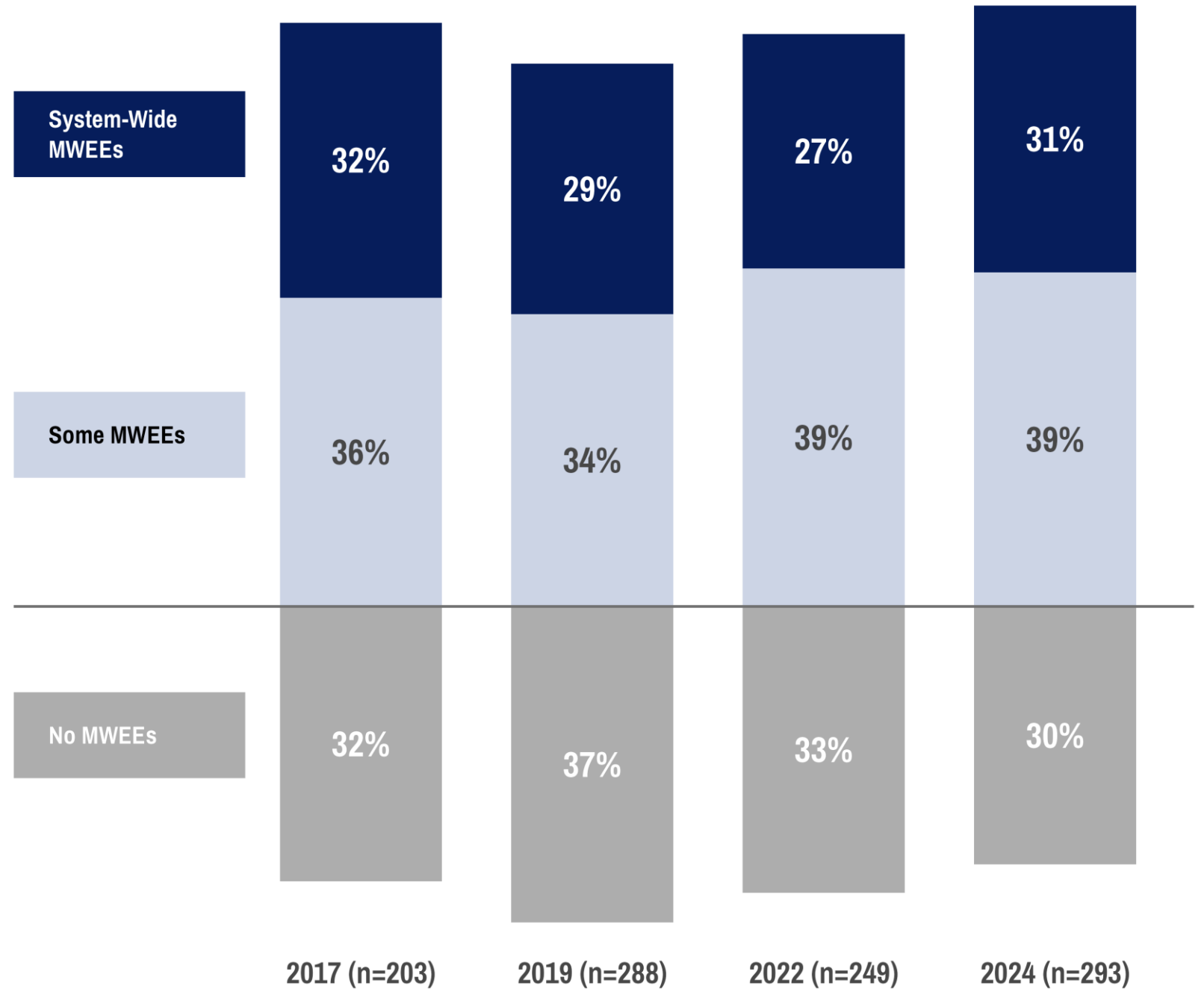
**Note: “Established leader” does not offer a mid-point response; it can only be fully in place or not in place.*

MWEEs by Grade Band (Current Metric)

Elementary Grades (K-5)

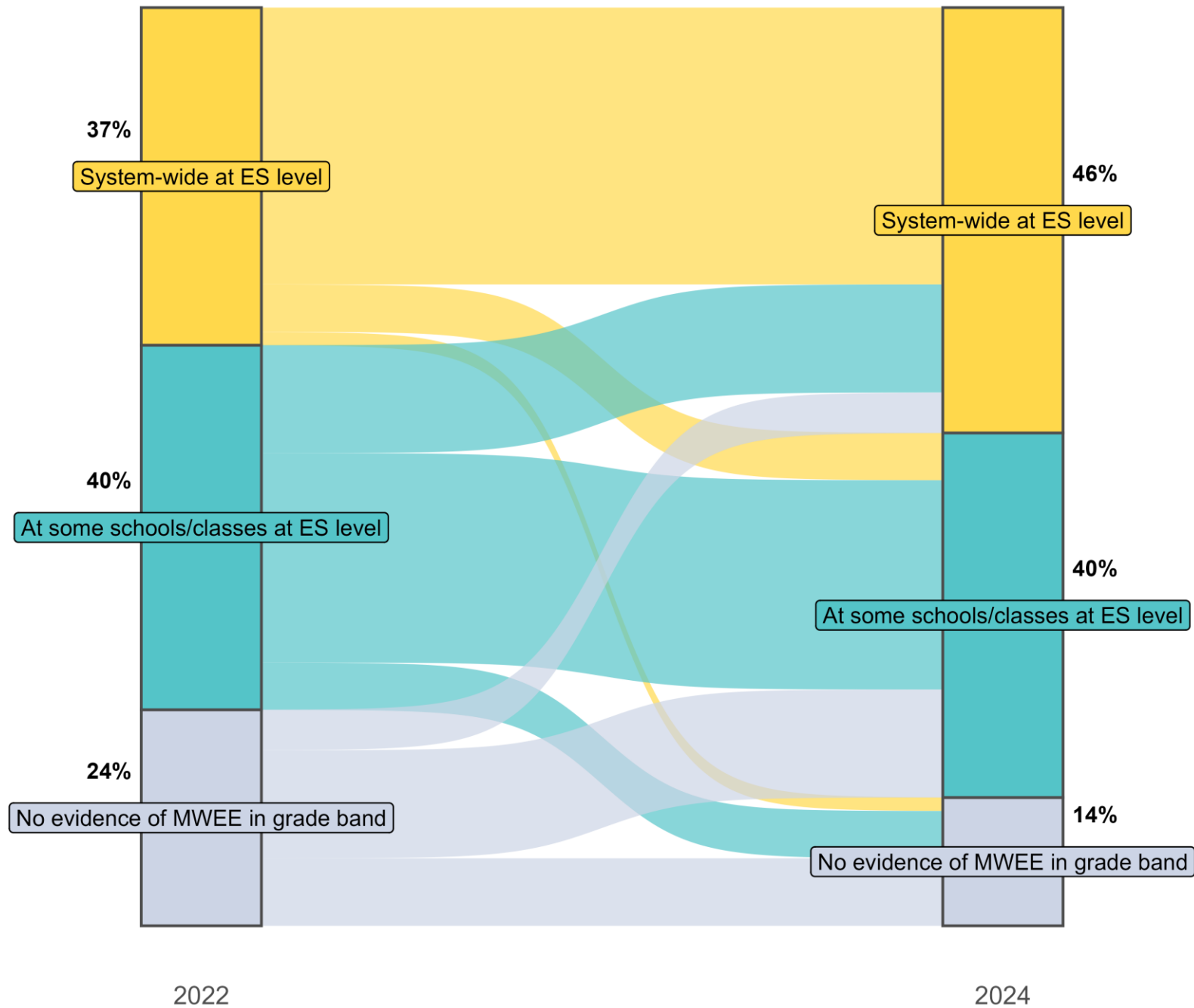
We see some rebound in ES MWEEs in 2024.

Changes in MWEE Availability in the Region: Elementary Grades (2017-2024)



ES MWEEs: Pathways of Change between 2022 and 2024

This graphic shows how the presence of MWEEs of individual school districts changed between the 2022 and 2024 ELIT. It includes only districts that responded to the survey in both years.



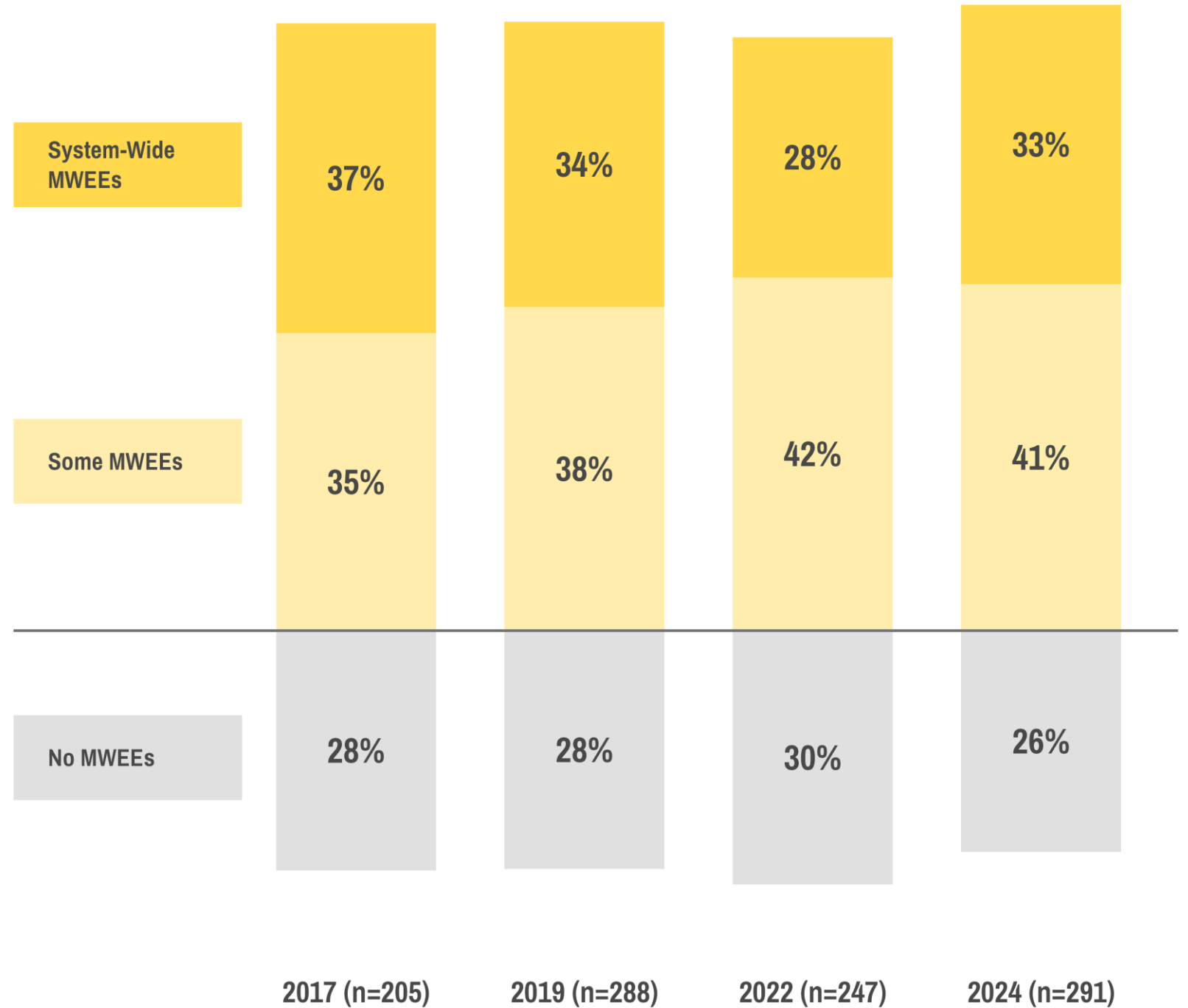
The improvement is dramatically better when limited to paired 2022 and 2024 districts.

9% more systemic MWEEs

Middle School Grades (6-8)

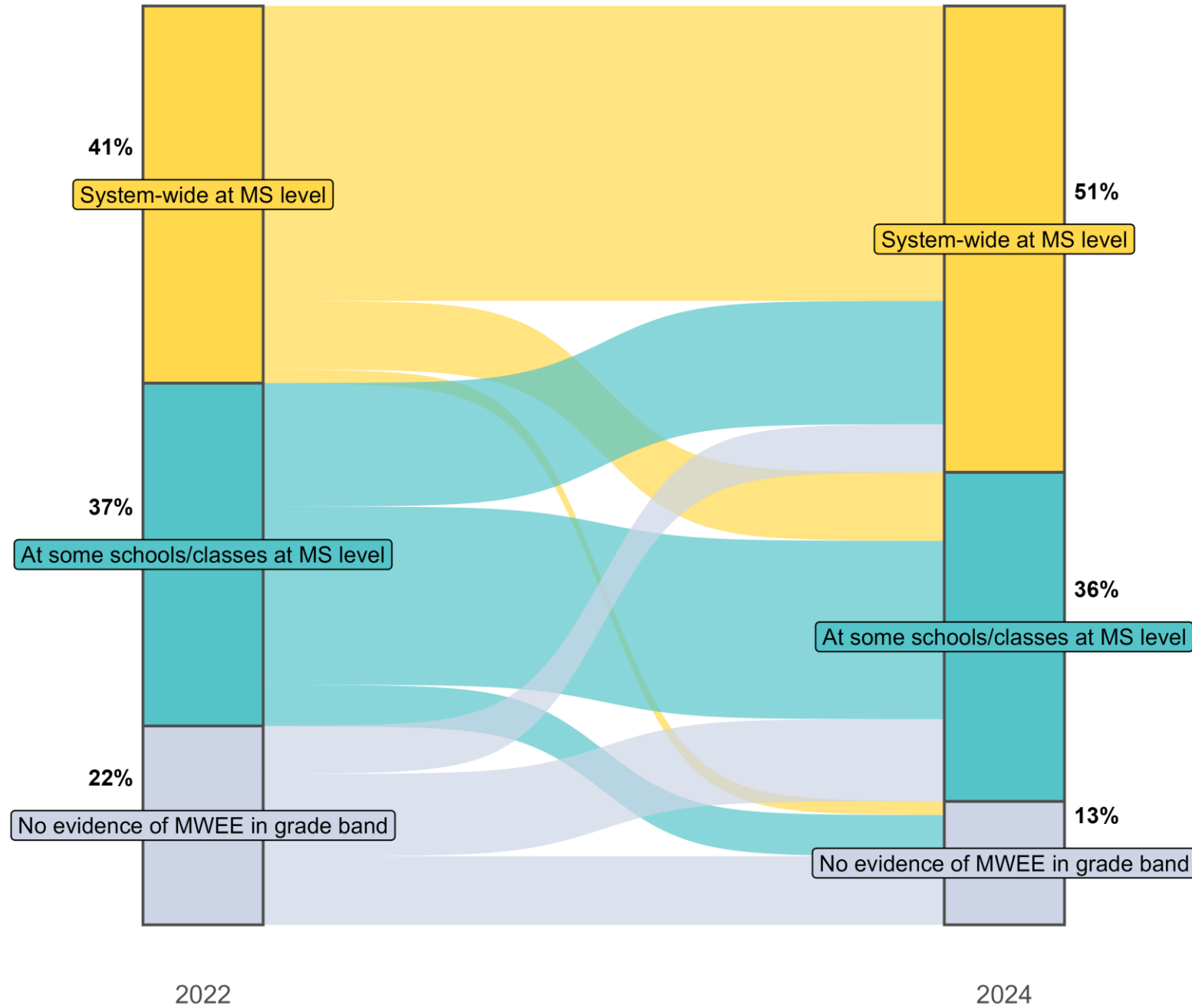
We see some growth in MS MWEEs in 2024.

Changes in MWEE Availability in the Region: Middle School Grades (2017-2024)



MS MWEEs: Pathways of Change between 2022 and 2024

This graphic shows how the presence of MWEEs of individual school districts changed between the 2022 and 2024 ELIT. It includes only districts that responded to the survey in both years.



The improvement is dramatically better when limited to paired 2022 and 2024 districts.

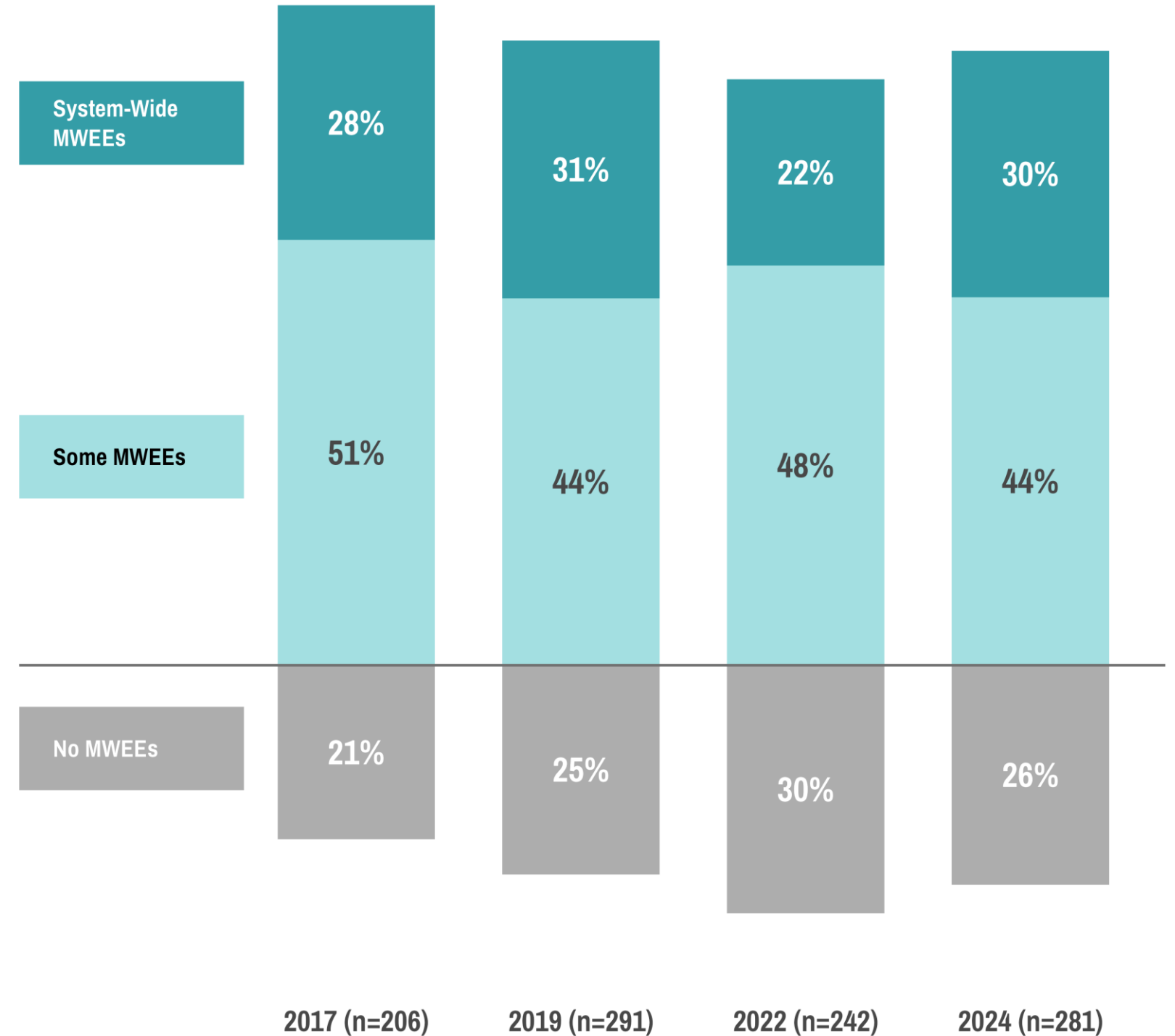
10% more systemic MWEEs

High School: Required Classes

While not 2017 levels, there's been a rebound of MWEEs in 2024.

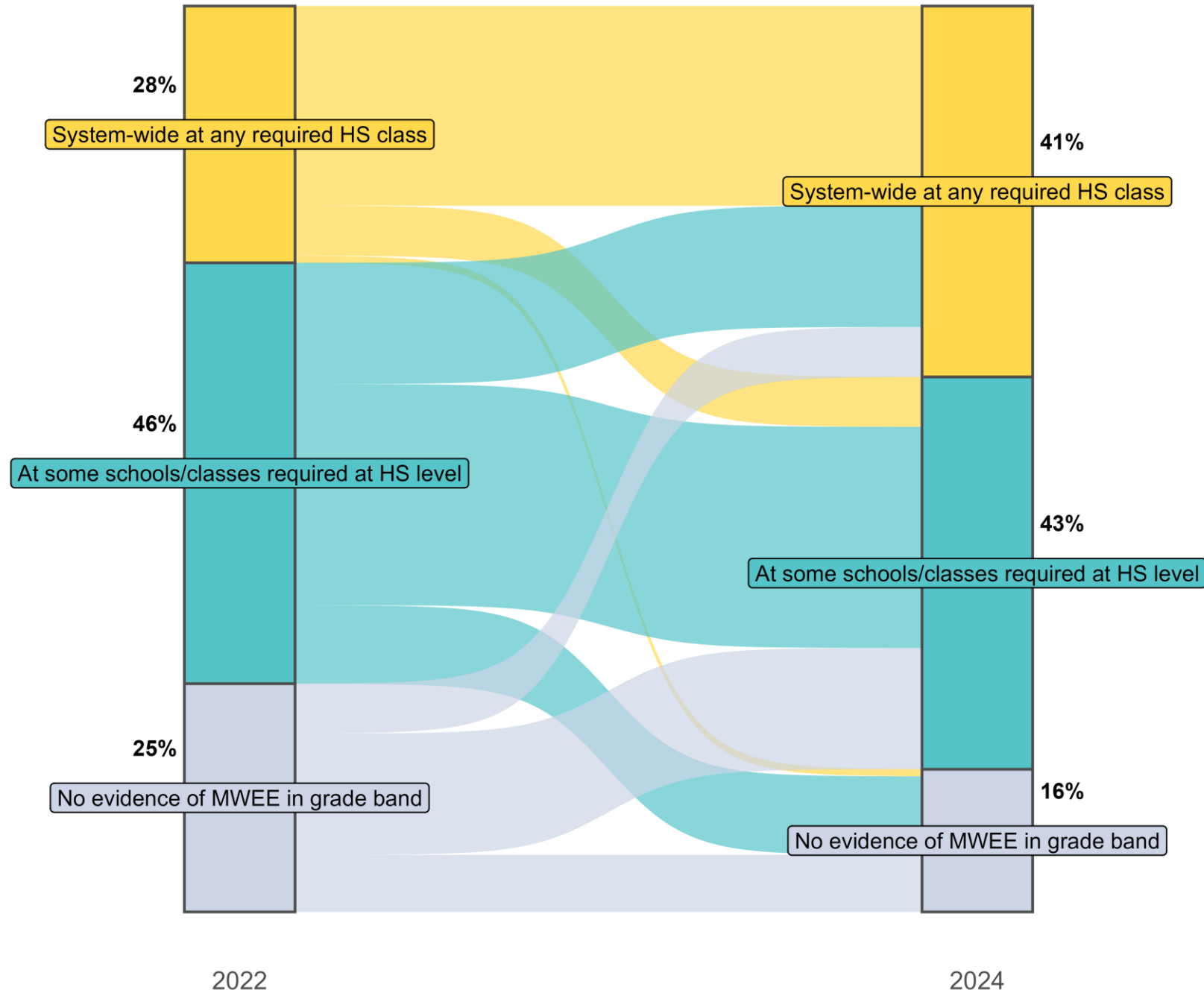
Note: This indicator has been extremely difficult to measure or report accurately for HS because of flexibility of graduation requirements.

Changes in MWEE Availability in the Region: High School Grades (2017-2024)



HS MWEEs: Pathways of Change between 2022 and 2024

This graphic shows how the presence of MWEEs of individual school districts changed between the 2022 and 2024 ELIT. It includes only districts that responded to the survey in both years.



The improvement is dramatically better when limited to paired 2022 and 2024 districts.

13% more districts reporting system-wide MWEEs in required courses.

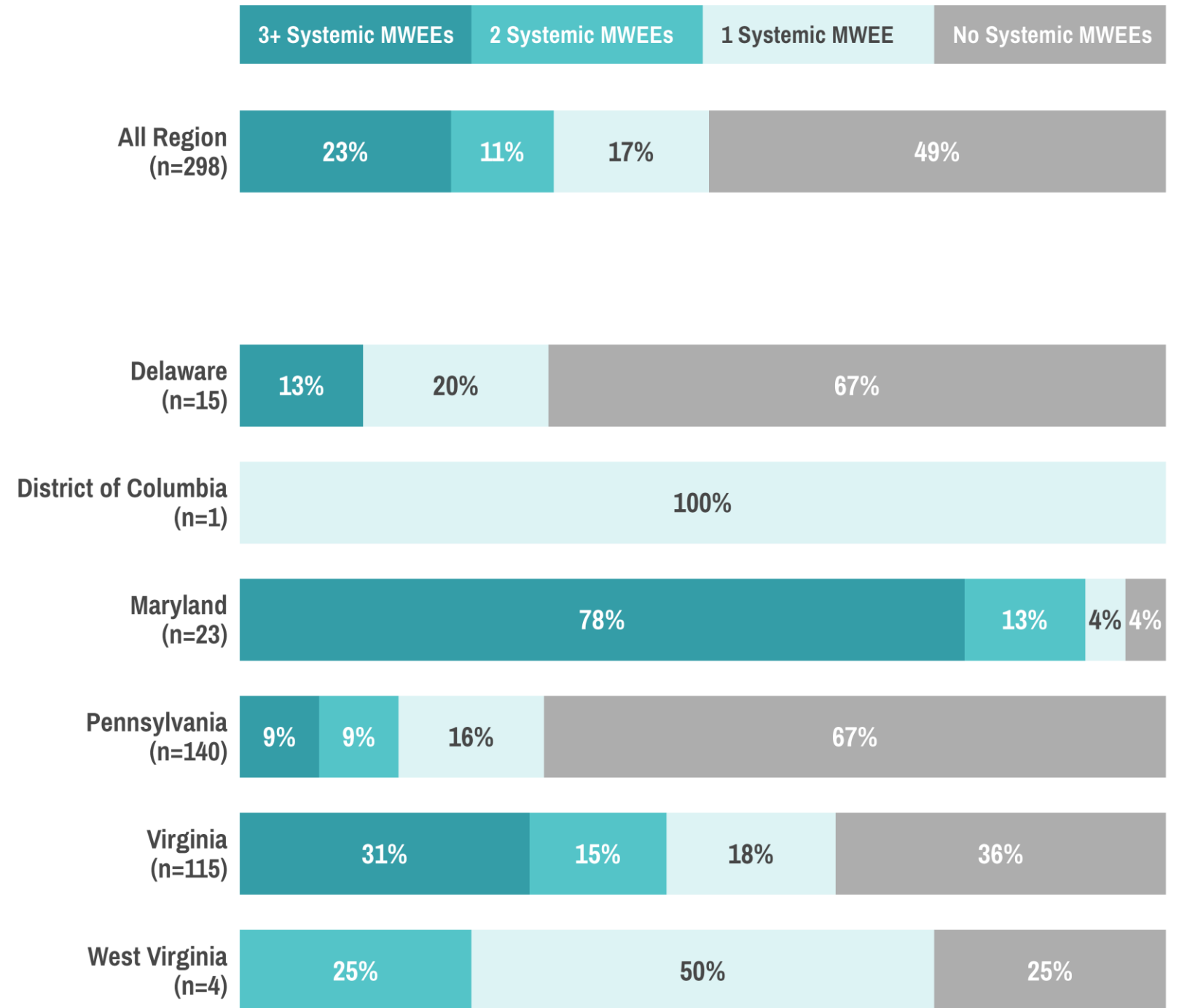
MWEEs Another Way: 2+ at Any Grade

If we only counted number of systemic MWEEs – regardless of grade band:

34% of districts would hit this mark in 2024 data.

**Marginally better than current metrics (30-33% success).*

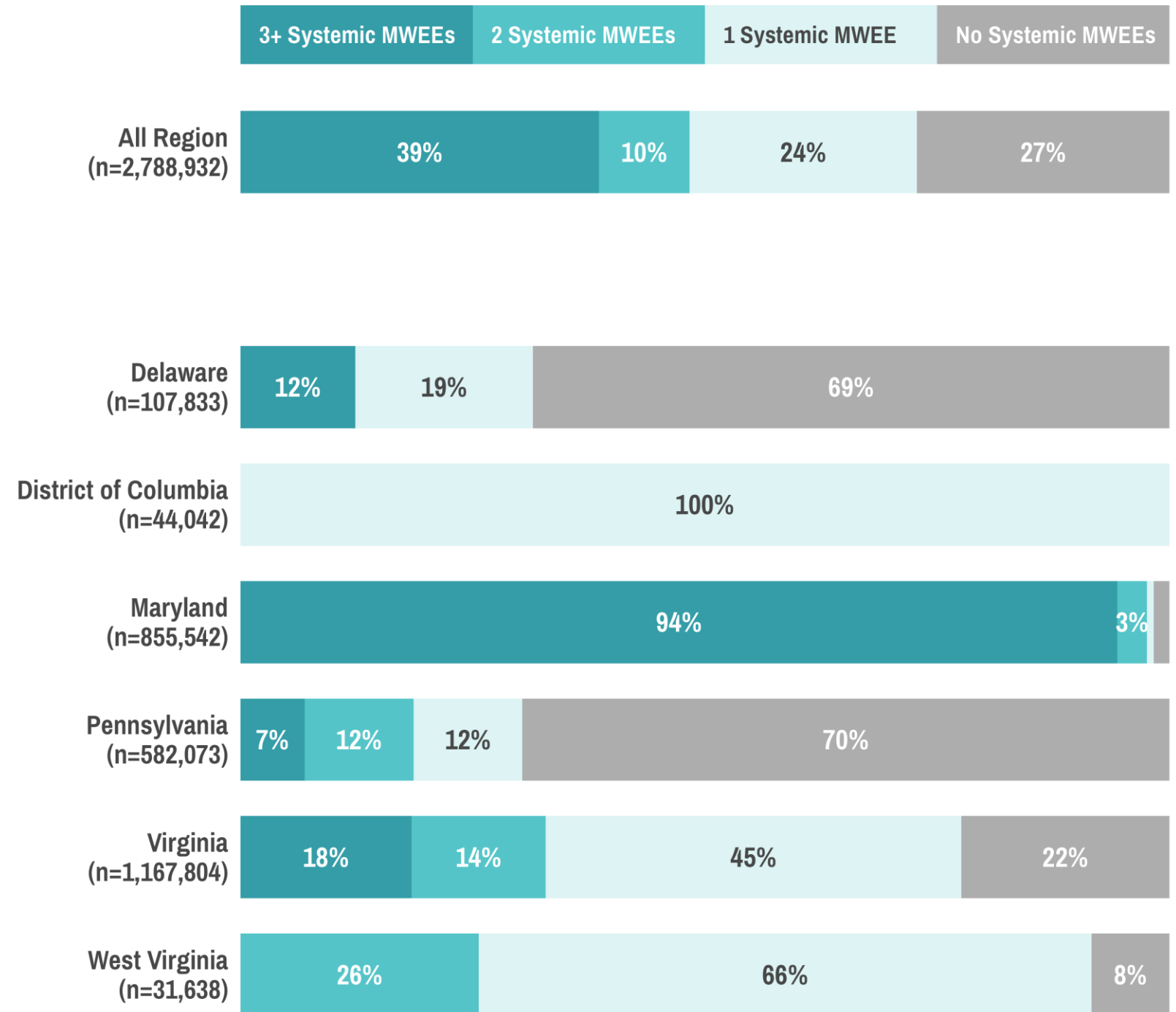
Number of System-Wide MWEEs by State (regardless of grade band) in 2024



If we only counted number of systemic MWEEs – regardless of grade band:

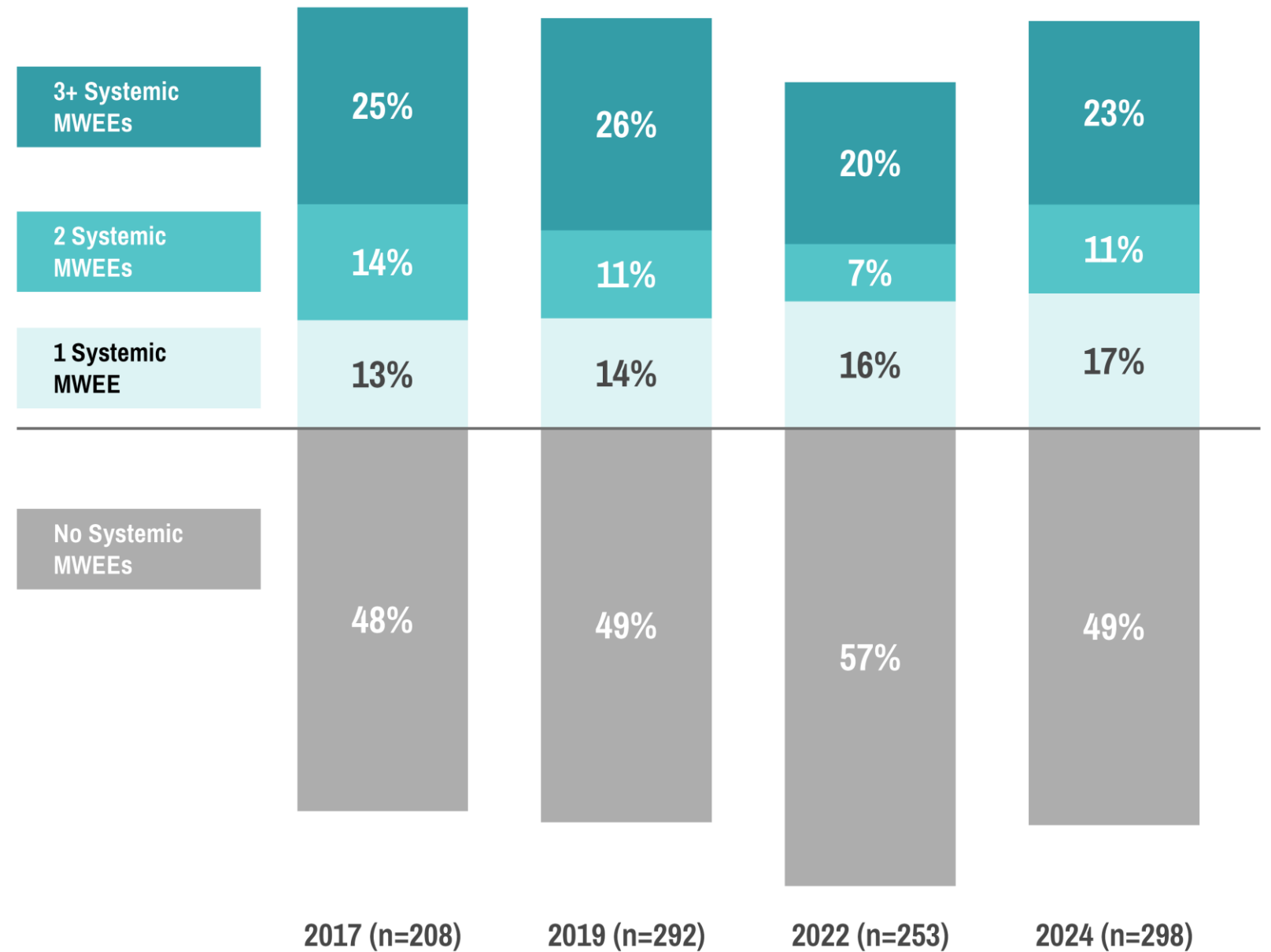
49% of enrolled students would be within districts that hit this mark in 2024.

Number of System-Wide MWEEs by Enrollment (regardless of grade band) in 2024



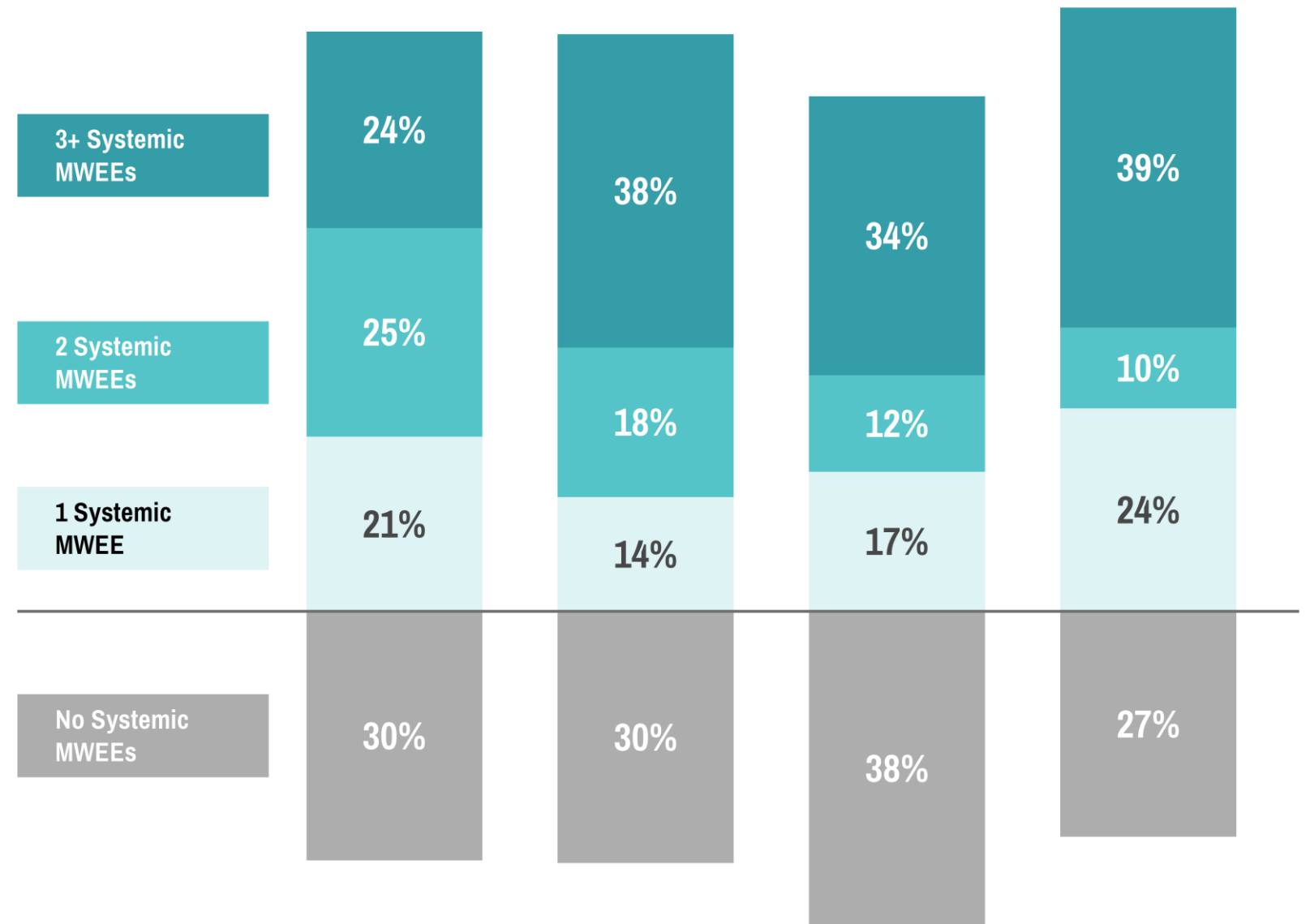
Over time, this metric would have dipped in 2022, but is rebounding in 2024.

% of Districts: Changes in Number of Systemic MWEEs (2017-2024)
(Regardless of which grade bands they occur within)



When measuring based on coverage of enrolled students, the pattern is the same – but the proportions look better.

% of Enrolled Students: Changes in Number of Systemic MWEEs (2017-2024)
(Regardless of which grade bands they occur within)



2017 (n=2,282,847) 2019 (n=2,597,765) 2022 (n=2,553,584) 2024 (n=2,788,932)

We love thinking about this stuff.

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