

Palisades School District Data Presentation



DATA FOR SCHOOL YEAR 2018-2019



**Educational Programs and Services Meeting
February 12, 2020**

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)

	2019 PA	2019 Bucks County	2019 PSD	2018 PSD
3	58%	68%	66%	81%
4	49%	59%	77%	77%
5	46%	54%	73%	63%
6	42%	48%	34%	44%
7	41%	49%	44%	62%
8	35%	41%	47%	33%

Mathematics Performance by Building – K-5



Pennsylvania System of School Assessment (PSSA)

Grade 3

	TN	SPR	DN	PA
2019	75%	59%	64%	56%
2018	90%	83%	72%	54%

Grade 4

	TN	SPR	DN	PA
2019	85%	77%	70%	46%
2018	85%	76%	70%	44%

Grade 5

	TN	SPR	DN	PA
2019	78%	65%	75%	43%
2018	82%	49%	61%	45%

Overall

	TN	SPR	DN
2019	79%	68%	70%
2018	86%	69%	68%

Mathematics Growth in Grades 4-8



Pennsylvania Value Added Assessment System (PVAAS)

	4	5	6	7	8	Growth Across Grades
Estimated District Growth Measure						
2019 Growth Measure	2.7 DB	-4.3 R	-6.7 R	-1.3 Y	-1.7 Y	-2.3 R
2018 Growth Measure	0.4 G	-2.4 R	-6.2 R	1.4 LB	-1.5 R	-1.5 R
2017 Growth Measure	-2.1 Y	-1.9 Y	-5.1 R	0.1 G	-1.8 R	-2.2 R

DB	Significant evidence that the district exceeded the standard for PA Academic Growth
LB	Moderate evidence that the district exceeded the standard for PA Academic Growth
G	Evidence that the district met the standard for PA Academic Growth
Y	Moderate evidence that the district did not meet the standard for PA Academic Growth
R	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
Estimated District Growth Measure		
Durham-Nox ES	<u>1.0 G</u>	<u>-1.3 Y</u>
Springfield ES	<u>0.3 G</u>	<u>-3.8 R</u>
Tinicum ES	<u>0.3 G</u>	<u>-3.4 R</u>

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Algebra 1 Keystone Performance & Growth



PHS PERFORMANCE (SPP Indicator)

	PHS	PALMS	State Avg.
2019	79%	95%	45%
2018	83%	98%	46%

GROWTH*

		Avg. Scale Score	Avg %ile	Avg Predicted Scale Score	Predicted Avg %ile	Growth Measure
PHS	3-YR AVG	1497.3	49	1494.3	48	<u>3.1 DB</u>
PALMS		1564.7	85	1558.6	82	<u>6.2 DB</u>

*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



MATH School Norms – End of Year			
Grade	NATIONAL MEAN	2019 PSD MEAN	2019 %ile
K	159	164.4	65
1	181	185.7	63
2	192	210.2	91
3	203	207.8	61
4	214	222.4	71
5	221	230.9	71
6	225	230.4	61
7	229	235.1	64
8	231	243.2	73

Mathematics Performance, cont'd



Advanced Placement Tests (AP)

AP Calculus AB			AP Statistics		
2017	2018	2019	2017	2018	2019
83% (18 of 27)	68% (19 of 24)	73% (15 of 18)	82% (11 of 11)	79% (24 of 36)	83% (18 of 32)
2019 Global Results		58%	2019 Global Results		59%

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

Mathematics Performance, cont'd



Comp Sci Principles is a panoramic approach to computer science. Comp Sci A solely uses Java and emphasizes problem-solving.

Computer Science Principles			Computer Science A		
2017	2018	2019	2017	2018	2019
n/a	61% (11 of 18)	100% (2 of 2)	n/a	n/a	73% (15 of 17)
2019 Global Results		67%	2019 Global Results		70%

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

Mathematics Performance, cont'd



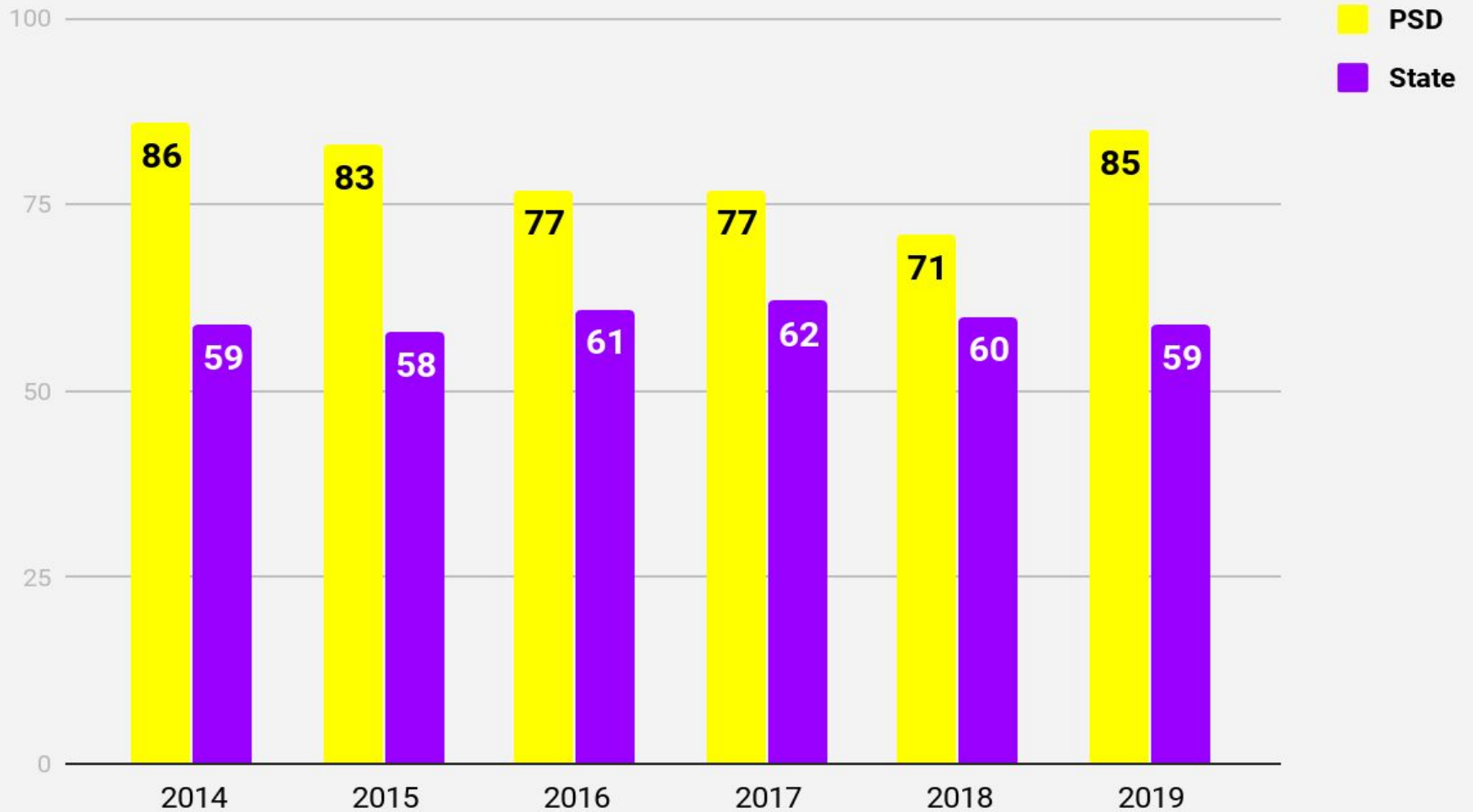
Scholastic Aptitude Test (SAT)

	Palisades Avg. (# Tested)	State Avg.	All
2017	590 (86)	533	533
2018	574 (102)	539	531
2019	577 (123)	537	528

ACT

	Palisades Avg. (# Tested)	State Avg.
2017	26 (35)	24
2018	24 (34)	23.2
2019	25 (26)	23.6

ACT College Readiness – College Algebra



28 Testers

36 Testers

26 Testers

35 Testers

34 Testers

26 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*

	2019 PA	2019 Bucks	2019 PSD	2018 PSD
3	64%	72%	75%	81%
4	66%	76%	83%	87%
5	61%	71%	81%	74%
6	66%	75%	68%	82%
7	63%	71%	71%	80%
8	61%	69%	65%	77%

Reading/ELA Growth in Grades 4-8



Pennsylvania Value Added Assessment System (PVAAS)

	4	5	6	7	8	Growth Across Grades
Estimated District Growth Measure						
2019 Growth Measure	3.1 DB	-1.4 Y	-4.2 R	-4.6 R	-5.1 R	-2.4 R
2018 Growth Measure	-4.3 R	-5.7 R	-0.2 G	2.2 DB	-2.5 R	-2.1 R
2017 Growth Measure	<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

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ELA Performance by Building – K-5



Pennsylvania System of School Assessment (PSSA)

Grade 3

	TN	SPR	DN	PA
2019	78%	75%	72%	61%
2018	87%	89%	72%	63%

Grade 4

	TN	SPR	DN	PA
2019	81%	88%	79%	63%
2018	91%	88%	81%	60%

Grade 5

	TN	SPR	DN	PA
2019	78%	82%	83%	59%
2018	78%	72%	73%	59%

Overall

	TN	SPR	DN
2019	79%	83%	78%
2018	85%	83%	75%

Elementary Reading Growth by Building



PVAAS 3-Year Averages

	4	5
Estimated District Growth Measure		
Durham-Nox ES	1.5 LB	-4.0 R
Springfield ES	-3.3 R	0.9 G
Tinicum ES	0.5 G	-5.9 R

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NWEA MAP Reading Achievement



RDG School Norms – End of Year			
Grade	NATIONAL MEAN	PSD MEAN	%ile
K	158	162.7	63
1	178	178.8	52
2	189	198.5	74
3	199	202.7	60
4	206	210.2	61
5	212	218.6	67
6	216	220.5	62
7	218	223.7	63
8	220	227.6	68

Literature Keystone Performance & Growth



PERFORMANCE (SPP Indicator)

	PHS	State Avg.
2019	81%	62%
2018	90%	63%

GROWTH*

	Avg. Scale Score	Avg %ile	Avg Predicted Scale Score	Predicted Avg %ile	Growth Measure
3 YR AVG	1530.9	66	1532.7	66	<u>-1.7 Y</u>

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

Y = Moderate evidence that the school did not meet the standard for PA Academic Growth

Reading/English Performance



Scholastic Aptitude Test (SAT)

	Palisades Avg. (# Tested)	State Avg.	All Avg.
2017	591 (86)	540	538
2018	568 (102)	547	536
2019	564 (123)	545	531

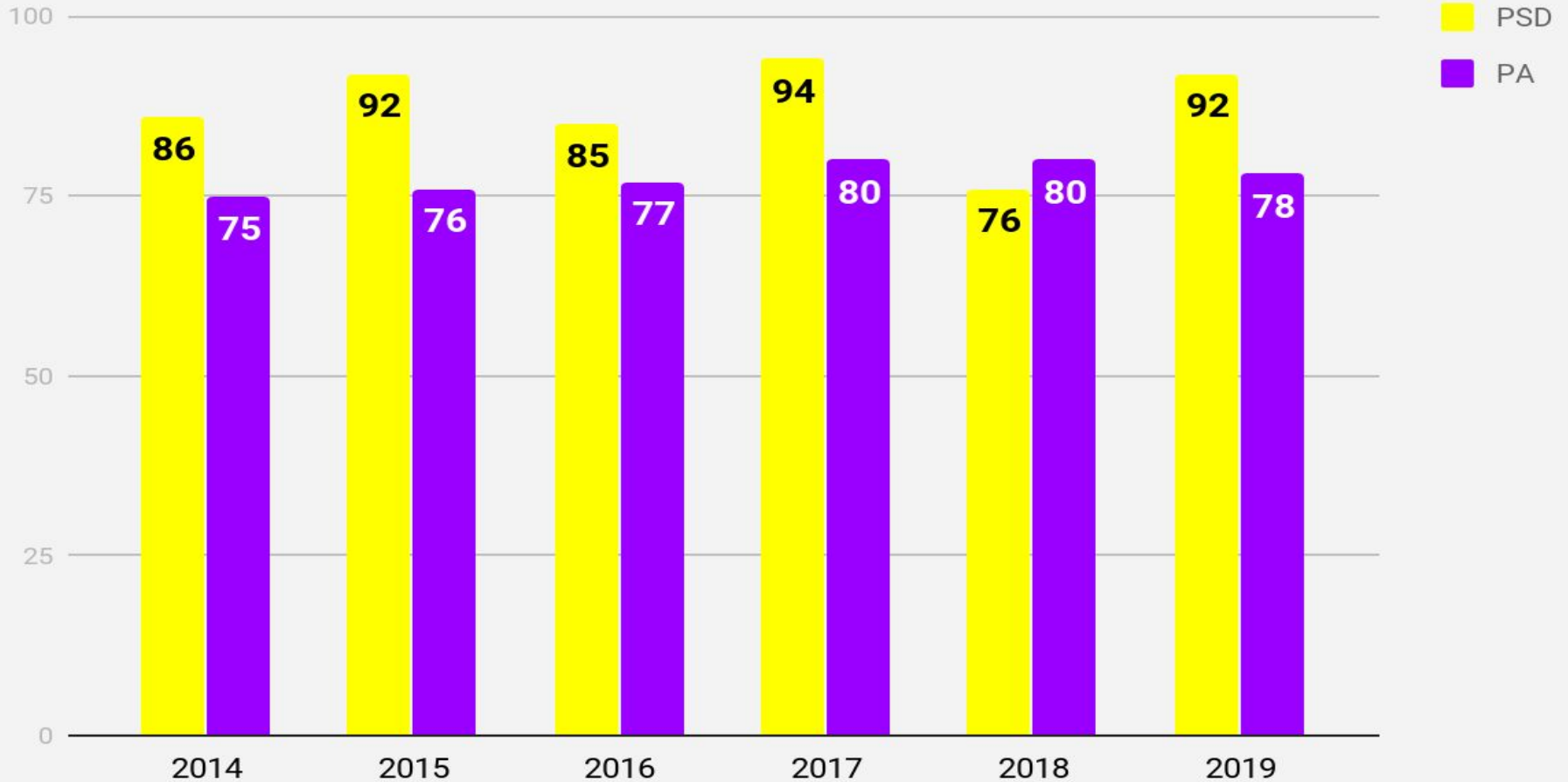
ACT English

	Palisades Avg. (# Tested)	State Avg.
2017	25 (35)	23
2018	23.8 (34)	23.3
2019	24.8 (26)	23.3

ACT Reading

	Palisades Avg. (# Tested)	State Avg.
2017	27 (35)	24
2018	25.6 (34)	24
2019	25.0 (26)	24.1

ACT College Readiness – English Composition



28 Testers

36 Testers

26 Testers

35 Testers

34 Testers

26 Testers

Reading/English Performance



Advanced Placement Tests (AP)

AP English Language & Comp		
2017	2018	2019
92% (12 of 12)	81% (21 of 22)	66.7% (33 of 34)
2019 Global Results		54.2%

AP English Literature & Comp		
2017	2018	2019
80% (15 of 16)	67% (15 of 16)	90% (20 of 22)
2019 Global Results		49.6%

*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)

Grade & Bldg	PA	Bucks	2019	2018
4 Durham Nox	80%	86%	92%	95%
4 Springfield			91%	97%
4 Tinicum			94%	94%
4 Avg – All Elem Schools			92%	96%
8 PALMS	61%	69%	78%	72%

Science Growth by Building



PVAAS 3-Year Averages

	4
Growth Measure	
Durham-Nox ES	19.3 DB
Springfield ES	0.1 G
Tinicum ES	37.5 DB
Palisades MS	0.0 G

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Biology Keystone Performance & Growth



PERFORMANCE (SPP Indicator)

	PHS	State Avg.
2019	84%	66%
2018	91%	64%

GROWTH*

	Avg. Scale Score	Avg %ile	Avg Predicted Scale Score	Predicted Avg %ile	Growth Measure
3-YR AVG	1372.9	61	1372.8	61	0.0 G

*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.
2017	26 (35)	23
2018	23.4 (34)	23.1
2019	25.1 (26)	23.2

AP Biology

2017	2018	2019
59% (17 of 32)	57% (46 of 57)	72.7% (33 of 47)
2019 Global Results		64.7%

Advanced Placement Tests (AP)

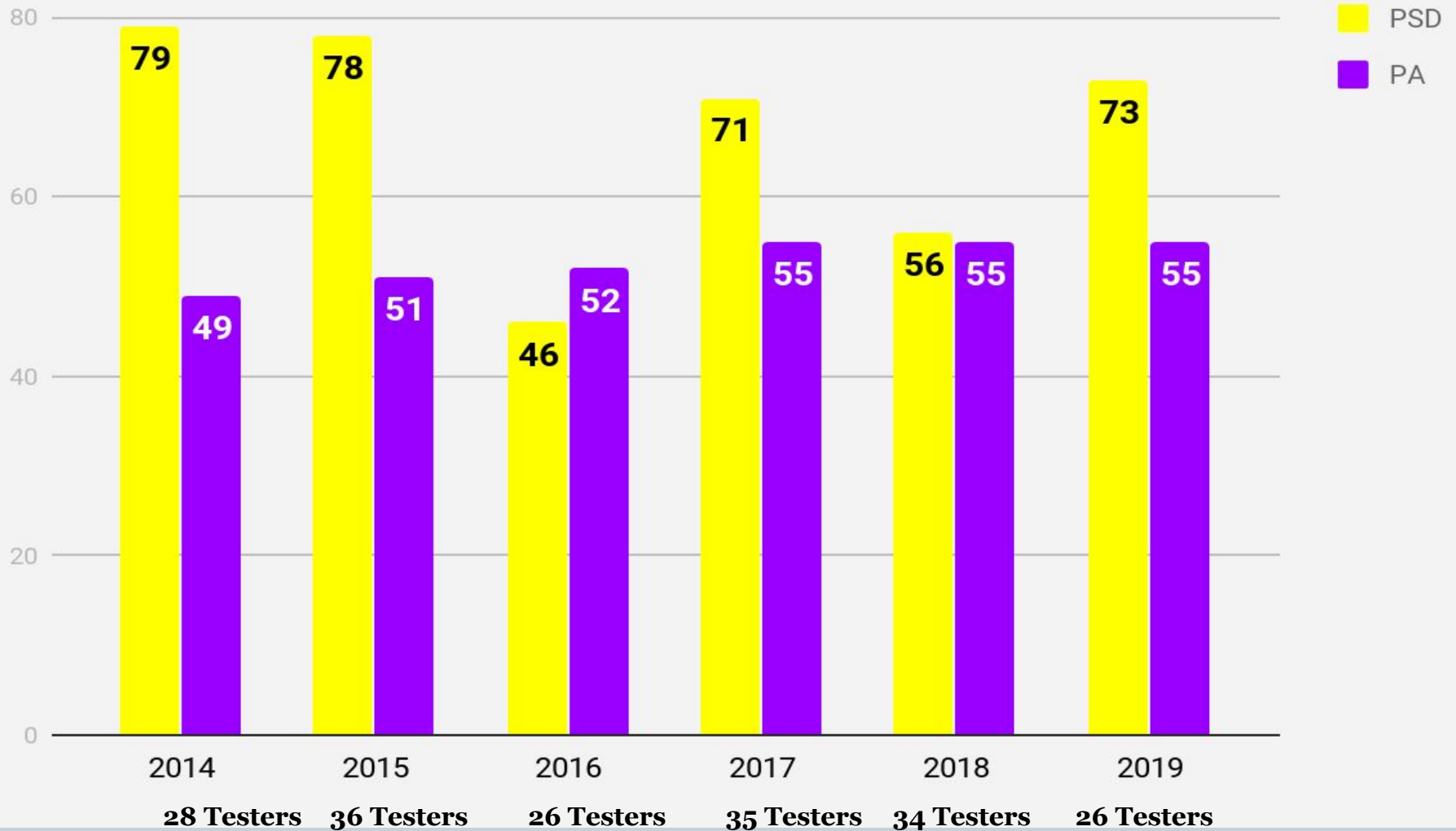
AP Chemistry

2017	2018	2019
0% (3 of 3)	75% (4 of 7)	20% (5 of 9)
2019 Global Results		55.6%

AP Physics 1

2017	2018	2019
100% (7 of 12)	67% (3 of 13)	75% (4 of 9)
2019 Global Results		45.4%

ACT College Readiness – College Biology



History, World Language & Art Performance



**ADVANCED PLACEMENT (AP)
ACT**

Social Studies Performance



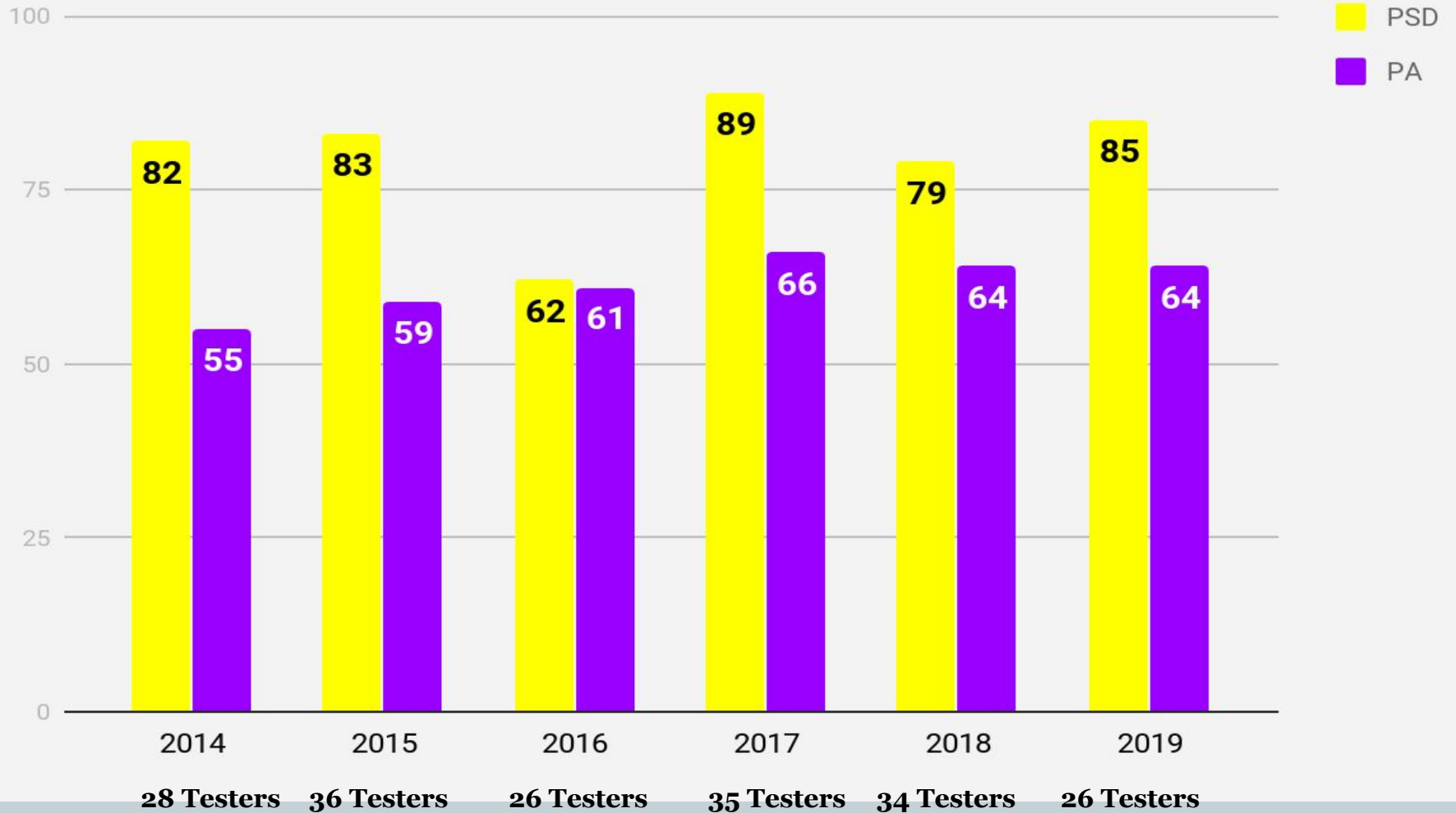
Advanced Placement Tests (AP)

AP European History		
2017	2018	2019
88% (17 of 22)	100% (14 of 22)	94.7% (19 of 30)
2019 Global Results		58.1%

AP United States History		
2017	2018	2019
56% (9 of 10)	69% (16 of 17)	100% (14 of 16)
2019 Global Results		53.6%

*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		
2017	2018	2019
93% (15 of 18)	100% (9 of 9)	80% (10 of 11)
2019 Global Results		72.1%

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

AP French

2017	2018	2019
83% (12 of 13)	80% (15 of 17)	28.6% (7 of 8)
2019 Global Results		76.6%

AP Spanish

2017	2018	2019
100% (4 of 4)	88% (8 of 9)	66.7% (12 of 12)
2019 Global Results		88.2%

Art Performance



Advanced Placement Tests (AP)

AP Studio Art		
2017	2018	2019
100% (2 of 2)	100% (4 of 5)	100% (3 of 5)
2019 Global Results		86%

*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	12	12	100%	67%
AP US History	16	14	88%	100%
AP Engl Lang & Comp	34	33	97%	67%
AP Calculus AB	18	15	83%	73%
AP German	11	10	91%	80%
AP European History	30	19	63%	95%
AP Biology	47	33	70%	73%
AP Chemistry	9	5	56%	20%
AP Studio Art	5	3	60%	100%
AP French	8	7	88%	29%
AP Statistics	32	18	56%	83%
AP Physics 1	9	4	44%	75%
AP Engl Lit & Comp	22	20	91%	90%
Comp Science Princp	6	2	33%	100%
Comp Science A	17	15	88%	73%

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

AP Scores Overall



	5	4	3	2	1	Total
Number of Exams	21	45	94	46	4	210
Percentage Total	10%	21%	45%	22%	2%	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)

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

9 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)

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 in December 2019**

School	2016	2017	2018	2019
Palisades HS	90.9	81.8	83.6	82.2
Palisades MS	61.8	66.5	68.7	60.0
Durham Nockamixon ES	71.8	87.8	67.8	82.9
Springfield ES	62.1	71.0	78.0	71.5
Tinicum ES	83.1	78.7	81.5	80.5

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”.

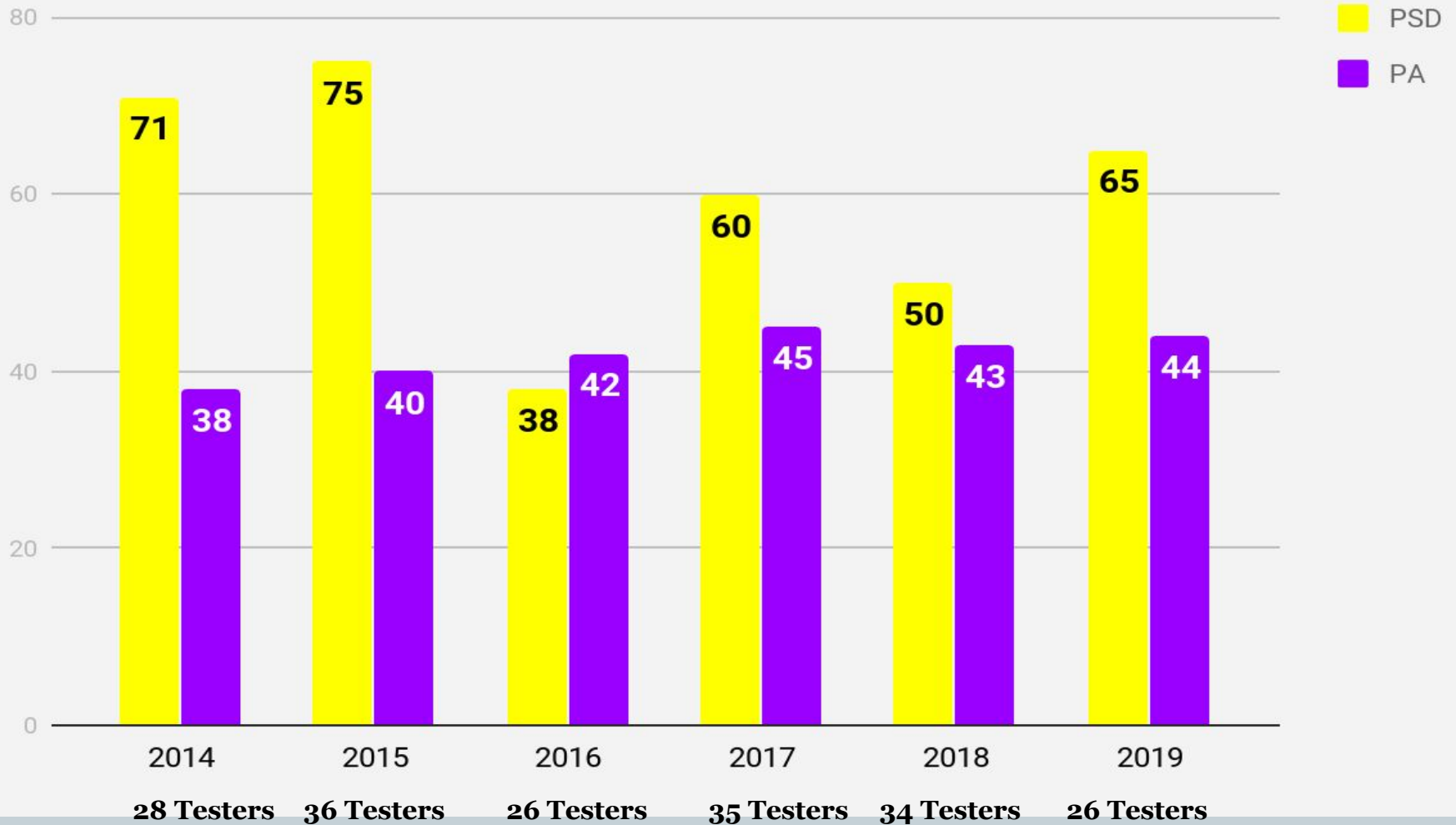
PA FUTURE READY INDEX.

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 2012 - Class of 2018)

Graduation Year	Percent Enrolled
2012	81
2013	70
2014	75
2015	75
2016	75
2017	72
2018	73

National Clearinghouse Data



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

12 Most Common Institutions of Enrollment for PHS graduates

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
2011	94
2012	92
2013	92
2014	94
2015	92
2016	88
2017	93

Next Steps



- **Always a work in progress**
 - We are constantly reviewing data points (local assessments, MAP data, high stakes state assessments) while, at the same time, navigating the social/emotional and mental wellness of our students, K - 12.
 - Principals worked with faculty throughout fall semester to develop improvement plans (presented in January, 2020).
 - PSSA / Keystone 2020 testing : late April - mid May