

# Palisades School District Data Presentation



**DATA FOR SCHOOL YEAR 2017-2018**

**FINAL**



**Educational Programs and Services Meeting  
October 10, 2018**

# Mathematics Performance



**PENNSYLVANIA SYSTEM OF SCHOOL ASSESSMENT (PSSA)**

**KEYSTONE ALGEBRA I**

**ADVANCED PLACEMENT (AP)**

**SAT**

**ACT**

# Mathematics Performance Grades 3-8



## Pennsylvania System of School Assessment (PSSA)

	<b>2018 PA</b>	<b>2018 Bucks County</b>	<b>2018 PSD</b>	<b>2017 PSD</b>
3	54%	66%	81%	85%
4	44%	55%	77%	66%
5	45%	58%	63%	64%
6	40%	47%	44%	59%
7	39%	52%	62%	45%
8	31%	38%	33%	37%

# Mathematics Performance by Building – K-5



## Pennsylvania System of School Assessment (PSSA)

### Grade 3

	TN	SPR	DN	PA
2018	90%	83%	72%	54%
2017	86%	87%	84%	55%

### Grade 4

	TN	SPR	DN	PA
2018	85%	76%	70%	44%
2017	74%	50%	78%	47%

### Grade 5

	TN	SPR	DN	PA
2018	82%	49%	61%	45%
2017	70%	51%	70%	44%

### Overall

	TN	SPR	DN
2018	86%	69%	68%
2017	77%	61%	79%

# Mathematics Growth in Grades 4-8



## Pennsylvania Value Added Assessment System (PVAAS)

	4	5	6	7	8	Growth Across Grades
<b>Estimated District Growth Measure</b>						
<b>2016 Growth Measure</b>	-0.9 G	-3.5 R	-1.6 Y	3.3 DB	-2.2 R	-1.0 R
<b>2017 Growth Measure</b>	-2.1 Y	-1.9 Y	-5.1 R	0.1 G	-1.8 R	-2.2 R
<b>2018 Growth Measure</b>	0.4 G	-2.4 R	-6.2 R	1.4 LB	-1.5 R	-1.5 R

<b>DB</b>	Significant evidence that the district exceeded the standard for PA Academic Growth
<b>LB</b>	Moderate evidence that the district exceeded the standard for PA Academic Growth
<b>G</b>	Evidence that the district met the standard for PA Academic Growth
<b>Y</b>	Moderate evidence that the district did not meet the standard for PA Academic Growth
<b>R</b>	Significant evidence that the district did not meet the standard for PA Academic Growth

# Elementary Math Growth by Building



## PVAAS 3-Year Averages

	4	5
<b>Estimated District Growth Measure</b>		
<b>Durham-Nox ES</b>	<b>-4.4</b>	<b>--6.3</b>
<b>Springfield ES</b>	<b>4.5</b>	<b>0.0</b>
<b>Tinicum ES</b>	<b>2.7</b>	<b>-0.5</b>

<b>DB</b>	Significant evidence that the district exceeded the standard for PA Academic Growth
<b>LB</b>	Moderate evidence that the district exceeded the standard for PA Academic Growth
<b>G</b>	Evidence that the district met the standard for PA Academic Growth
<b>Y</b>	Moderate evidence that the district did not meet the standard for PA Academic Growth
<b>R</b>	Significant evidence that the district did not meet the standard for PA Academic Growth

# Algebra 1 Keystone Performance & Growth



## PHS PERFORMANCE (SPP Indicator)

	PHS	PALMS	State Avg.
<b>2018</b>	35%	98%	41%
<b>2017</b>	78%	100%	66%

## GROWTH\*

		Avg. Scale Score	Avg %ile	Avg Predicted Scale Score	Predicted Avg %ile	Growth Measure
PHS	3-YR AVG	1498.2	51	1500.4	53	<b>-2.3 Y</b>
PALMS		1559.3	86	1554.6	84	<b>5.1 LB</b>

\*Growth is based on student group's actual achievement vs. their predicted achievement - PSSA to Keystone. This includes ONLY students taking Algebra 1.

DB = Significant evidence that the district exceeded the standard for PA Academic growth

# NWEA MAP Mathematics Achievement



<b>MATH School Norms – End of Year</b>			
<b>Grade</b>	<b>NATIONAL MEAN</b>	<b>2018 PSD MEAN</b>	<b>2018 %ile</b>
K	159	164.1	65
1	181	191.1	78
2	192	199.6	73
3	203	208.7	67
4	214	223.6	76
5	221	222.4	52
6	225	231.7	66
7	229	240.6	76
8	231	244.2	76



# Mathematics Performance, cont'd



## Advanced Placement Tests (AP)

AP Calculus AB			AP Statistics		
2016	2017	2018	2016	2017	2018
93% (13 of 14)	83% (18 of 27)	68% (19 of 24)	92% (12 of 13)	82% (11 of 11)	79% (24 of 36)
<b>2018 Global Results</b>		57%	<b>2018 Global Results</b>		60%

*These percentages represent % scoring 3 or higher  
( x of y ) represents number of test takers of those  
enrolled*

# Mathematics Performance, cont'd



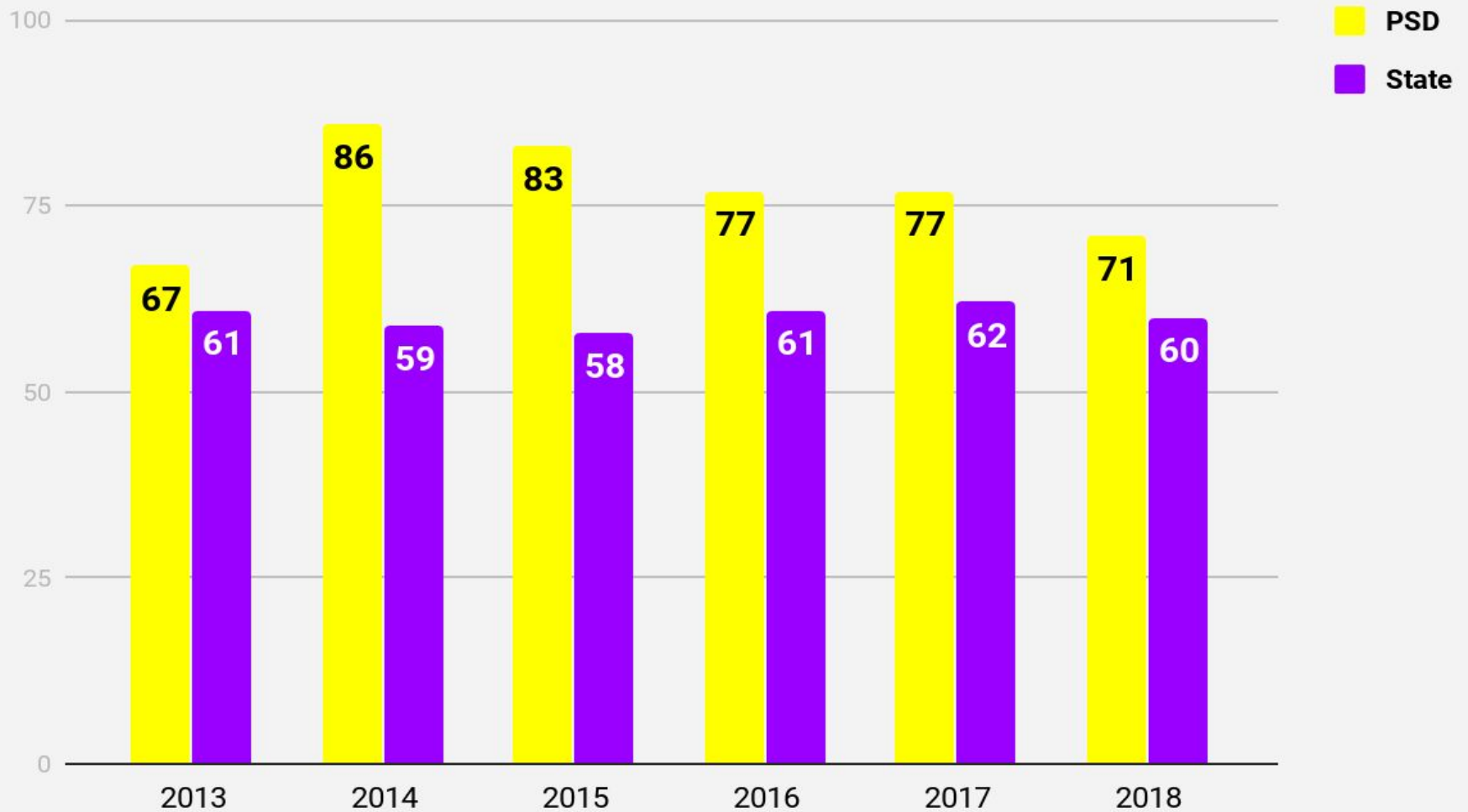
## Scholastic Aptitude Test (SAT)

	<b>Palisades Avg. (# Tested)</b>	<b>State Avg.</b>	<b>All</b>
<b>2016</b>	543 (96)	506	508
<b>2017</b>	590 (86)	533	533
<b>2018</b>	574 (102)	539	531

## ACT

	<b>Palisades Avg. (# Tested)</b>	<b>State Avg.</b>
<b>2016</b>	25 (26)	23
<b>2017</b>	26 (35)	24
<b>2018</b>	24 (34)	23.2

# ACT College Readiness – College Algebra



24 Testers

28 Testers

36 Testers

26 Testers

35 Testers

34 Testers

# Reading/Language Arts Performance



**PENNSYLVANIA SYSTEM OF SCHOOL ASSESSMENT (PSSA)**

**KEYSTONE LITERATURE**

**ADVANCED PLACEMENT (AP)**

**SAT**

**ACT**

# English Language Arts Performance Grades 3-8



## **Pennsylvania System of School Assessment (PSSA)** *Percent Proficient or Advanced*

	<b>2018 PA</b>	<b>2018 Bucks</b>	<b>2018 PSD</b>	<b>2017 PSD</b>
3	63%	74%	81%	89%
4	60%	71%	87%	82%
5	59%	74%	74%	82%
6	62%	75%	82%	78%
7	62%	75%	80%	80%
8	61%	72%	77%	74%

# Reading/ELA Growth in Grades 4-8



## Pennsylvania Value Added Assessment System (PVAAS)

	4	5	6	7	8	Growth Across Grades
<b>Estimated District Growth Measure</b>						
<b>2016 Growth Measure</b>	<b>-2.3 Y</b>	<b>-4.1 R</b>	<b>-5.6 R</b>	<b>2.5 DB</b>	<b>-5.7 R</b>	<b>-3.0 R</b>
<b>2017 Growth Measure</b>	<b><u>-0.0 G</u></b>	<b><u>-2.1 R</u></b>	<b><u>-3.8 R</u></b>	<b><u>4.2 DB</u></b>	<b><u>-3.4 R</u></b>	<b>-1.0 R</b>
<b>2018 Growth Measure</b>	<b>-4.3 R</b>	<b>-5.7 R</b>	<b>-0.2 G</b>	<b>2.2 DB</b>	<b>-2.5 R</b>	<b>-2.1 R</b>

<b>DB</b>	Significant evidence that the district exceeded the standard for PA Academic Growth
<b>LB</b>	Moderate evidence that the district exceeded the standard for PA Academic Growth
<b>G</b>	Evidence that the district met the standard for PA Academic Growth
<b>Y</b>	Moderate evidence that the district did not meet the standard for PA Academic Growth
<b>R</b>	Significant evidence that the district did not meet the standard for PA Academic Growth

# ELA Performance by Building – K-5



## Pennsylvania System of School Assessment (PSSA)

### Grade 3

	TN	SPR	DN	PA
2018	87%	89%	72%	63%
2017	89%	97%	86%	65%

### Grade 4

	TN	SPR	DN	PA
2018	91%	88%	81%	60%
2017	89%	65%	100%	61%

### Grade 5

	TN	SPR	DN	PA
2018	78%	72%	73%	59%
2017	85%	73%	87%	60%

### Overall

	TN	SPR	DN
2018	85%	83%	75%
2017	87%	77%	91%

# Elementary Reading Growth by Building



## PVAAS 3-Year Averages

	4	5
<b>Estimated District Growth Measure</b>		
<b>Durham-Nox ES</b>	<b>-2.0</b>	<b>-5.5</b>
<b>Springfield ES</b>	<b>-5.2</b>	<b>1.1</b>
<b>Tinicum ES</b>	<b>0.5</b>	<b>-6.4</b>

<b>DB</b>	Significant evidence that the district exceeded the standard for PA Academic Growth
<b>LB</b>	Moderate evidence that the district exceeded the standard for PA Academic Growth
<b>G</b>	Evidence that the district met the standard for PA Academic Growth
<b>Y</b>	Moderate evidence that the district did not meet the standard for PA Academic Growth
<b>R</b>	Significant evidence that the district did not meet the standard for PA Academic Growth



# NWEA MAP Reading Achievement



<b>RDG School Norms – End of Year</b>			
<b>Grade</b>	<b>NATIONAL MEAN</b>	<b>PSD MEAN</b>	<b>%ile</b>
K	158	162.4	63
1	178	184.8	70
2	189	191.7	59
3	199	202.9	62
4	206	214.1	70
5	212	216.1	60
6	216	222.1	66
7	218	228.1	74
8	220	229.3	71

# Literature Keystone Performance & Growth



## PERFORMANCE (SPP Indicator)

	<b>PHS</b>	<b>State Avg.</b>
<b>2018</b>	90%	76%
<b>2017</b>	84%	73%

## GROWTH\*

	<b>Avg. Scale Score</b>	<b>Avg %ile</b>	<b>Avg Predicted Scale Score</b>	<b>Predicted Avg %ile</b>	<b>Growth Measure</b>
<b>3 YR AVG</b>	1533.0	67	1531.1	65	<b>2.1 LB</b>

\*Growth is based on student group's actual achievement vs. their predicted achievement - PSSA to Keystone.

LB = Moderate evidence that the district exceeded the standard for PA Academic growth

# Reading/English Performance



## Scholastic Aptitude Test (SAT)

	Palisades Avg. (# Tested)	State Avg.	All Avg.
2016	506 (96)	500	494
2017	591 (86)	540	538
2018	568 (102)	547	536

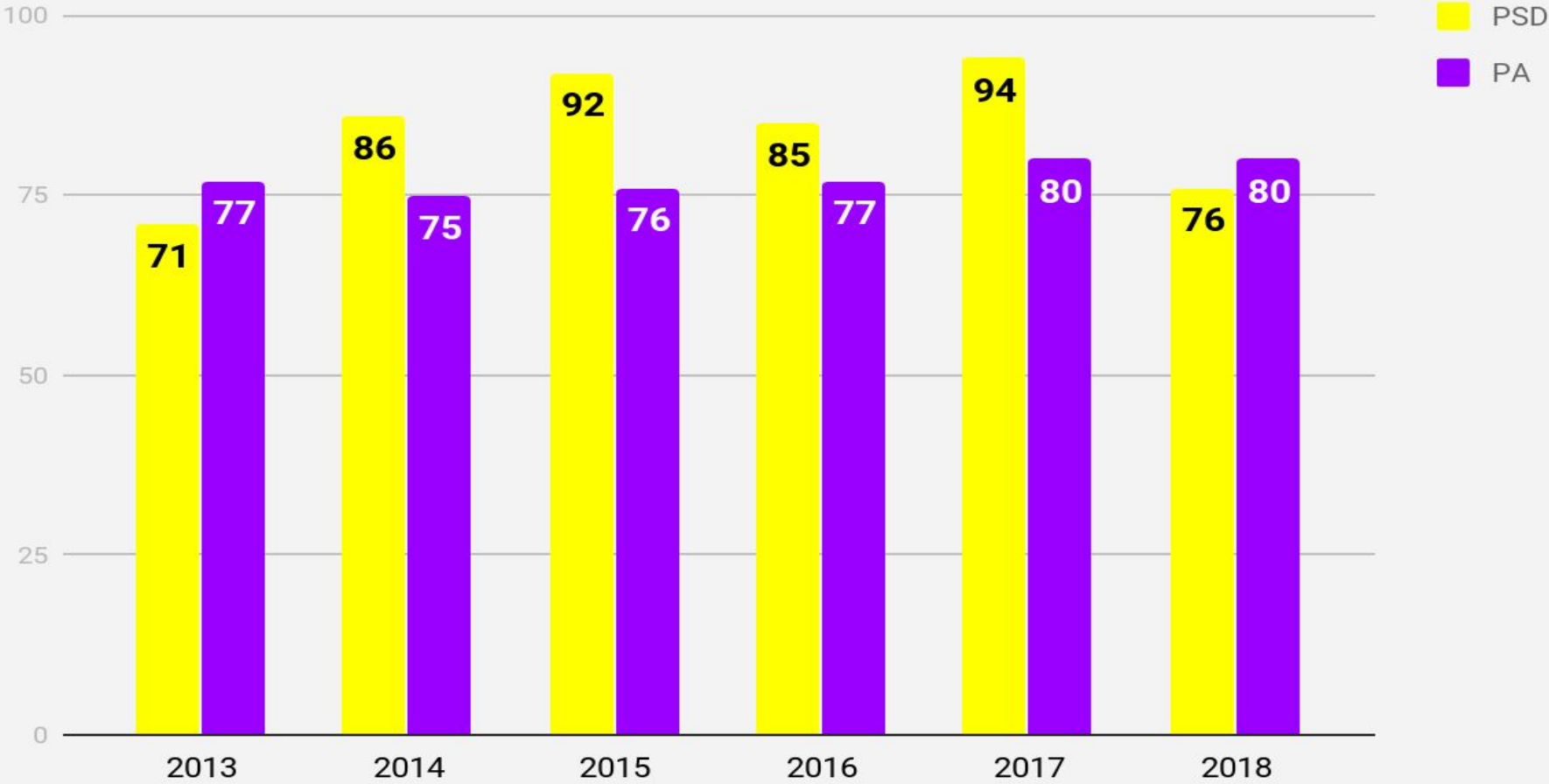
## ACT English

	Palisades Avg. (# Tested)	State Avg.
2016	24 (26)	23
2017	25 (35)	23
2018	23.8 (34)	23.3

## ACT Reading

	Palisades Avg. (# Tested)	State Avg.
2016	26 (26)	24
2017	27 (35)	24
2018	25.6 (34)	24

# ACT College Readiness – English Composition



**24 Testers   28 Testers   36 Testers   26 Testers   35 Testers   34 Testers**

# Reading/English Performance



## Advanced Placement Tests (AP)

AP English Language & Comp		
2016	2017	2018
89% (17 of 19)	92% (12 of 12)	81% (21 of 22)
2018 Global Results		57%

AP English Literature & Comp		
2016	2017	2018
73% (8 of 11)	80% (15 of 16)	67% (15 of 16)
2018 Global Results		47%

*These percentages represent % scoring 3 or higher  
( x of y ) represents number of test takers of those  
enrolled*

# Science Performance



**PENNSYLVANIA SYSTEM OF SCHOOL ASSESSMENT  
(PSSA)**

**KEYSTONE BIOLOGY  
ADVANCED PLACEMENT (AP)**

# Science Performance Grades 4 & 8



## Pennsylvania System of School Assessment (PSSA)

<b>Grade &amp; Bldg</b>	<b>PA</b>	<b>Bucks</b>	<b>2018</b>	<b>2017</b>
4 Durham Nox	78%	85%	95%	97%
4 Springfield			97%	85%
4 Tinicum			94%	96%
4 Avg – All Elem Schools			<b>96%</b>	93%
8 PALMS	57%	64%	<b>72%</b>	69%

# Science Growth by Building



## PVAAS 3-Year Averages

	<b>4</b>
<b>Growth Measure</b>	
<b>Durham-Nox ES</b>	<b>6.4</b>
<b>Springfield ES</b>	<b>-5.3</b>
<b>Tinicum ES</b>	<b>61.4</b>
<b>Palisades MS</b>	<b>-13.1</b>

<b>DB</b>	Significant evidence that the district exceeded the standard for PA Academic Growth
<b>LB</b>	Moderate evidence that the district exceeded the standard for PA Academic Growth
<b>G</b>	Evidence that the district met the standard for PA Academic Growth
<b>Y</b>	Moderate evidence that the district did not meet the standard for PA Academic Growth
<b>R</b>	Significant evidence that the district did not meet the standard for PA Academic Growth



# Biology Keystone Performance & Growth



## PERFORMANCE (SPP Indicator)

	PHS	State Avg.
<b>2018</b>	92%	68%
<b>2017</b>	80%	63%

## GROWTH\*

	Avg. Scale Score	Avg %ile	Avg Predicted Scale Score	Predicted Avg %ile	Growth Measure
<b>3-YR AVG</b>	1542.7	73	1521.0	61	<b>20.8</b>

\*Growth is based on student group's actual achievement vs. their predicted achievement - PSSA to Keystone.

DB = Significant evidence that the district exceeded the standard for PA Academic growth

# Science Performance, cont'd

## ACT

	Palisades Avg. (# Tested)	State Avg.
<b>2016</b>	23 (26)	23
<b>2017</b>	26 (35)	23
<b>2018</b>	23.4 (34)	23.1

## AP Biology

2016	2017	2018
50% (12 of 24)	59% (17 of 32)	57% (46 of 57)
<b>2018 Global Results</b>		61%

## Advanced Placement Tests (AP)

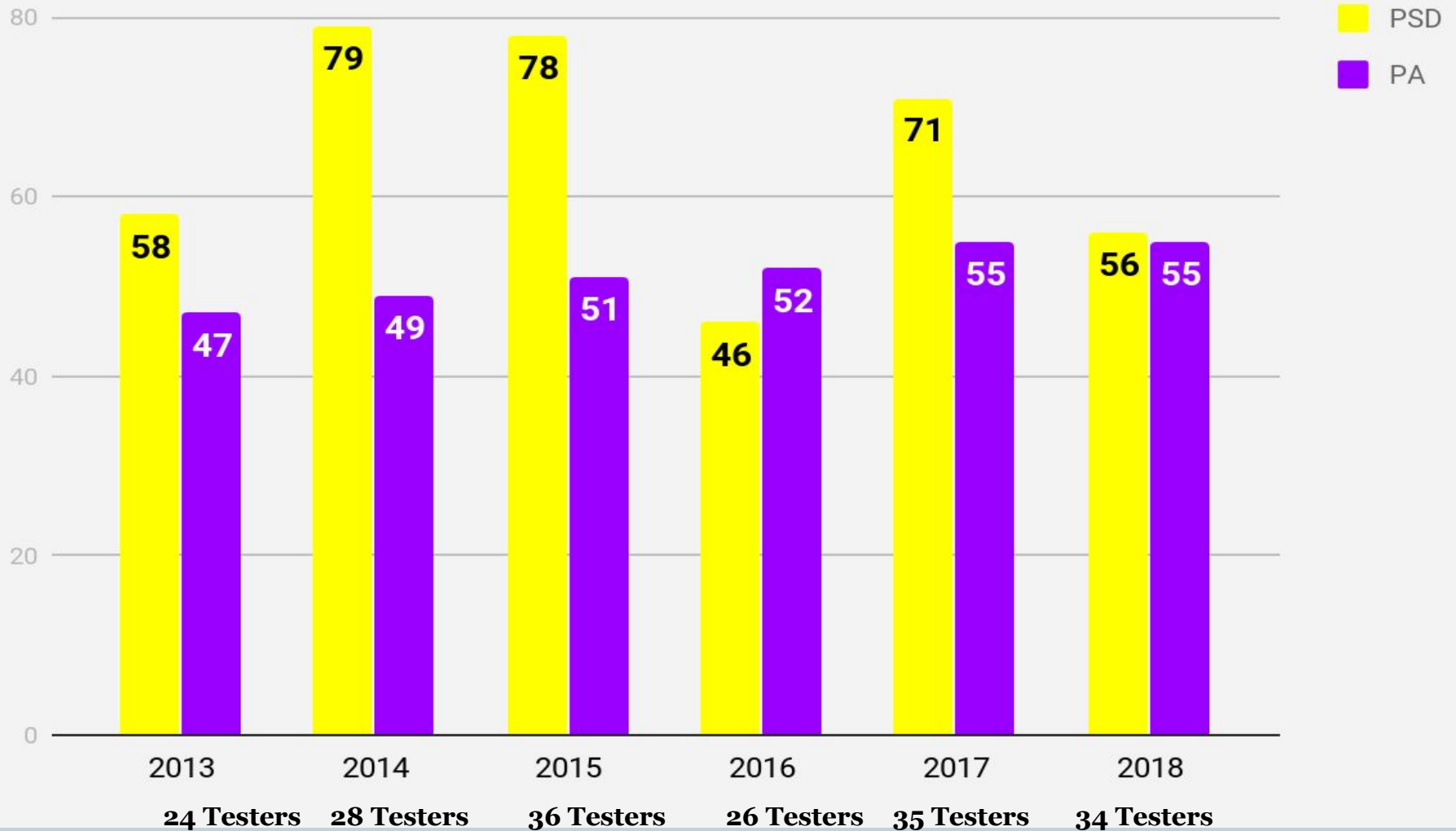
### AP Chemistry

2016	2017	2018
100% (3 of 3)	0% (3 of 3)	75% (4 of 7)
<b>2018 Global Results</b>		55%

### AP Physics 1

2016	2017	2018
100% (3 of 3)	100% (7 of 12)	67% (3 of 13)
<b>2018 Global Results</b>		39%

# ACT College Readiness – College Biology



# History, World Language & Art Performance



**ADVANCED PLACEMENT (AP)  
ACT**

# Social Studies Performance



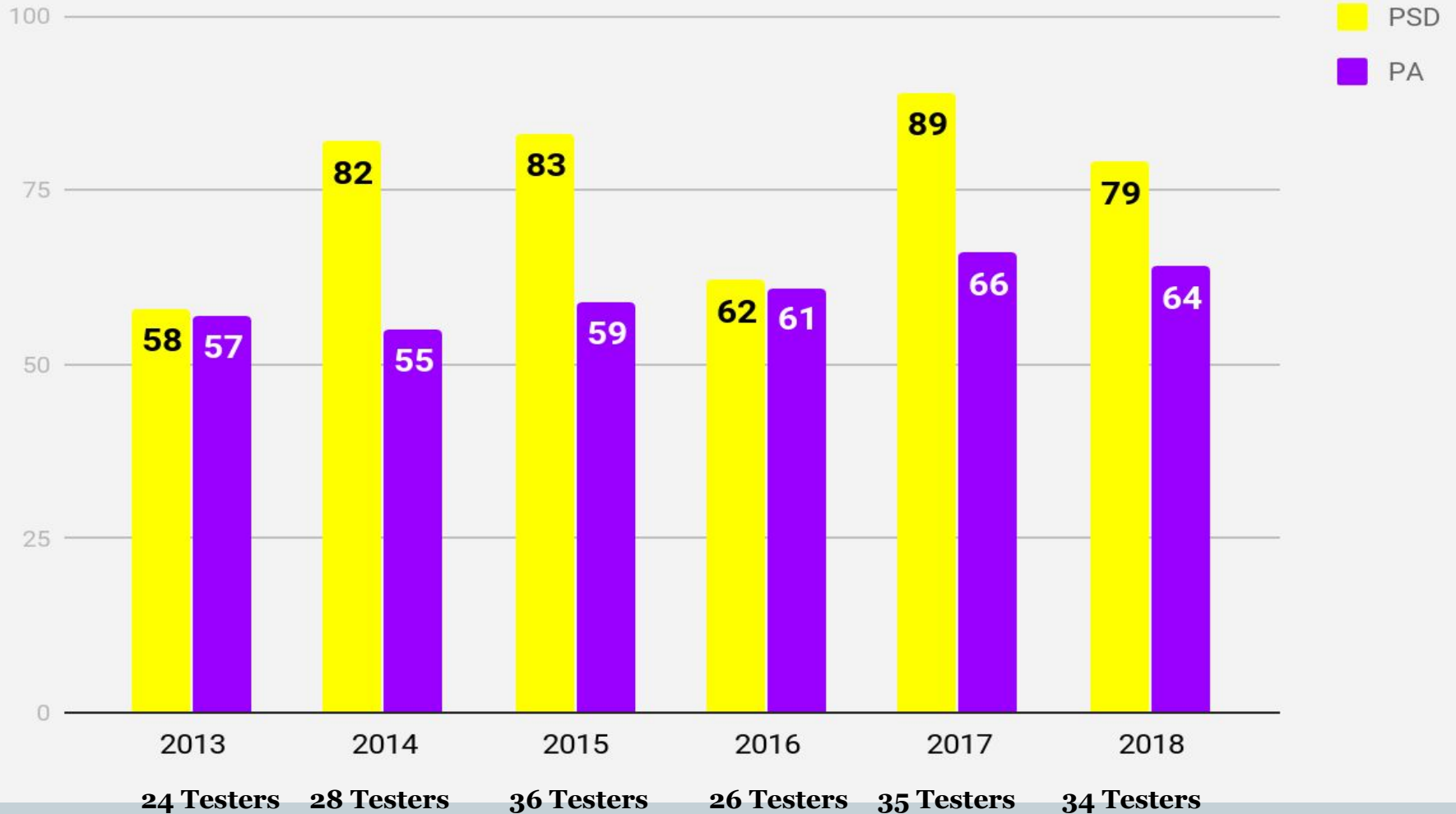
## Advanced Placement Tests (AP)

<b>AP European History</b>		
<b>2016</b>	<b>2017</b>	<b>2018</b>
88% (14 of 16)	88% (17 of 22)	100% (14 of 22)
<b>2018 Global Results</b>		58%

<b>AP United States History</b>		
<b>2016</b>	<b>2017</b>	<b>2018</b>
85% (23 of 27)	56% (9 of 10)	69% (16 of 17)
<b>2018 Global Results</b>		52%

*These percentages represent % scoring 3 or higher  
( x of y ) represents number of test takers of those  
enrolled*

# ACT College Readiness – College Social Science



# World Languages Performance

## Advanced Placement Tests (AP)

AP German		
2016	2017	2018
50% (1 of 2)	93% (15 of 18)	100% (9 of 9)
<b>2018 Global Results</b>		69%

*These percentages represent % scoring 3 or higher  
( x of y ) represents number of test takers of those enrolled*

AP French		
2016	2017	2018
63% (5 of 8)	83% (12 of 13)	80% (15 of 17)
<b>2018 Global Results</b>		75%

AP Spanish		
2016	2017	2018
80% (4 of 5)	100% (4 of 4)	88% (8 of 9)
<b>2018 Global Results</b>		88%

# Art Performance



## Advanced Placement Tests (AP)

AP Studio Art		
2016	2017	2018
100% (4 of 4)	100% (2 of 2)	100% (4 of 5)
2018 Global Results		84%

*These percentages represent % scoring 3 or higher  
( x of y ) represents number of test takers of those  
enrolled*



# Overall AP Information



**ENROLLMENT VS. TEST PARTICIPATION**  
**OVERALL SCORES**  
**AP SCHOLARS**

# AP Enrollment vs. Test Participation

Course	# enrolled	# testing	% enrolled and tested	% testers scoring 3 or higher
AP Spanish	9	8	95.5%	81%
AP US History	17	16	94.1%	69%
AP Engl Lang & Comp	22	21	95.5%	81%
AP Calculus AB	24	19	79.1%	68%
AP German	9	9	100%	100%
AP European History	22	14	63.6%	100%
AP Biology	57	46	80.7%	57%
AP Chemistry	7	4	57.1%	75%
AP Studio Art	5	4	80%	100%
AP French	17	15	88.2%	80%
AP Statistics	36	24	66.7%	79%
AP Physics 1	13	3	23.1%	67%
AP Engl Lit & Comp	16	15	94%	67%
Comp Science Princp	21	18	85.7%	61%

	High enrollment (>20)
	High performance (>90%)
	Both

# AP Scores Overall



	5	4	3	2	1	Total
Number of Exams	24	54	81	50	8	217
Percentage Total	11%	25%	37%	23%	4%	100%

73% of AP students scored a 3 or higher

## Palisades High School AP Scholars

18 AP Scholars ( 3 or higher on 3 or more exams)

7 AP Scholars w/Honors (at least a 3.25 on all exams and 3 or higher on 4 or more exams)

8 AP Scholars w/Distinction (avg. of at least 3.5 on all exams, and scores of 3 or higher on 5 or more exams)

National AP Scholar (avg. score of at least 4 on all exams, and scores of 4 or higher on eight or more exams)

# School Performance Profile\*



Each building is given a score of up to 100 points, with an additional 7 points added for advanced performance on state, industry and/or AP exams.

Comprises 15% of each building-level professional staff member's evaluation.

\*Was supposed to be replaced by the PA Future Ready Index, but is not actually going away.

# School Performance Profile (SPP)



**\*SPP data released on 10/27/2017**

<b>School</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Palisades HS	80.9	90.9	81.8	83.6
Palisades MS	N/A	61.8	66.5	68.7
Durham Nockamixon ES	N/A	71.8	87.8	67.8
Springfield ES	N/A	62.1	71.0	78.0
Tinicum ES	N/A	83.1	78.7	81.5

**Notes:**

Scores were not released in 2015 for middle & elementary because of the new PSSA test; they were released in 2016 but significantly lower across the state.

[PA FUTURE READY INDEX.](#)

# PA FUTURE READY INDEX



Official means by which the PA Department of Education assesses and reports school quality and achievement.

[Click here](#) for a presentation that was made at EPS in May of 2018 that details plans for the “forward facing report card”.

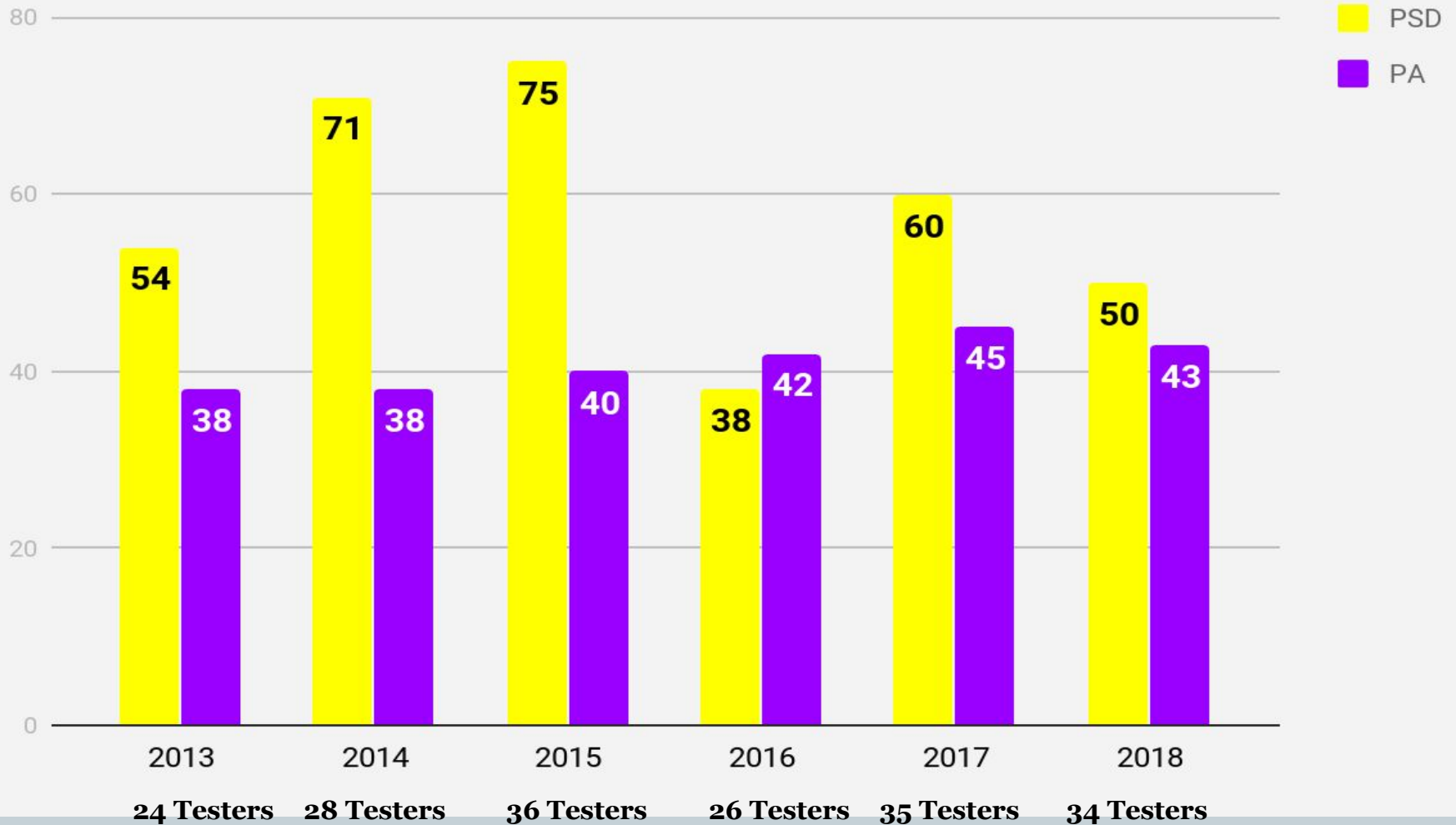
**As of 10/10/18, PDE has not published data, as the dashboard has been delayed.**

# College Readiness Indicators



**NATIONAL CLEARINGHOUSE  
ACT COLLEGE READY INDICATORS  
NWEA/MAP COLLEGE READY INDICATORS**

# ACT College Readiness – All Four Benchmarks





# National Clearinghouse Data



- **Description:**
  - The **National Student Clearinghouse** is the nation's trusted source for education verification and student educational outcomes research.
  - More than 3,300 colleges and universities, enrolling over 96% of all students in public and private U.S. institutions, participate in the Clearinghouse.
- Provides information about our students' college enrollment and persistence

# National Clearinghouse Data



## Percent of PHS Seniors Who Enrolled in College During the First Two Years After Graduation (Class of 2011 - Class of 2017)

Graduation Year	Percent Enrolled
2011	77
2012	81
2013	70
2014	75
2015	75
2016	75
2017	66

# National Clearinghouse Data



Rank	Name	Type	Level
1	Bucks County Community College	Public	2-year
2	Penn State University	Public	4-year
3	DeSales University	Private	4-year
4	Northampton Community College	Public	2-year
5	University of Pittsburgh	Public	4-year
6	Lehigh Carbon Community College	Public	2-year
7	Rensselaer Polytechnic Institute	Private	4-year
8	Ithaca College	Private	4-year
9	Elizabethtown College	Private	4-year
10	Temple University	Public	4-year
11	Delaware Valley University	Private	4-year
12	Kutztown University	Public	4-year

12 Most Common Institutions of Enrollment

# National Clearinghouse Data



## Freshman to Sophomore Persistence

(Percent of PHS Seniors Who Enrolled in College During the First Year After HS Who Returned for a Second Year)

Graduation Year	Percent Enrolled
2010	92
2011	94
2012	92
2013	92
2014	94
2015	92
2016	90

# Next Steps



- School Improvement Planning
  - Building data teams have begun this work and will present analysis and plans for improvement at the January EPS meeting (**January 9, 2019**)