

# Achievement Report Pembroke Public Schools

November 6, 2025

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**OUR MISSION:**  
To ensure student achievement through  
excellence in teaching and learning.

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**2025 Mass Comprehensive Assessment System**

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**2025 Advanced Placement Exams**

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**2025 Scholastic Aptitude Exams**

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**2025 American College Testing**



**desse**

The image shows the word "desse" in a bold, dark blue, lowercase sans-serif font. Above the letters 's' and 'e', there is a yellow paw print graphic with four distinct pads. The entire graphic is centered on a plain white background.

# 2025 MCAS Administration History

The Massachusetts Comprehensive Assessment System was eliminated as a high school graduation requirement in November of 2024.

This decision means that while students will still take the MCAS tests, their scores will no longer determine whether they graduate. Instead, students must demonstrate competency through coursework.

Year	Grades 3-8	Grade 9	Grade 10
2020	No tests administered	No tests administered	No tests administered
2021	<b>Half-test administered</b>	Legacy Biology test administered	Full test administered
2022	Full test administered	First Year Next Generation Test	Full test administered
2023	Full test administered	Second Year Next Generation Test	Full test administered
2024	Full test administered	Third Year Next Generation Test	Full test administered
2025	Full test administered	Full Test administered in Biology	Full test administered

# 2025 MCAS Reporting

Name: Doe, Jonathan H.  
SASID: 1234567890

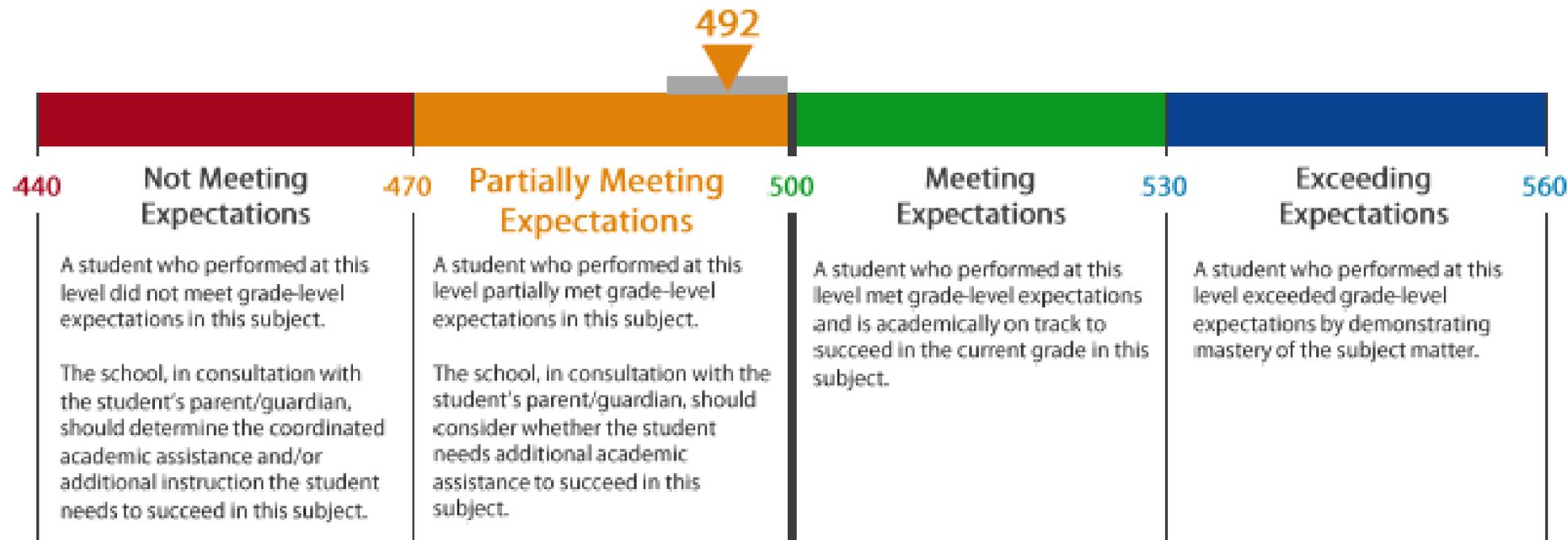
Grade 8  
Spring 2017

## English Language Arts Results

Computer-based test

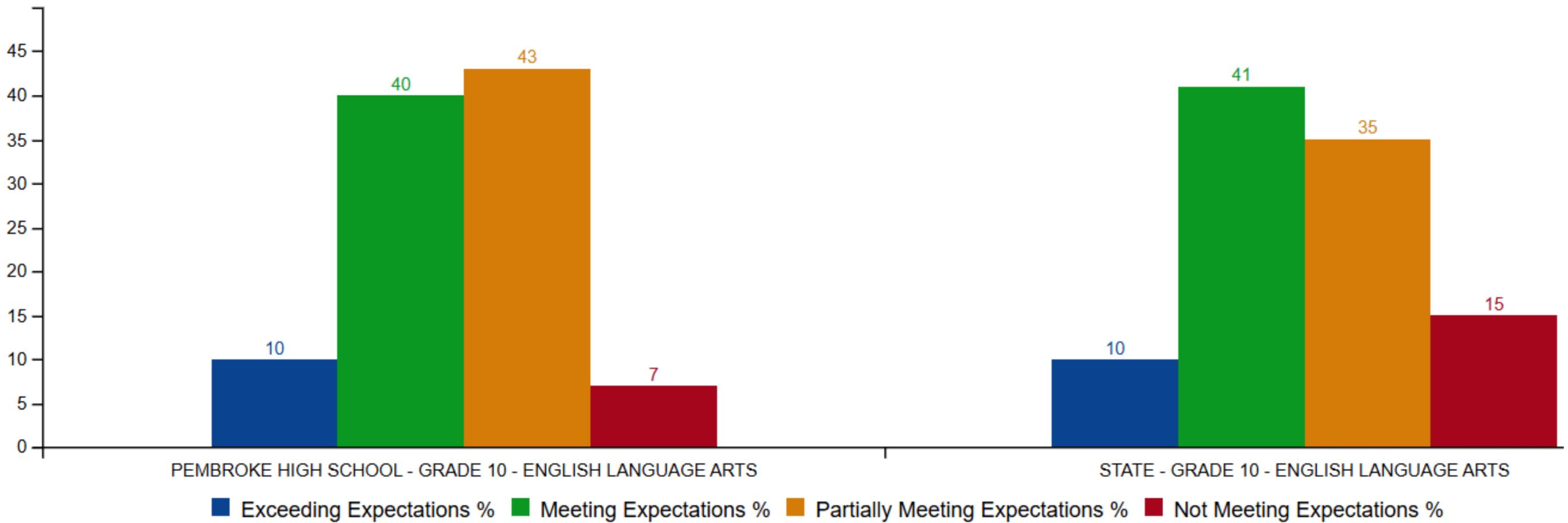
Your Child's Achievement Level: **Partially Meeting Expectations**

Your Child's Score: **492**



In the figure above, the triangle indicates your child's score on the test. The gray bar shows

# 2025 Grade 10 CAS 10- English Language Arts ELA+71%



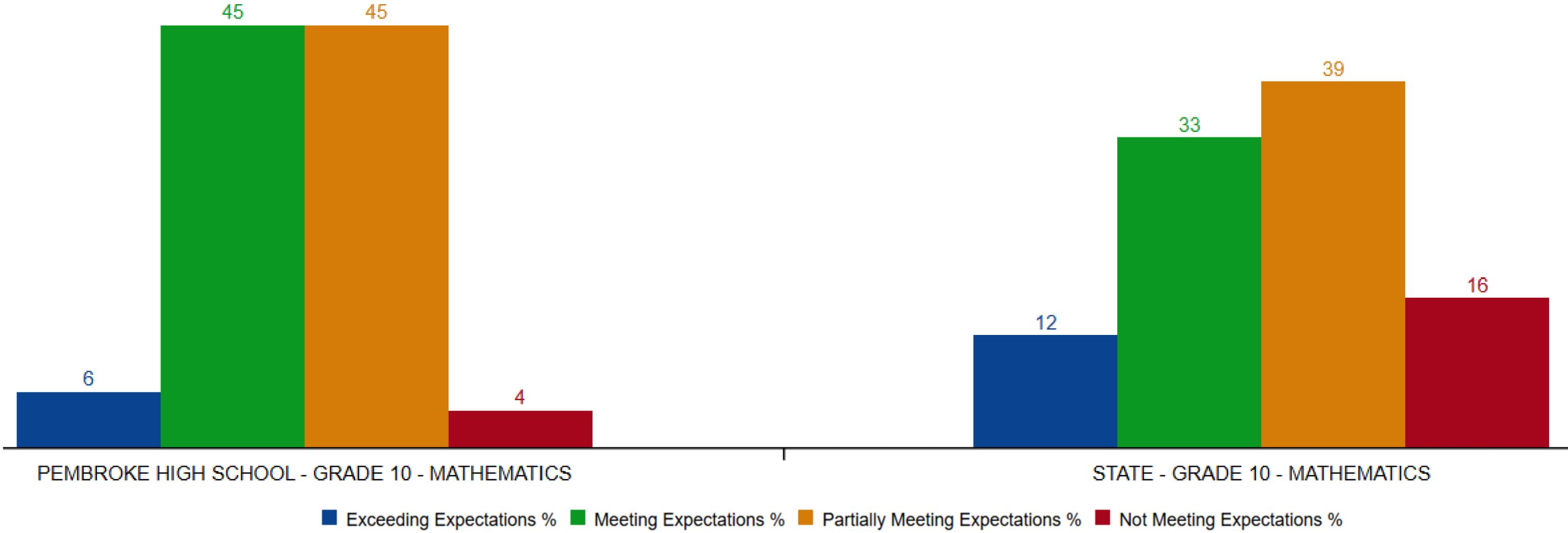
■ Exceeding Expectations % ■ Meeting Expectations % ■ Partially Meeting Expectations % ■ Not Meeting Expectations %

**2019 ME+74%**

**2024 ME+71%**

# 2025 Grade 10 MCAS: Mathematics

## ME+ 51%



2019 ME+66%

2024 ME+65%

# Grade 10 ELA & Mathematics: Trends

GRADE 10 - ENGLISH LANGUAGE ARTS					
ACHIEVEMENT LEVEL		2022	2023	2024	2025
	Exceeding Expectations (E)	7	22	18	10
	Meeting Expectations (M)	63	52	53	40
	Partially Meeting Expectations (PM)	29	23	24	43
	Not Meeting Expectations (NM)	2	2	5	7

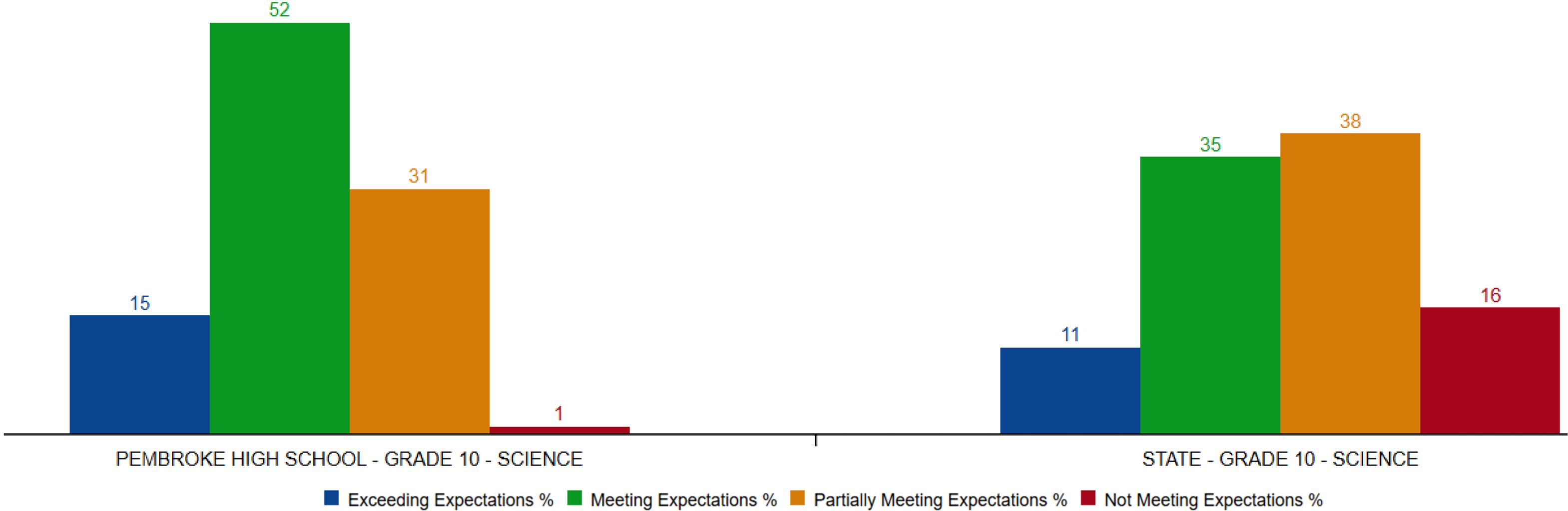
2025 Participation Rate = 100%

GRADE 10 - MATHEMATICS					
ACHIEVEMENT LEVEL		2022	2023	2024	2025
	Exceeding Expectations (E)	9	9	14	6
	Meeting Expectations (M)	56	56	51	45
	Partially Meeting Expectations (PM)	31	33	31	45
	Not Meeting Expectations (NM)	3	2	4	4

2025 Participation Rate = 100%

# 2025 Grade 9 MCAS: Biology

## ME+ 67%



**2024 ME+68%**

Unlike ELA and mathematics, Biology scores can not be compared to 2019 scores as the Next Generation Bio Test was not administered until 2022.

# Grade 9 Biology Trends

<b>GRADE 10 - SCIENCE</b>					
<b>ACHIEVEMENT LEVEL</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
	<b>Exceeding Expectations (E)</b>	9	15	19	15
	<b>Meeting Expectations (M)</b>	55	42	49	52
	<b>Partially Meeting Expectations (PM)</b>	35	41	29	31
	<b>Not Meeting Expectations (NM)</b>	1	3	3	1

**2025 Participation Rate = 100%**

# John and Abigail Adams Scholarship

## Tuition Awards

- Recipients of the John and Abigail Adams Scholarship are eligible for an award of a merit-based credit toward tuition.
- Individual student awards\* shall be valued at:
  - \$1,714 at Amherst,
  - \$1,714 at Boston,
  - \$1,417 at Dartmouth
  - \$1,454 at Lowell
  - \$910 at Bridgewater

\*Award site has not been updated since 2023  
test

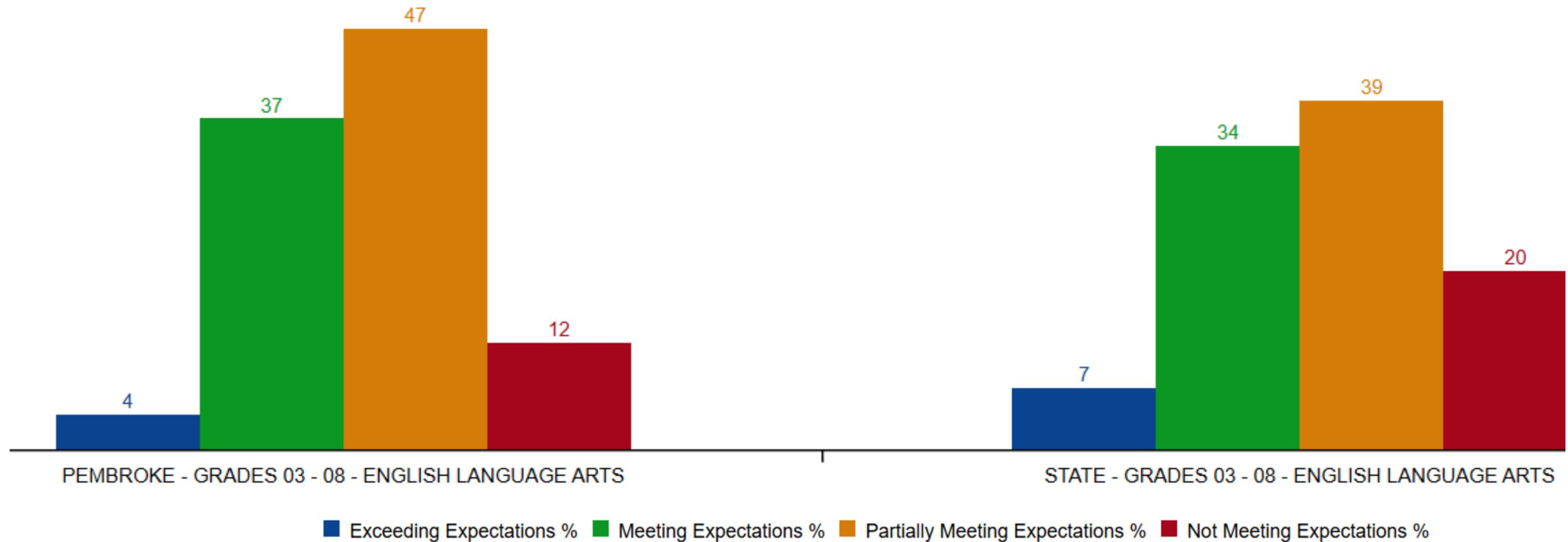
# John and Abigail Adams Scholarship

## Eligibility

- Score in the Exceeding Expectations category on one of three high school state assessment tests in English Language Arts, Mathematics, or STE (Biology, Introductory Physics)
- Score in the Meeting Expectations or Exceeding Expectations category on the remaining two high school state assessment tests
- Have a combined MCAS score on these assessments that ranks in the top 25% in their school district.

# 2025 MCAS Grades 3-8 English Language Arts

## District Wide ME+ 41%



**2019 ME+ 59%**

**2024 ME+ 43%**

# 2025 MCAS English Language Arts: PCMS

**Gr 7 ME+ 43% State 42%**

GRADE 07 - ENGLISH LANGUAGE ARTS				
ACHIEVEMENT LEVEL	2022	2023	2024	2025
Exceeding Expectations (E)	5	6	9	3
Meeting Expectations (M)	38	46	33	40
Partially Meeting Expectations (PM)	47	41	49	44
Not Meeting Expectations (NM)	10	8	8	12

2025 Participation Rate = 98%

**2019 ME+ Grade 7= 55%**

**Gr 8 ME+ 30% State 44%**

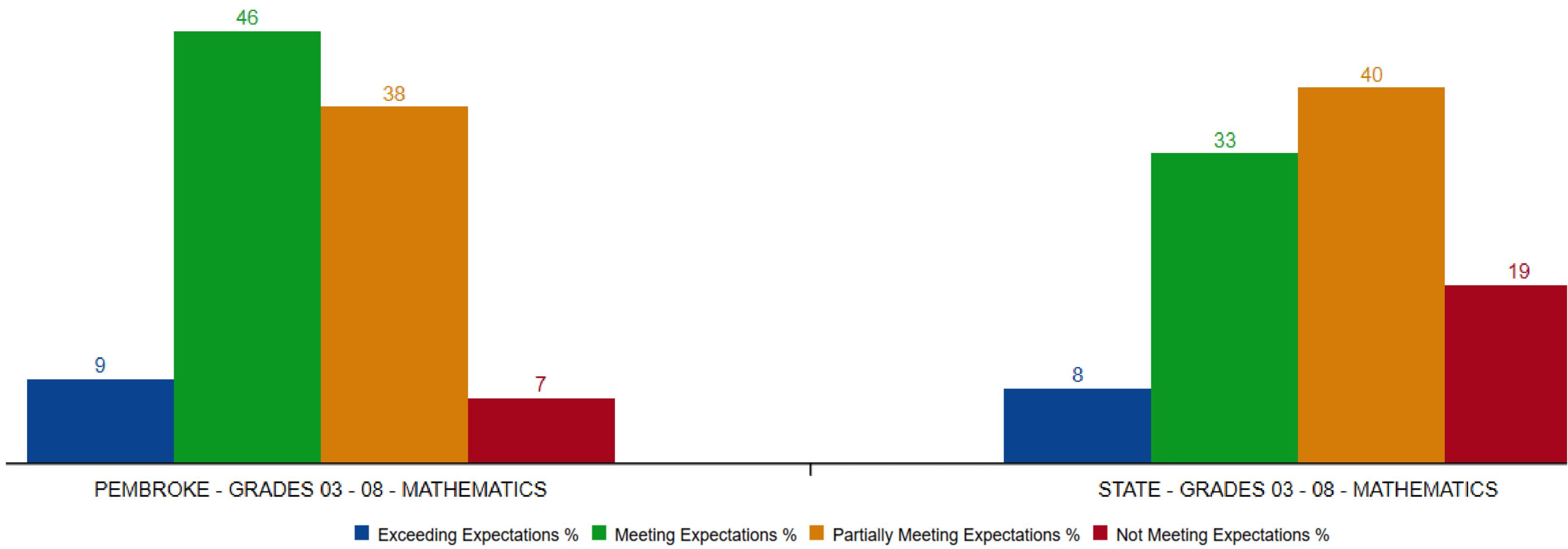
GRADE 08 - ENGLISH LANGUAGE ARTS				
ACHIEVEMENT LEVEL	2022	2023	2024	2025
Exceeding Expectations (E)	3	4	4	1
Meeting Expectations (M)	45	38	36	29
Partially Meeting Expectations (PM)	42	46	47	55
Not Meeting Expectations (NM)	11	12	13	15

2025 Participation Rate = 96%

**2019 ME+ Grade 8= 50%**

# 2025 MCAS Grades 3-8 Mathematics

## District Wide ME+ 55%



**2019 ME+ 62%**

**2024 ME+ 59%**

# 2025 MCAS Mathematics: PCMS

**Gr 7 ME+ 54% State 39%**

GRADE 07 - MATHEMATICS					
ACHIEVEMENT LEVEL		2022	2023	2024	2025
	Exceeding Expectations (E)	7	7	6	7
	Meeting Expectations (M)	44	47	41	47
	Partially Meeting Expectations (PM)	44	39	45	38
	Not Meeting Expectations (NM)	4	8	9	8

2025 Participation Rate = 98%

**2019 ME+ Grade 7= 54 %**

**Gr 8 ME+ 56% State 38%**

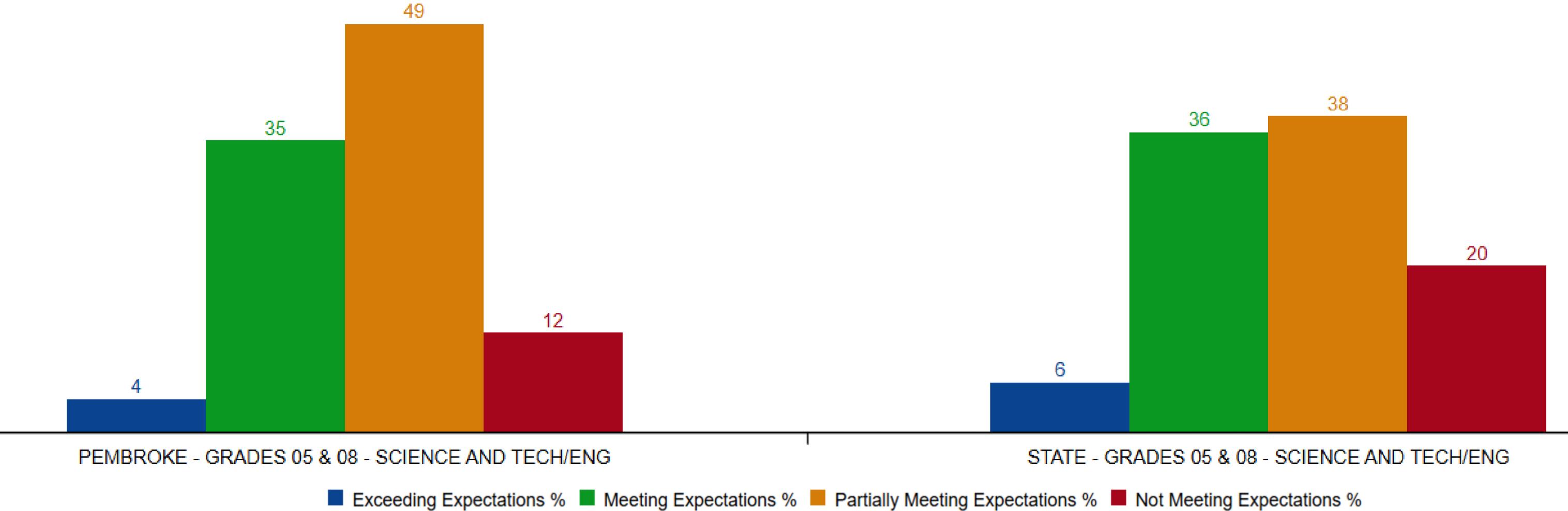
GRADE 08 - MATHEMATICS					
ACHIEVEMENT LEVEL		2022	2023	2024	2025
	Exceeding Expectations (E)	8	12	7	8
	Meeting Expectations (M)	52	53	63	48
	Partially Meeting Expectations (PM)	37	32	26	37
	Not Meeting Expectations (NM)	4	4	4	7

2025 Participation Rate = 97%

**2019 ME+ Grade 8= 59 %**

# 2025 MCAS Grades 5-8 Science

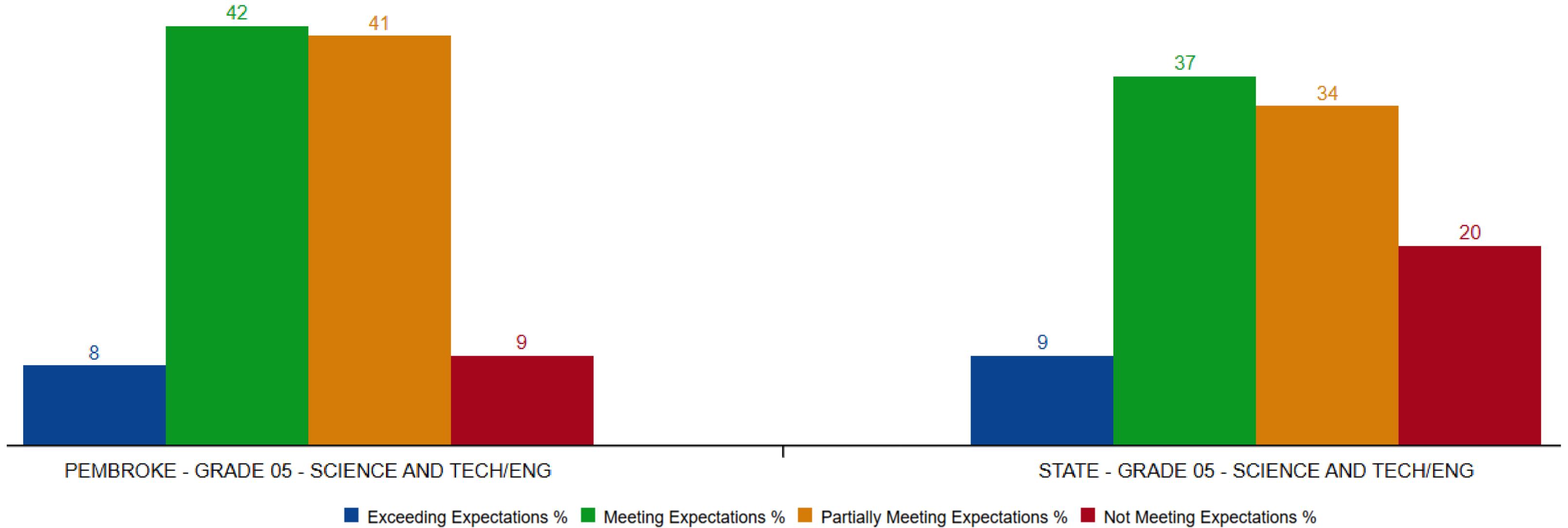
## ME+ 39%



**2019 ME+ 56%**

**2024 ME+ 39**

# 2025 MCAS Grade 5 Science & Technology/Engineering District Wide ME+ 50%

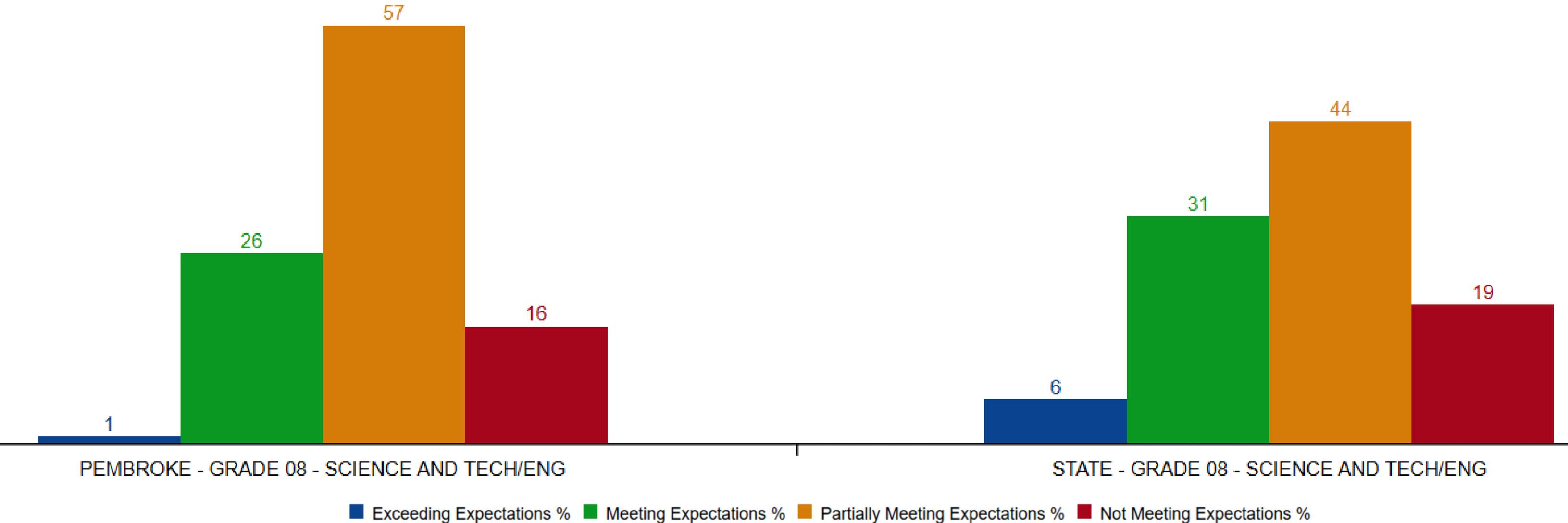


**2019 ME+ Grade 5= 67 %**

**2024 ME+ Grade 5= 47 %**

**The Grade 5 STE Exam tests content and skills acquired in Grades 3-5**

# 2025 MCAS Grade 8 Science & Technology/Engineering ME+ 27%



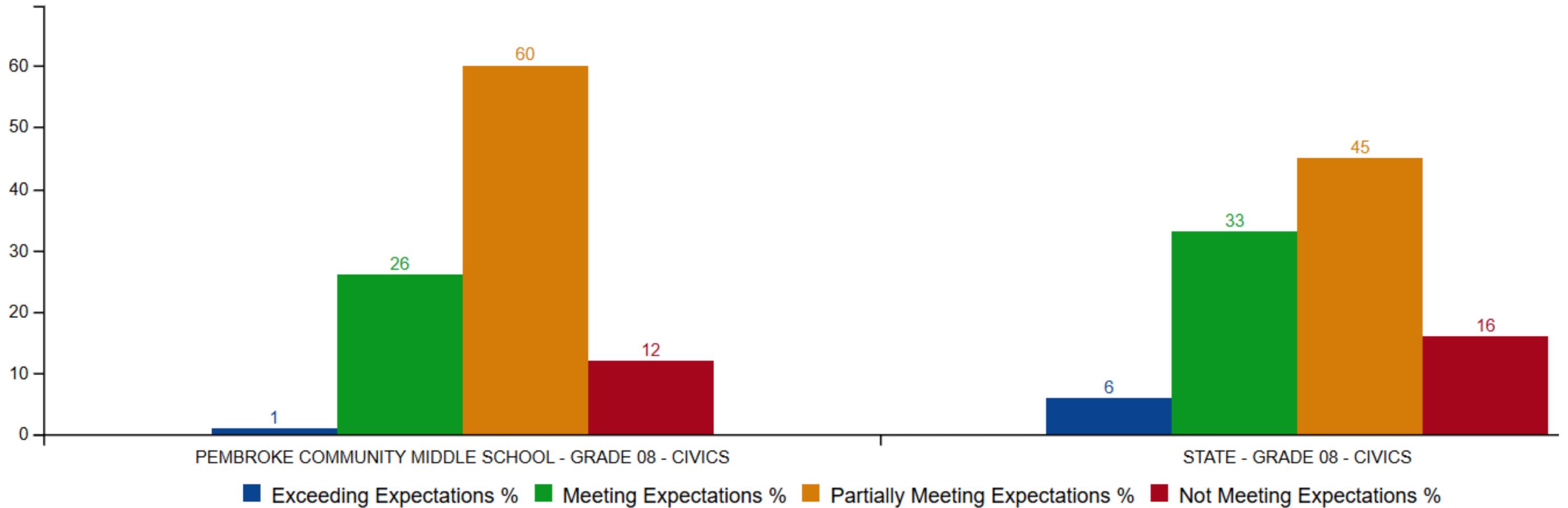
**2019 ME+ Grade 8= 47%**

**2024 ME+ Grade 8=32%**

**The Grade 8 STE Exam tests content and skills acquired in Grades 6-8**

# 2025 MCAS Grade 8 Civics

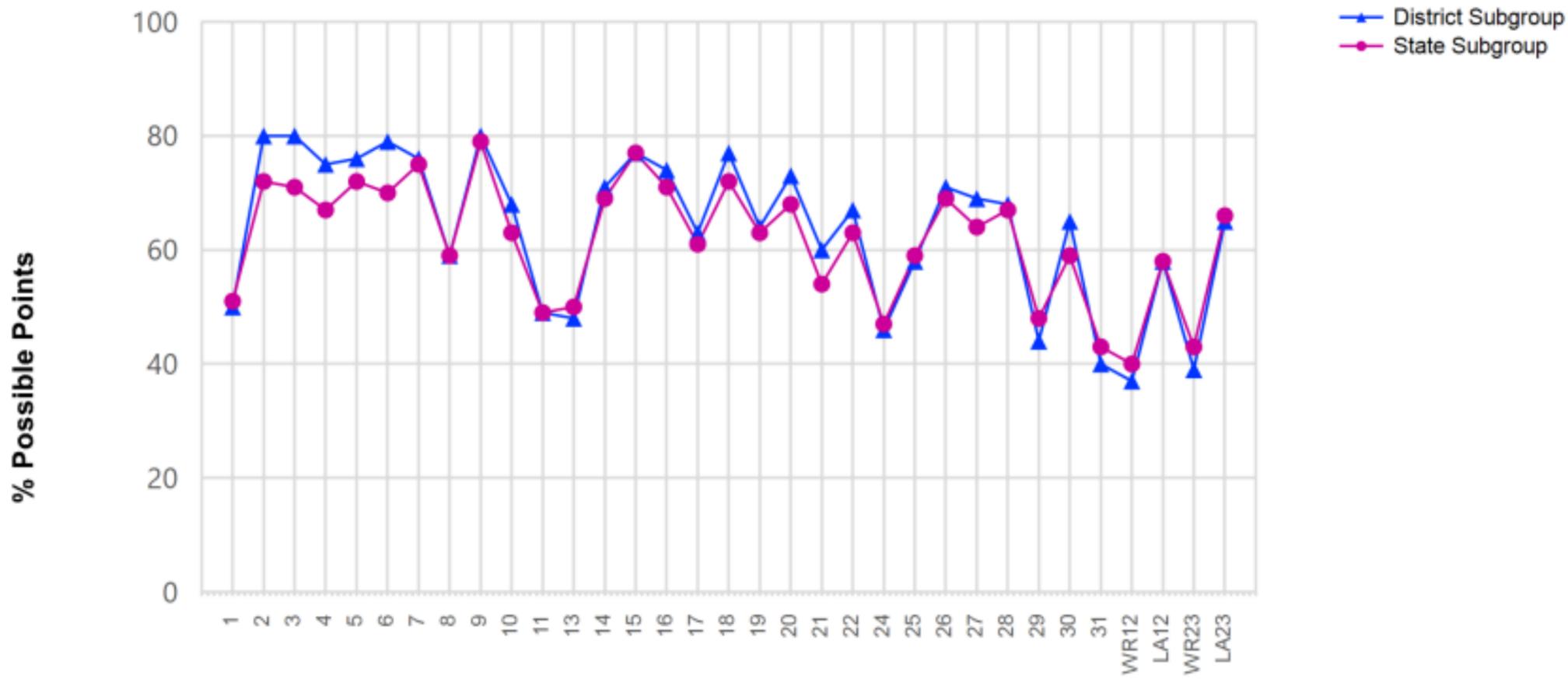
## ME+ 27%



# How do we use data?

## Sample: Item Analysis: Grade 8 ELA

- This slide shows Pembroke Grade 8 performance v. the state on every MCAS question.
- Teachers, content supervisors, and administrators review this data through out the year to adjust curriculum and instruction to meet student learning needs.



Sort By Item No.	Item No.	% Possible Points	
		District	State
1	<u>1</u>	50	51
2	<u>2</u>	80	72
3	<u>3</u>	80	71
4	<u>4</u>	75	67
5	<u>5</u>	76	72
6	<u>6</u>	79	70
7	<u>7</u>	76	75
8	<u>8</u>	59	59
9	<u>9</u>	80	79
10	<u>10</u>	68	63
11	<u>11</u>	49	49
13	<u>13</u>	48	50
14	<u>14</u>	71	69
15	<u>15</u>	77	77
16	<u>16</u>	74	71

# How do we use data?

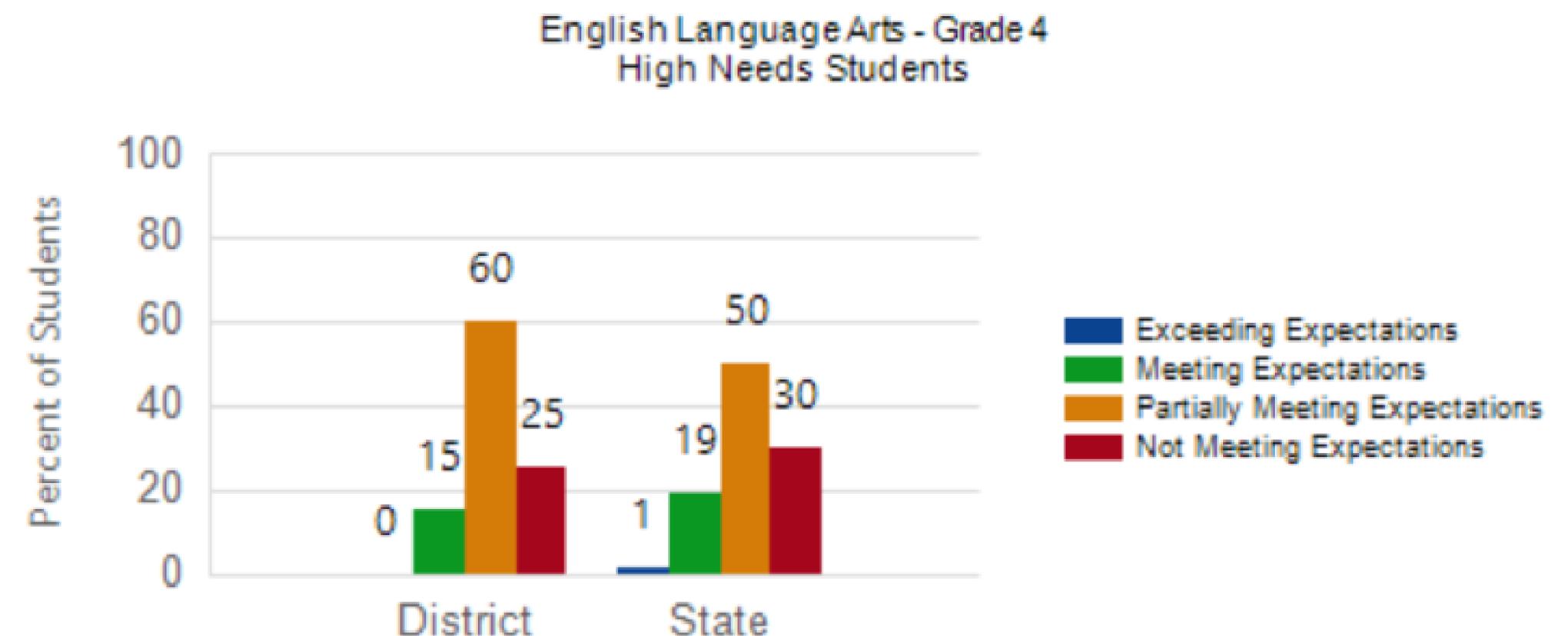
## Sample – Demographic Analysis- High Needs Students Grade 4

Although data is not released for populations with less than 10 students, we review each population to compare achievement levels versus the state and district.

**Populations:** High Needs, Students with Disability, Low-Income, English Language Learners, Former ELL, African American/Black, Asian, Pacific Islander, Hispanic/Latino, White, More than One Race

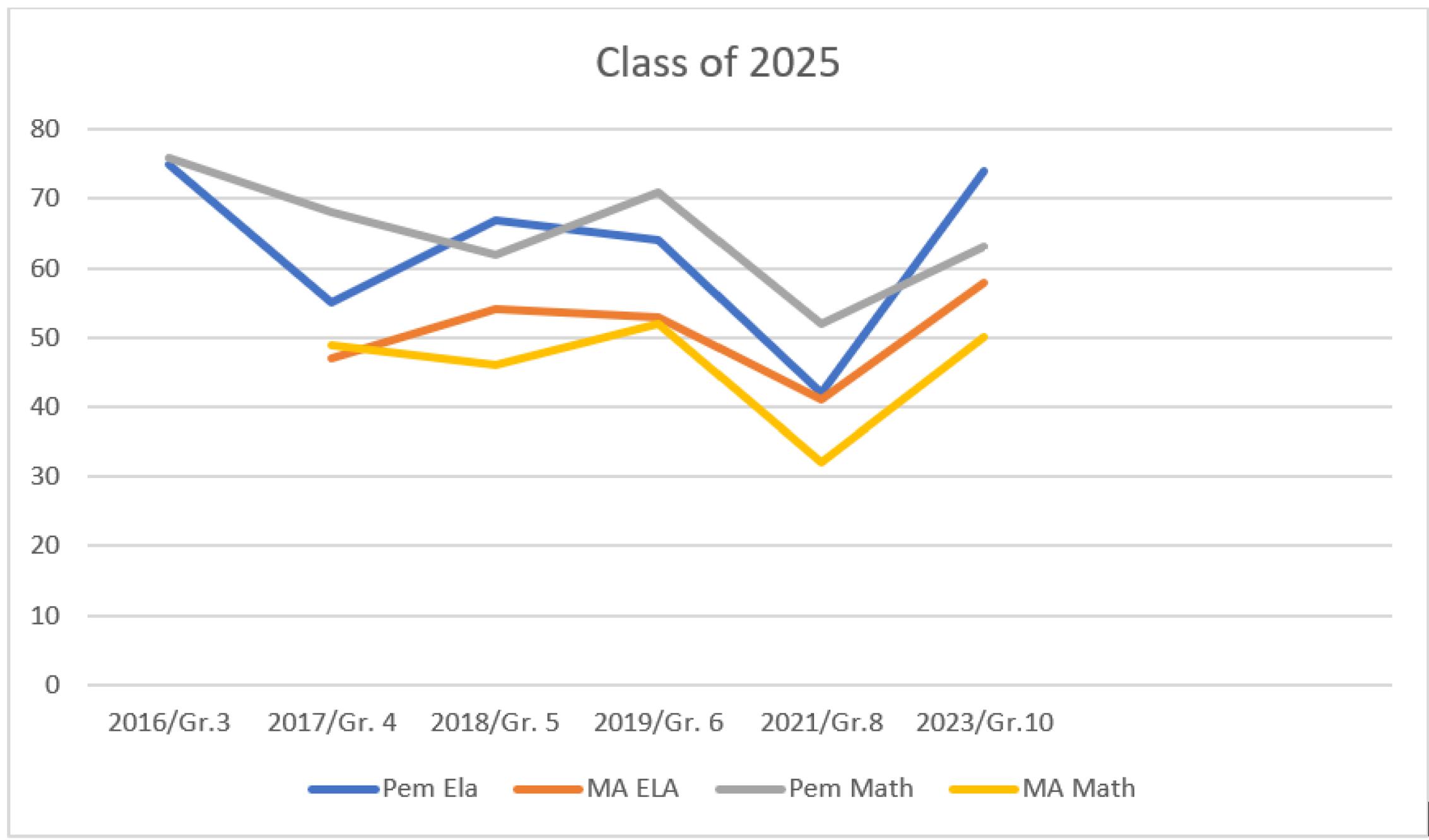
Participation Rate: 100%

English Language Arts	N Students Included	% District	% State
Exceeding Expectations	0	0	1
Meeting Expectations	8	15	19
Partially Meeting Expectations	32	60	50
Not Meeting Expectations	13	25	30
<b>Total Included</b>	<b>53</b>		



# How do we use data: Grade Cohorts

## Class of 2025/Grade 12 Students



# How do we use data?

## Comparisons with other towns: Grade 10 Patriot League 2025

Town	ELA ME+
Duxbury	84
Hingham	81
Scituate	73
Hanover	67
N Quincy	62
Marshfield	61
MA	51
Pembroke	50
Whit Hanson	50
Plymouth North	49
Silver Lake	45
Quincy	45
Plymouth South	40

Town	Math ME+
Duxbury	90
Hingham	68
Scituate	66
Hanover	64
N Quincy	59
Pembroke	50
MA	49
Silver Lake	49
Marshfield	47
Whit Hanson	45
Plymouth North	36
Quincy	33
Plymouth South	26

Town	Science ME+
Duxbury	78
Scituate	72
Hingham	71
Pembroke	67
Whitman Hanson	62
Hanover	60
North Quincy	57
MA	49
Silver Lake	48
Marshfield	40
Plymouth North	38
Quincy	37
Plymouth South	34

# How do we use data?

## Comparisons with other towns: Grade 10 2024 DART Schools Using 2025 Data

Town	ELA M + E %
Sturgis Charter School	79
Scituate High School	73
Tewksbury	69
Mansfield	63
Wilmington	61
Grafton	59
Wakefield	59
Old Rochester	59
Freetown Lakeville	56
East Longmeadow	51
MA	51
Pembroke	50

Town	Math M + E %
Tewksbury	69
Sturgis Charter School	66
Scituate High School	66
Wilmington	59
Old Rochester	59
Mansfield	57
Grafton	52
Wakefield	50
Freetown Lakeville	55
Pembroke	51
MA	51
East Longmeadow	49

Town	Science M+E
Scituate High School	72
Wakefield	68
Freetown Lakeville	68
Pembroke	67
Sturgis Charter School	66
Wilmington	61
Grafton	59
Tewksbury	59
Old Rochester	51
Mansfield	51
MA	51
East Longmeadow	49

# Refresher: MA Accountability System 101

1

The Massachusetts accountability system consists of two components...

## Normative Component (Accountability Percentile)

measures the performance of all students in a school compared to other schools in the state that serve similar grades, and is reported as a percentile from 1 to 99

## Criterion-Referenced Component (Targets)

measures a district's or school's progress towards improvement targets, and is reported as a percentage

2

...that measure performance of groups, schools, and districts on specific indicators...



3

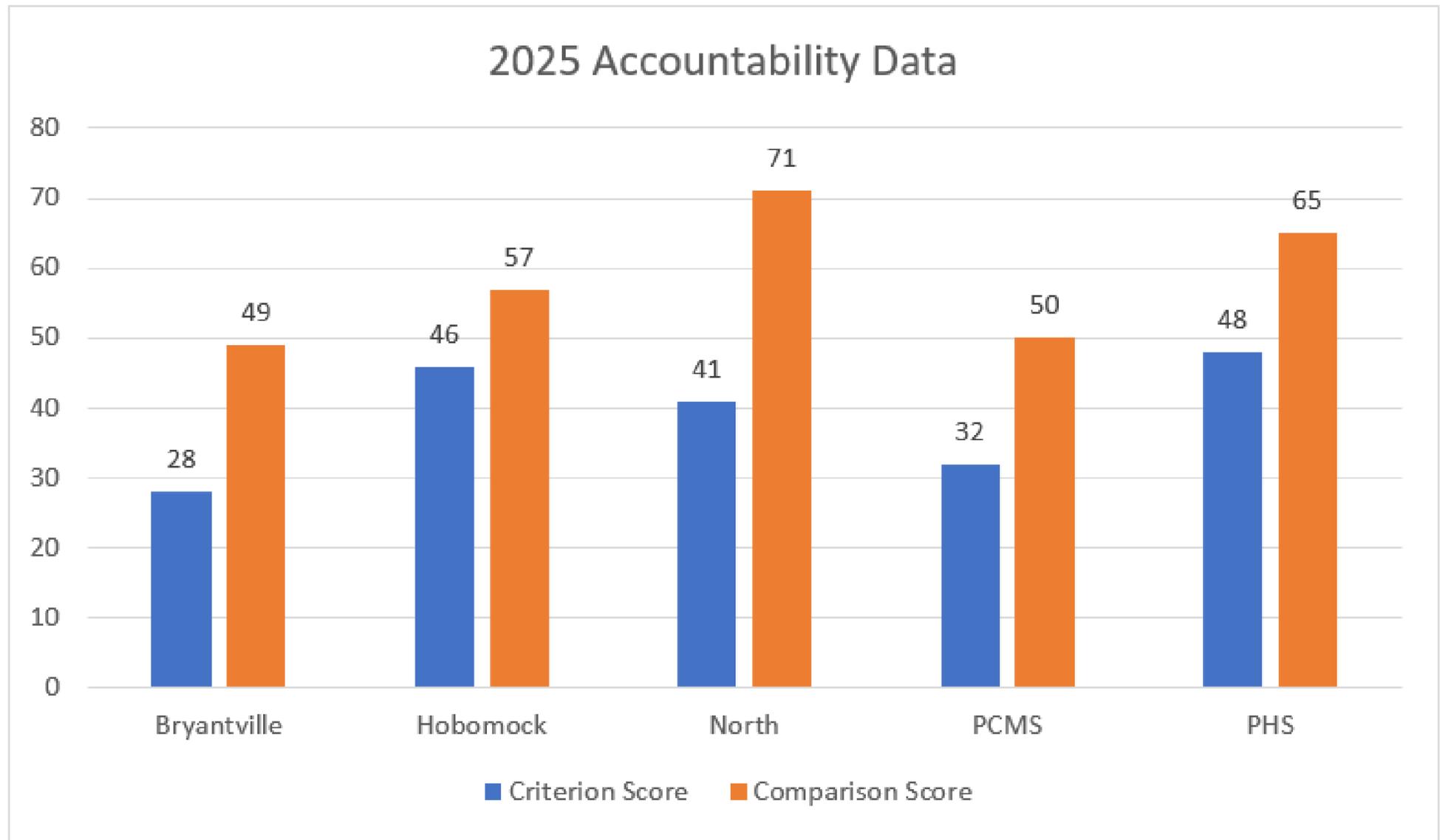
...and are used to categorize schools and districts as requiring assistance/intervention or not.

	Not requiring assistance or intervention				Requiring assistance or intervention	
<b>Schools of recognition</b>	<b>Meeting or exceeding targets</b>	<b>Substantial progress toward targets</b>	<b>Moderate progress toward targets</b>	<b>Limited or no progress toward targets</b>	<b>Focused/targeted support</b>	<b>Broad/comprehensive support</b>
Recognized for high achievement, high growth, or exceeding targets	Cumulative criterion-referenced target percentage 75-100	Cumulative criterion-referenced target percentage 50-74	Cumulative criterion-referenced target percentage 25-49	Cumulative criterion-referenced target percentage 0-24	<ul style="list-style-type: none"> <li>Percentiles 1-10</li> <li>Low graduation rate</li> <li>Low performing group(s)</li> <li>Low participation</li> </ul>	<ul style="list-style-type: none"> <li>Underperforming schools</li> <li>Chronically underperforming schools</li> </ul>

# 2025 PHS Criterion Referenced Rating

2025 Progress toward improvement targets							
Indicator		All students (High school grades)			Lowest performing students (High school grades)		
		Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %
Achievement	English language arts achievement	0	4	-	0	4	-
	Mathematics achievement	0	4	-	0	4	-
	Science achievement	3	4	-	4	4	-
	<b>Achievement total</b>	<b>3</b>	<b>12</b>	<b>47.5</b>	<b>4</b>	<b>12</b>	<b>67.5</b>
Growth	English language arts growth	2	4	-	2	4	-
	Mathematics growth	0	4	-	1	4	-
	<b>Growth total</b>	<b>2</b>	<b>8</b>	<b>22.5</b>	<b>3</b>	<b>8</b>	<b>22.5</b>
High school completion	Four-year cohort graduation rate	4	4	-	-	-	-
	Extended engagement rate	4	4	-	-	-	-
	Annual dropout rate	3	4	-	-	-	-
	<b>High school completion total</b>	<b>11</b>	<b>12</b>	<b>20.0</b>	<b>-</b>	<b>-</b>	<b>-</b>
Progress toward attaining English language proficiency	<b>English language proficiency total</b>	-	-	-	-	-	-
Additional indicators	Chronic absenteeism	0	4	-	0	4	-
	Advanced coursework completion	2	4	-	-	-	-
	<b>Additional indicators total</b>	<b>2</b>	<b>8</b>	<b>10.0</b>	<b>0</b>	<b>4</b>	<b>10.0</b>
Weighted total		4.3	10.7	-	3.4	10.3	-
Percentage of possible points		40%		-	33%		-
2025 Annual criterion-referenced target percentage		37%					

	2024	2025
Annual criterion-referenced target percentage	66%	37%
Weight	40%	60%
<b>Cumulative Criterion-referenced target percentage</b> (2024 x 40%) + (2025 x 60%)	48%	
	Moderate progress toward targets	



**The Annual Criterion-Referenced Target Percentage** combines multiple years of data related to achievement, growth, high school completion, English learner progress, advanced coursework completion, and chronic absenteeism into a single number between 0 and 100. For a group to be considered to be meeting targets it must have a cumulative criterion-referenced target percentage of 75% or higher.

**The Accountability Percentile** between 1 and 99 is reported for most schools. This number is an indication of the school's overall performance relative to other schools that serve similar grades, and is calculated using multiple years of data for all accountability indicators. School percentiles are not calculated for districts

## MCAS Test Changes

### Grade 5 and Grade 8 STE Test Adjustments

- 2026 Operational Test
- These tests will include an interactive science assessment

# MCAS Analysis Next Steps 2025-2026

## Focus on Literacy/ELA:

- Simplify Writing
- The Writing Revolution PD
- ELA Benchmark Development in 7 & 8 through No Red Ink
- Individual Professional Development Projects

## Mathematics:

- Benchmark and Edulastic assessment ongoing

## Science:

- Foss Pilot Grades 1, 2 and 4
- Re-Alignment of Units 6-8
- Unit Test development in Grades 6-8

The logo for AP (Advanced Placement) consists of the letters 'A' and 'P' in a bold, sans-serif font. The 'A' is dark blue and the 'P' is green. A registered trademark symbol (®) is located to the upper right of the 'P'.

AP<sup>®</sup>

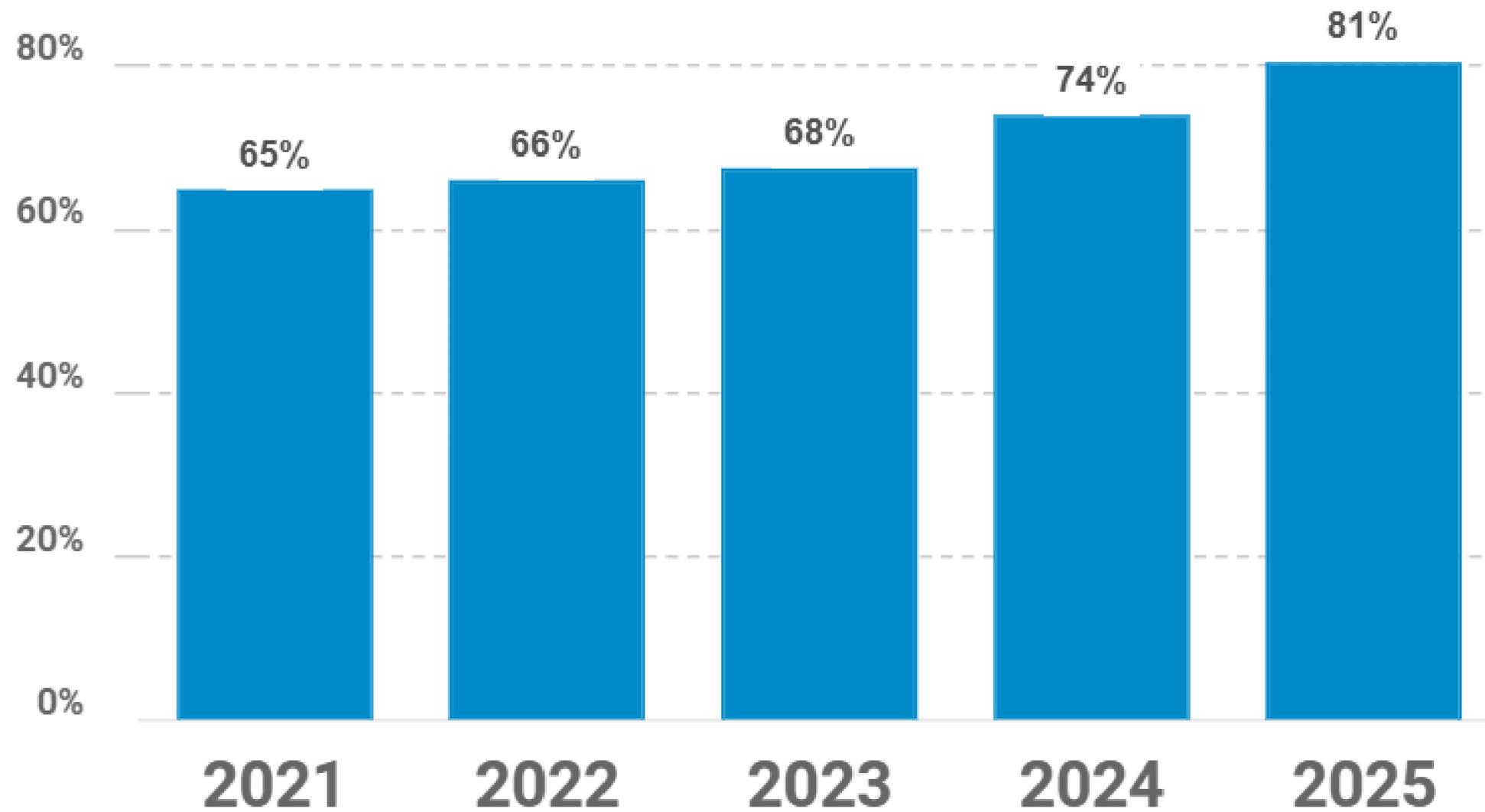
The CollegeBoard logo features a stylized acorn icon to the left of the text 'CollegeBoard'. The acorn is dark blue with a small stem and cap. The text 'CollegeBoard' is in a dark blue, sans-serif font.

 CollegeBoard

# 2025 AP Participation

	2021	2022	2023	2024	2025
<b>Total AP Students</b>	211	239	219	216	236
<b>Number of Exams</b>	391	461	428	409	465
<b>AP Students with Scores 3+</b>	137	158	148	160	190
<b>% of Total AP Students with Scores 3+</b>	64.93	66.11	67.58	74.07	80.51

# AP 5 Year Report: Students earning a qualifying score



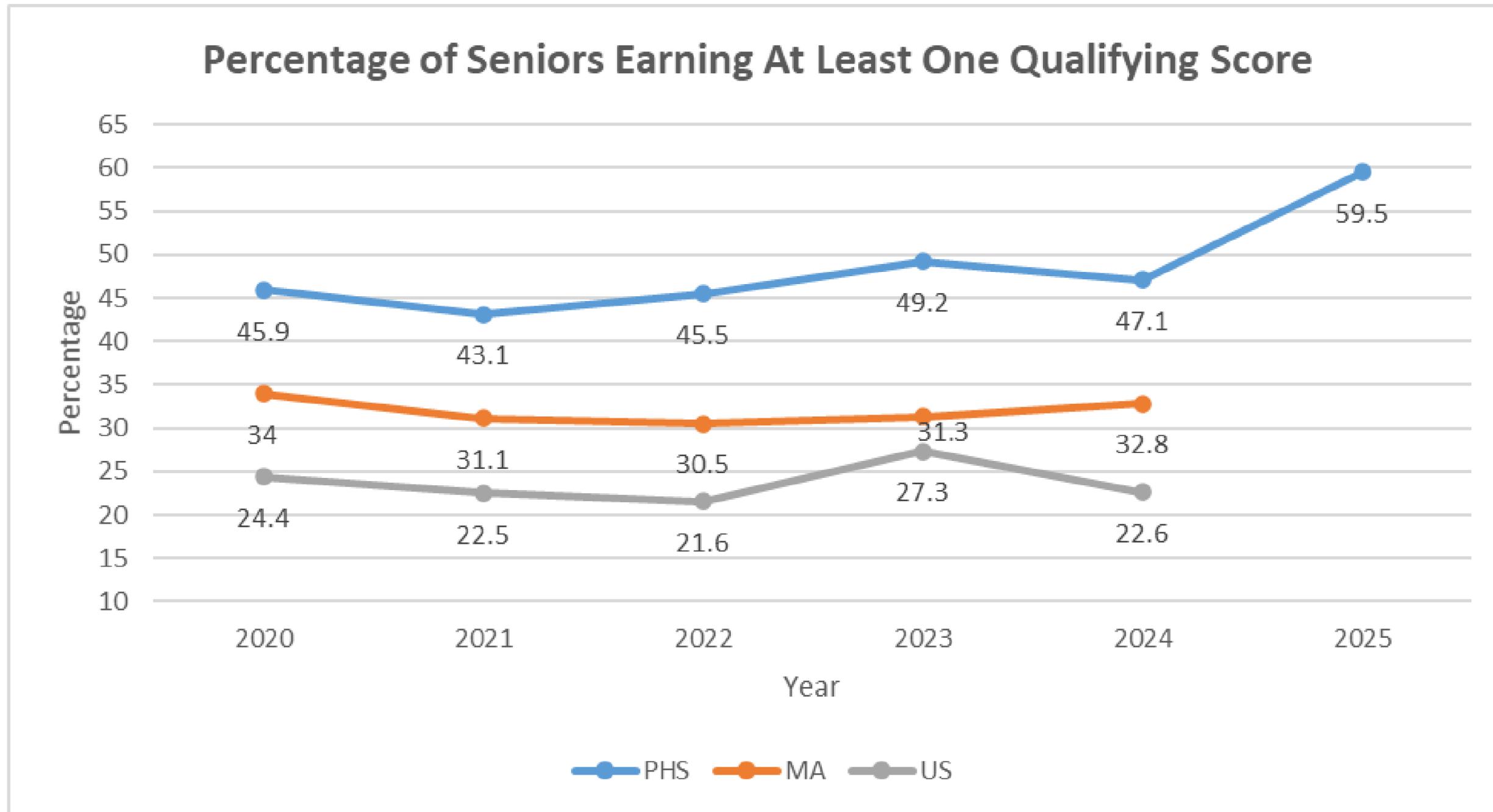
# AP Participation by Class

	Sophomores as a %	Juniors as a %	Seniors as a %
<b>2019</b>	2.4	39	49
<b>2020</b>	5.8	37	52
<b>2021</b>	9.1	42	52
<b>2022</b>	7	53	63
<b>2023</b>	7	42	74
<b>2024</b>	6	55	62
<b>2025</b>	22	51	70

# AP Scholars-2025

	<b>AP Scholar</b> Granted to students who receive scores of 3 or higher on three or more AP Exams	<b>AP Scholar with Honor</b> Granted to students who receive an average score of at least 3.25 on all AP Exams taken, <b>and</b> scores of 3 or higher on four or more of these exams	<b>AP Scholar with Distinction</b> Granted to students who receive an average score of at least 3.5 on all AP Exams taken, <b>and</b> scores of 3 or higher on five or more of these exams.
Number of Scholars	52	22	21
Average Score	3.27	3.72	3.96

# AP Equity and Excellence



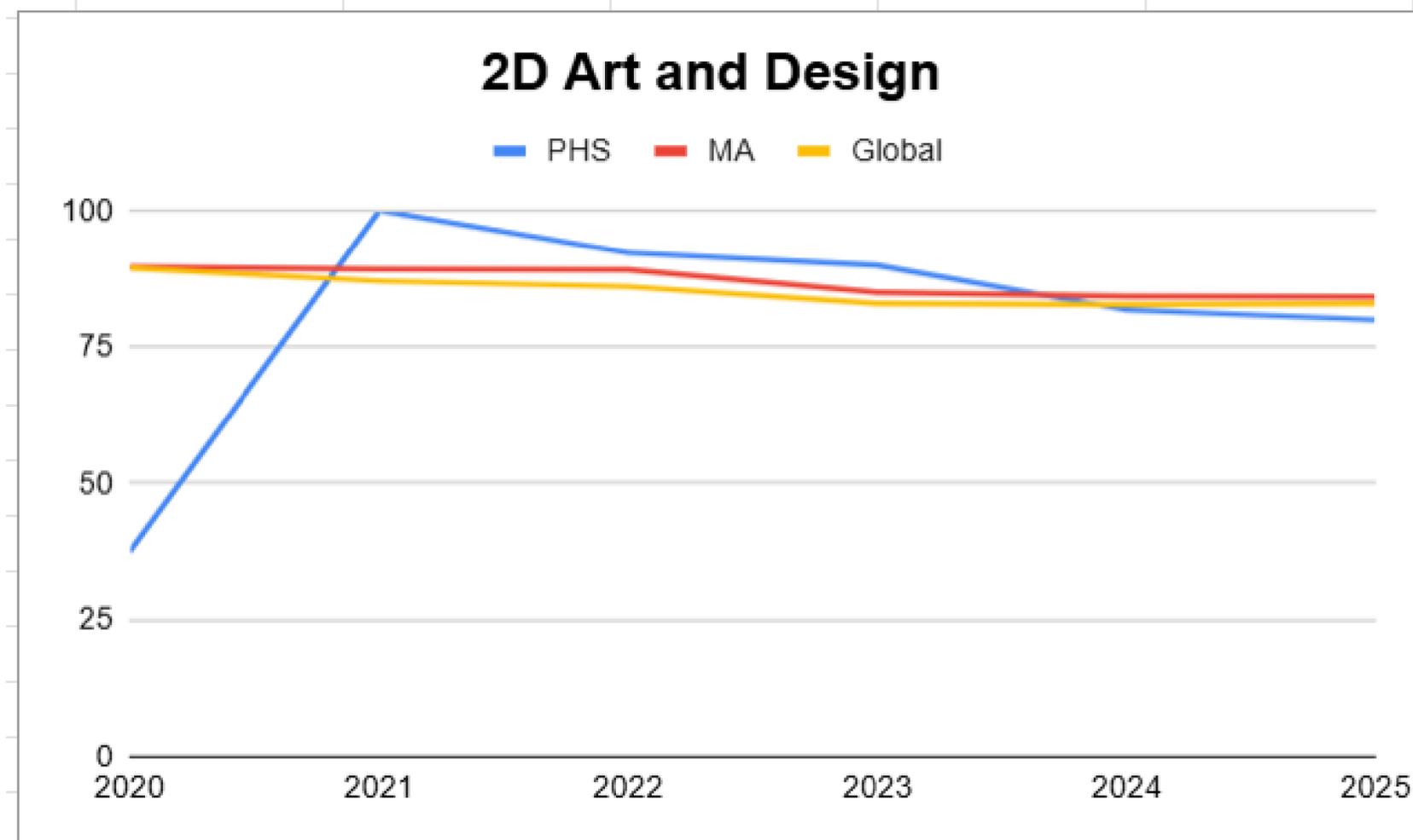
# What is AP Potential?

AP Potential is a free, Web-based tool that allows schools to generate rosters of students who are likely to score a 3 or higher on a given AP<sup>®</sup> Exam based on their performance on the PSAT/NMSQT<sup>®</sup>, PSAT<sup>™</sup> 8/9, PSAT<sup>™</sup> 10, or SAT<sup>®</sup>.

AP Potential is rooted in a long line of research showing moderate to strong correlations between PSAT/NMSQT<sup>®</sup> scores and AP Exam results, and that PSAT/NMSQT scores are stronger predictors of students' AP Exam scores than the more traditional factors such as high school grades and grades in same-discipline course work.

**AP Potential is designed to help you increase access to AP and to ensure that no student who has the chance of succeeding in AP is overlooked.**

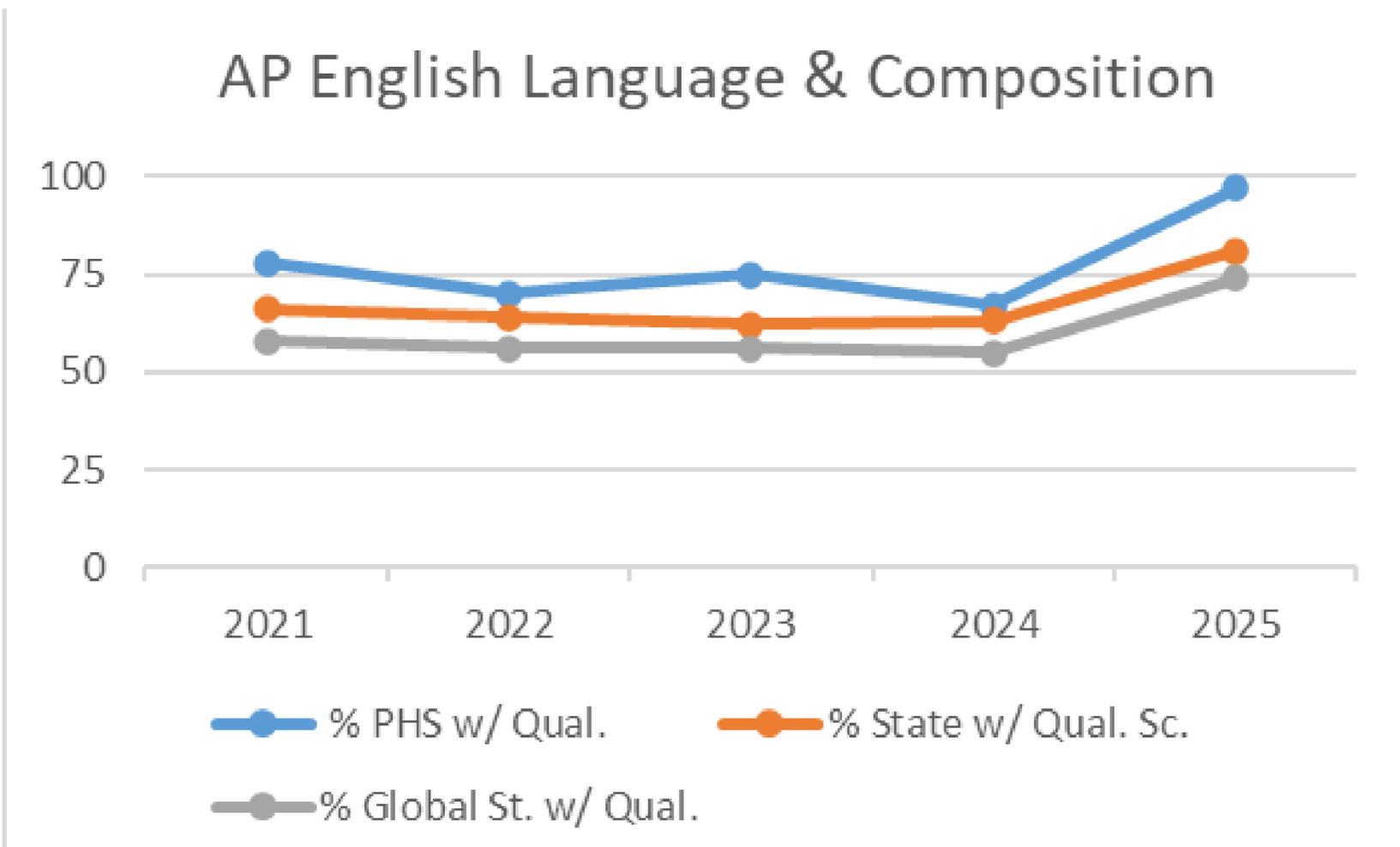
# AP 2D Art & Design



AP Potential data is not available for AP 2-D Art & Design

**Total Number of students sitting for 2025 AP 2-D Art & Design was 10**

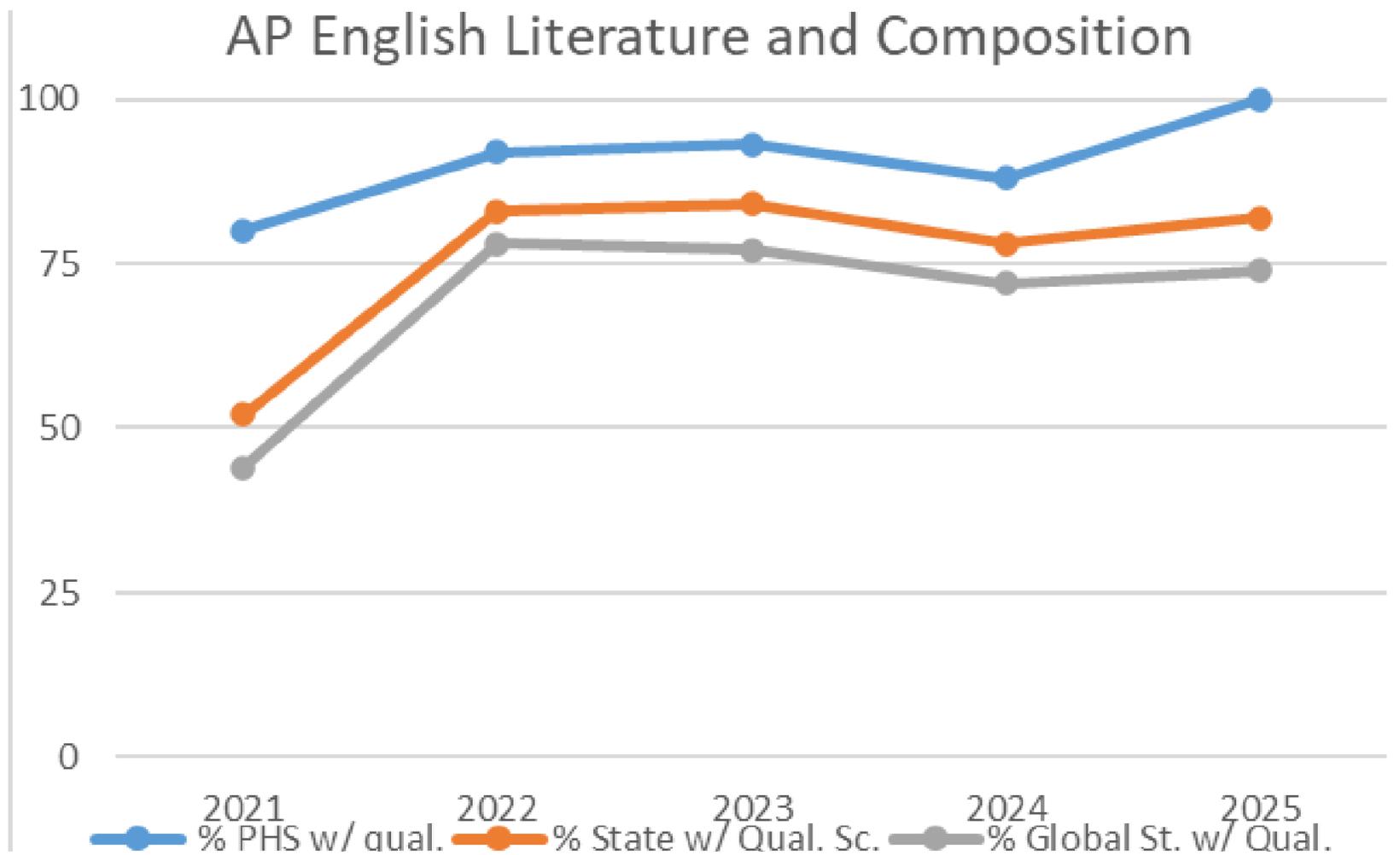
# AP English Language & Composition



2025	Qualified	Did not Qualify
Identified AP Potential	19	0
Not Identified AP Potential	11	1

Total number of students sitting for AP Lang & Comp was 31

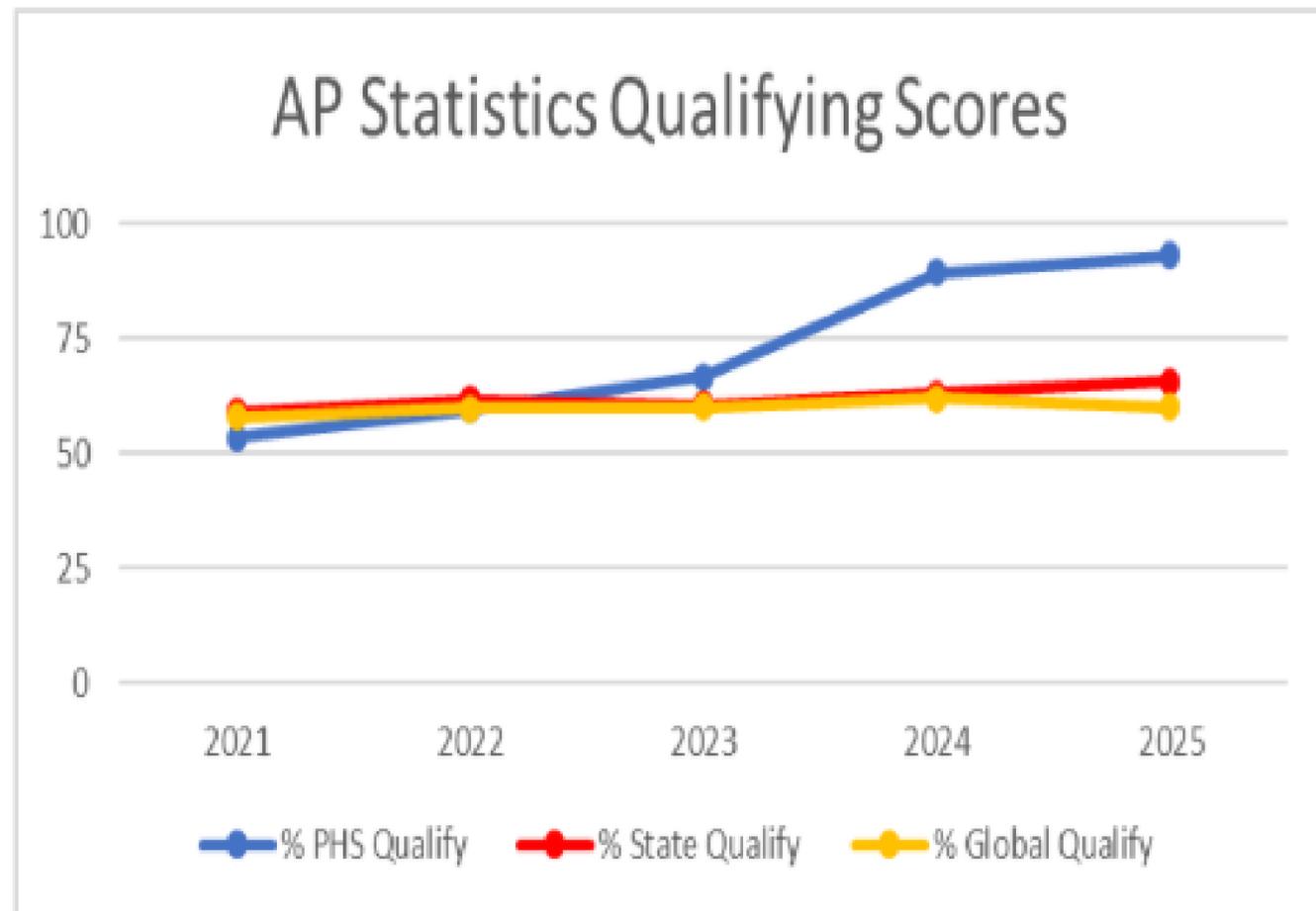
# AP English Literature & Composition



2025	Qualified	Did not Qualify
Identified AP Potential	16	0
Not Identified AP Potential		0

Total number of students sitting for AP Lang & Comp was 16

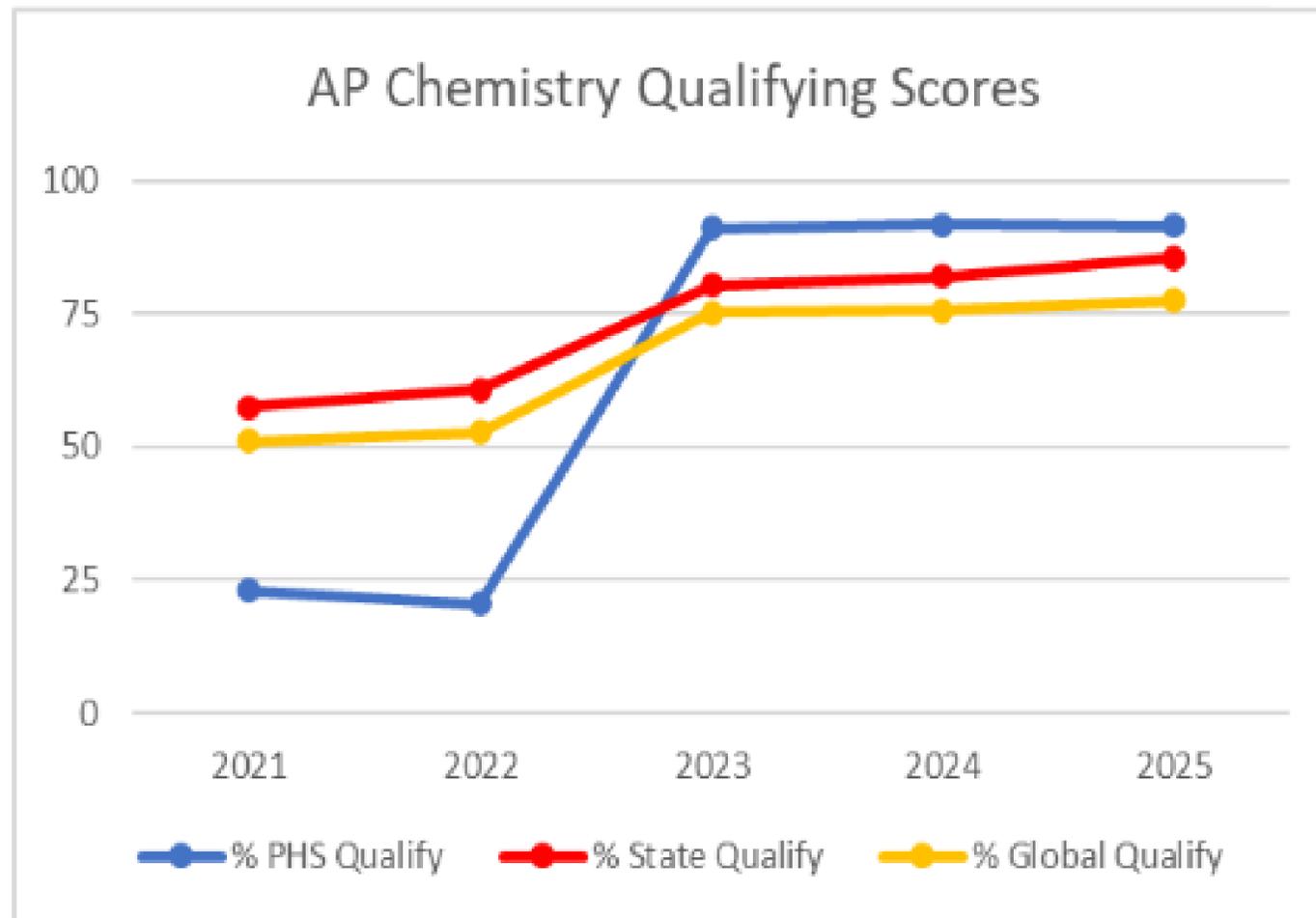
# AP Statistics



2025	Qualified	Did not Qualify
Identified AP Potential	8	0
Not Identified AP Potential	5	1

Total number of students sitting for AP Statistics was 14

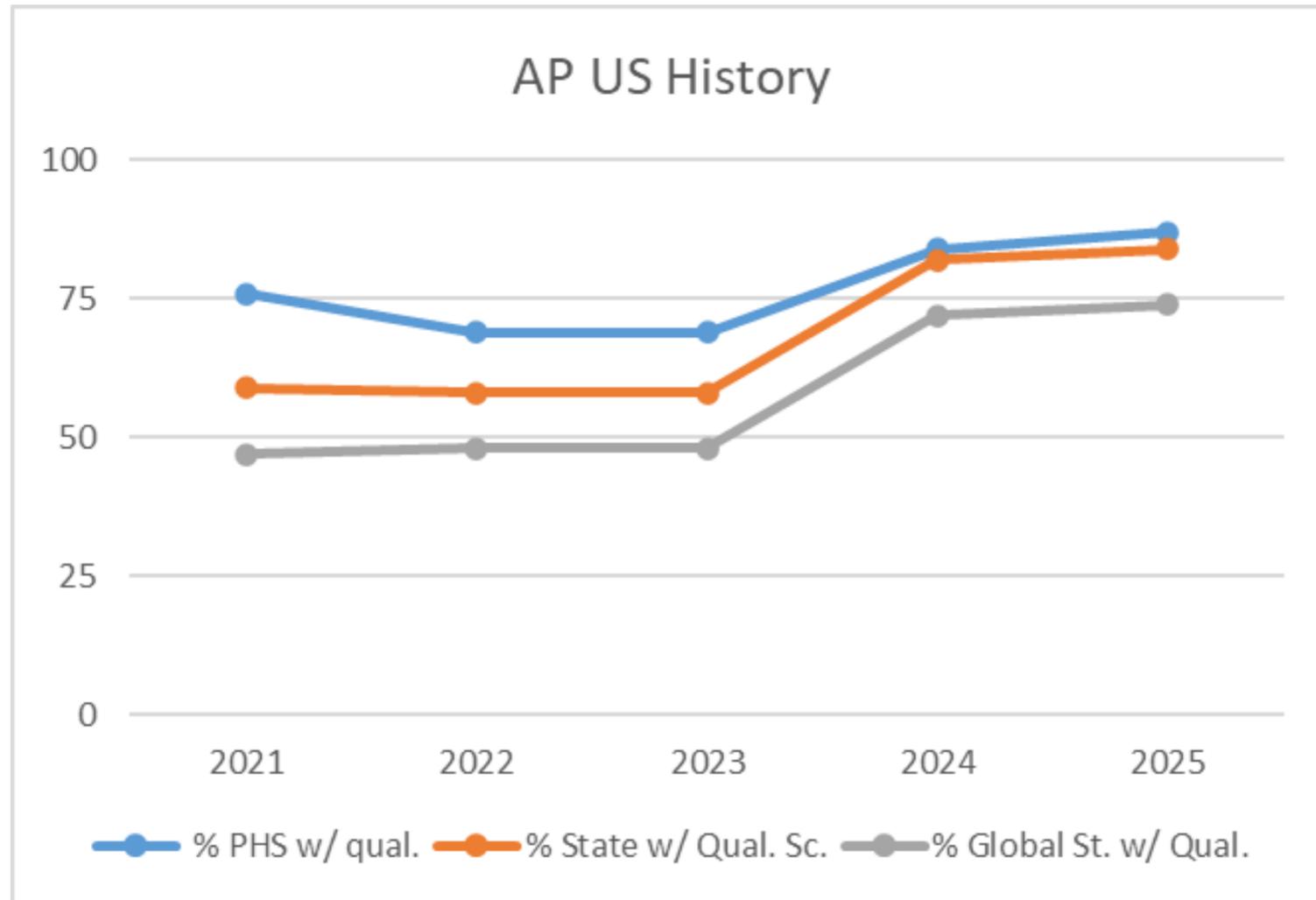
# AP Chemistry



2025	Qualified	Did not Qualify
Identified AP Potential	24	1
Not Identified AP Potential	8	2

Total number of students sitting for AP Chemistry was 35

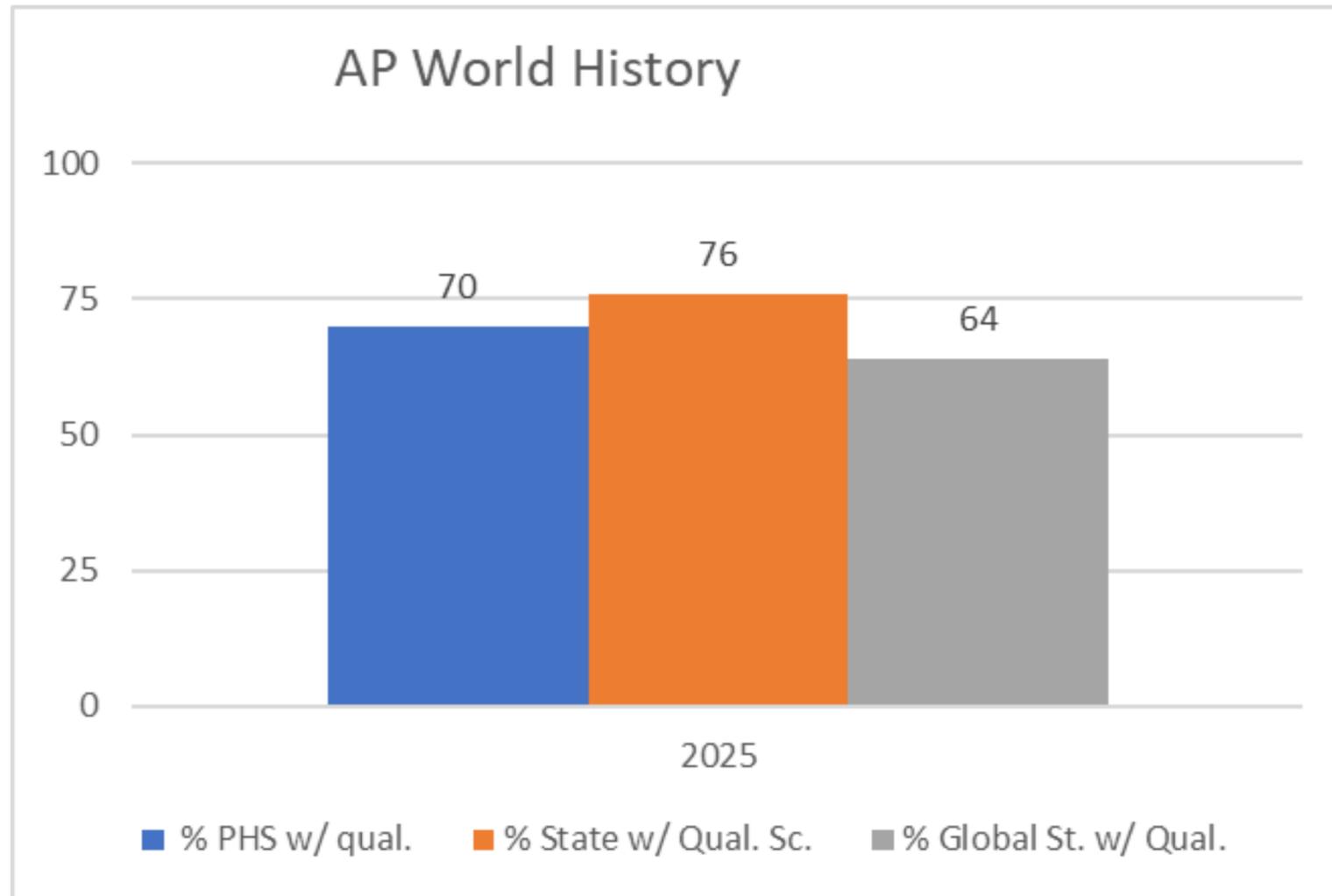
# AP United States History



2025	Qualified	Did not Qualify
Identified AP Potential	46	5
Not Identified AP Potential	1	2

Total Number of students sitting for AP US History was 54

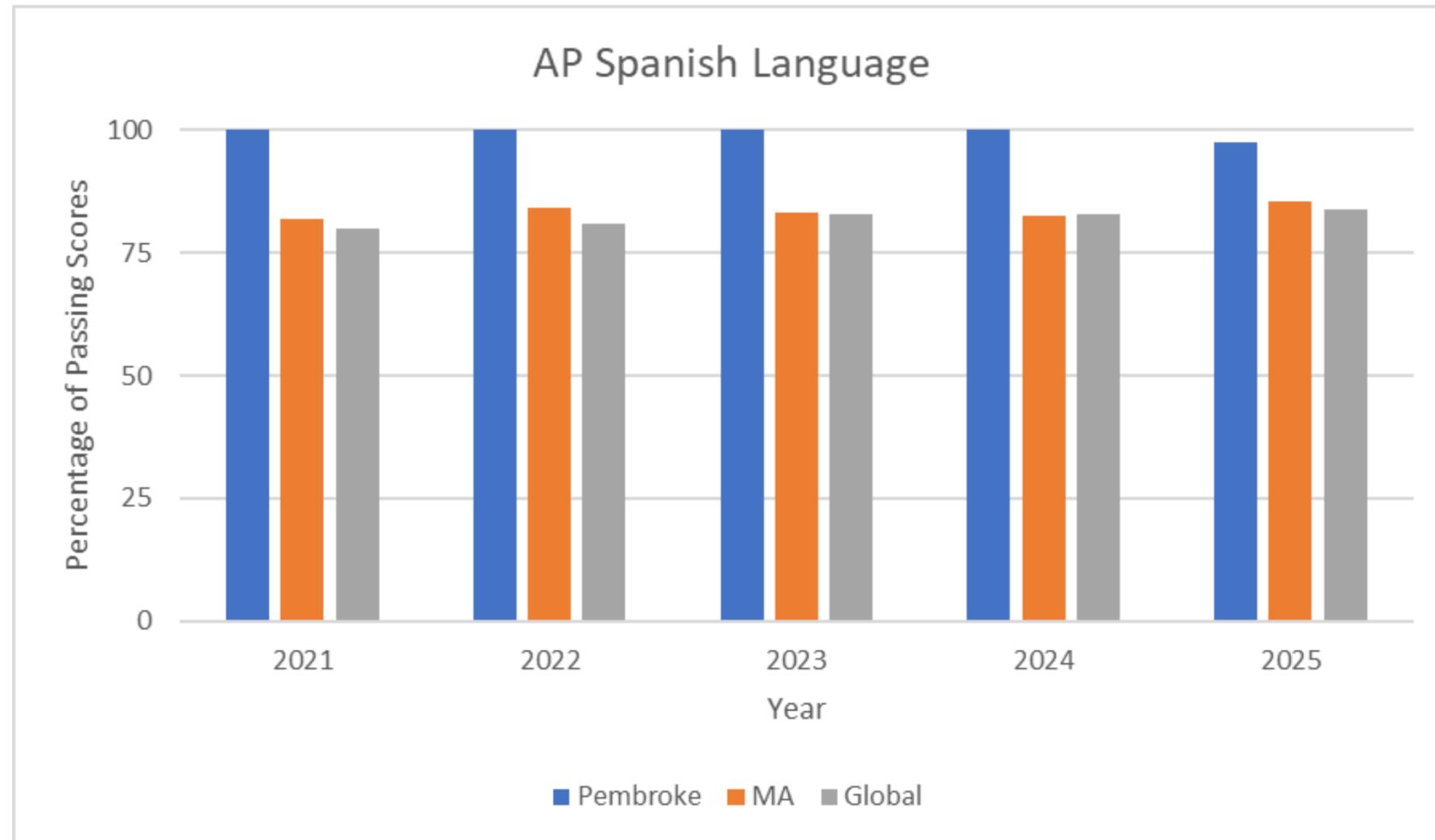
# AP World History-Modern



2025	Qualified	Did not Qualify
Identified AP Potential	21	3
Not Identified AP Potential	2	7

Total Number of students sitting for AP World History was 33

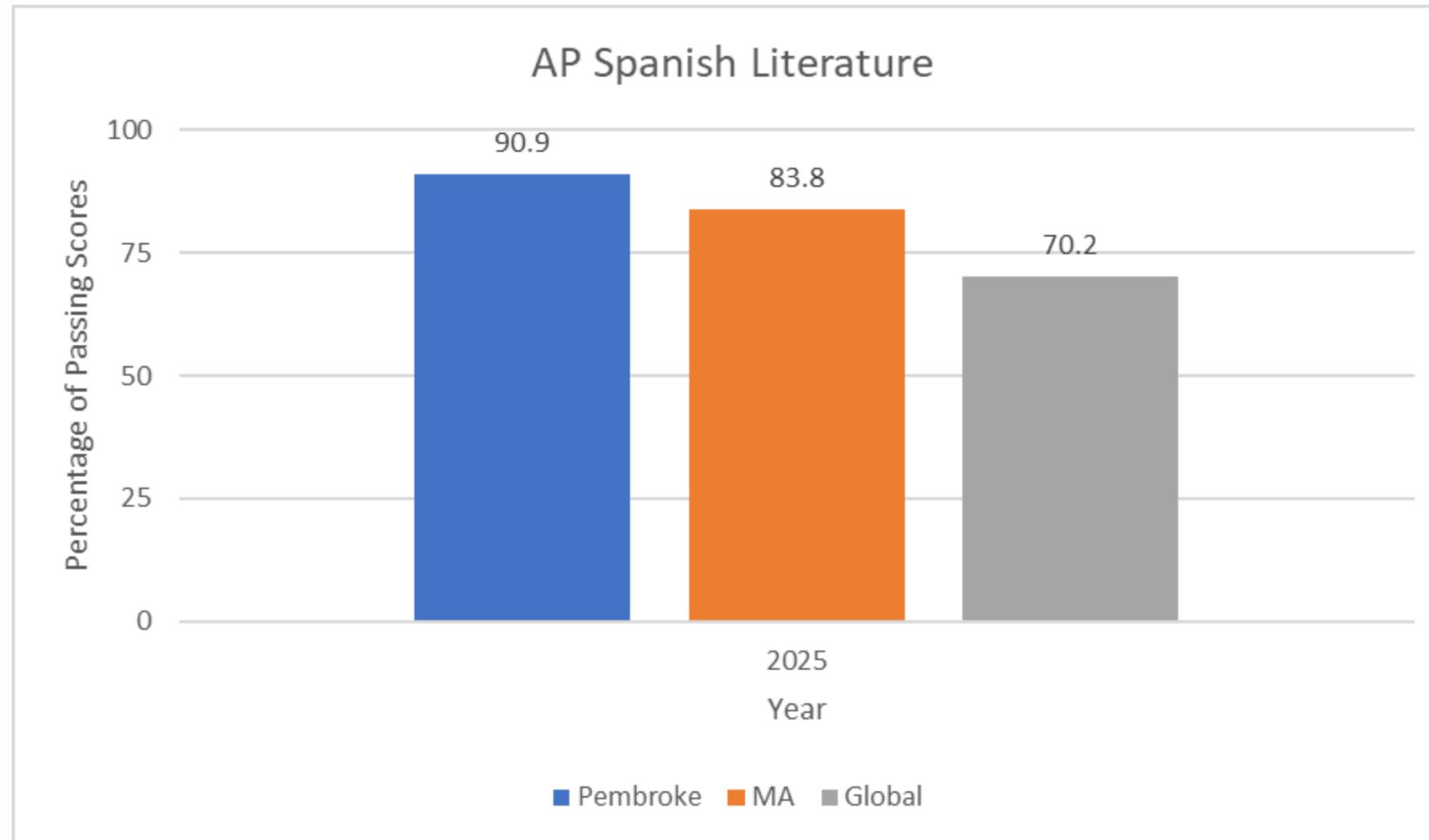
# AP Spanish Language



AP Potential data is not available for AP Spanish

**Total Number of students sitting for AP Spanish was 37**

# AP Spanish Literature



AP Potential data is not available for AP Spanish

**Total Number of students sitting for AP Spanish was 10**

## Next Steps 2025-2026

### Supporting new classes:

- AP Pre Calculus
- AP Seminar

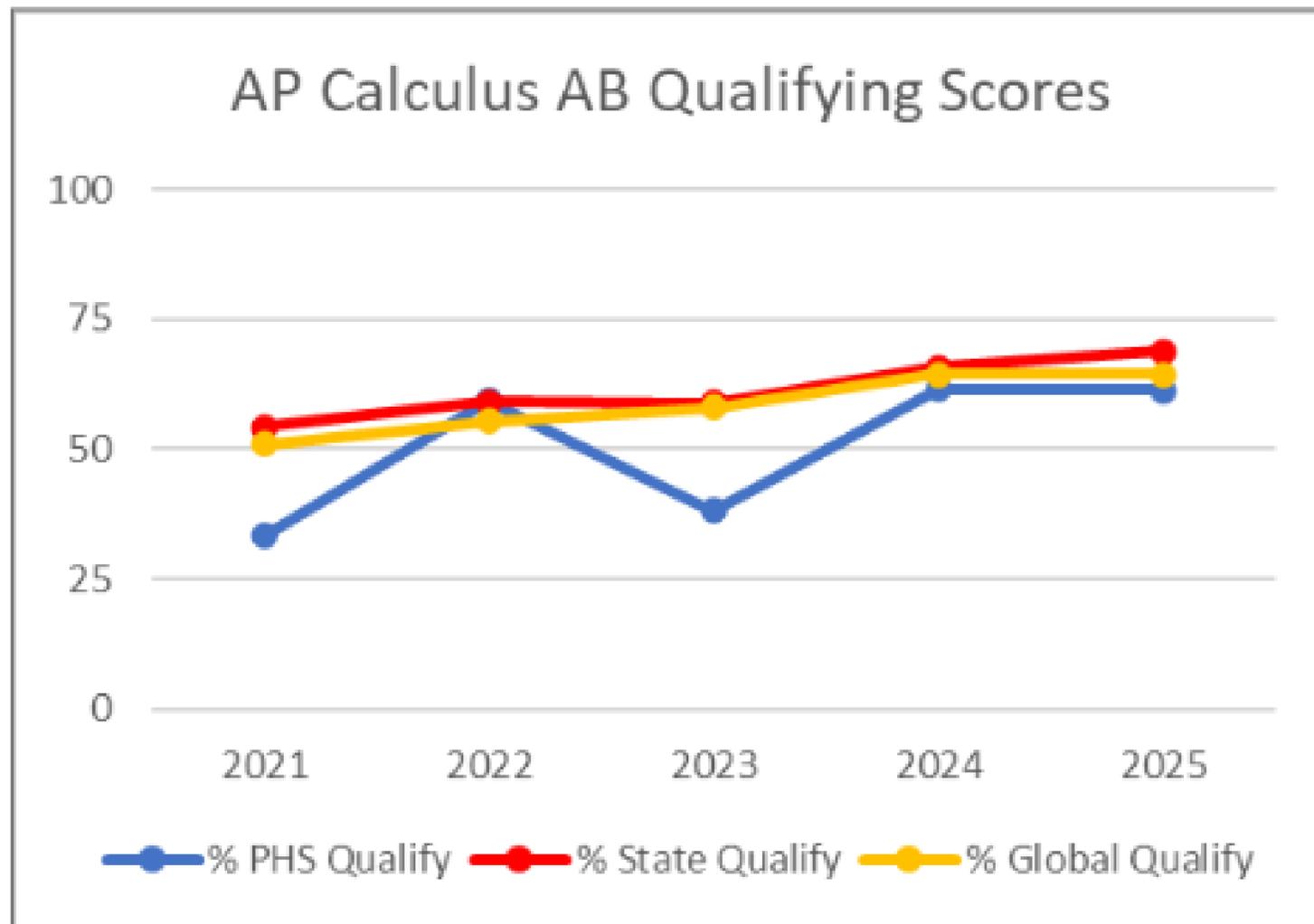
# Appendix

# Class of 2026

These scores reflect points and percentages to earn a 470/Partially Meeting. The CD is no longer based on MCAS performance.

	Number of Points Available on the Test	Class of 2026 Raw Score for EPP Level	Percent of Possible Points Required	Class of 2025 Raw Score for EPP Level	Percent of Possible Points Required
Gr. 10 ELA	51	20	39%	12	24%
Gr. 10 Math	60	15	25%	9	15%
HS Biology	60	18	30%	15	25%
HS Physics	60	17	28%	16	27%

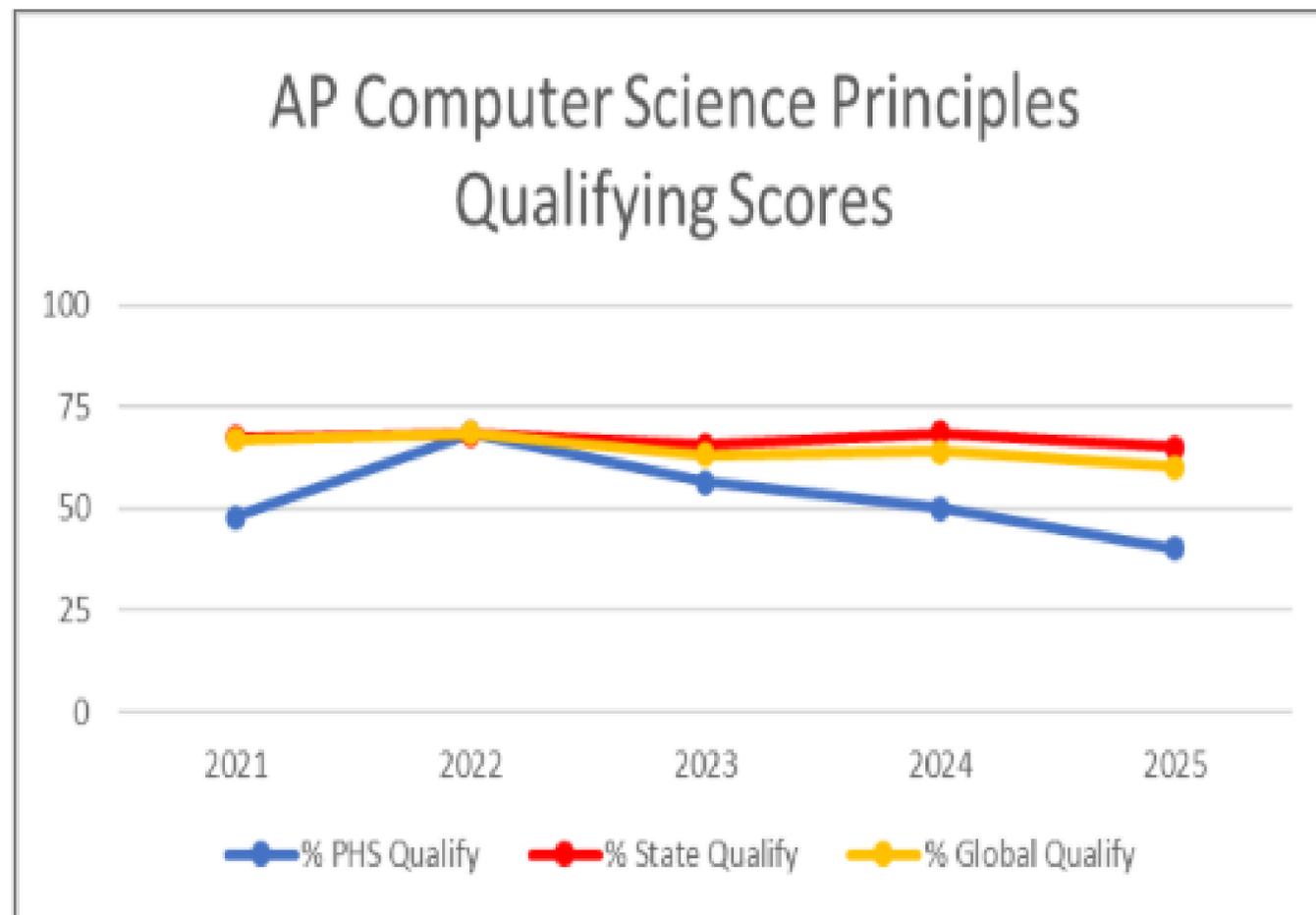
# AP Calculus AB



	2025	Qualified	Did not Qualify
Identified AP Potential		16	6
Not Identified AP Potential		3	6

Total number of students sitting for AP Calc AB was 31

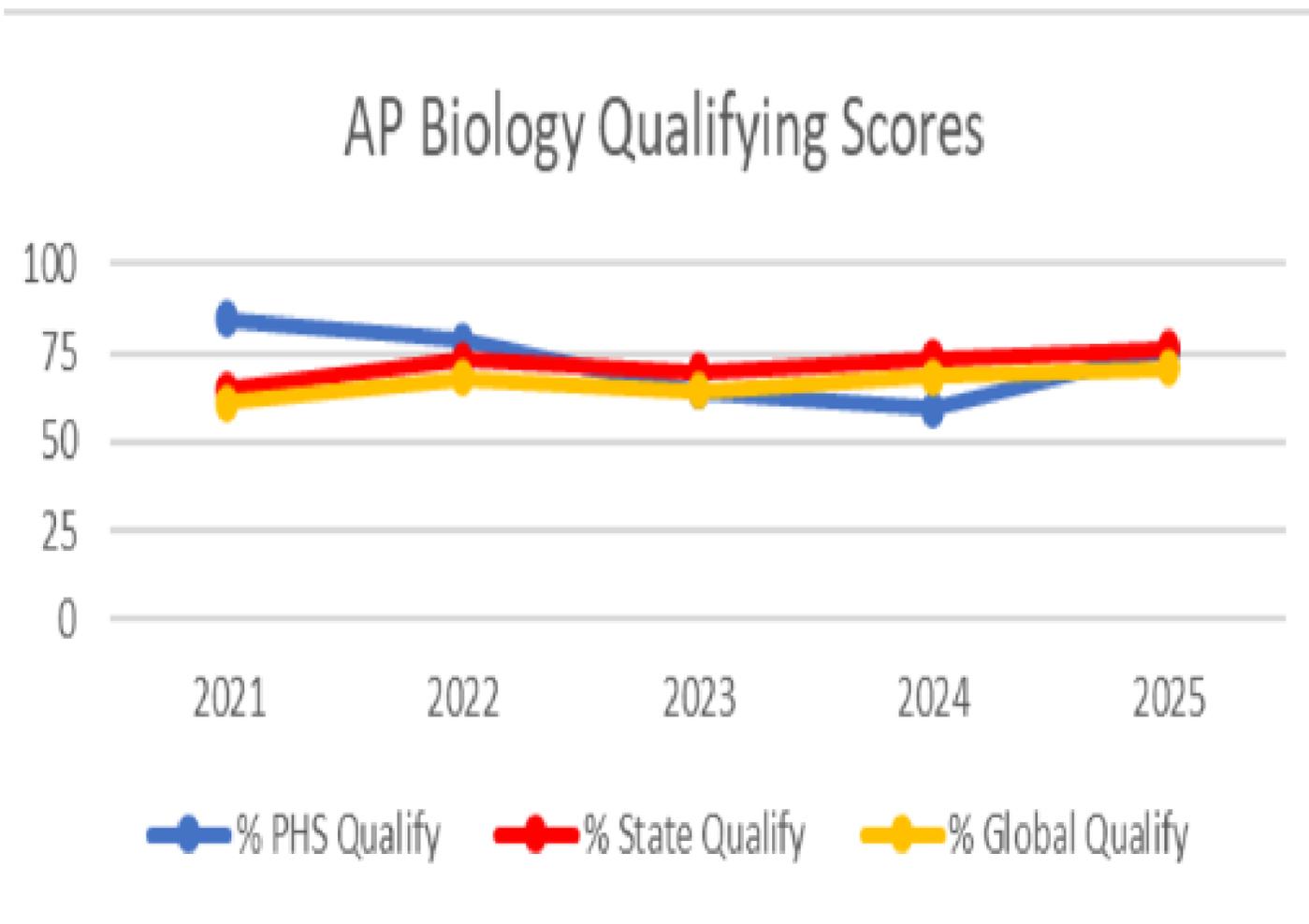
# AP Computer Science Principles



2025	Qualified	Did not Qualify
Identified AP Potential	6	2
Not Identified AP Potential	2	10

Total number of students sitting for AP Comp Principles was 20

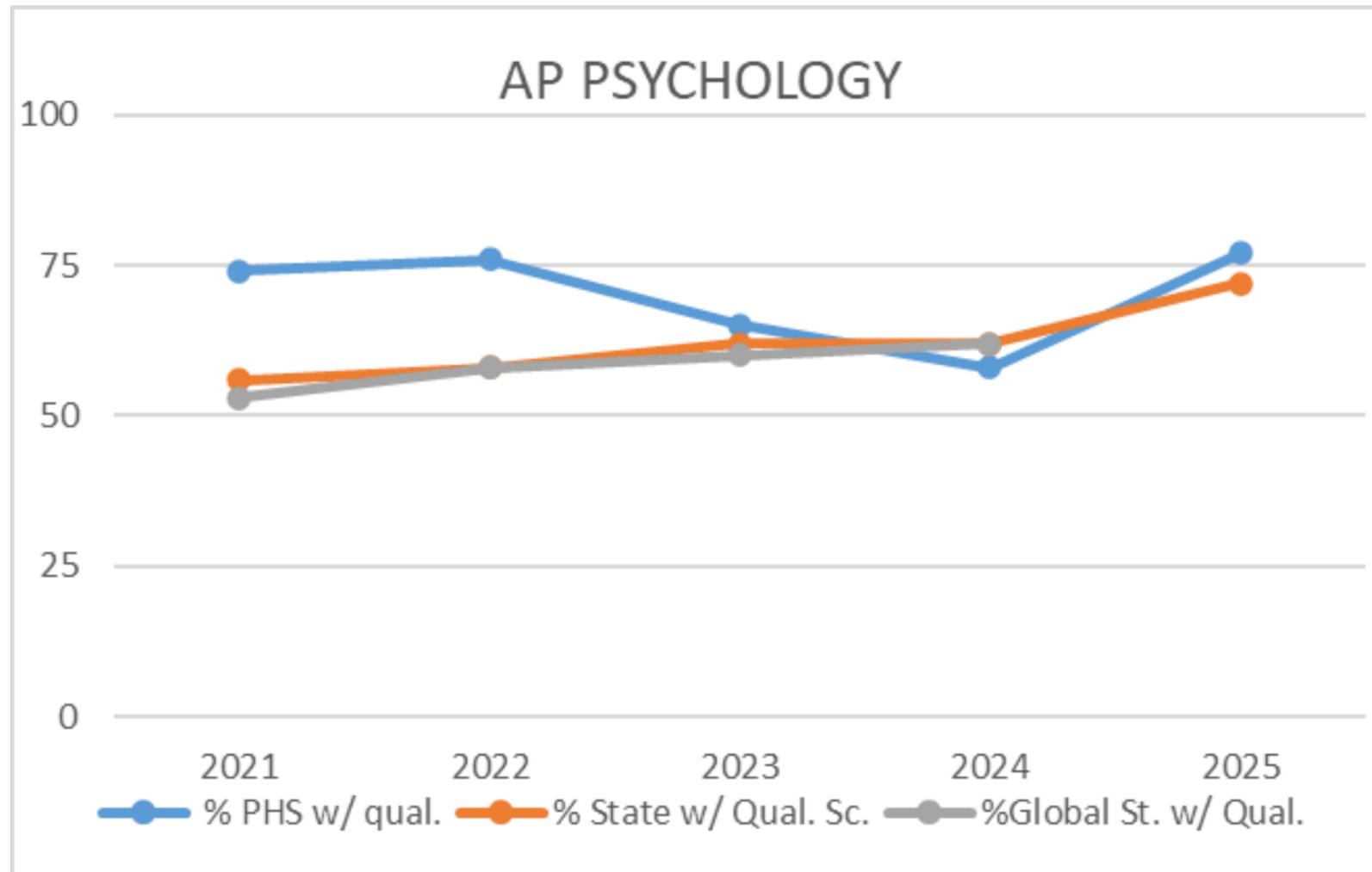
# AP Biology



2025	Qualified	Did not Qualify
Identified AP Potential	23	2
Not Identified AP Potential	5	7

Total number of students sitting for AP Bio was 37

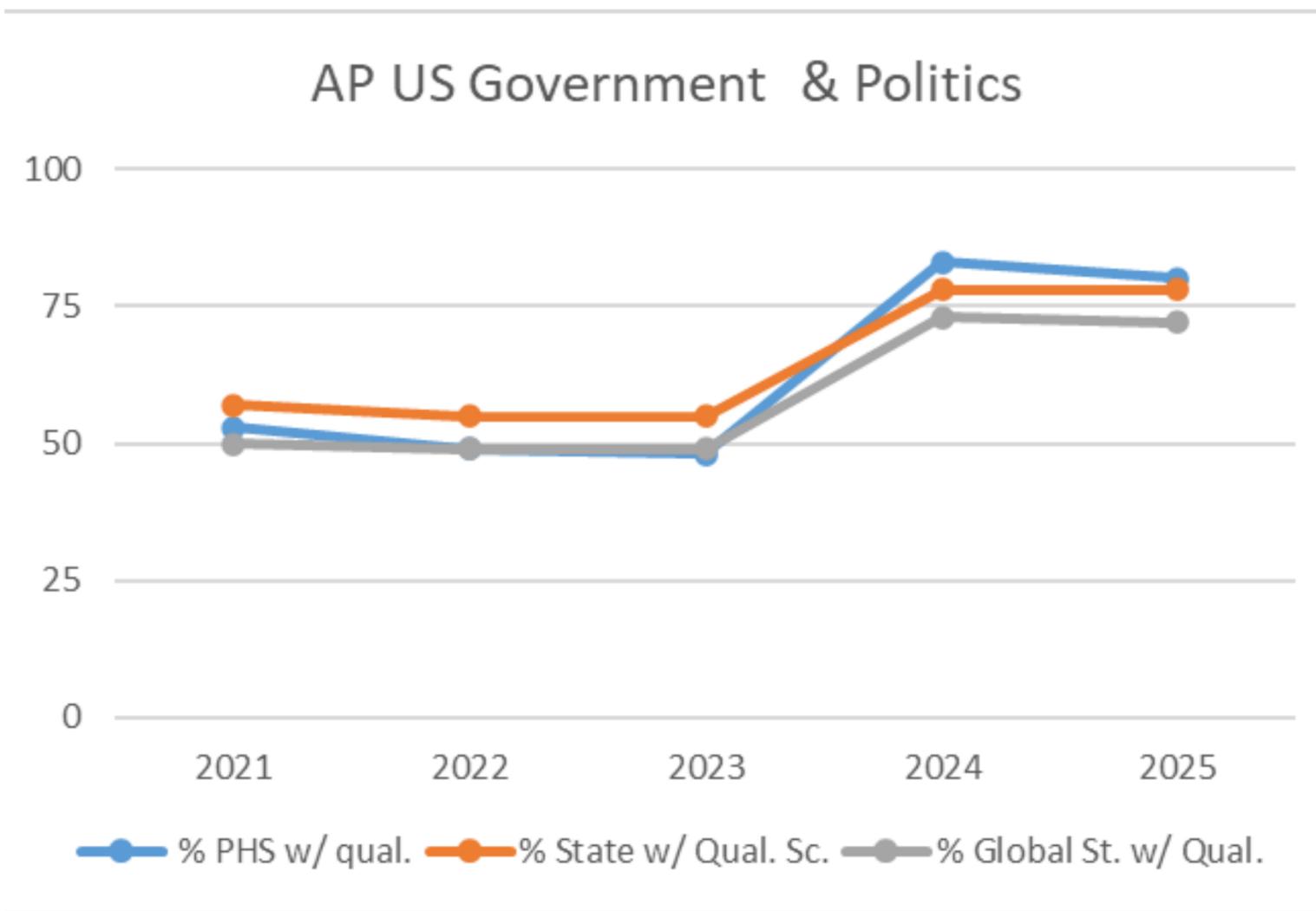
# AP Psychology



2025	Qualified	Did not Qualify
Identified AP Potential	31	2
Not Identified AP Potential	18	13

Total Number of students sitting for AP US Psychology was 64

# AP US Government & Politics



2025	Qualified	Did not Qualify
Identified AP Potential	28	5
Not Identified AP Potential	9	4

Total Number of students sitting for AP US Gov & Politics was 46

**SAT**<sup>®</sup>



# SAT 2021 -2024 Cohorts

	# of Tests	Class #	% Takers	Mean ERW	Mean Math	Mean/Combo
2025	111	165	67%	577	550	1127
2024	110	166	66%	562	561	1123
2023	136	172	79%	565	562	1127
2022	144	191	75%	570	546	1116
2021	65	196	33%	570	568	1138

# 2025 SAT Scores-Distribution

## Total and Section Scores

	Total Score	
1400–1600	2	
1200–1390	37	33%
1000–1190	54	49%
800–990	16	14%
600–790	2	
400–590	0	
Mean	1127	
SD	142	

	ERW		Math	
700–800	6	5%	3	
600–690	44	40%	35	32%
500–590	44	40%	43	39%
400–490	16	14%	28	25%
300–390	1		2	
200–290	0		0	
Mean	577		550	
SD	79		78	

The **ACT**<sup>®</sup>



# ACT Participation Rates

Grad Year	District	State
2018	82	18,219
2019	47	15,713
2020	15	N/A
2021	43	5,676
2022	20	N/A
2023	19	3,176
2024	13	
2025	23	

# 2020-2025 ACT Scores

## 1-36 Scale Score

Year	Composite		English	Math	Reading	Science	STEM	Writing	ELA
	Valid Number	Mean Score							
2024-2025	23	25.0	23.3	25.0	26.0	25.3	25.5	9.3	28.3
2023-2024	19	23.9	23.3	22.6	25.8	23.4	23.3	7.7	23.7
2022-2023	20	25.0	23.4	24.4	26.1	25.2	25.0	7.0	22.4
2021-2022	43	25.6	24.4	25.3	26.4	25.5	25.6	7.1	23.1