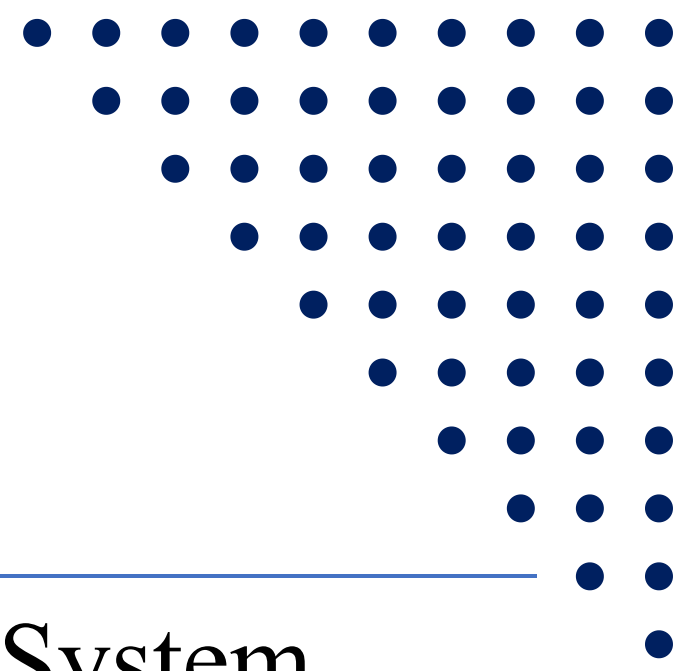


Achievement Report Pembroke Public Schools

October 6, 2026

Gwynne Chapman, Director of Visual & Performing Arts
Mark Galligan, Humanities Content Supervisor
Saviz Safizadeh, World Language Content Supervisor
Jonathan Shapiro, STEM Content Supervisor
Melinda Soliwoda, Elementary Content Supervisor

OUR MISSION:
Empowering students to reach their full academic and
personal potential for success in a dynamic world.



2026 Mass Comprehensive Assessment System

2026 Advanced Placement Exams

2026 Scholastic Aptitude Exams

2026 American College Testing



desse

2026 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	Half-test administered	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	Biology	Full test administered
2026	Full test administered	Biology	Full test administered

2026 MCAS Reporting

Name: Doe, Jonathan H.
SASID: 1234567890

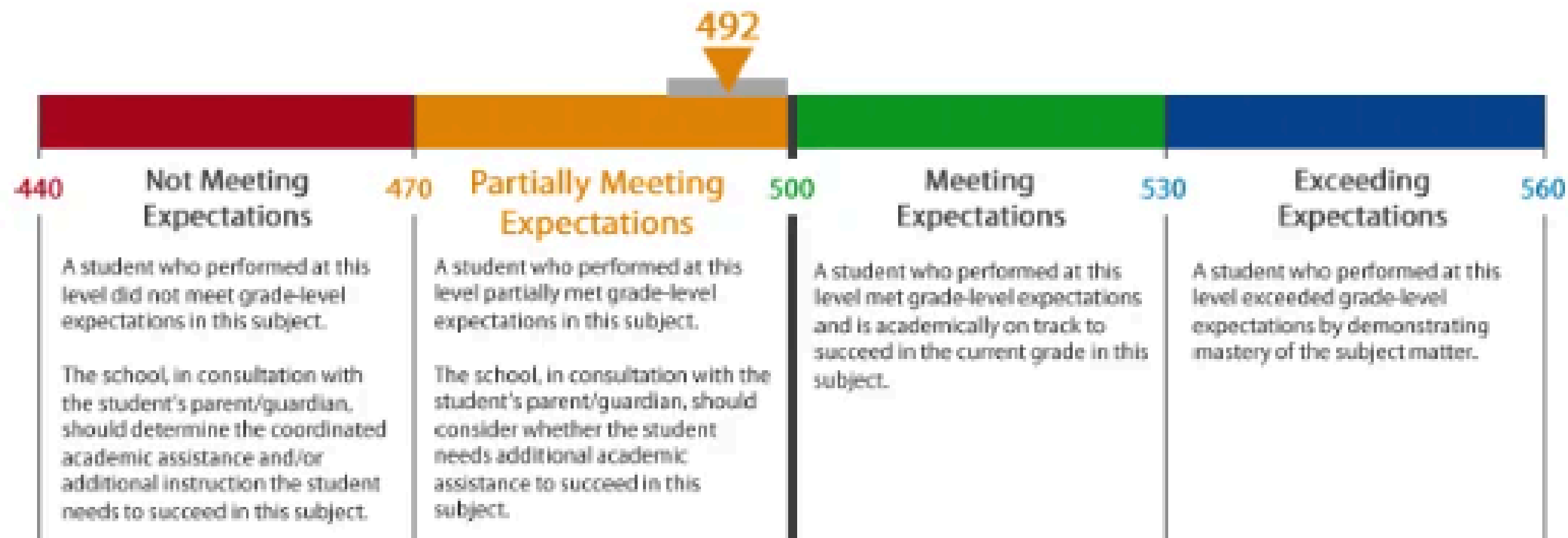
Grade 8
Spring 2017

English Language Arts Results

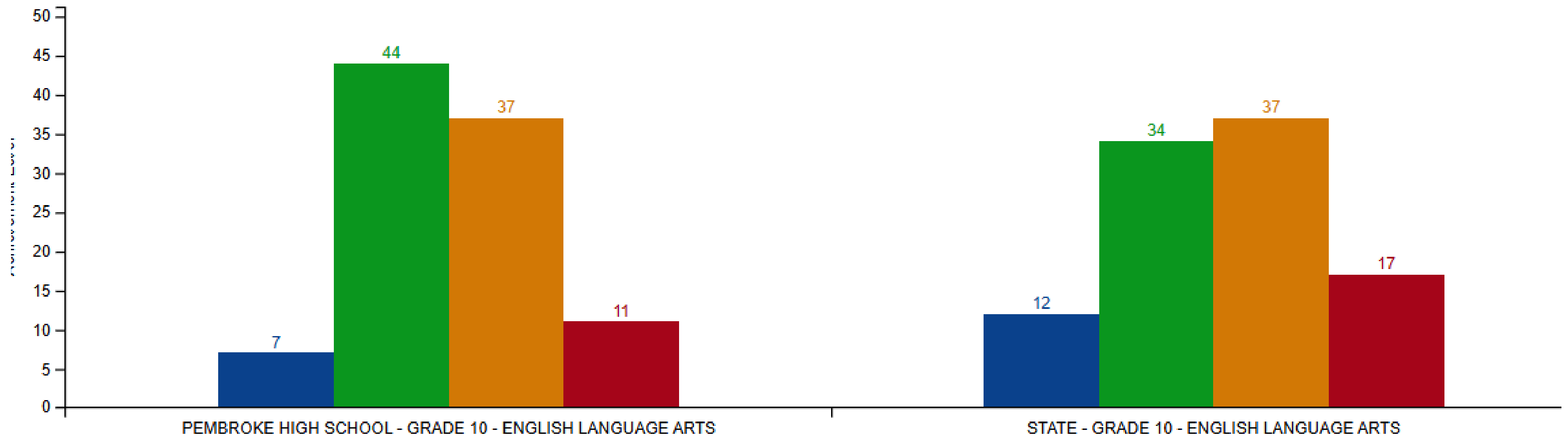
Computer-based test

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

Your Child's Score: **492**



2026 MCAS Grade 10- English Language Arts ME+ 51%

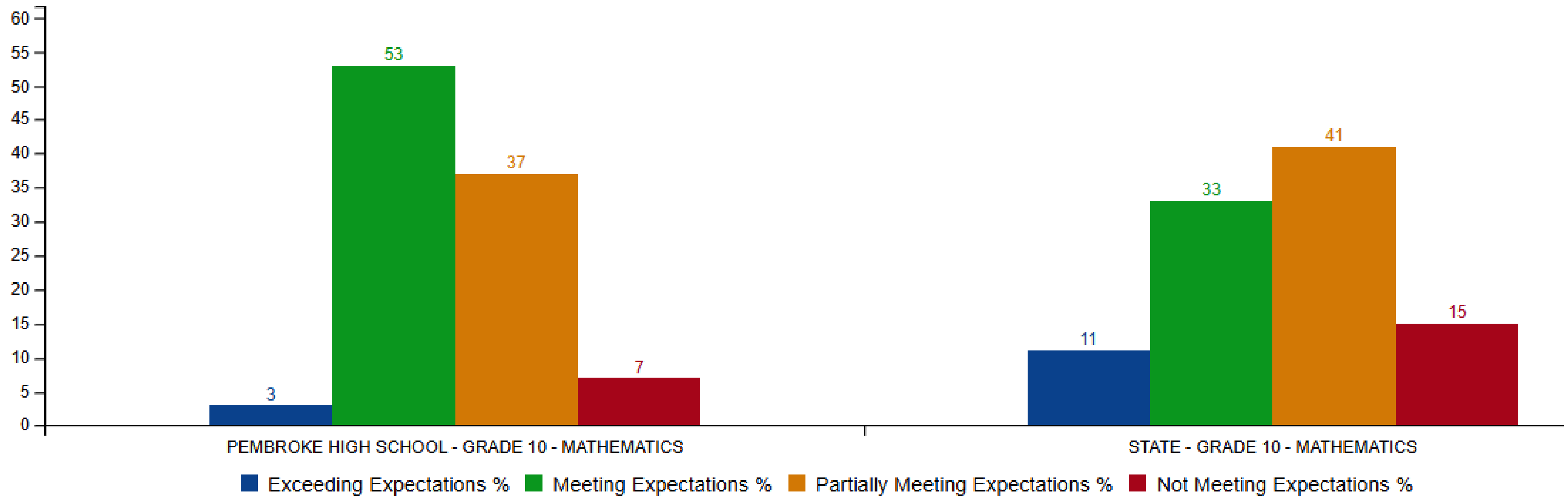


2019 ME+ 74%

2024 ME+ 71%

2025 ME+ 50%

2026 Grade 10 MCAS Mathematics ME+ 56%



2019 ME+ 66%

2024 ME+ 65%

2025 ME+ 51%

Grade 10

ELA & Mathematics Trends

GRADE 10 - ENGLISH LANGUAGE ARTS					
ACHIEVEMENT LEVEL		2023	2024	2025	2026
	Exceeding Expectations (E)	22	18	10	7
	Meeting Expectations (M)	52	53	40	44
	Partially Meeting Expectations (PM)	23	24	43	37
	Not Meeting Expectations (NM)	2	5	7	11

2026 Participation Rate = 100%

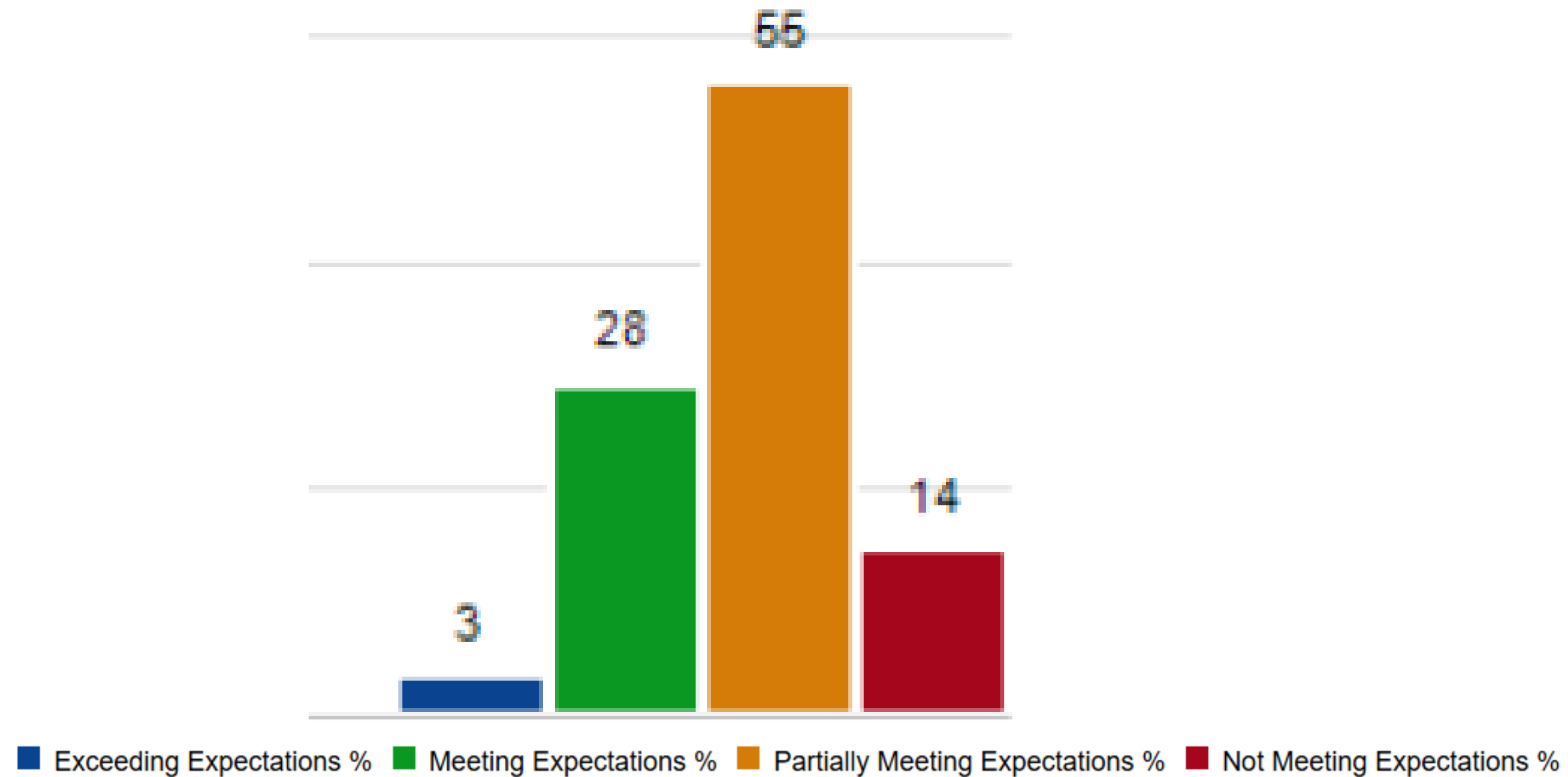
GRADE 10 - MATHEMATICS					
ACHIEVEMENT LEVEL		2023	2024	2025	2026
	Exceeding Expectations (E)	9	14	6	3
	Meeting Expectations (M)	56	51	45	53
	Partially Meeting Expectations (PM)	33	31	45	37
	Not Meeting Expectations (NM)	2	4	4	7

2026 Participation Rate = 99%

2026 Grade 9 MCAS Biology

ME+ 31%

State 38%

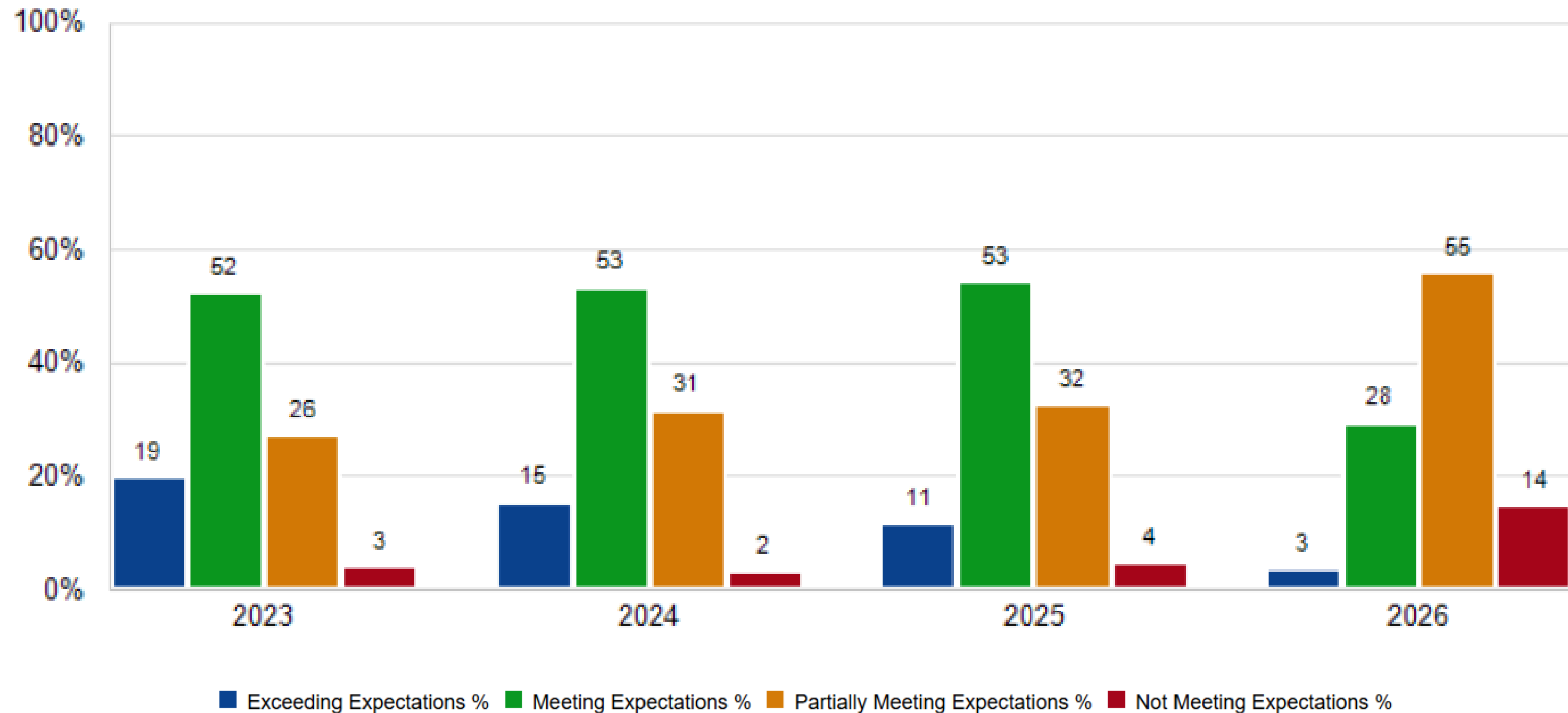


2024 ME+ 68%

2025 ME+ 64%

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



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

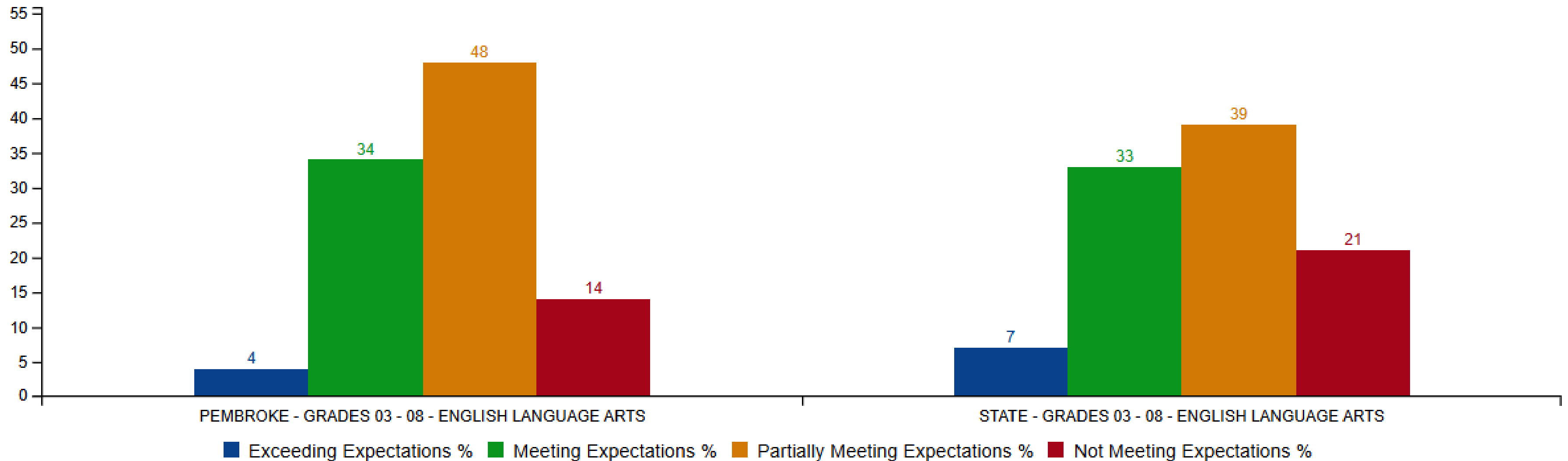
*Award site has not been updated since 2023 test

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.

2026 MCAS Grades 3-8 English Language Arts District Wide ME+ 38%



2019 ME+ 59%

2024 ME+ 43%

2025 ME+ 41%

2026 MCAS English Language Arts PCMS

Gr 7 ME+ 31% State 40%

Gr 8 ME+ 36% State 42%

GRADE 07 - ENGLISH LANGUAGE ARTS

ACHIEVEMENT LEVEL

2023 2024 2025 2026

	Exceeding Expectations (E)	6	9	3	4
	Meeting Expectations (M)	46	33	40	27
	Partially Meeting Expectations (PM)	41	49	44	47
	Not Meeting Expectations (NM)	8	8	12	21

2026 Participation Rate = 99%

GRADE 08 - ENGLISH LANGUAGE ARTS

ACHIEVEMENT LEVEL

2023 2024 2025 2026

	Exceeding Expectations (E)	4	4	1	3
	Meeting Expectations (M)	38	36	29	33
	Partially Meeting Expectations (PM)	46	47	55	40
	Not Meeting Expectations (NM)	12	13	15	23

2026 Participation Rate = 99%

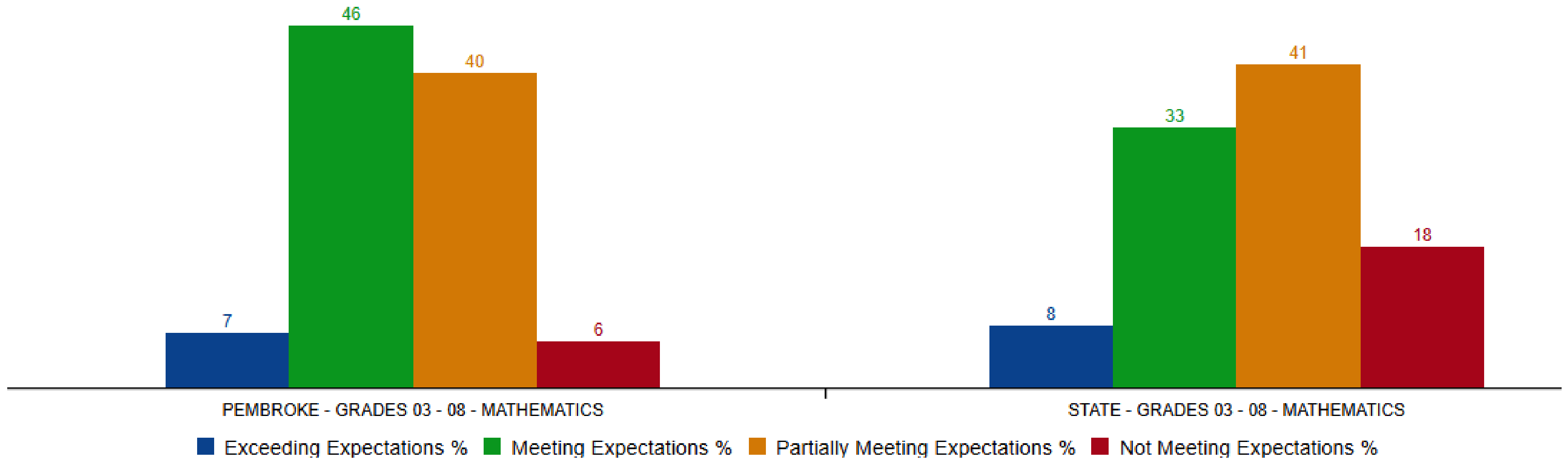
2019 ME+ Grade 7 55%

2019 ME+ Grade 8 50%

2025 ME+ Grade 7 43%

2025 ME+ Grade 8 30%

2026 MCAS Grades 3-8 Mathematics District Wide ME+ 53%



2019 ME+ 62%

2024 ME+ 59%

2025 ME+ 55%

2026 MCAS Mathematics PCMS

Gr 7 ME+ 33% State 38%

GRADE 07 - MATHEMATICS					
ACHIEVEMENT LEVEL		2023	2024	2025	2026
	Exceeding Expectations (E)	7	6	7	6
	Meeting Expectations (M)	47	41	47	27
	Partially Meeting Expectations (PM)	39	45	38	57
	Not Meeting Expectations (NM)	8	9	8	10

2026 Participation Rate = 98%

2019 ME+ Grade 7= 54 %

2025 ME+ Grade 7= 54%

Gr 8 ME+ 67% State 42%

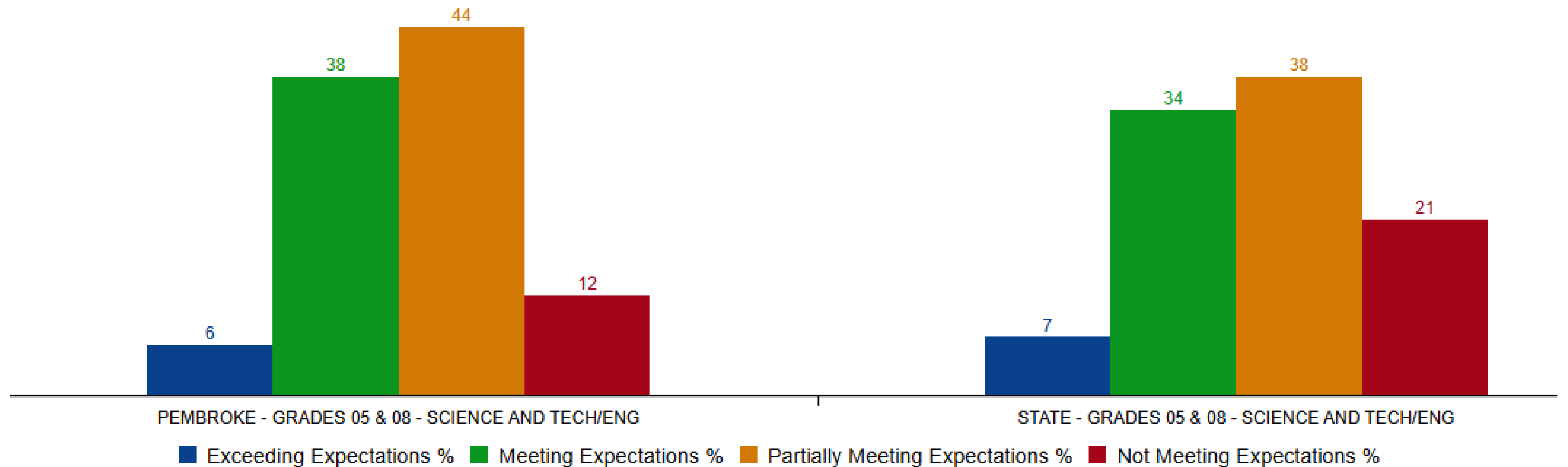
GRADE 08 - MATHEMATICS					
ACHIEVEMENT LEVEL		2023	2024	2025	2026
	Exceeding Expectations (E)	12	7	8	13
	Meeting Expectations (M)	53	63	48	54
	Partially Meeting Expectations (PM)	32	26	37	29
	Not Meeting Expectations (NM)	4	4	7	3

2026 Participation Rate = 99%

2019 ME+ Grade 8= 59 %

2025 ME+ Grade 8= 56%

2026 MCAS Grades 5-8 District Wide Science ME+ 44%

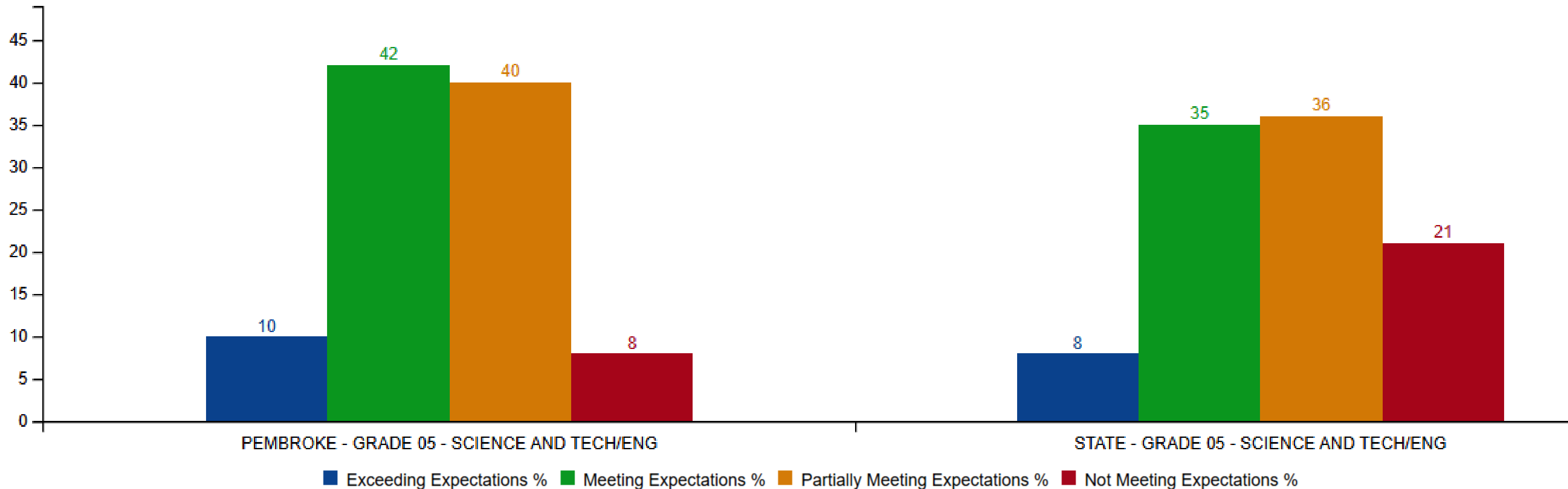


2019 ME+ 56%

2024 ME+ 39

2025 ME+27%

2026 MCAS Grade 5 Science & Technology/Engineering District Wide ME+ 52%



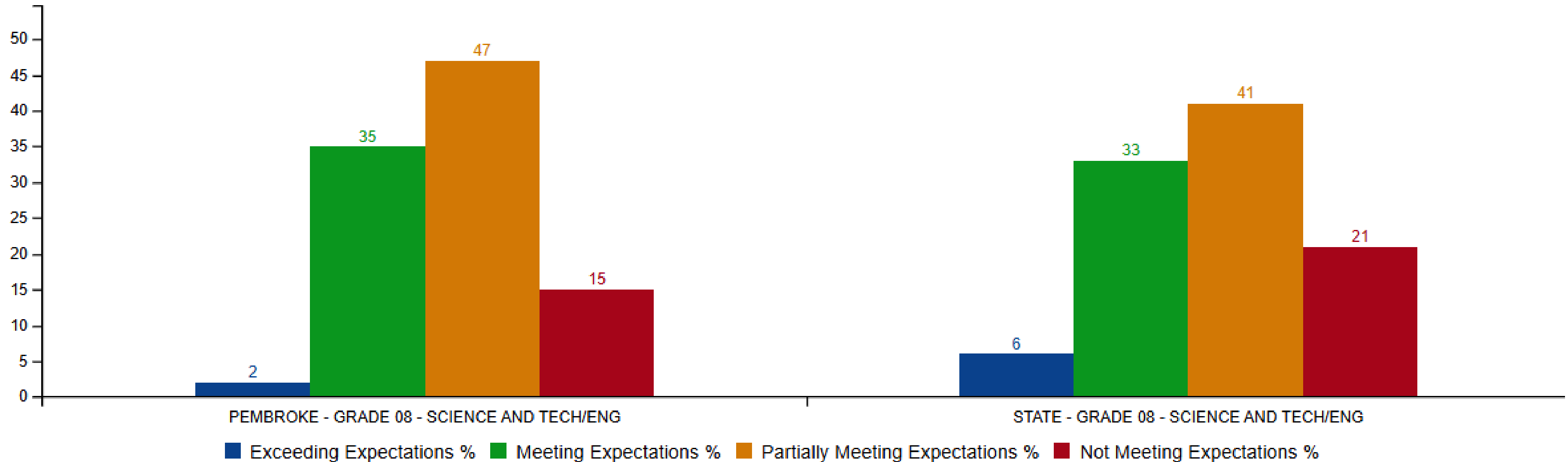
2019 ME+ 67 %

2024 ME+ 47 %

2025 ME+ 50%

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

2026 MCAS Grade 8 Science & Technology/Engineering ME+ 37%



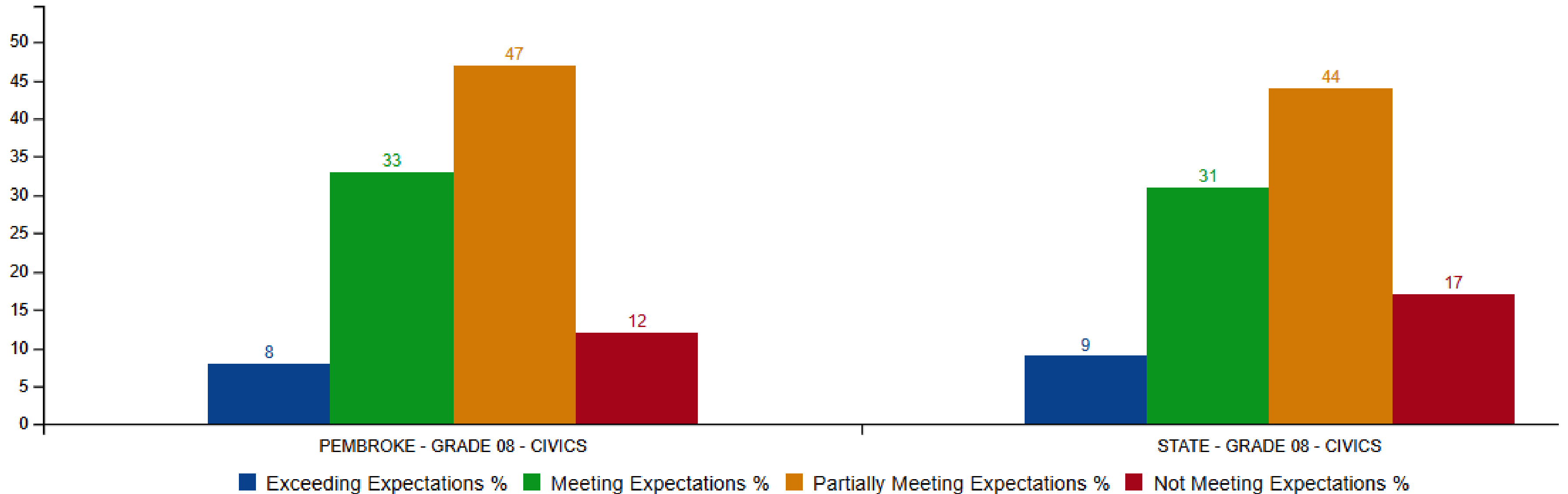
2019 ME+ 47%

2024 ME+ 32%

2025 ME+ 27%

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

2026 MCAS Grade 8 Civics ME+ 41%

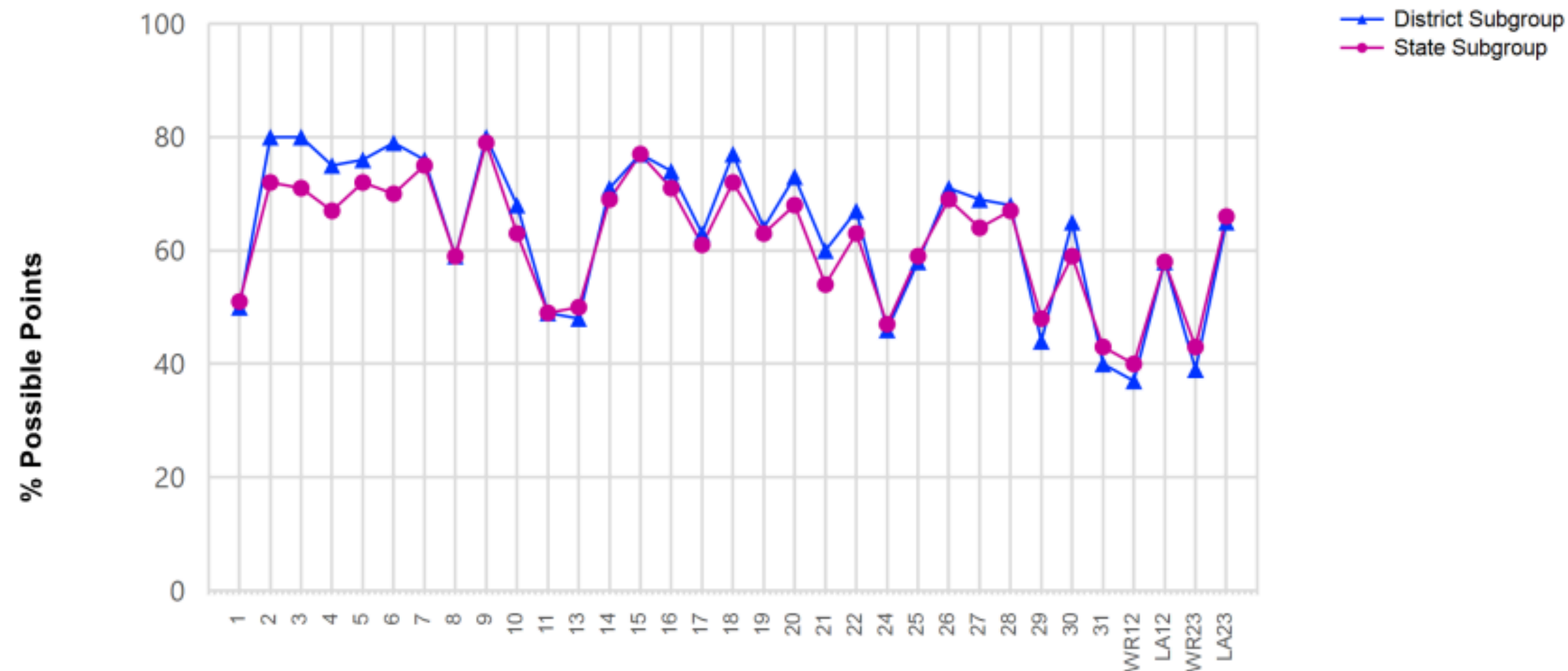


2025 ME+ 27%

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	1	50	51
2	2	80	72
3	3	80	71
4	4	75	67
5	5	76	72
6	6	79	70
7	7	76	75
8	8	59	59
9	9	80	79
10	10	68	63
11	11	49	49
13	13	48	50
14	14	71	69
15	15	77	77
16	16	74	71

How do we use data?

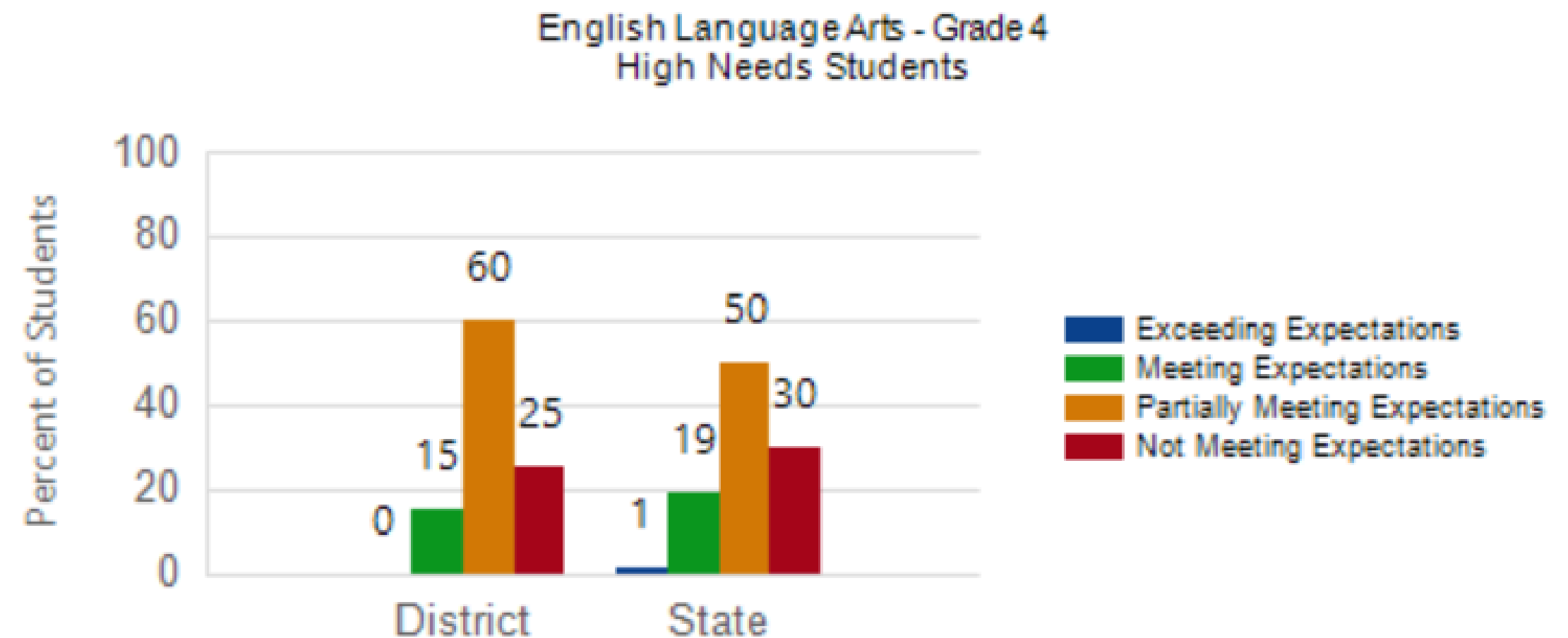
Sample –Demographic Analysis- High Needs Students Grade 4

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

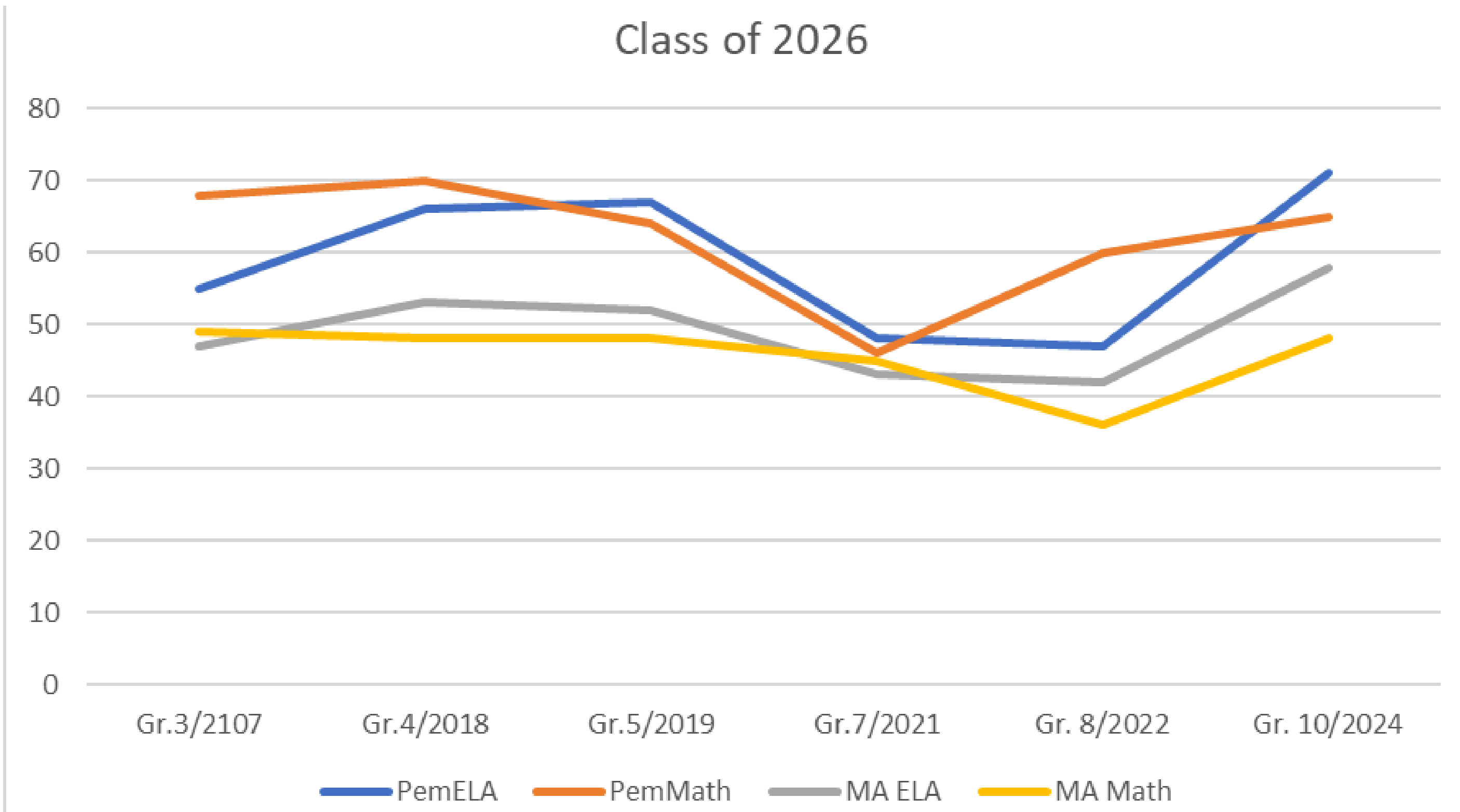
Participation Rate: 100%

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
Total Included	53		



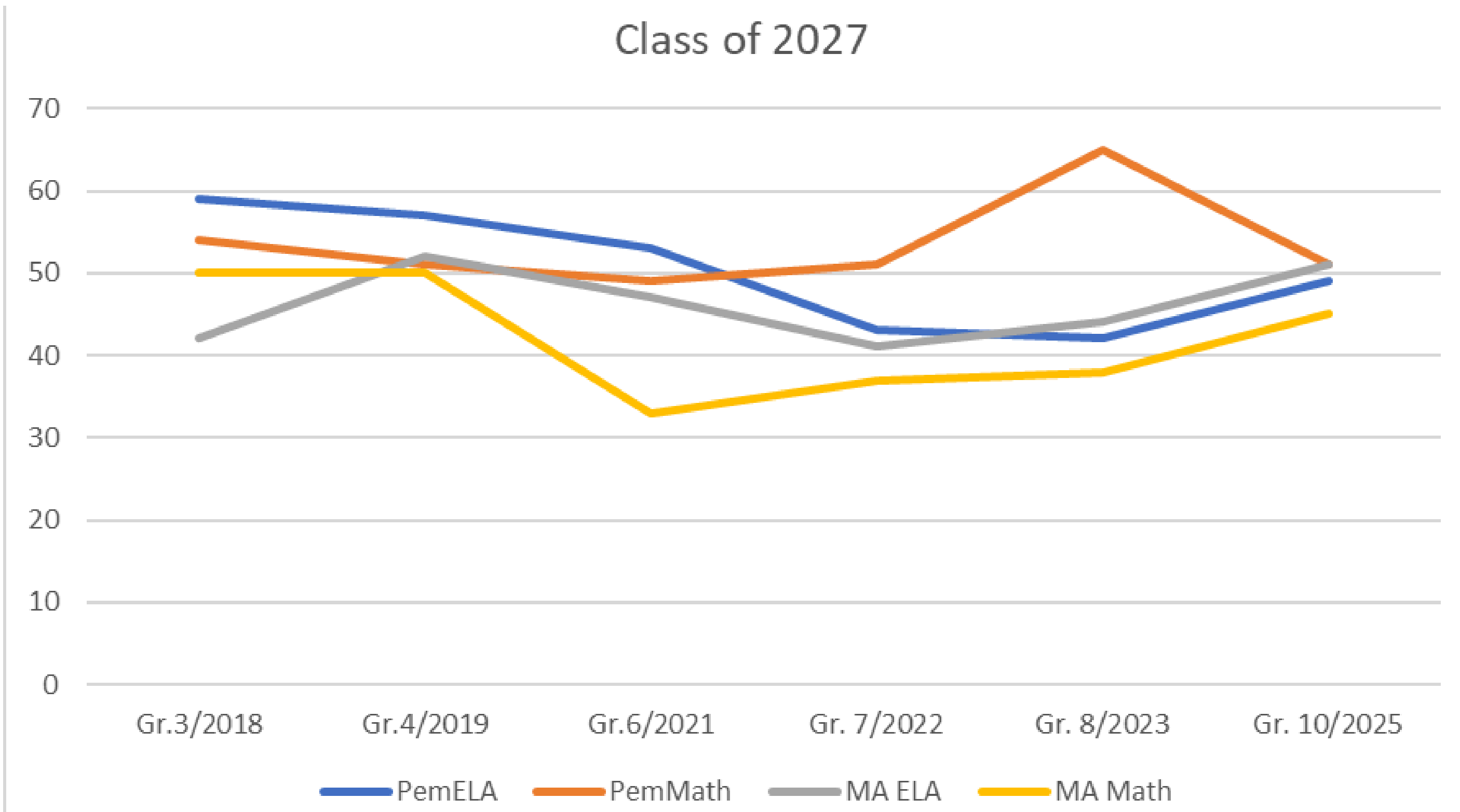
How do we use data: Grade Cohorts

Class of 2026-Graduated Students



How do we use data: Grade Cohorts

Class of 2027/Grade 12 Students



How do we use data?

Comparisons with Patriot League 2025 & 2026

ELA and Mathematics

Town	25 ELA ME+	26 ELA ME+
Hingham	81	76
Duxbury	84	73
Scituate	73	64
Marshfield	61	61
N Quincy	62	59
Hanover	67	56
Plymouth North	49	56
Pembroke	50	51
MA	51	45
Quincy	45	44
Plymouth South	40	43
Silver Lake	45	35
Whit Hanson	50	33

Town	25 Math ME+	26 Math ME+
Hingham	68	77
Duxbury	90	76
Scituate	66	60
N Quincy	59	59
Marshfield	47	59
Hanover	64	58
Pembroke	50	56
Silver Lake	49	44
MA	49	44
Quincy	33	38
Plymouth North	36	37
Whit Hanson	45	31
Plymouth South	26	27

How do we use data?

Comparisons with Patriot League 2025 & 2026: Grade 9 & 10 Science

Town	25 Sci ME+	26 Sci ME+
Hingham	71	75
Duxbury	78	64
Pembroke	67	63
Hanover	60	60
North Quincy	57	54
Marshfield	40	52
Scituate	72	49
MA	49	41
Whitman Hanson	62	36
Silver Lake	48	35
Quincy	37	35
Plymouth North	38	33
Plymouth South	34	29

How do we use data?

Comparisons with 2024 & 2025 DART Schools

Grade 10 ELA & Mathematics

Town	25 ELA M + E %	26 ELA M + E %
Sturgis Charter School	79	74
Holliston	77	73
*Scituate High School	73	64
Grafton	59	64
*Wakefield	59	63
*Old Rochester	59	63
North Reading	72	62
Pentucket	74	60
Longmeadow	68	57
Mansfield	63	56
*Wilmington	61	55
*Freetown Lakeville	56	54
Pembroke	50	51
Ashburnham	58	50
East Longmeadow	51	46
Tewksbury	69	45
MA	51	45

Town	25 Math M + E %	26 Math M + E %
Holliston	79	82
North Reading	74	70
Sturgis Charter School	66	69
Grafton	52	62
*Wakefield	50	62
Mansfield	57	61
Longmeadow	67	60
*Scituate High School	66	60
*Wilmington	59	57
*Old Rochester	59	56
Pembroke	51	56
East Longmeadow	49	52
*Freetown Lakeville	55	51
Pentucket	60	48
Tewksbury	69	45
MA	51	44
Ashburnham	47	43

How do we use data?

Comparisons 2024 & 2025 DART Schools: Grade 9& 10 Science

Town	25 Science M+E %	26 Science M+E %
Holliston	70	73
North Reading	79	69
Longmeadow	69	64
Pembroke	67	63
*Scituate High School	72	60
*Wakefield	68	60
Grafton	59	60
Sturgis Charter School	66	58
*Wilmington	61	53
*Freetown Lakeville	68	49
East Longmeadow	49	49
*Old Rochester	51	48
Ashburnham	55	48
Mansfield	51	45
Pentucket	64	43
MA	51	41
Tewksbury	59	37

Refresher: MA Accountability System 101

1 The Massachusetts accountability system consists of two components...

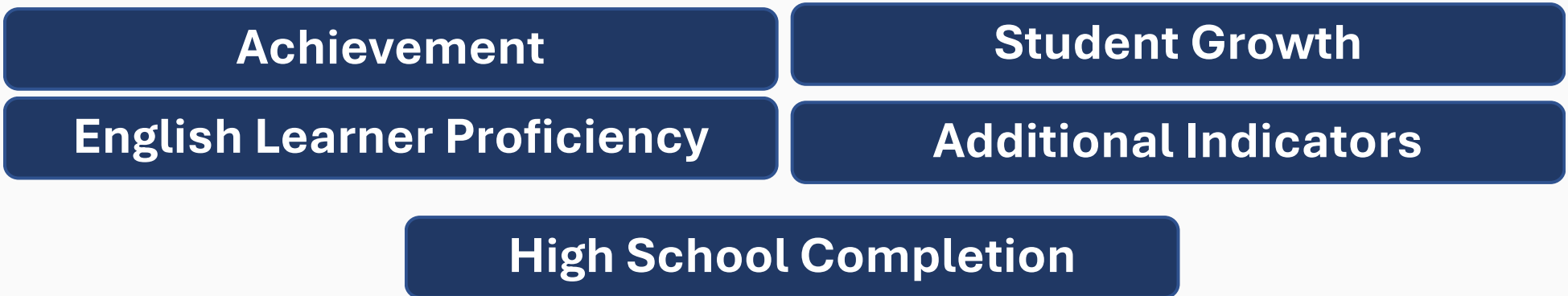
**Normative Component
(Accountability Percentile)**

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.

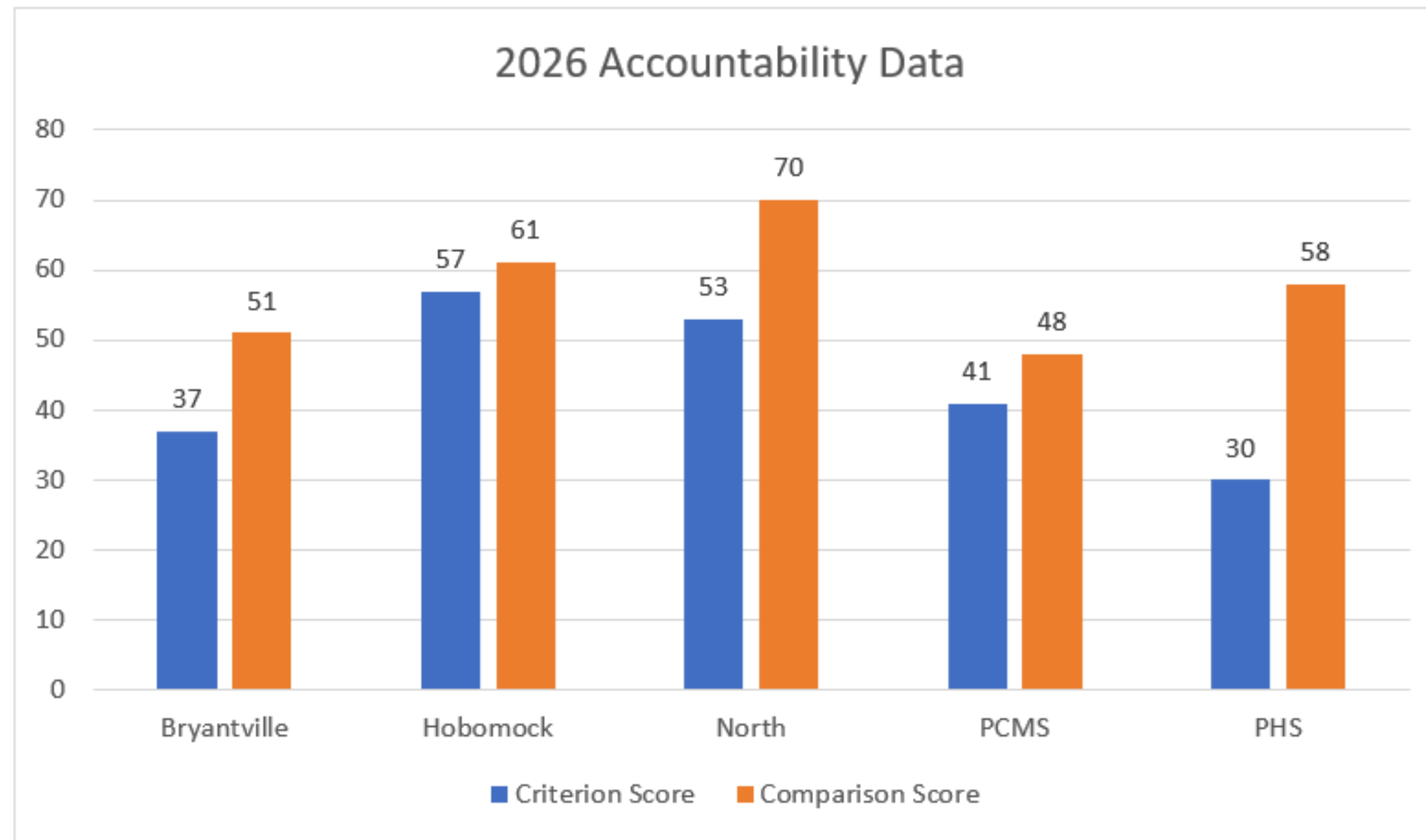
Not requiring assistance or intervention					Requiring assistance or intervention	
Schools of recognition	Meeting or exceeding targets	Substantial progress toward targets	Moderate progress toward targets	Limited or no progress toward targets	Focused/ targeted support	Broad/ comprehensive support
Recognized 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	- Percentiles 1-10 - Low graduation rate - Low performing group(s) - Low participation	- Underperforming schools - Chronically underperforming schools

2026 PHS Criterion Referenced Rating

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	1	4	-	0	4	-
	Mathematics achievement	0	4	-	0	4	-
	Science achievement	3	4	-	0	4	-
	Achievement total	4	12	47.5	0	12	67.5
Growth	English language arts growth	2	4	-	2	4	-
	Mathematics growth	0	4	-	0	4	-
	Growth total	2	8	22.5	2	8	22.5
High school completion	Four-year cohort graduation rate	4	4	-	-	-	-
	Extended engagement rate	4	4	-	-	-	-
	Annual dropout rate	3	4	-	-	-	-
	High school completion total	11	12	20.0	-	-	-
Progress toward attaining English language proficiency	English language proficiency total	-	-	-	-	-	-
Additional indicators	Chronic absenteeism	1	4	-	4	4	-
	Advanced coursework completion	0	4	-	-	-	-
	Additional indicators total	1	8	10.0	4	4	10.0
Weighted total		4.7	10.7	-	0.9	10.3	-
Percentage of possible points		44%		-	9%		-
2026 Annual criterion-referenced target percentage		26%					

Overall progress toward improvement targets

	2025	2026
Annual criterion-referenced target percentage	37%	26%
Weight	40%	60%
Cumulative Criterion-referenced target percentage (2025 x 40%) + (2026 x 60%)	30%	
	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

Next Steps

2026-2027

Focus on Literacy/ELA:

- Year 2 Piloting Simplify Writing
- Grade 3 changes:
 - Reading Specialists/Testing
 -
- Word Origins/Extension of UFLI Grades 3-6
- Comparing ELA High Quality Instructional Materials for Grades 3-8 review.

Test changes for Grade 5 and Grade 8 Science

- Two sessions; six performance tasks
- No separate discrete items
- All of the tasks will be based on phenomena like we use in OpenSciEd and FOSS.
- Tasks will include story scenes, interactive simulations, and questions requiring students to apply science knowledge and practices..

The logo features the letters 'A' and 'P' in a large, bold, 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[®]



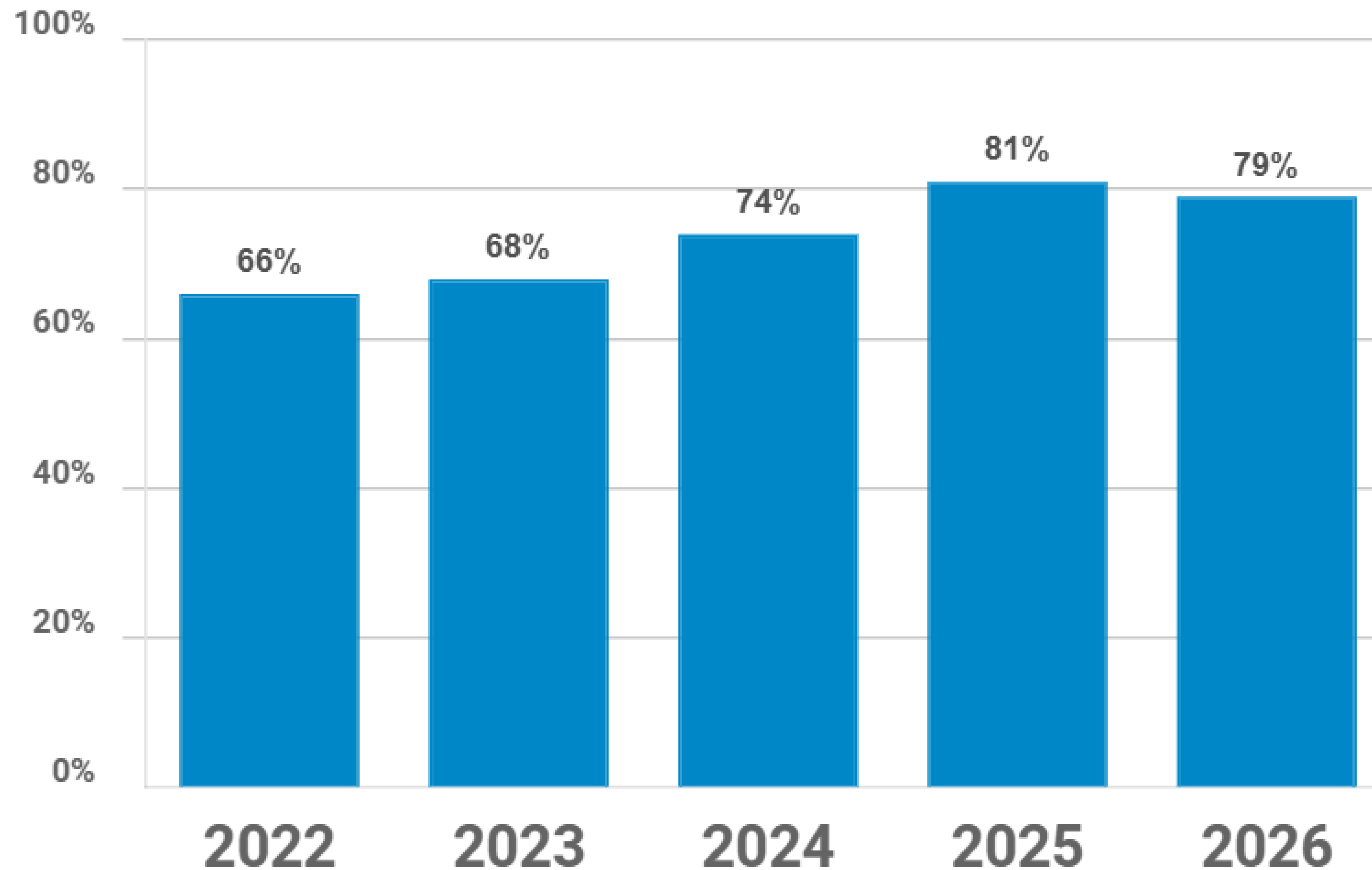
CollegeBoard

2026 AP Participation

	2022	2023	2024	2025	2026
Total AP Students	239	219	216	236	244
Number of Exams	461	428	409	465	507
AP Students with Scores 3+	158	148	160	190	193
% of Total AP Students with Scores 3+	66.11	67.58	74.07	80.51	79.10

AP 5 Year Report

Students earning a qualifying score



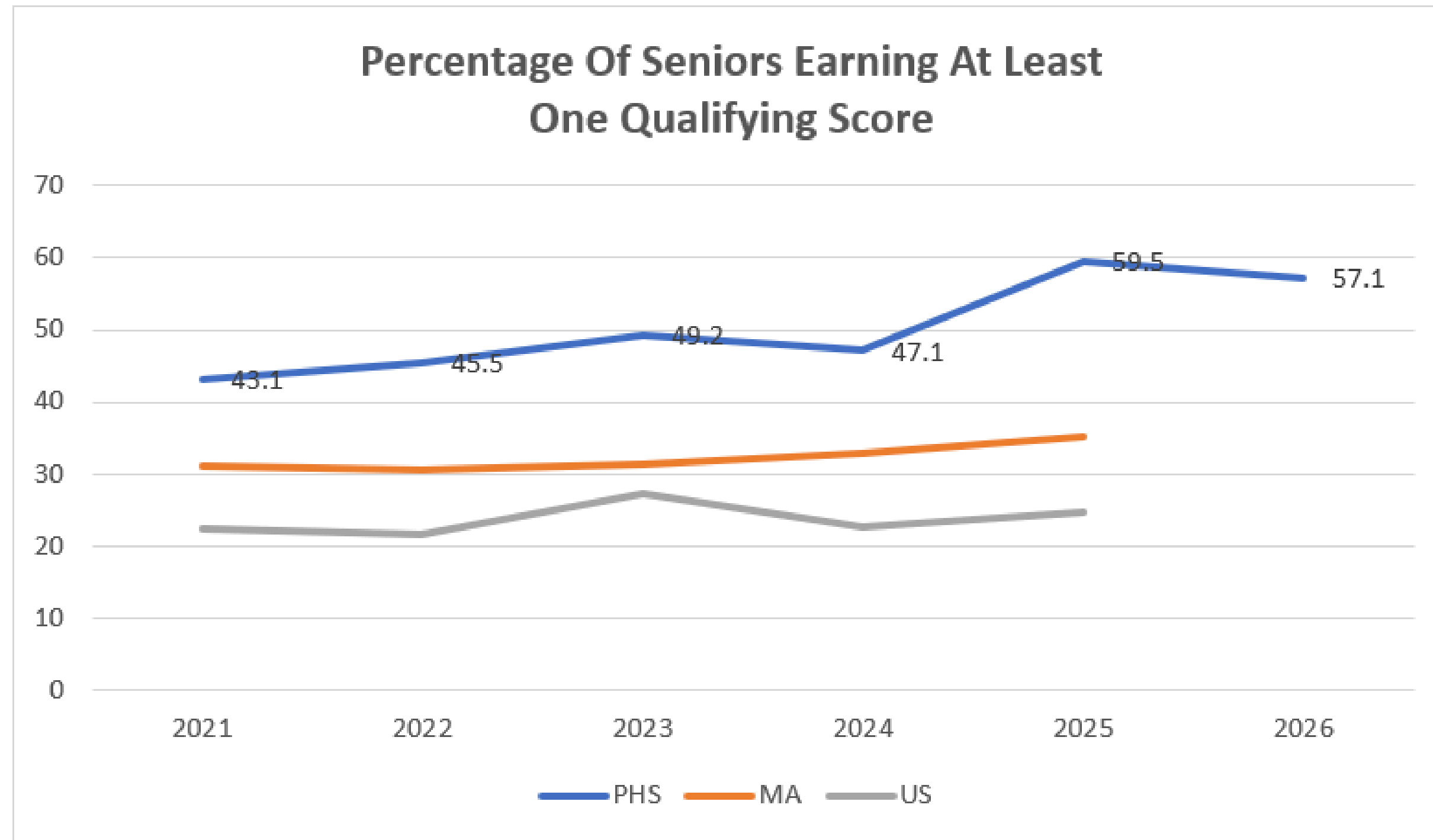
AP Participation by Class

	% Sophomores	% Juniors	% Seniors
2020	5.8	37	52
2021	9.1	42	52
2022	7	53	63
2023	7	42	74
2024	6	55	62
2025	22	51	70
2026	32	51	63

AP Scholars-2026

	AP Scholar Granted to students who receive scores of 3 or higher on three or more AP Exams	AP Scholar with Honor Granted to students who receive an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams	AP Scholar with Distinction Granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams.
Number of Scholars	28	18	36
Average Score	3.2	3.57	4.14

Qualifying Scores for Class of 2026



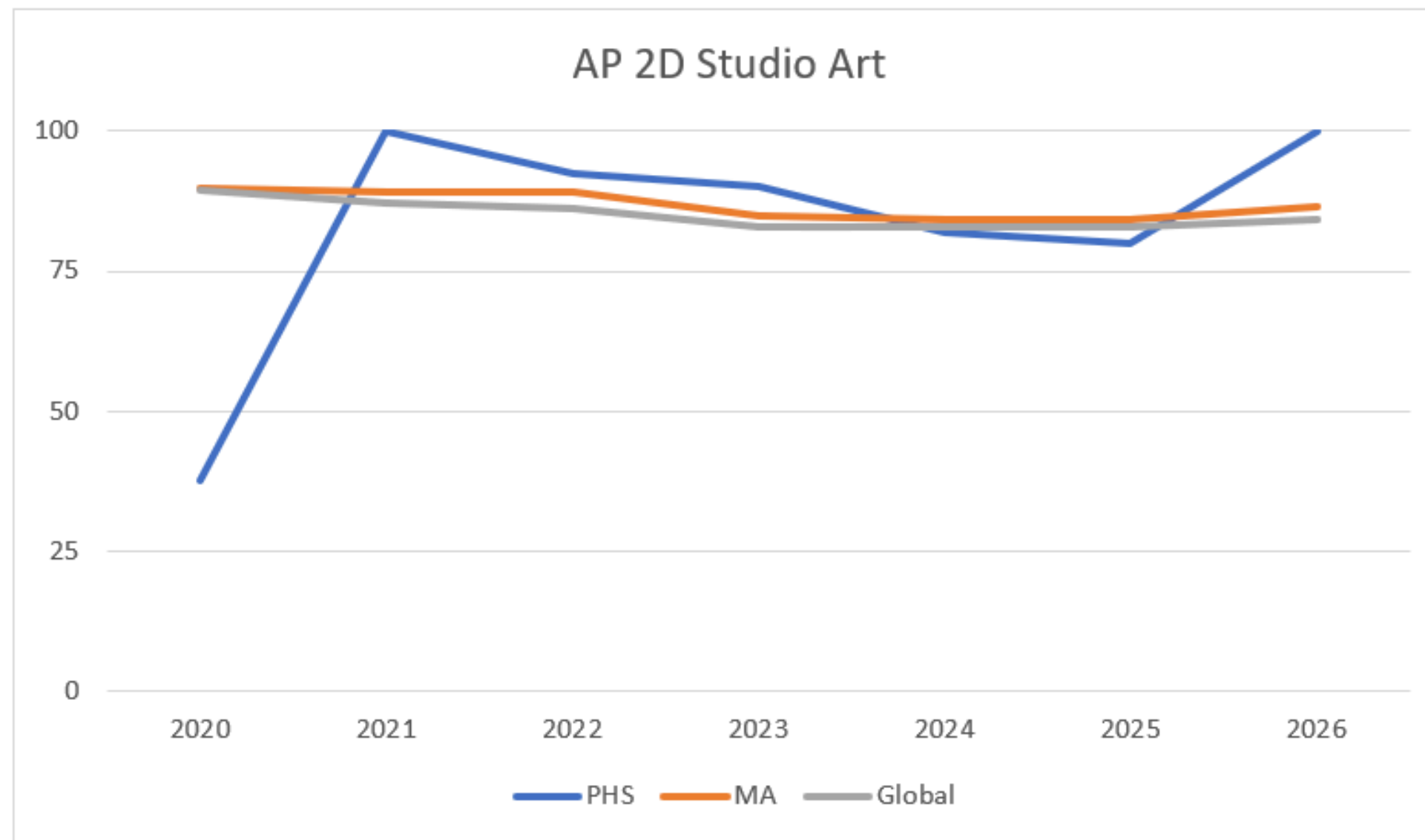
What is AP Potential?

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[®] Exam based on their performance on the PSAT/NMSQT[®], PSAT[™] 8/9, PSAT[™] 10, or SAT[®].

AP Potential is rooted in a long line of research showing moderate to strong correlations between PSAT/NMSQT[®] 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.

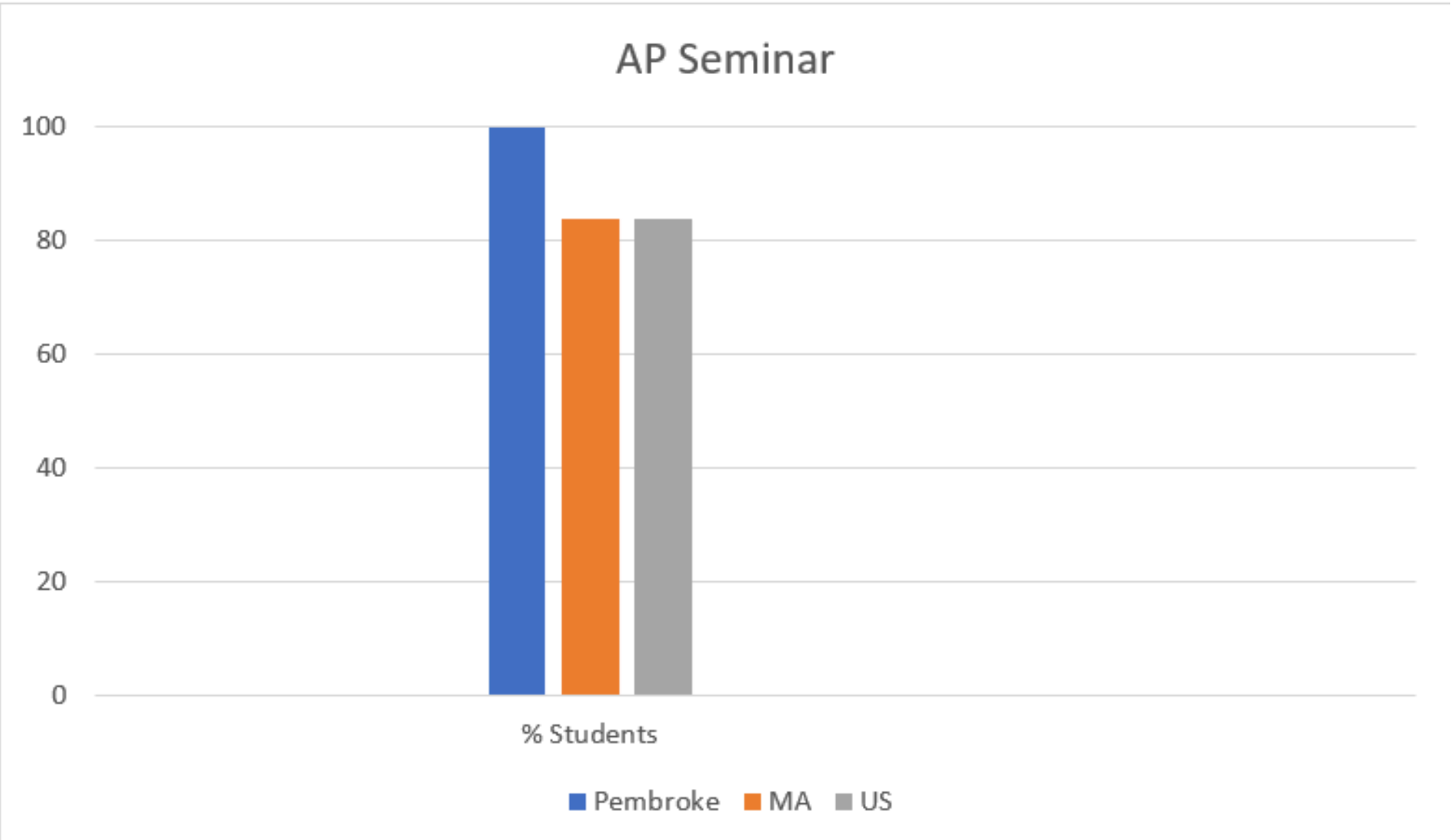
AP Potential is designed to help you increase access to AP and to ensure that no student who has the chance of succeeding in AP is overlooked.

AP 2D Studio Art Qualifying Scores



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

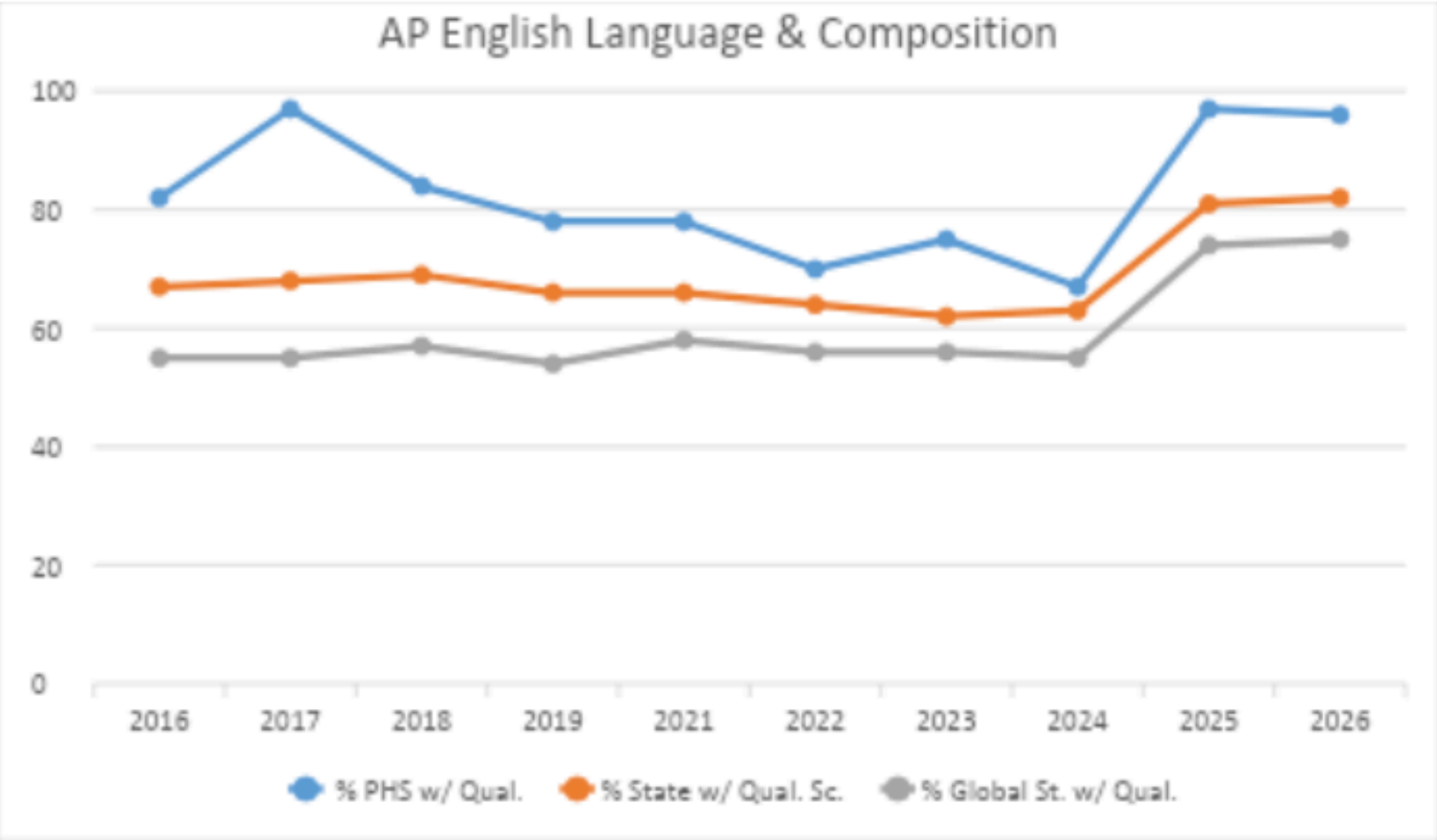
AP Seminar Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	16	0
Not Identified AP Potential	1	0

Total number of students sitting for AP Lit & Comp was 17

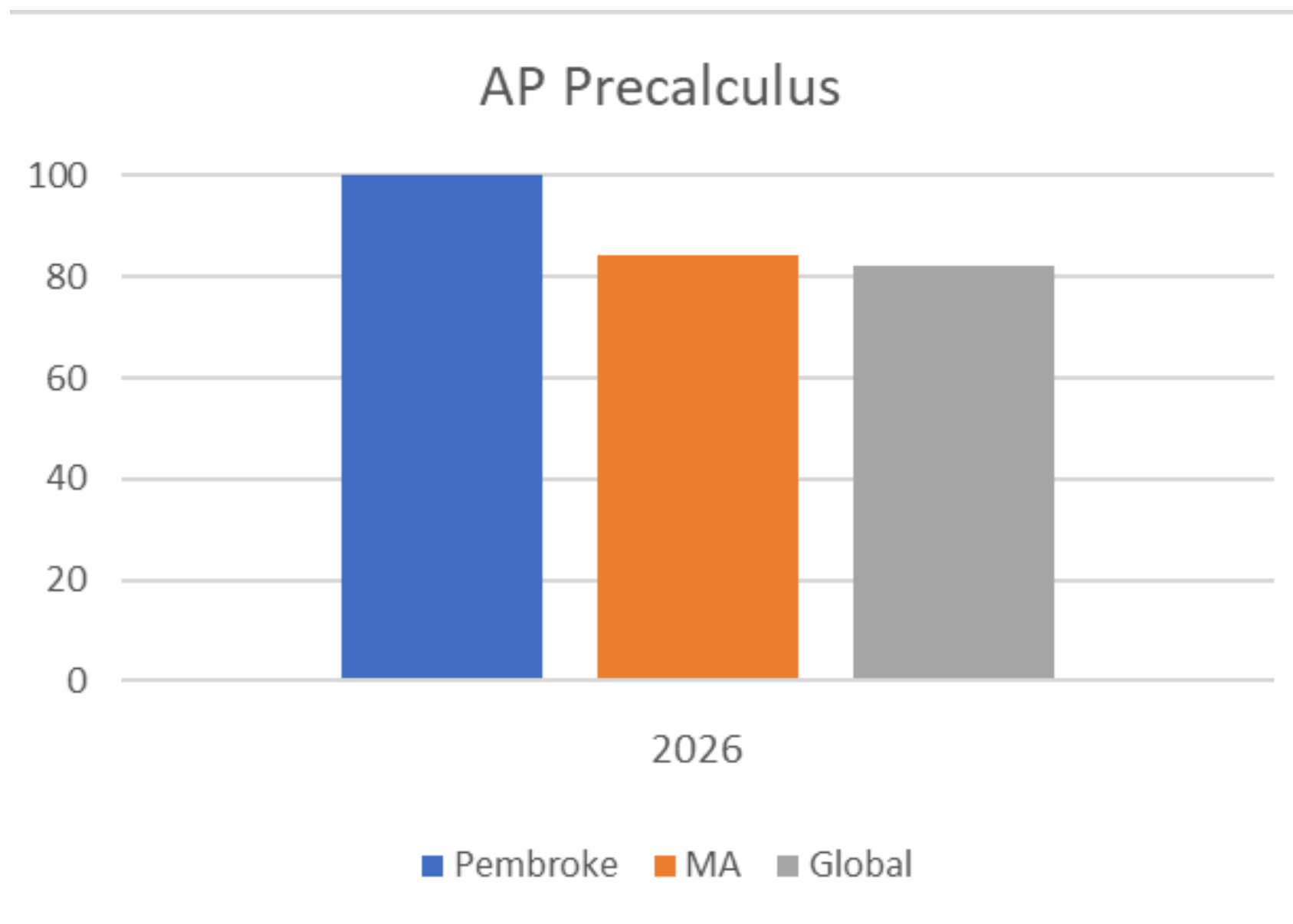
AP English Language & Composition Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	25	1
Not Identified AP Potential	0	0

Total number of students sitting for AP Lang & Comp was 26

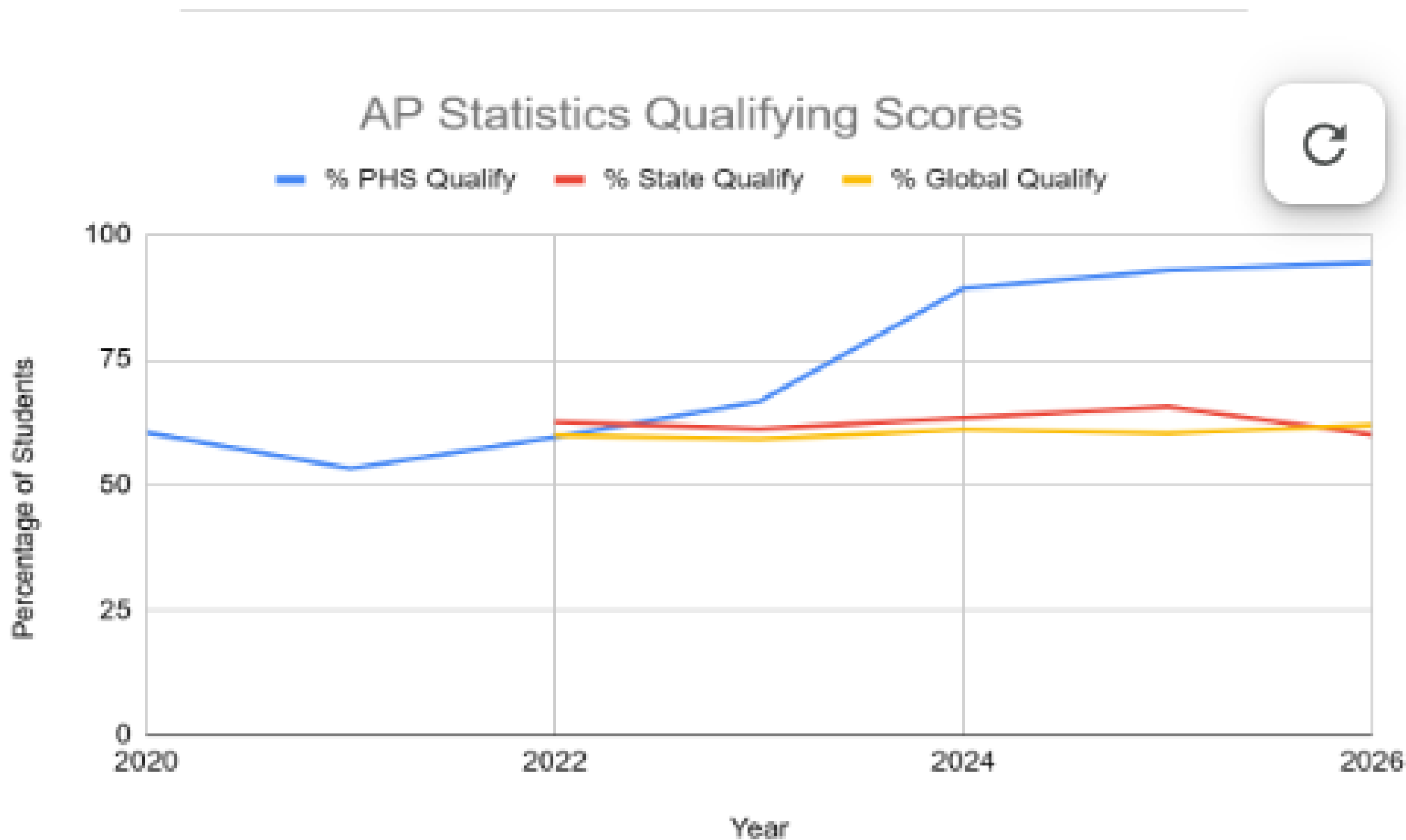
AP Precalculus Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	18	0
Not Identified AP Potential	0	0

Total Number of students sitting for AP Physics was 18

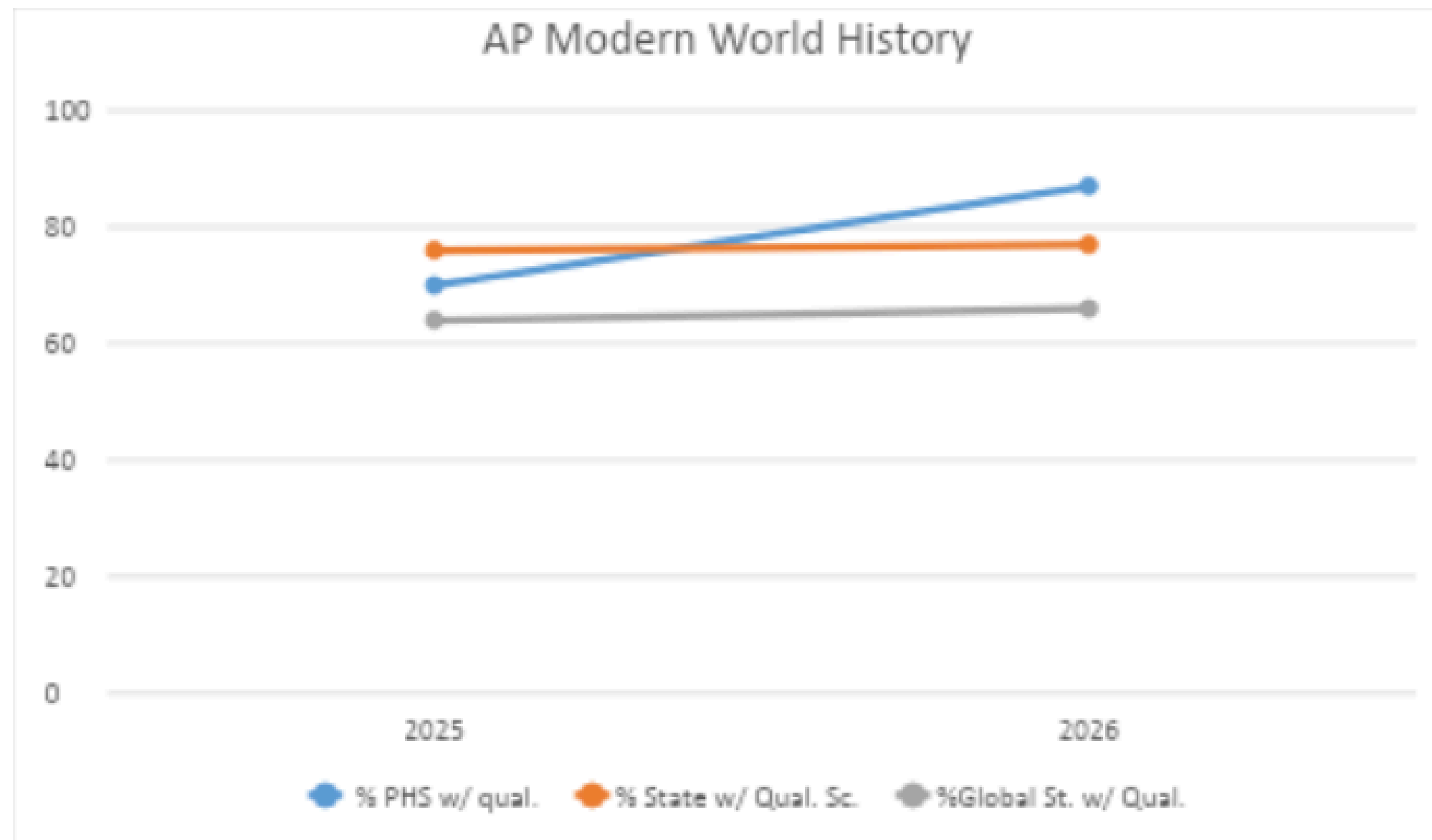
AP Statistics Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	13	0
Not Identified AP Potential	4	1

Total number of students sitting for AP Statistics was 18

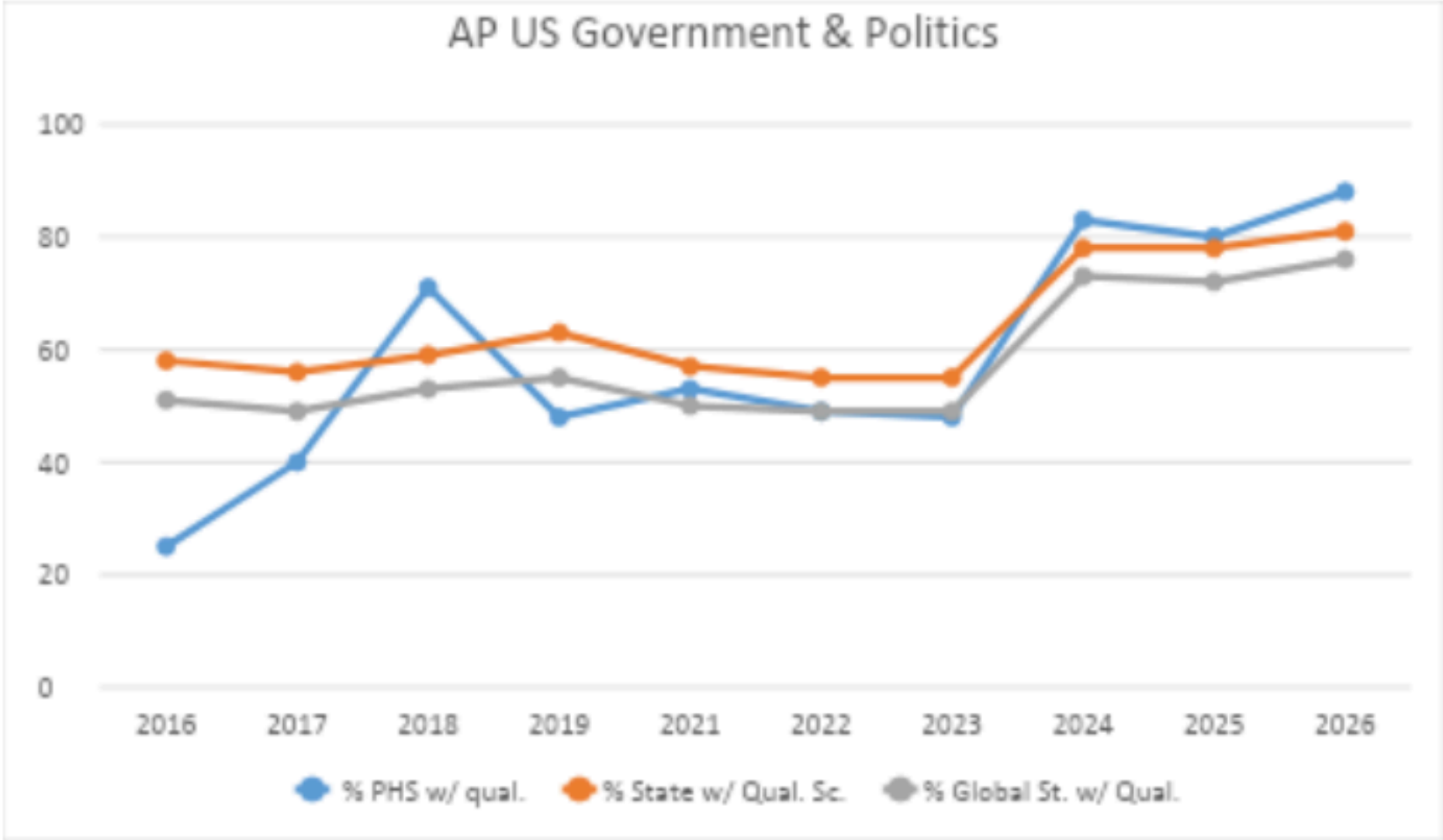
AP World History-Modern Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	29	1
Not Identified AP Potential	5	4

Total Number of students sitting for AP World History was 39

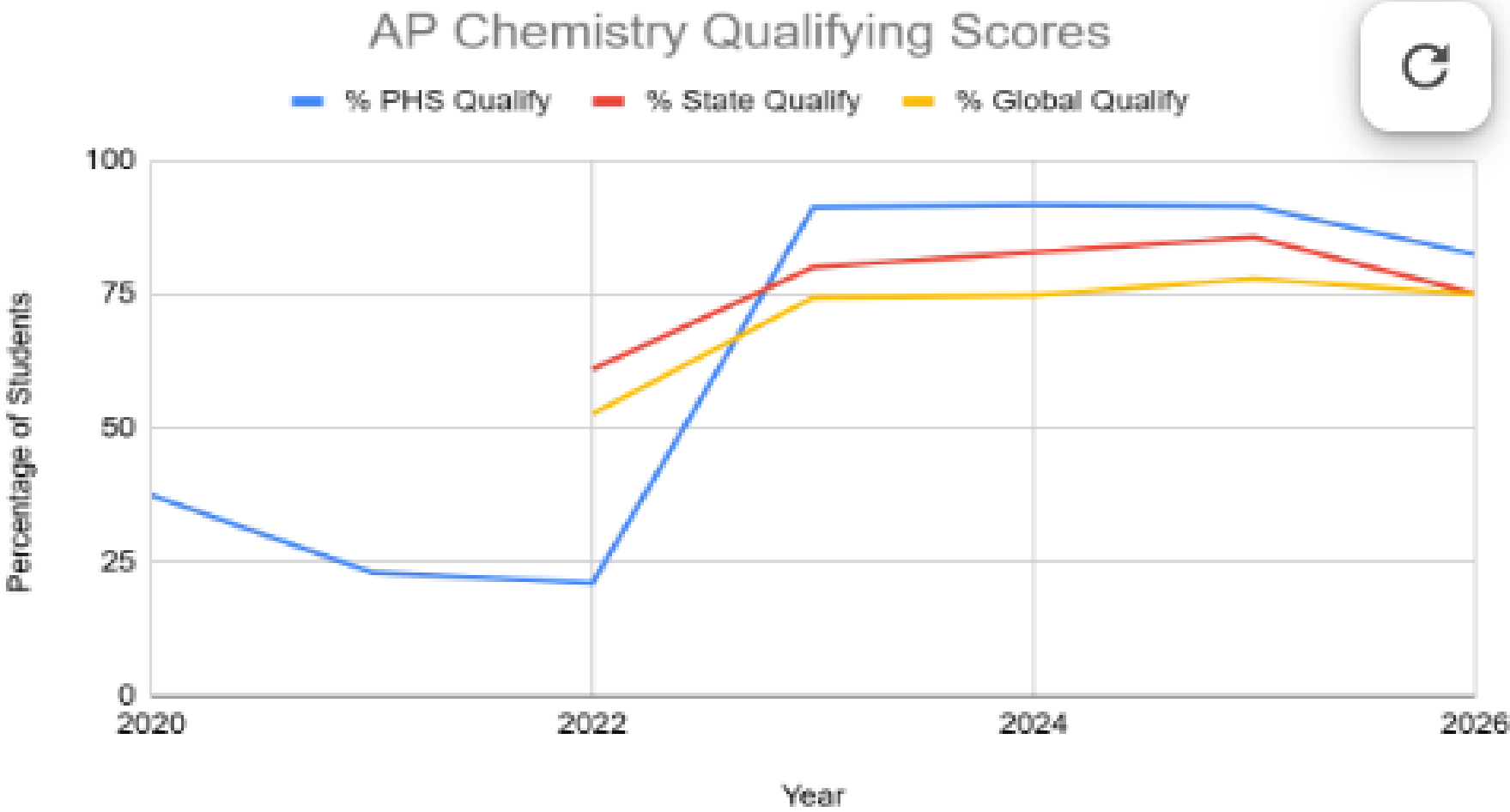
AP US Government & Politics Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	20	0
Not Identified AP Potential	8	4

Total Number of students sitting for AP US Gov & Politics was 32

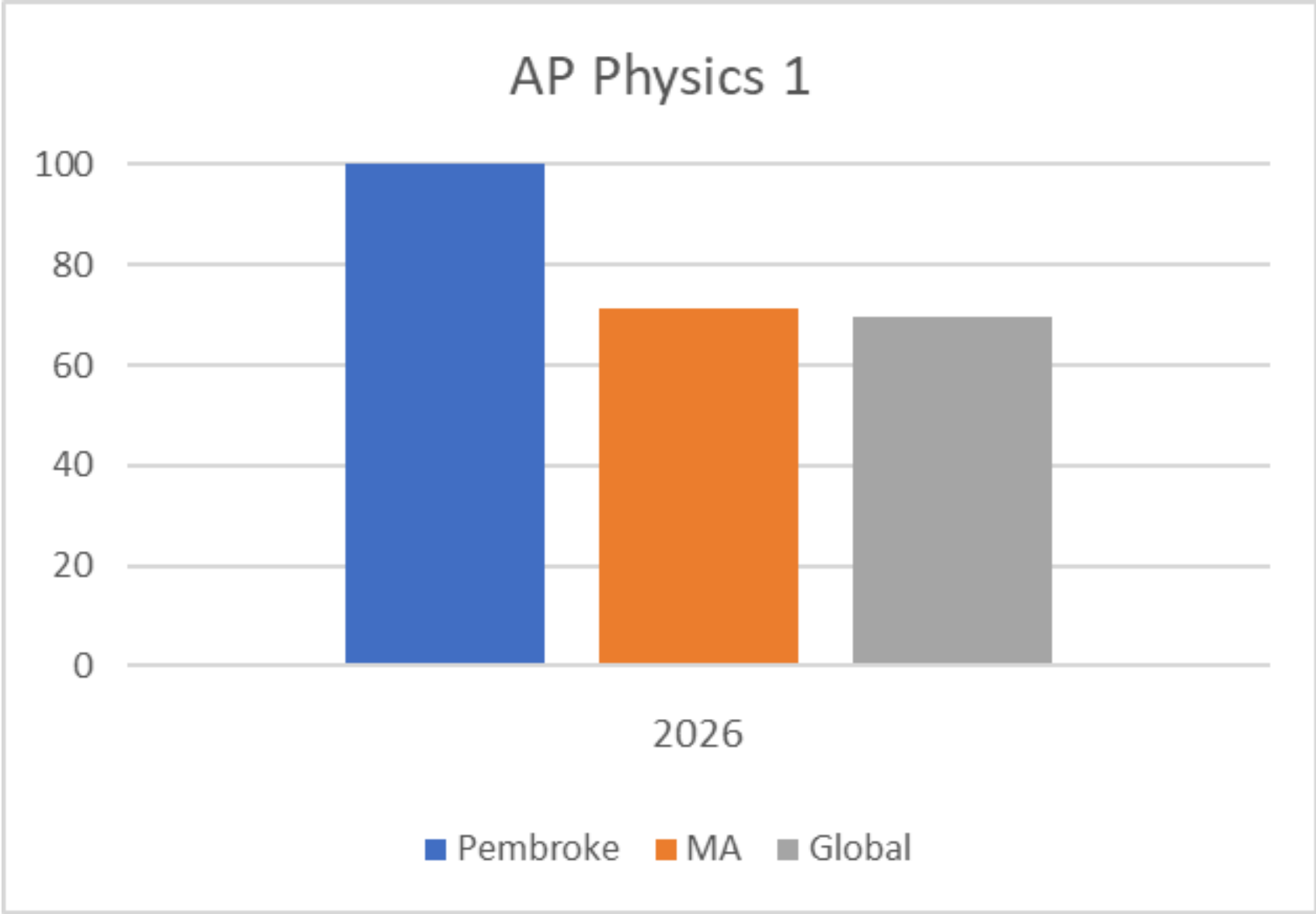
AP Chemistry Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	24	2
Not Identified AP Potential	4	4

Total number of students sitting for AP Chemistry was 34

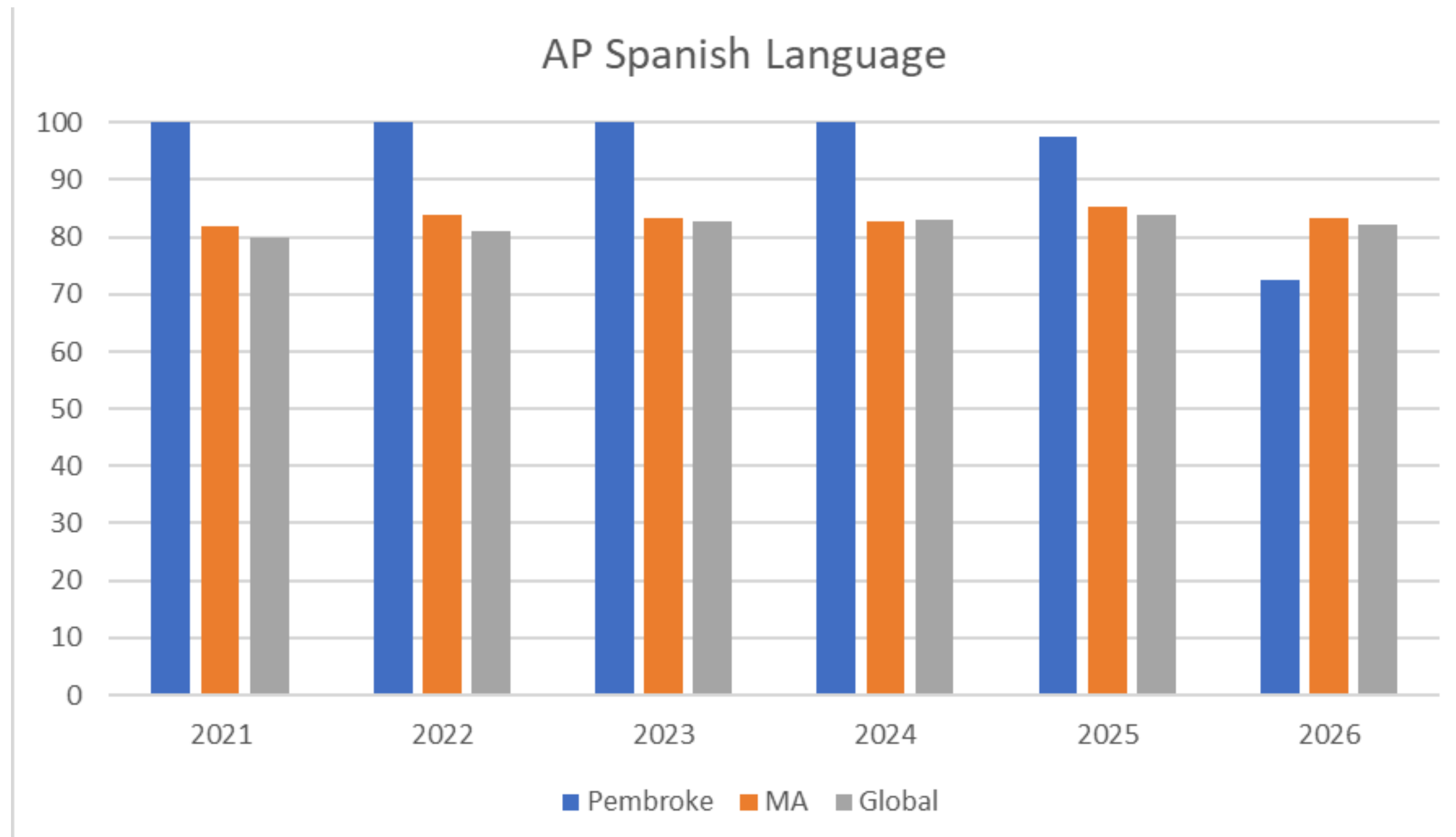
AP Physics 1 Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	12	0
Not Identified AP Potential	3	0

Total Number of students sitting for AP Physics was 15

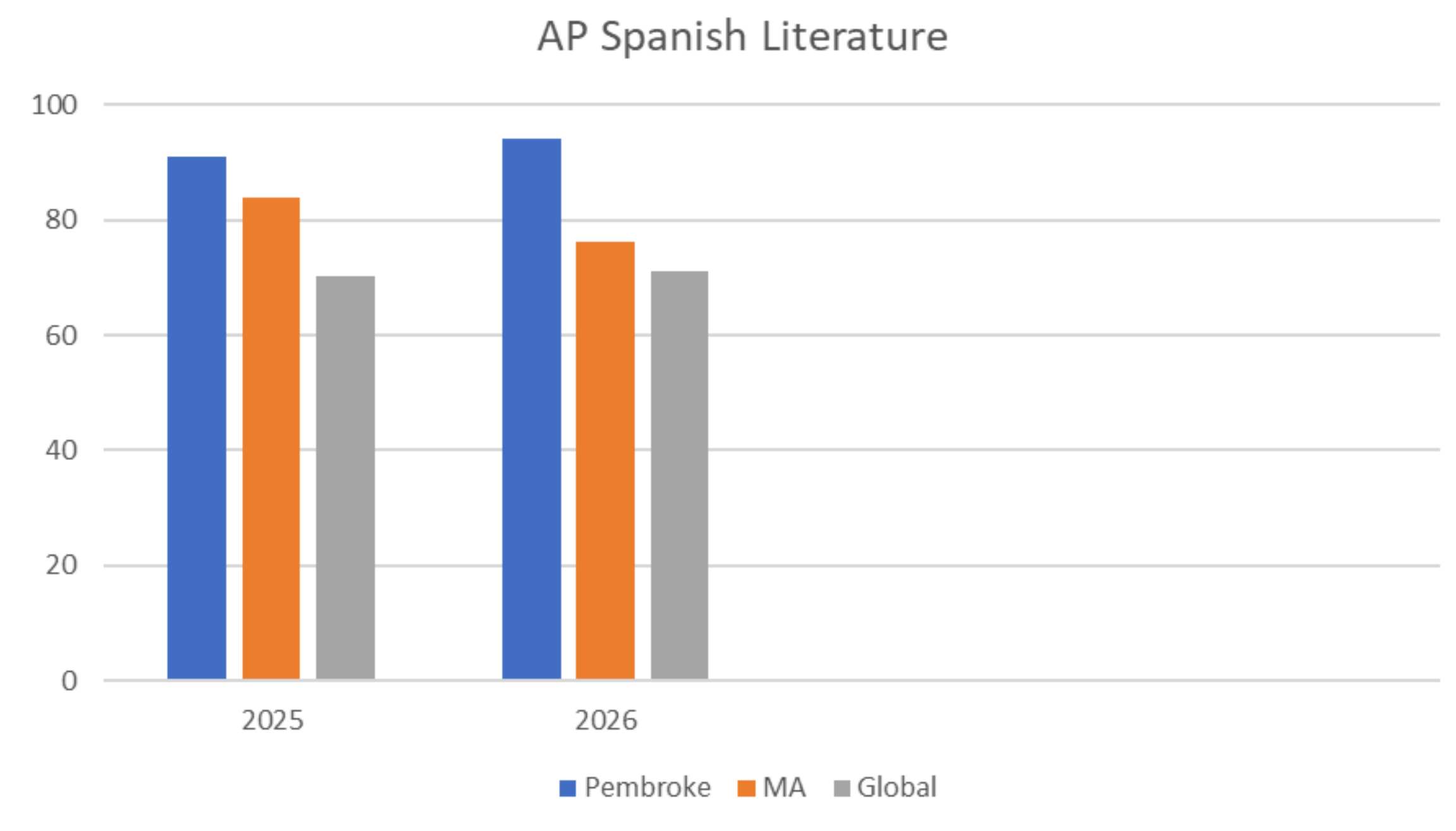
AP Spanish Language & Culture Qualifying Scores



AP Potential data is not available for AP Spanish

Total Number of students sitting for AP Spanish was 41

AP Spanish Literature & Culture Qualifying Scores



AP Potential data is not available for AP Spanish

Total Number of students sitting for AP Spanish was 17

Next Steps

2026-2027

Exploring potential new classes:

- AP Business with Personal Finance
- AP Research



SAT 2021 -2026 Cohorts						
	# of Tests	Class #	% Takers	Mean ERW	Mean Math	Mean/Combo
2026	96	160	60%	582	554	1136
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

2026 SAT Scores-Distribution

Total and Section Scores

Total Score			ERW			Math		
1400–1600	4	4%	700–800	4	4%	7	7%	
1200–1390	27	28%	600–690	44	46%	23	24%	
1000–1190	45	47%	500–590	35	36%	41	43%	
800–990	20	21%	400–490	13	14%	24	25%	
600–790	0		300–390	0		1		
400–590	0		200–290	0		0		
Mean	1136		Mean	582		554		
SD	147		SD	75		82		

The ACT[®]



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	
2026	10	

2020-2026 ACT Scores

1-36 Scale Score

Year	Composite		English	Math	Reading	Science	STEM	Writing	ELA
	Valid Number	Mean Score	Mean Score	Mean Score	Mean Score	Mean Score	Mean Score	Mean Score	Mean Score
2025-2026	10	24.3	23.9	25.2	23.5	25.7	25.7	11.0	33.0
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

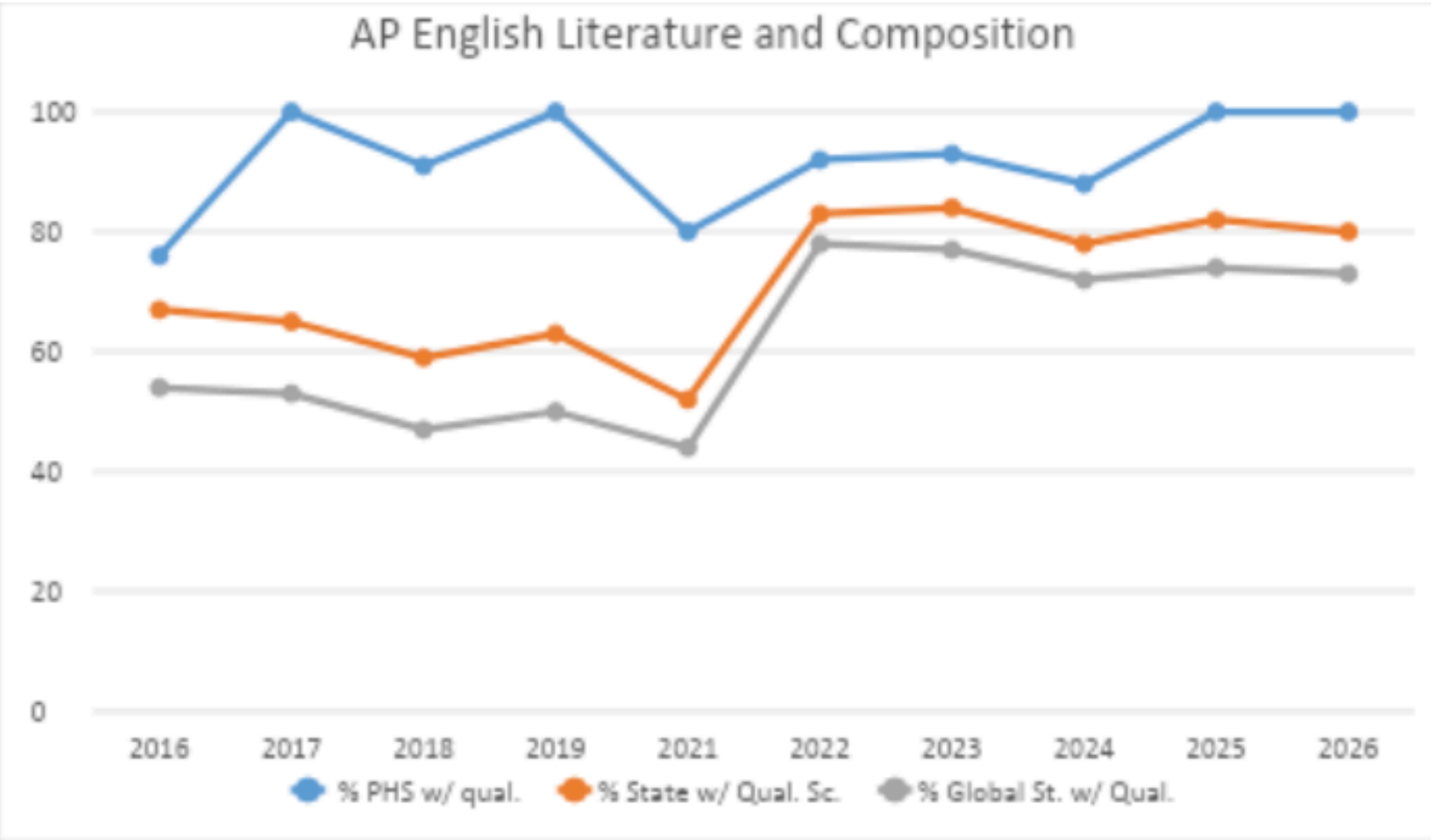
Appendix

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%

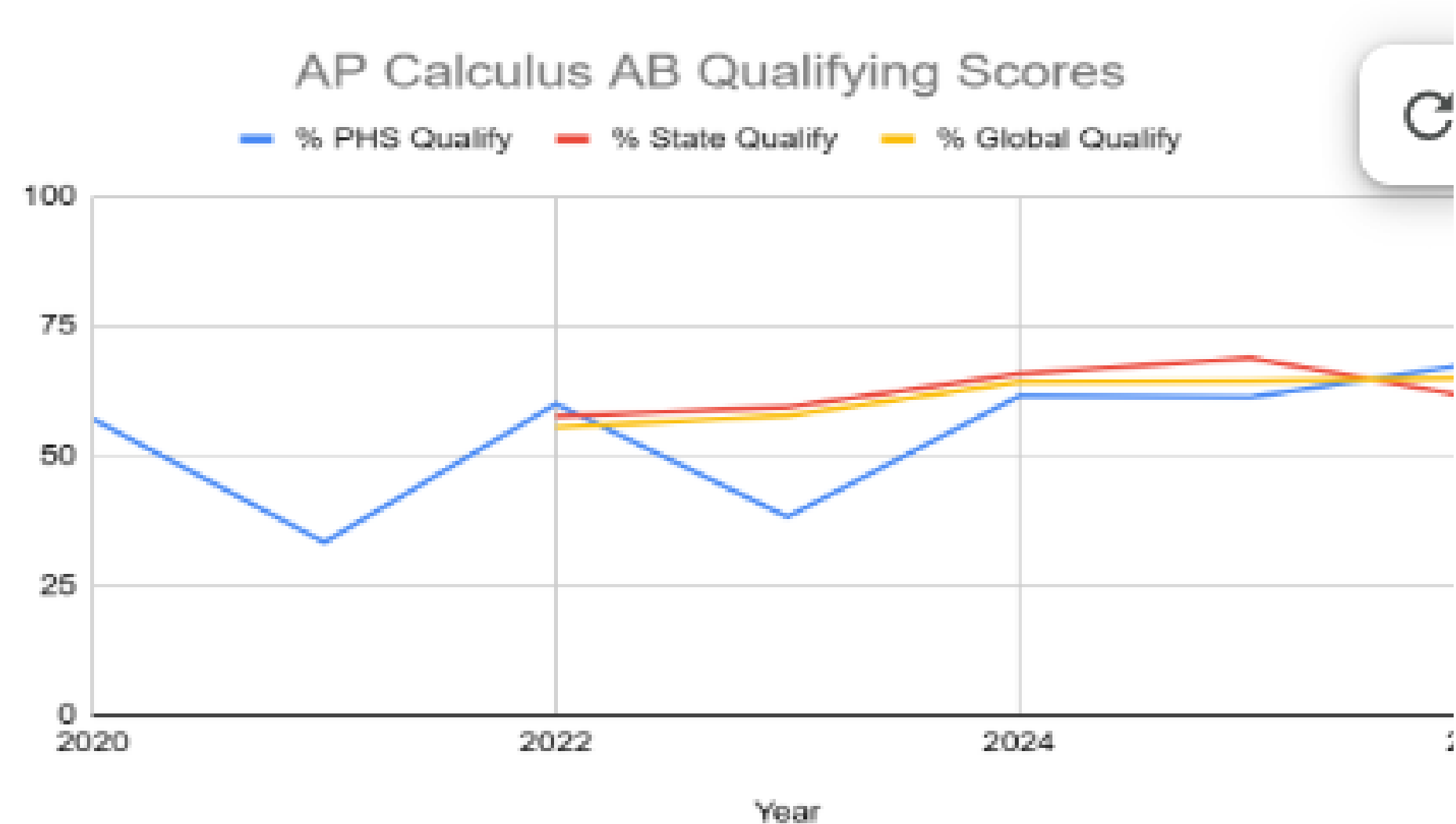
AP English Literature & Composition Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	12	0
Not Identified AP Potential	0	0

Total number of students sitting for AP Lit & Comp was 12

AP Calculus AB Qualifying Scores

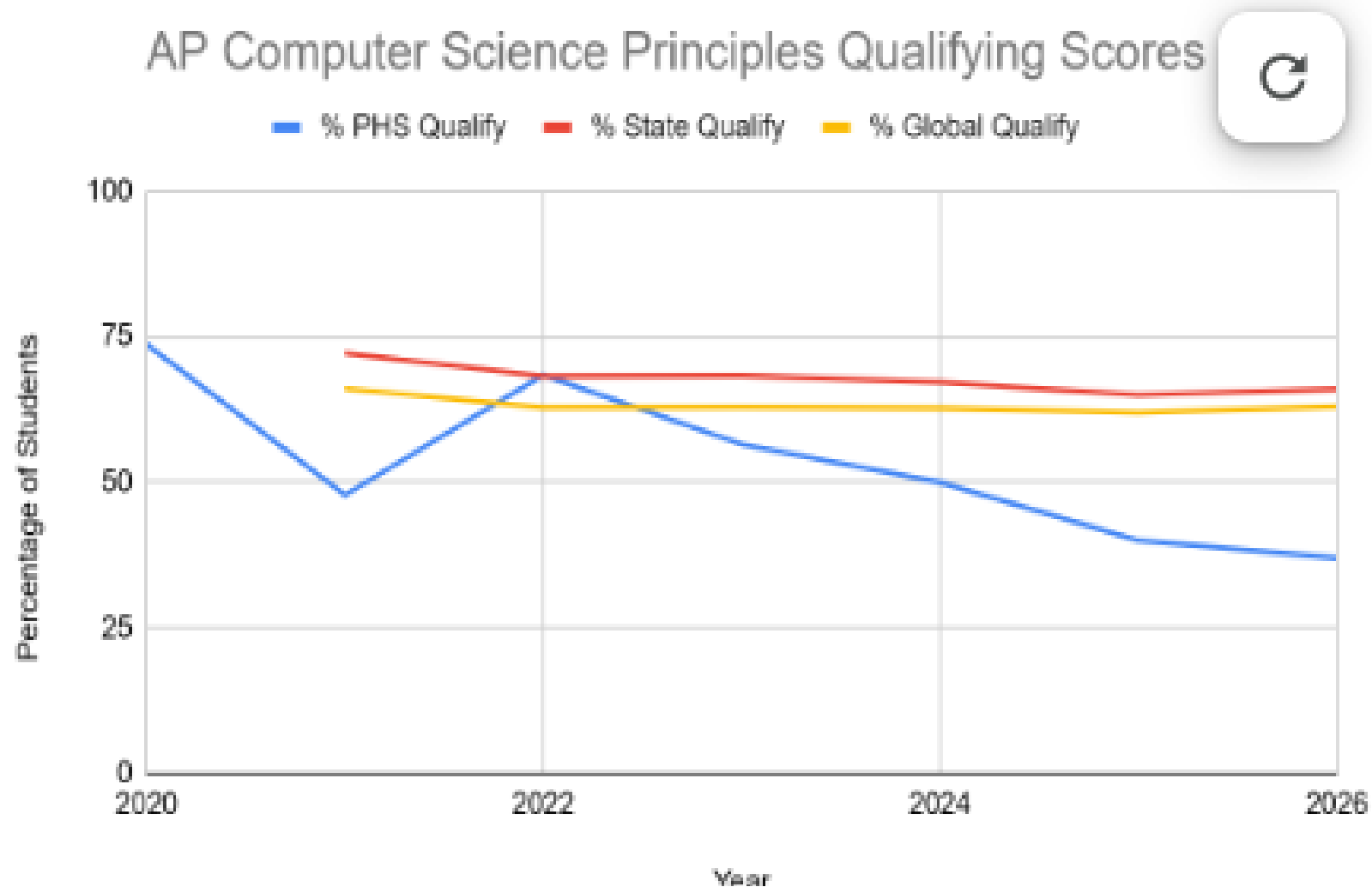


The graph above displays the percentage of students who earned a qualifying score on the AP Calculus AB exam by academic year. Please note that this data also includes students who sat for the AP Calculus BC exam who also receive an AB Subscore.
The May 2020 BC exam did not include an AB Subscore

2026	Qualified	Did not Qualify
Identified AP Potential	9	0
Not Identified AP Potential	8	8

Total number of students sitting for AP Calc AB was 25

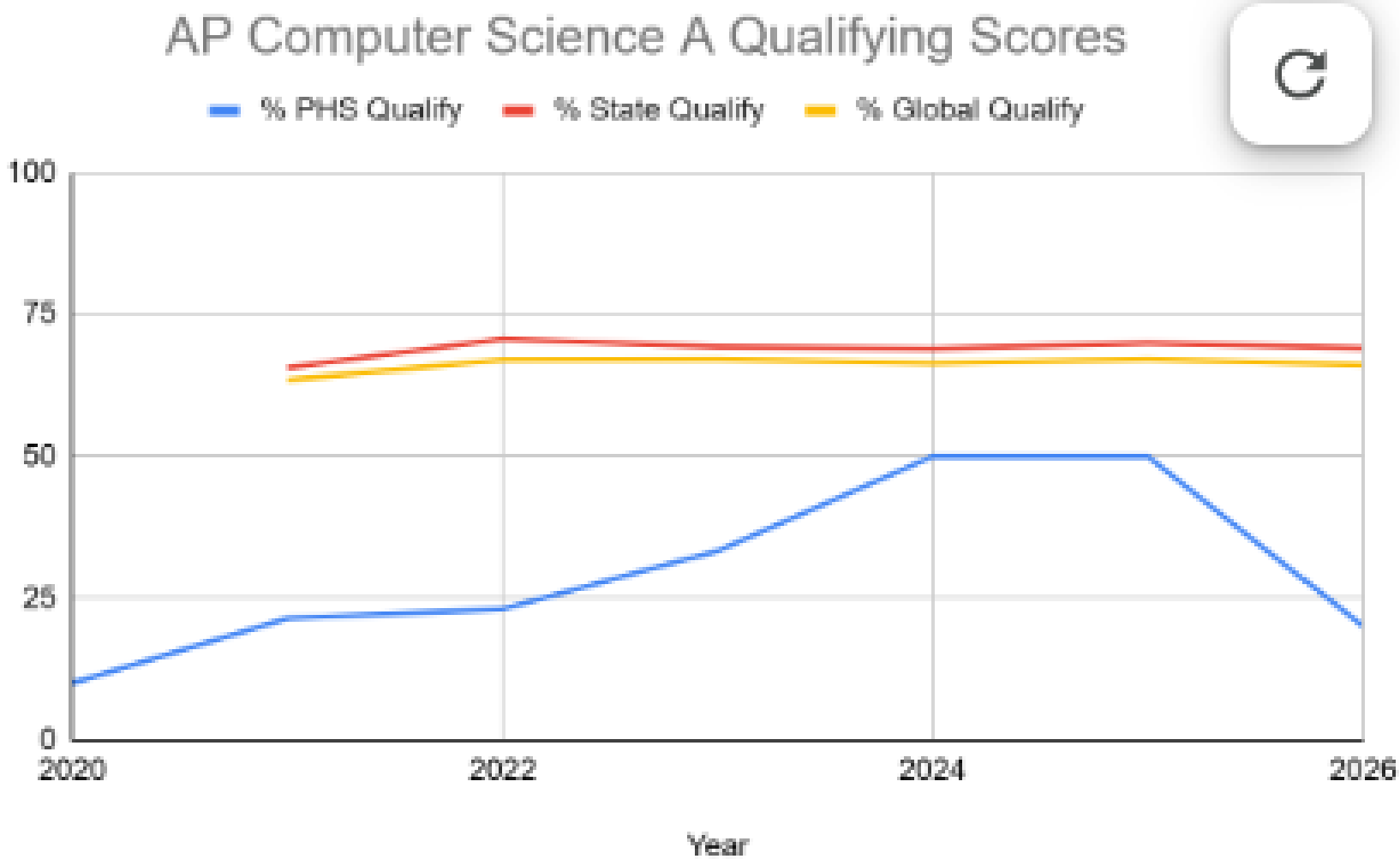
AP Computer Science Principles Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	7	4
Not Identified AP Potential	3	13

Total number of students sitting for AP Comp Sci Principles was 27

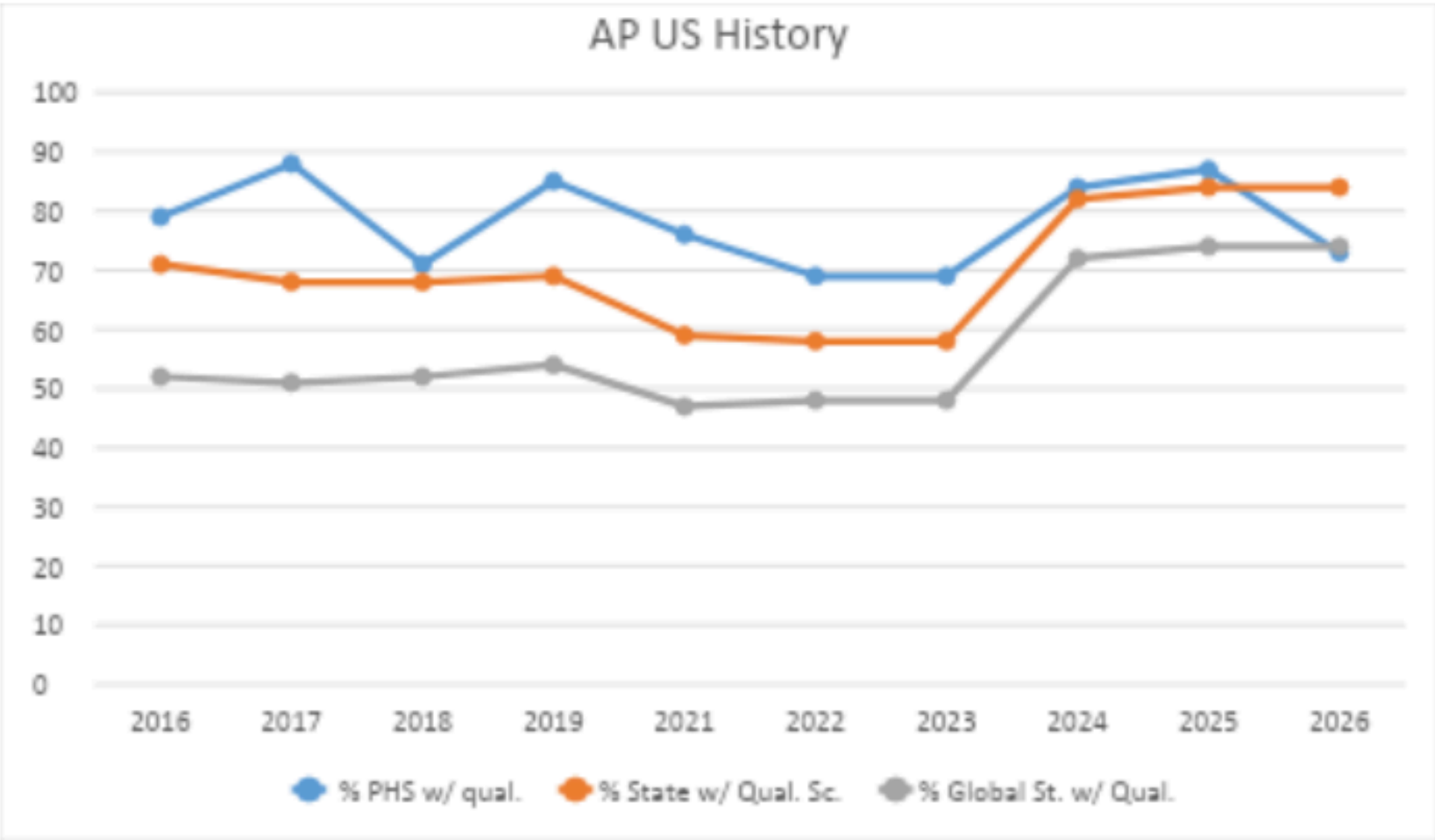
AP Computer Science A Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	3	6
Not Identified AP Potential	0	6

Total number of students sitting for AP Comp Sci A was 15

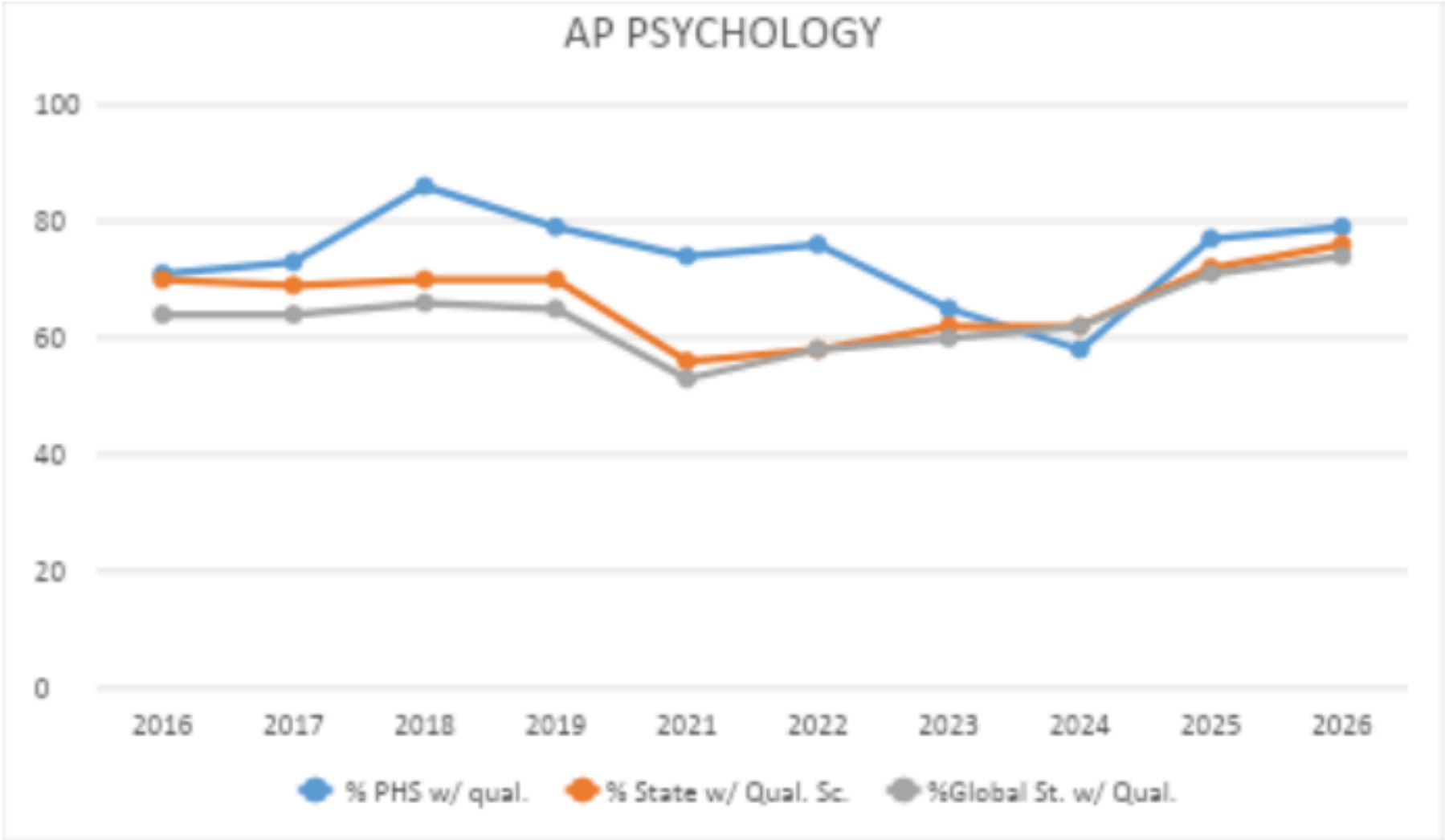
AP United States History Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	33	8
Not Identified AP Potential	5	6

Total Number of students sitting for AP US History was 52

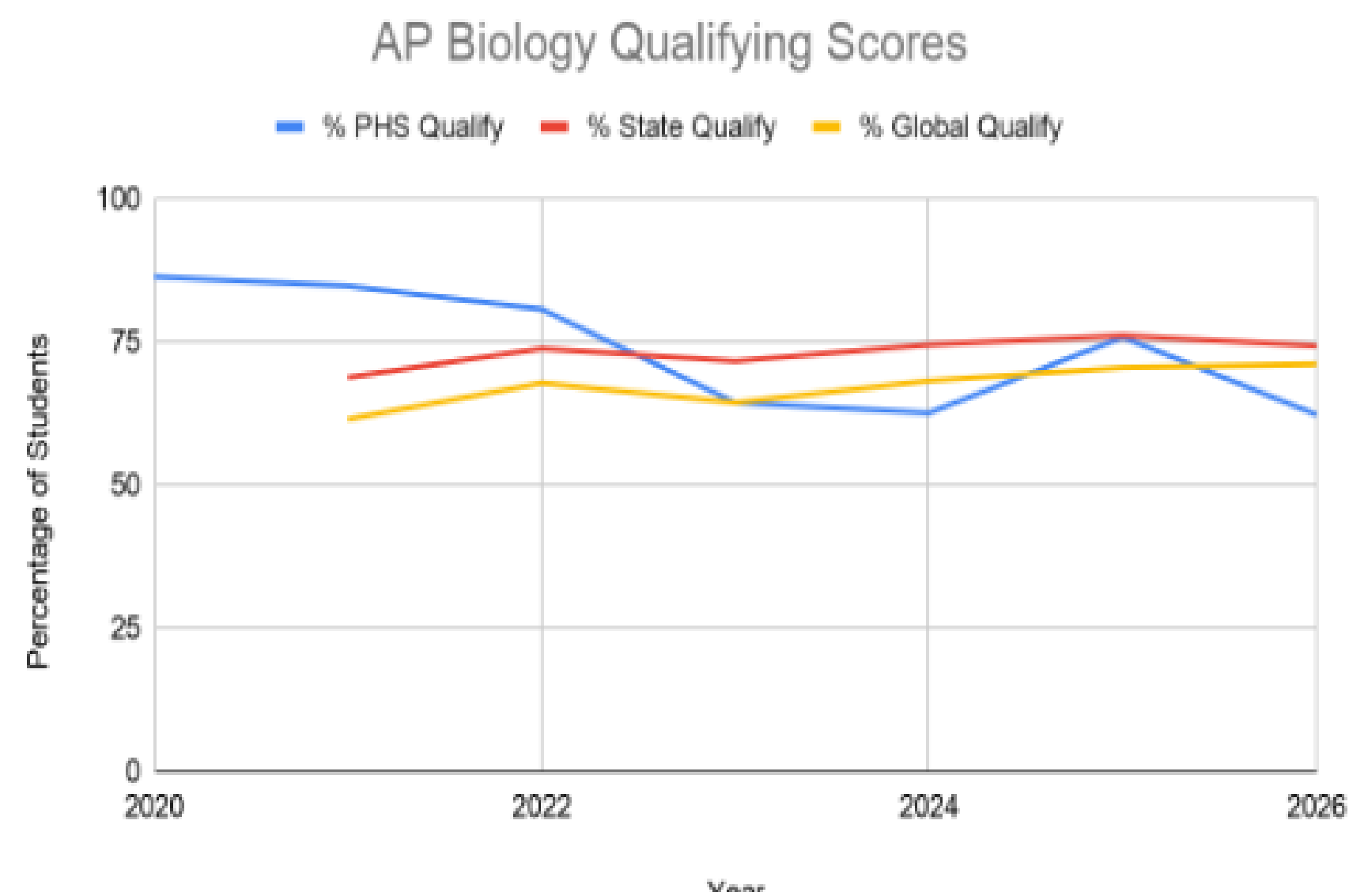
AP Psychology Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	47	2
Not Identified AP Potential	7	11

Total Number of students sitting for AP US Psychology was 67

AP Biology Qualifying Scores



2026	Qualified	Did not Qualify
Identified AP Potential	21	3
Not Identified AP Potential	2	11

Total number of students sitting for AP Bio was 37