

# Palisades School District Data Presentation



**DATA FOR SCHOOL YEAR 2016-2017**

**Final Update: December 1, 2017**



**Education Programs and Services Meeting  
October 11, 2017**

# 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>2017 PA</b>	<b>2017 Bucks County</b>	<b>2017 Upper Bucks</b>	<b>2017 PSD</b>	<b>2016 PSD</b>
3	55%	67%	75%	85%	79%
4	47%	60%	66%	66%	66%
5	44%	55%	64%	64%	74%
6	40%	48%	57%	59%	49%
7	38%	46%	52%	45%	49%
8	33%	39%	39%	37%	36%

# Mathematics Performance by Building – K-5



## Pennsylvania System of School Assessment (PSSA)

### Grade 3

	<b>TN</b>	<b>SPR</b>	<b>DN</b>	<b>PA</b>
<b>2017</b>	86%	87%	84%	55%
<b>2016</b>	86%	72%	79%	54%

### Grade 4

	<b>TN</b>	<b>SPR</b>	<b>DN</b>	<b>PA</b>
<b>2017</b>	74%	50%	78%	47%
<b>2016</b>	86%	54%	56%	47%

### Grade 5

	<b>TN</b>	<b>SPR</b>	<b>DN</b>	<b>PA</b>
<b>2017</b>	70%	51%	70%	44%
<b>2016</b>	76%	85%	64%	44%

### Overall

	<b>TN</b>	<b>SPR</b>	<b>DN</b>
<b>2017</b>	77%	61%	79%
<b>2016</b>	82%	68%	67%

# 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>2015 Growth Measure</b>	4.0 DB	-6.6 R	-5.3 R	4.7 DB	-2.6 R	-1.2 R
<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>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>1.9</b>	<b>-2.1</b>
<b>Springfield ES</b>	<b>-0.0</b>	<b>-1.3</b>
<b>Tinicum ES</b>	<b>0.1</b>	<b>-7.1</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

# Algebra 1 Keystone Performance & Growth



## PHS PERFORMANCE (SPP Indicator)

	PHS	PALMS	State Avg.
<b>2016</b>	80%	97%	68%
<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	1501.8	54	1491.8	47	<b>9.7 DB</b>
PALMS		1573.7	89	1556.6	84	<b>15.9 DB</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>2017 PSD MEAN</b>	<b>2017 %ile</b>
K	159	166.0	69
1	181	183.6	57
2	192	204.6	83
3	203	210.9	72
4	214	218.1	63
5	221	225.8	62
6	225	234.9	72
7	229	238.2	71
8	231	235.3	59



# Mathematics Performance, cont'd



## Advanced Placement Tests (AP)

AP Calculus AB			AP Statistics		
2015	2016	2017	2015	2016	2017
89% (16 of 18)	93% (13 of 14)	83% (18 of 27)	100% (10 of 10)	92% (12 of 13)	82% (11 of 11)
<b>2017 Global Results</b>		58%	<b>2017 Global Results</b>		54%

*These percentages represent % scoring 3 or higher*

# Mathematics Performance, cont'd



## Scholastic Aptitude Test (SAT)

	<b>Palisades Avg. (# Tested)</b>	<b>State Avg.</b>	<b>All</b>
<b>2015</b>	547 (120)	504	511
<b>2016</b>	543 (96)	506	508
<b>2017</b>	590 (86)	533	533

## ACT

	<b>Palisades Avg. (# Tested)</b>	<b>State Avg.</b>
<b>2015</b>	26 (36)	23
<b>2016</b>	25 (26)	23
<b>2017</b>	26 (35)	24

# ACT College Readiness – College Algebra



**24 Testers**

**28 Testers**

**36 Testers**

**26 Testers**

**35 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>2017 PA</b>	<b>2017 Bucks</b>	<b>2017 Upper Bucks</b>	<b>2017 PSD</b>	<b>2016 PSD</b>
3	65%	75%	79%	89%	79%
4	61%	73%	81%	82%	80%
5	60%	72%	80%	82%	78%
6	64%	75%	78%	78%	78%
7	60%	73%	80%	80%	80%
8	59%	71%	75%	74%	67%

# 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>2015 Growth Measure</b>	2.5 DB	-1.4 Y	-3.0 R	5.3 DB	-2.2 R	0.2 G
<b>2016 Growth Measure</b>	-2.3 Y	-4.1 R	-5.6 R	2.5 DB	-5.7 R	-3.0 R
<b>2017 Growth Measure</b>	<u>-0.0 G</u>	<u>-2.1 R</u>	<u>-3.8 R</u>	<u>4.2 DB</u>	<u>-3.4 R</u>	-1.0 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

# ELA Performance by Building – K-5



## Pennsylvania System of School Assessment (PSSA)

### Grade 3

	<b>TN</b>	<b>SPR</b>	<b>DN</b>	<b>PA</b>
<b>2017</b>	89%	97%	86%	65%
<b>2016</b>	86%	69%	83%	61%

### Grade 4

	<b>TN</b>	<b>SPR</b>	<b>DN</b>	<b>PA</b>
<b>2017</b>	89%	65%	100%	61%
<b>2016</b>	89%	64%	92%	59%

### Grade 5

	<b>TN</b>	<b>SPR</b>	<b>DN</b>	<b>PA</b>
<b>2017</b>	85%	73%	87%	60%
<b>2016</b>	74%	85%	79%	62%

### Overall

	<b>TN</b>	<b>SPR</b>	<b>DN</b>
<b>2017</b>	87%	77%	91%
<b>2016</b>	82%	71%	83%

# Elementary Reading Growth by Building



## PVAAS 3-Year Averages

	4	5
<b>Estimated District Growth Measure</b>		
<b>Durham-Nox ES</b>	<b>-0.0</b>	<b>-0.1</b>
<b>Springfield ES</b>	<b>-2.1</b>	<b>0.4</b>
<b>Tinicum ES</b>	<b>2.1</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	161.9	63
1	178	180.2	52
2	189	197.3	71
3	199	206.8	72
4	206	209.2	59
5	212	219.3	69
6	216	223.1	70
7	218	226.3	70
8	220	225.7	65

# Literature Keystone Performance & Growth



## PERFORMANCE (SPP Indicator)

	<b>PHS</b>	<b>State Avg.</b>
<b>2016</b>	87%	77%
<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>	1531.7	68	1529.8	65	<b>2.2LB</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.
2015	531 (120)	499	495
2016	506 (96)	500	494
2017	591 (86)	540	538

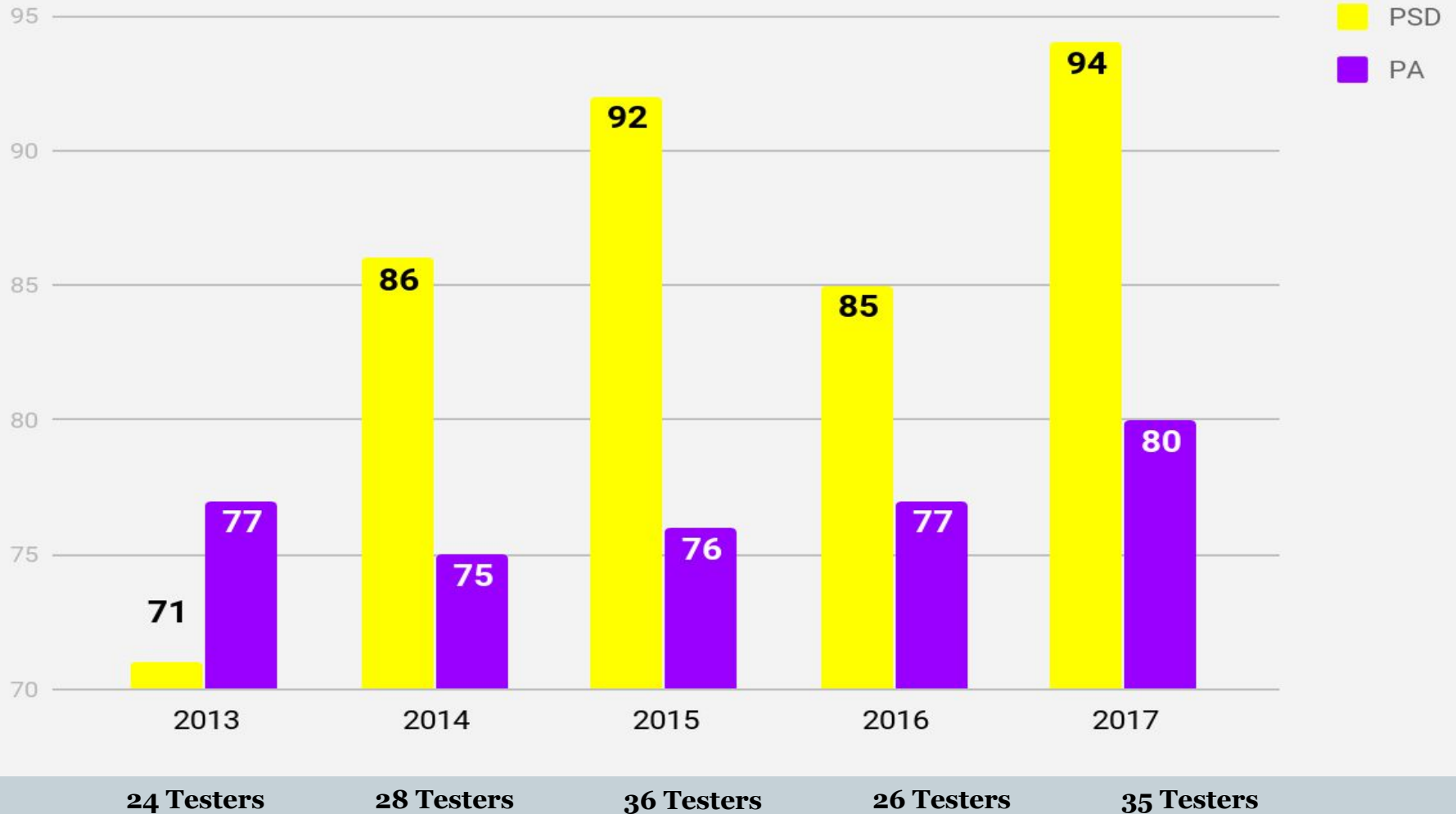
## ACT English

	Palisades Avg. (# Tested)	State Avg.
2015	26 (36)	23
2016	24 (26)	23
2017	25 (35)	23

## ACT Reading

	Palisades Avg. (# Tested)	State Avg.
2015	26 (36)	23
2016	26 (26)	24
2017	27 (35)	24

# ACT College Readiness – English Composition



# Reading/English Performance



## Advanced Placement Tests (AP)

<b>AP English Language &amp; Comp</b>		
<b>2015</b>	<b>2016</b>	<b>2017</b>
81% (13 of 16 )	89% (17 of 19)	92% (12 of 12)
<b>2017 Global Results</b>		55%

<b>AP English Literature &amp; Comp</b>		
<b>2015</b>	<b>2016</b>	<b>2017</b>
82% (14 of 17)	73% (8 of 11)	80% (15 of 16)
<b>2017 Global Results</b>		53%

*These percentages represent % scoring 3 or higher*

# 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>Upper Bucks</b>	<b>2017</b>	<b>2016</b>
4 Durham Nox	75%	84%	91%	97%	88%
4 Springfield				85%	90%
4 Tinicum				96%	94%
4 Avg – All Elem Schools				93%	91%
8 PALMS	53%	64%	72%	69%	68%

# Science Growth by Building



## PVAAS 3-Year Averages

	<b>4</b>
<b>Growth Measure</b>	
<b>Durham-Nox ES</b>	<b>11.8</b>
<b>Springfield ES</b>	<b>-20.3</b>
<b>Tinicum ES</b>	<b>31.8</b>
<b>Palisades MS</b>	<b>-7.6</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>2016</b>	79%	66%
<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>	1535.1	71	1517.5	60	<b>17.2</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>2015</b>	25 (36)	23
<b>2016</b>	23 (26)	23
<b>2017</b>	26 (35)	23

## AP Biology

2015	2016	2017
69% (20 of 29)	50% (12 of 24)	59% (17 of 32)
<b>2017 Global Results</b>		64%

## Advanced Placement Tests (AP)

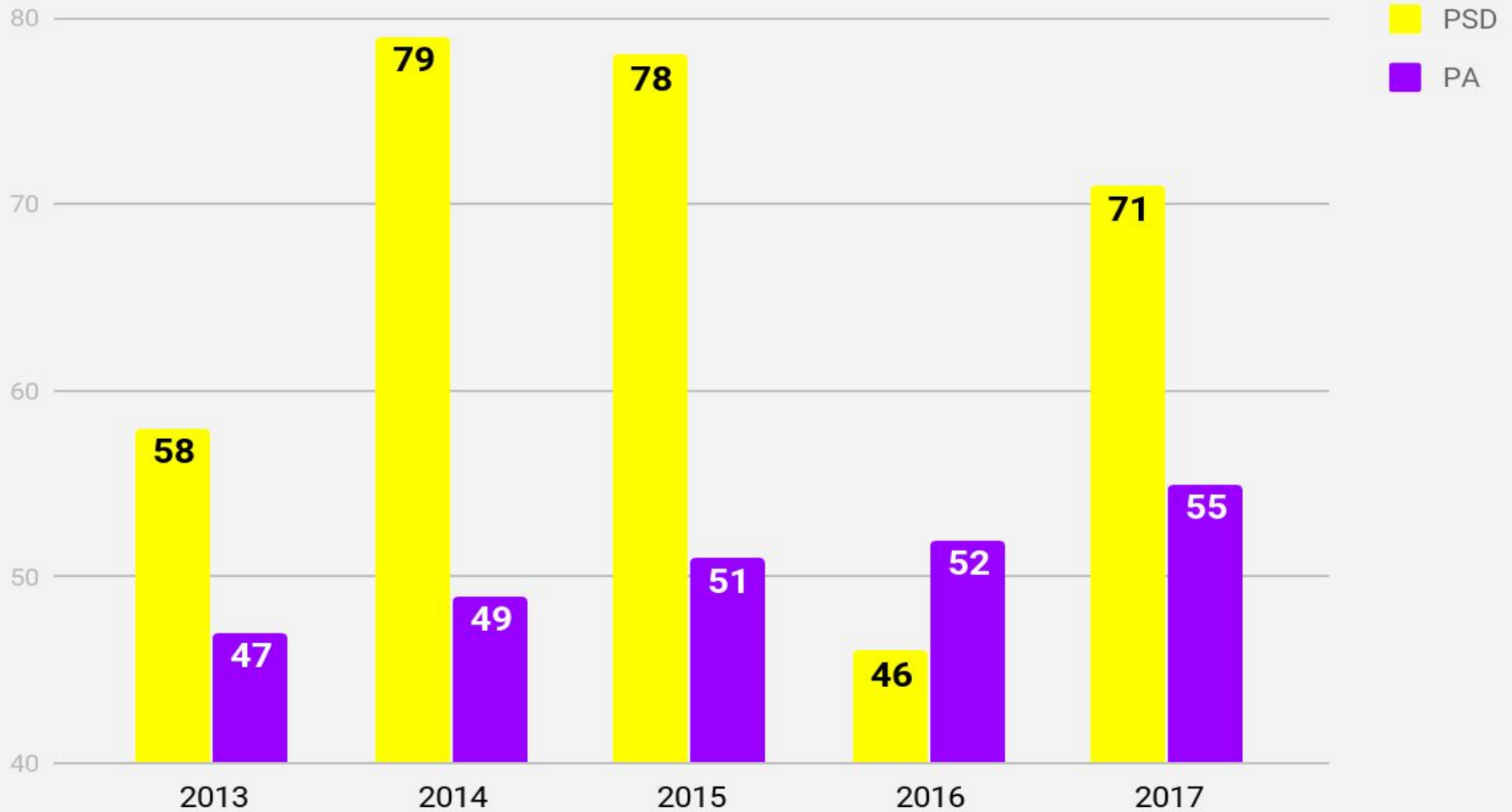
### AP Chemistry

2015	2016	2017
None tested	100% (3 of 3)	0% (3 of 3)
<b>2017 Global Results</b>		52%

### AP Physics 1 (NEW)

2015	2016	2017
100% (4 of 4)	100% (3 of 3)	100% (7 of 12)
<b>2017 Global Results</b>		42%

# ACT College Readiness – College Biology



**24 Testers**

**28 Testers**

**36 Testers**

**26 Testers**

**35 Testers**

# History, World Language & Art Performance



**ADVANCED PLACEMENT (AP)  
ACT**

# Social Studies Performance



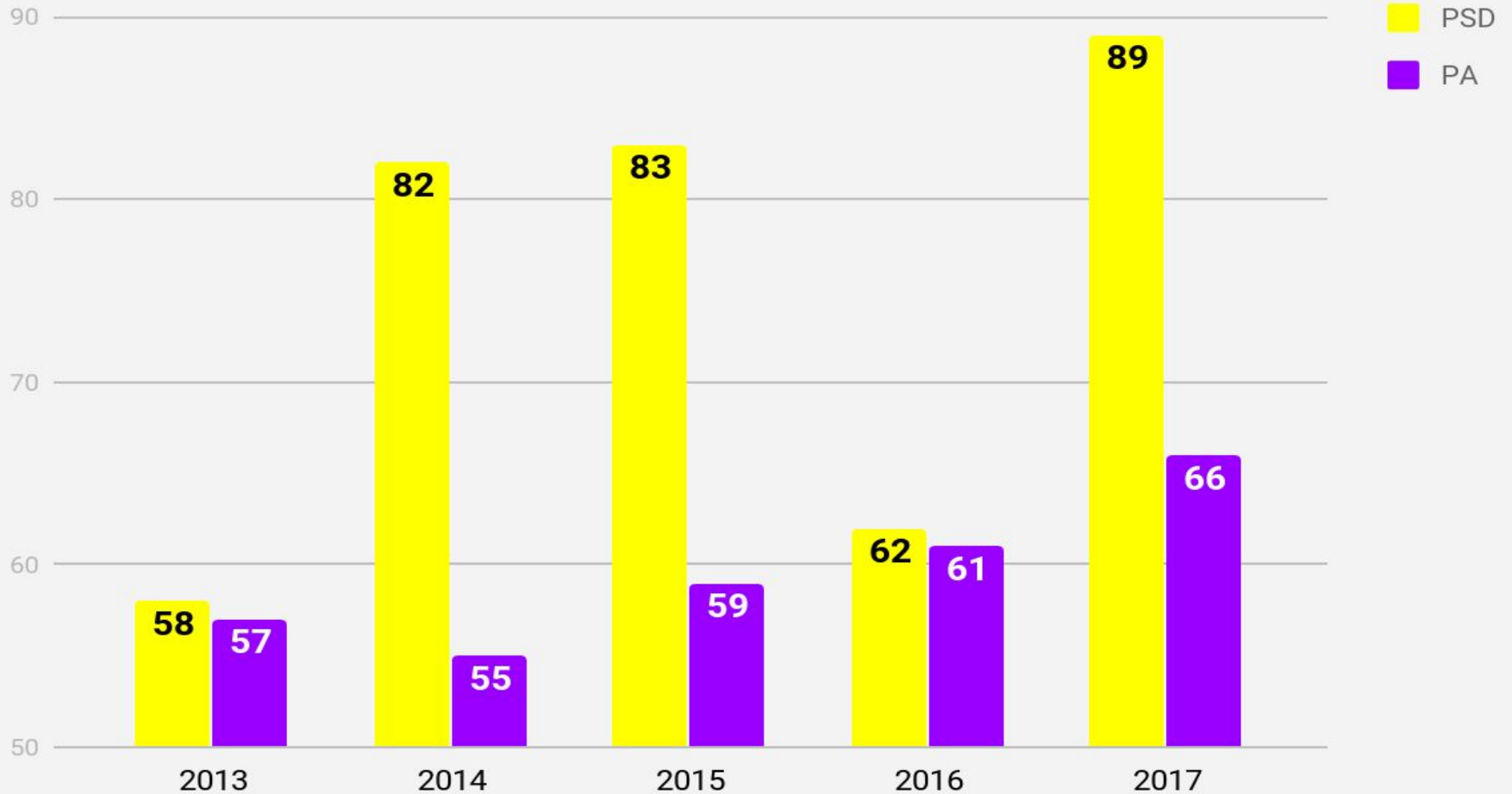
## Advanced Placement Tests (AP)

<b>AP European History</b>		
<b>2015</b>	<b>2016</b>	<b>2017</b>
94% (16 of 17)	88% (14 of 16)	88% (17 of 22)
<b>2017 Global Results</b>		56%

<b>AP United States History</b>		
<b>2015</b>	<b>2016</b>	<b>2017</b>
100% (8 of 8)	85% (23 of 27)	56% (9 of 10)
<b>2017 Global Results</b>		51%

*These percentages represent % scoring 3 or higher*

# ACT College Readiness – College Social Science



**24 Testers**

**28 Testers**

**36 Testers**

**26 Testers**

**35 Testers**

# World Languages Performance

## Advanced Placement Tests (AP)

AP German		
2015	2016	2017
83% (5 of 6)	50% (1 of 2)	93% (15 of 18)
<b>2017 Global Results</b>		75%

*These percentages represent % scoring 3 or higher*

## AP French

2015	2016	2017
83% (5 of 6)	63% (5 of 8)	83% (12 of 13)
<b>2016 Global Results</b>		75%

## AP Spanish

2015	2016	2017
92% (11 of 12)	80% (4 of 5)	100% (4 of 4)
<b>2017 Global Results</b>		88%

# Art Performance



## Advanced Placement Tests (AP)

<b>AP Studio Art</b>		
<b>2015</b>	<b>2016</b>	<b>2017</b>
83% (5 of 6)	100% (4 of 4)	100% (2 of 2)
<b>2017 Global Results</b>		85%

*These percentages represent % scoring 3 or higher*



# 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	4	4	100%	100%
AP US History	10	9	90%	56%
AP Engl Lang & Comp	12	12	100%	92%
AP Calculus AB	27	18	67%	83%
AP German	18	15	83%	93%
AP European History	22	17	77%	88%
AP Biology	32	17	53%	59%
AP Chemistry	3	3	100%	0%
AP Studio Art	2	2	100%	100%
AP French	13	12	92%	83%
AP Statistics	11	11	100%	82%
AP Physics 1	12	7	58%	100%
AP Engl Lit & Comp	16	15	94%	80%

	<b>High enrollment (&gt;20)</b>
	<b>High performance (&gt;90%)</b>
	<b>Both</b>

# AP Scores Overall



	5	4	3	2	1	Total
Number of Exams	27	42	45	23	5	142
Percentage Total	19	29.5	32	16	3.5	100

81% of AP students scored a 3 or higher

## Palisades High School AP Scholars

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

11 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)

1 National AP Scholar (avg. score of at least 4 on all exams, and scores of 4 or higher on eight or more exams) - PHS student took **9**

# School Performance Profile\*



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

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.

\*Scheduled to be replaced in 2018 with a new dashboard system

# School Performance Profile (SPP)



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

<b>School</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Palisades HS	88.6	80.9	90.9	81.8
Palisades MS	80.1	N/A	61.8	66.5
Durham Nockamixon ES	90.8	N/A	71.8	87.8
Springfield ES	83.5	N/A	62.1	71.0
Tinicum ES	91.6	N/A	83.1	78.7

## **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.

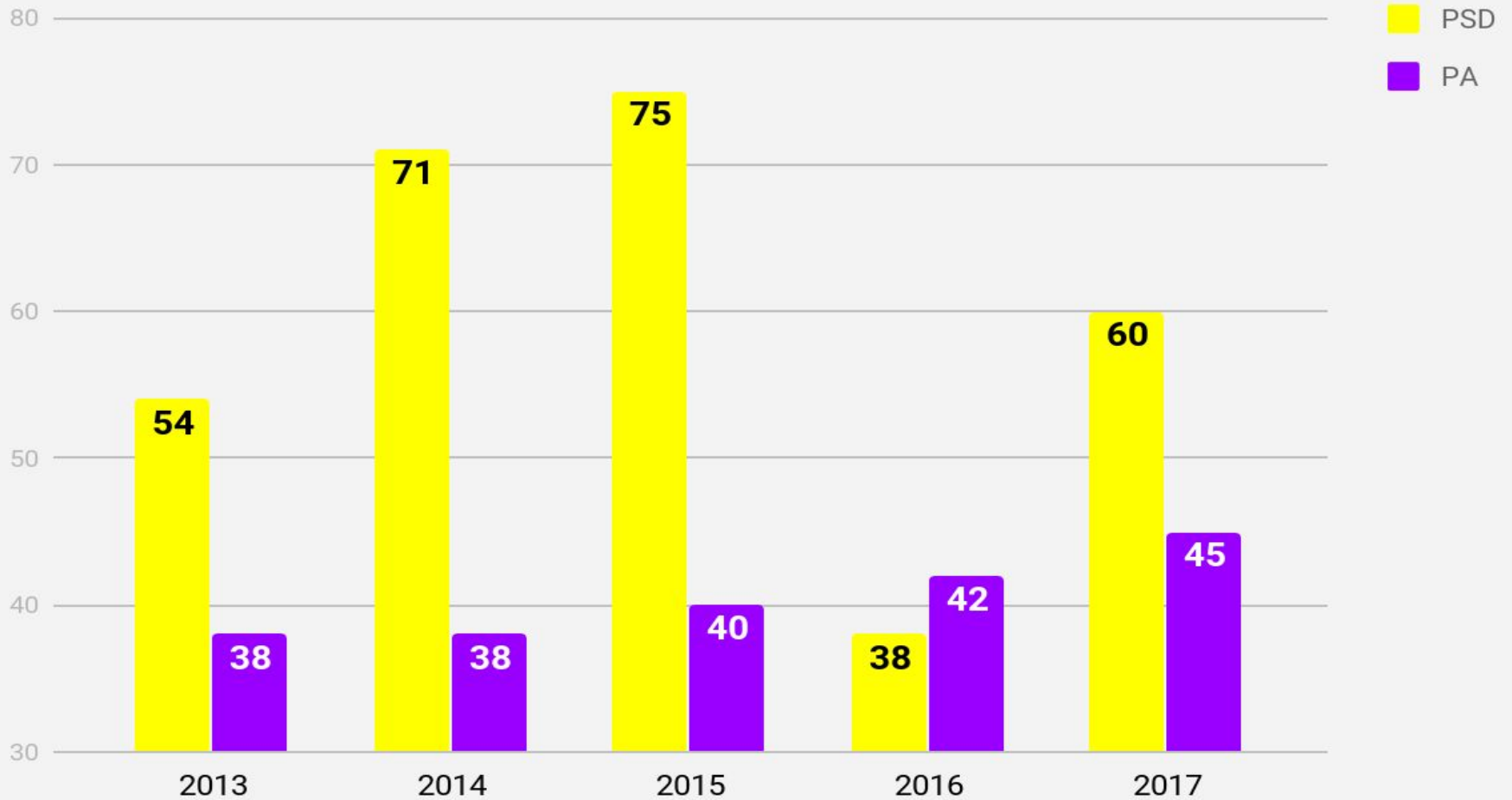
The School Performance Profile is currently being redesigned and a revised dashboard system is expected to be released next year for 2018-2019.

# College Readiness Indicators



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

# ACT College Readiness – All Four Benchmarks



**24 Testers**

**28 Testers**

**36 Testers**

**26 Testers**

**35 Testers**

# 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 2010- Class of 2016)

Graduation Year	Percent Enrolled
2010	82
2011	77
2012	81
2013	70
2014	75
2015	75
2016	75

# National Clearinghouse Data



Rank	Name	Type	Level
1	Bucks County Community College	Public	2-year
2	Penn State University	Public	4-year
3	Kutztown University	Public	4-year
4	Northampton Community College	Public	2-year
5	University of Pittsburgh	Public	4-year
6	DeSales University	Private	4-year
7	Temple University	Public	4-year
8	West Chester University	Public	4-year
9	East Stroudsburg University	Public	4-year
10	Delaware Valley University	Private	4-year
11	Bloomsburg University of PA	Public	4-year
12	Indiana University of PA	Public	4-year
13	Drexel University	Private	4-year
14	Moravian College	Private	4-year
15	Pennsylvania College of Technology	Public	4-year

15 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

# 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 10, 2018**)