

Palisades School District Data Presentation



DATA FOR SCHOOL YEAR 2013-2014



**Education Programs and Services Meeting
October 8, 2014**

Mathematics Performance Grades 3-8



Pennsylvania System of School Assessment (PSSA) 2010-2014

Grade	2010	2011	2012	2013	2014
3	95%	91%	82%	93%	88%
4	97%	95%	97%	86%	92%
5	90%	94%	90%	91%	83%
6	91%	85%	84%	88%	84%
7	90%	87%	90%	87%	92%
8	77%	89%	83%	80%	78%

2014 (PA Avg)
75%
76%
67%
72%
76%
74%

Mathematics Performance by Building – K-5



Pennsylvania System of School Assessment (PSSA)

Grade 3

	TN	SPR	DN	PA
2013	93%	88%	97%	
2014	91%	80%	91%	75%

Grade 4

	TN	SPR	DN	PA
2013	86%	83%	88%	
2014	90%	91%	95%	76%

Grade 5

	TN	SPR	DN	PA
2013	97%	84%	92%	
2014	80%	78%	89%	67%

Overall

	TN	SPR	DN
2013	92%	85%	92%
2014	87%	83%	91%

Mathematics Growth in Grades 4-8



Pennsylvania Value Added Assessment System (PVAAS)

	4	5	6	7	8	Growth Across Grades
Estimated District Growth Measure						
2013 Growth Measure	.8 G	0.5 G	-5.0 R	4.3 DB	-1.6 Y	-0.2 G
2014 Growth Measure	3.5 DB	2.0 DB	-4.0 R	4.5 DB	-3.6 R	0.5 LB

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

Mathematics Growth by Building, Gr. 4-8



Pennsylvania Value Added Assessment System (PVAAS)

	4	5	6	7	8
Estimated District Growth Measure					
Durham-Nox ES	5.3 DB	4.7 DB			
Springfield ES	-1.5 G	0.1 G			
Tinicum ES	5.8 DB	1.0 G			
Palisades MS			-4.0 R	4.5 DB	-3.6 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
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R	Significant evidence that the district did not meet the standard for PA Academic Growth

Algebra 1 Keystone Performance & Growth



PERFORMANCE

	Palisades	State Avg.
2012/13	72%	47%
2013/14	72% (98% at PALMS)	33%

GROWTH*

	Avg. Scale Score	Avg %ile	Avg Predicted Scale Score	Predicted Avg %ile	Growth Measure
2013	1531.5	77	1510.4	64	20.6 DB
2014	1527.4	73	1508.4	62	18.4 DB

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

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

Mathematics Performance, cont'd



Scholastic Aptitude Test (SAT)

	Palisades Avg. (# Tested)	State Avg.	All
2012	547 (108)	501	514
2013	538 (115)	504	514
2014	538 (110)	504	513

ACT

	Palisades Avg. (# Tested)	State Avg.
2012	26 (23)	23
2013	25 (24)	23
2014	26 (28)	23

Mathematics Performance, cont'd



Advanced Placement Tests (AP)

AP Calculus AB		
2012	2013	2014
83% (15 of 18)	81% (13 of 16)	87% (20 of 23)

AP Statistics		
2012	2013	2014
80% (8 of 10)	85% (17 of 20)	100% (8 of 8)

These percentages represent % scoring 3 or higher

Reading Performance Grades 3-8



Pennsylvania System of School Assessment (PSSA)

Grade	2010	2011	2012	2013	2014
3	91%	87%	82%	94%	84%
4	89%	87%	85%	80%	90%
5	74%	78%	86%	81%	77%
6	76%	74%	77%	81%	72%
7	89%	89%	90%	86%	87%
8	88%	93%	90%	90%	90%

2014 (PA Avg)
70%
69%
61%
65%
72%
80%

Reading Growth in Grades 4-8



Pennsylvania Value Added Assessment System (PVAAS)

	4	5	6	7	8	Growth Across Grades
Estimated District Growth Measure						
2013 Growth Measure	0.3 G	2.2 LB	-3.9 R	3.9 DB	1.1 G	0.7 LB
2014 Growth Measure	-0.8 G	.4 G	-3.1 R	4.0 DB	-1.7 Y	-0.2 G

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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

Reading Performance by Building – K-5



Pennsylvania System of School Assessment (PSSA)

Grade 3

	TN	SPR	DN	PA
2013	96%	91%	95%	
2014	91%	77%	84%	70%

Grade 4

	TN	SPR	DN	PA
2013	88%	65%	86%	
2014	88%	94%	88%	69%

Grade 5

	TN	SPR	DN	PA
2013	87%	68%	88%	
2014	83%	70%	80%	61%

Overall

	TN	SPR	DN
2013	90%	75%	90%
2014	87%	79%	84%

Reading Growth by Building



Pennsylvania Value Added Assessment System (PVAAS)

	4	5	6	7	8
Estimated District Growth Measure					
Durham-Nox ES	-1.7 G	0.3 G			
Springfield ES	-6.8 R	3.8 LB			
Tinicum ES	4.7 DB	-3.1 Y			
Palisades MS			-3.1 R	4.0 DB	-1.7 Y

DB	Significant evidence that the district exceeded the standard for PA Academic Growth
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R	Significant evidence that the district did not meet the standard for PA Academic Growth

Literature Keystone Performance & Growth



PERFORMANCE

	PHS	State Avg.
2012-13	83%	61%
2013-14	68%	45%

GROWTH*

	Avg. Scale Score	Avg %ile	Avg Predicted Scale Score	Predicted Avg %ile	Growth Measure
2013	1546.3	72	1530.3	60	14.9 DB
2014	1518.6	55	1513.1	50	5.2 DB

*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

Reading/English Performance



Scholastic Aptitude Test (SAT)

	Palisades Avg. (# Tested)	State Avg.	All Avg.
2012	532 (108)	491	496
2013	508 (115)	494	496
2014	524 (113)	497	497

ACT English

	Palisades Avg. (# Tested)	State Avg.
2012	25 (23)	22
2013	22 (24)	22
2014	26 (28)	22

ACT Reading

	Palisades Avg. (# Tested)	State Avg.
2012	26 (23)	23
2013	24 (24)	23
2014	27 (28)	23

Reading/English Performance



Advanced Placement Tests (AP)

AP English Language & Comp		
2012	2013	2014
62% (8 of 13)	75% (12 of 16)	75% (21 of 28)

AP English Literature & Comp		
2012	2013	2014
93% (13 of 14)	96% (23 of 24)	75% (6 of 8)

These percentages represent % scoring 3 or higher

Writing Performance Grades 4-8



Pennsylvania System of School Assessment (PSSA)

Grade & Bldg	2012	2013	2014
5 Durham Nox	88%	96%	91%
5 Springfield	58%	56%	81%
5 Tinicum	86%	79%	78%
5 Avg – All Schools	78%	77%	83%
8 PALMS	85%	86%	88%

Writing Growth by Building



Pennsylvania Value Added Assessment System (PVAAS)

	5	8
Durham-Nox ES	1.71 LB	
Springfield ES	1.58 LB	
Tinicum ES	1.32 LB	
Palisades MS		2.08 DB

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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

Writing Performance High School



Scholastic Aptitude Test (SAT)

	Palisades Avg. (# Tested)	State Avg.	All Avg.
2012	520 (108)	480	488
2013	516 (115)	482	488
2014	516 (113)	480	487

Science Performance Grades 4 & 8



Pennsylvania System of School Assessment (PSSA)

Grade & Bldg	2012	2013	2014
4 Durham Nox	100%	88%	100%
4 Springfield	90%	91%	97%
4 Tinicum	100%	94%	98%
4 Avg – All Elem Schools	96%	91%	98%
8 PALMS	73%	74%	69%

Science Growth by Building



Pennsylvania Value Added Assessment System (PVAAS)

	5	8
Durham-Nox ES	2.25 DB	
Springfield ES	.94 G	
Tinicum ES	4.15 DB	
Palisades MS		-.71 G

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

Biology Keystone Performance & Growth



PERFORMANCE

	PHS	State Avg.
2012/13	56%	41%
2013/14	59%	34%

GROWTH*

	Avg. Scale Score	Avg %ile	Avg Predicted Scale Score	Predicted Avg %ile	Growth Measure
2013	1512.4	61	1508.2	58	4.2 LB
2014	1524.7	65	1519.2	62	5.3 DB

*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

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

Science Performance, cont'd

ACT

	Palisades Avg. (# Tested)	State Avg.
2012	24 (23)	22
2013	22 (24)	22
2014	25 (28)	22

Advanced Placement Tests (AP)

AP Chemistry

2012	2013	2014
Not Given	33% (1 of 3)	45% (5 of 11)

AP Biology

2012	2013	2014
32% (7 of 22)	86% (19 of 22)	71% (17 of 24)

AP Physics B

2012	2013	2014
100% (1 of 1)	100% (2 of 2)	100% (3 of 3)

AP Physics C

2012	2013	2014
100% (2 of 2)	Not Given	Not Given

Social Studies Performance



Advanced Placement Tests (AP)

AP European History		
2012	2013	2014
93% (25 of 27)	92% (12 of 13)	94% (16 of 17)

AP United States History		
2012	2013	2014
54% (13 of 24)	64% (16 of 25)	73% (11 of 15)

These percentages represent % scoring 3 or higher

World Languages and Art Performance



Advanced Placement Tests (AP)

AP German		
2012	2013	2014
100% (7 of 7)	100% (6 of 6)	87% (13 of 15)

AP Spanish		
2012	2013	2014
50% (4 of 8)	0% (0 of 3)	100% (2 of 2)

AP French		
2012	2013	2014
Not Given	Not Given	69% (9 of 13)

AP Studio Art		
2012	2013	2014
100% (3 of 3)	100% (6 of 6)	100% (7 of 7)

These percentages represent % scoring 3 or higher

AP Enrollment vs. Test Participation



Course	# enrolled	# testing	% of enrolled and tested	% testers scoring 3 or higher
AP Spanish	2	2	100%	100%
AP US History	15	15	100%	73%
AP Engl Lang & Comp	29	28	97%	75%
AP Calculus AB	25	23	92%	87%
AP German	18	15	83%	87%
AP European History	21	17	81%	94%
AP Biology	30	24	80%	71%
AP Chemistry	14	11	79%	45%
AP Studio Art	10	7	70%	100%
AP French	20	13	65%	69%
AP Statistics	16	8	50%	100%
AP Physics B	6	3	50%	100%
AP Engl Lit & Comp	17	8	47%	75%

AP Scores Overall



201	5	4	3	2	1	Total
Number of Exams	23	50	66	28	8	175
Percentage Total	13%	29%	38%	16%	5%	100%

- Overall, 85% of AP students scored a 3 or higher and 80% of all exams taken scored a 3 or higher
 - PA average is 69% and global average is 61%
- 28 Palisades HS AP Scholars
 - 17 AP Scholars (3 or higher on 3 or more exams)
 - 9 AP Scholars w/Honor (at least a 3.25 on all exams taken and a 3 or higher on 4 or more of these exams)
 - 2 AP Scholars w/Distinction (average of at least 3.5 on all AP exams taken, and scores of 3 or higher on 5 or more exams)
- 30% of all 2014 PHS seniors scored a 3 or higher on at least one AP exam during their high school career

School Performance Profile (SPP)



The School Performance Profile (SPP) has replaced AYP as the official means by which the PA Department of Education will assess and report 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.

This score comprises 15% of each building-level professional staff member's evaluation.

For More Information, see: <http://goo.gl/RArHHu>

School Performance Profile (SPP)



Release of 2013-2014 SPP Delayed

Last Year Scores:

School	2012-2013 Score
Palisades HS	91.8
Palisades MS	83.6
Durham Nockamixon ES	88.9
Springfield ES	74.3
Tinicum ES	92.0

School Performance Profile (SPP)



Release of 2013-2014 SPP Delayed

Elementary scores are final but not yet public

- Small decrease at Tinicum
- Modest increase at Durham Nockamixon
- Significant increase at Springfield

- 2013-2014 Range of scores in our elementary bldgs= 9 pts
- 2012-2013 Range of elementary scores in Quakertown, Pennridge, and Central Bucks = between 9 and 20 pts

Secondary scores are being recalculated

- Anticipated decrease btwn 2 and 5 pts at PALMS and PHS

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
 - These data are not updated from the 12/13 report – updated information will be available in November

National Clearinghouse Data



Percent of PHS Seniors Who Enrolled in College
During the First Two Years After Graduation
(Class of 2006- Class of 2012)

Graduation Year	Percent Enrolled
2006	70
2007	79
2008	75
2009	74
2010	82
2011	77

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
2006	94
2007	89
2008	91
2009	93
2010	92
2011	94

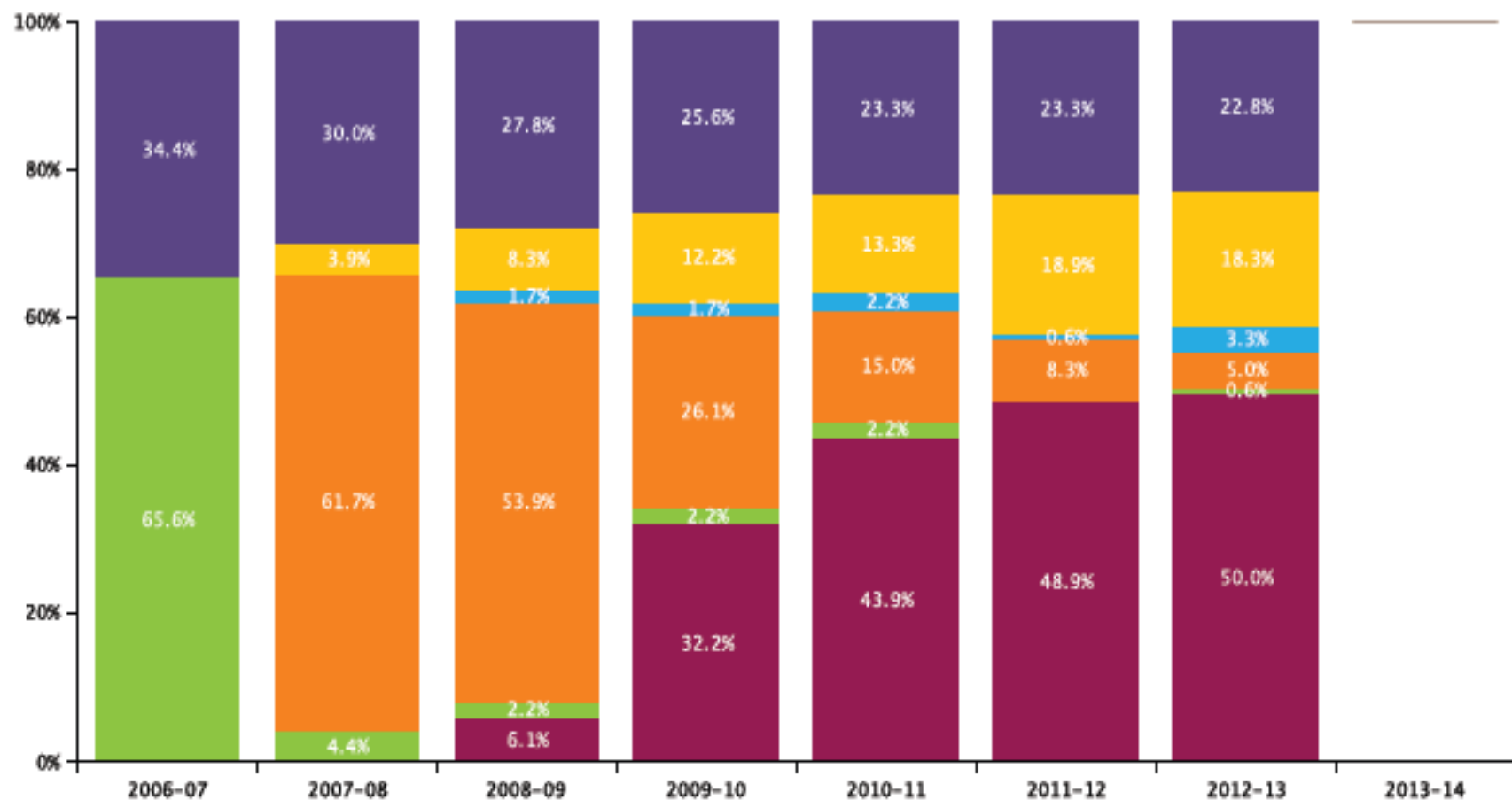
National Clearinghouse Data



Top 10 Most Common Institutions of Enrollment in Fall after Graduation for PHS Seniors

Rank	Name	Type	Level	Total
1	Bucks County Community College	Public	2-year	116
2	Penn State University	Public	4-year	53
3	Kutztown University	Public	4-year	42
4	Northampton Community College	Public	2-year	29
5	Temple University	Public	4-year	28
6	DeSales University	Private	4-year	19
7	West Chester University	Public	4-year	18
8	East Stroudsburg University	Public	4-year	15
9	Lock Haven University	Public	4-year	14
10	Delaware Valley College	Private	4-year	13

Class of 2006 Postsecondary Enrollment and Progress



Graduated

New to College

Retained

Returned After Stop Out

No Longer Enrolled & Not Graduated

Not in NSC to Date

College and Work Readiness Assessment (CWRA+)



- **Description:**
 - The CWRA+ is designed to measure students' higher-order skills that are necessary to succeed in college and the workplace. The CWRA+ is referred to as a “next generation” assessment.
- Administered to a representative sample of 77 seniors in the Spring of 2014, funded through a grant

	Mean CWRA Score
PHS Students	1109
Performance Level	PROFICIENT

Challenges Faced



2013-14 was the last year that the PSSA was aligned to PA Academic Standards.

- New tests will be more rigorous and tied to controversial PA Core Standards, approved less than one year ago
- Expected decrease in proficiency levels due to rigor of test, lack of adequate preparatory resources
- Historical comparisons of performance will be impossible
- PVAAS (growth) data will remain helpful in determining student progress and quality of instruction
- Student growth and achievement on the new tests will be used in teacher and principal evaluation
- Keystones required for graduation for students in Class of 2017 and beyond

Next Steps



- **School Improvement Planning**
 - Building data teams have begun this work and will present analysis and plans for improvement at the January P&S meeting
 - Strong emphasis on PVAAS results – focus on grade levels and subjects where at least one year of growth is not occurring
 - Raise awareness about and plan for transition to Keystone Exams at the HS and PA Common Core Standards at the Elementary & Middle Level
 - Examine School Performance Profile (SPP) results by building and identify areas for improvement