

Palisades School District Data Presentation



DATA FOR SCHOOL YEAR 2014-2015



**Education Programs and Services Meeting
October 14, 2015**

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) *Percent Proficient or Advanced*

FORMER PA **Standards**

	2014 PA	2014 PSD	
3	75%	88%	+13
4	76%	92%	+16
5	67%	83%	+16
6	72%	84%	+12
7	76%	92%	+16
8	74%	78%	+4

NEW PA Core **Standards**

	2015 PA	2015 PSD	
3	49%	72%	+23
4	45%	73%	+28
5	43%	61%	+18
6	40%	48%	+8
7	33%	45%	+12
8	30%	43%	+13

Mathematics Performance by Building – K-5



Pennsylvania System of School Assessment (PSSA)

Grade 3

	TN	SPR	DN	PA
2015	80%	76%	60%	49%

Grade 4

	TN	SPR	DN	PA
2015	81%	72%	67%	44%

Grade 5

	TN	SPR	DN	PA
2015	70%	59%	54%	43%

Overall

	TN	SPR	DN
2015	77%	69%	60%

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	.6 G	.4 G	-5.1 R	4.4 DB	-1.7 Y	-0.3 G
2014 Growth Measure	3.5 DB	1.9 DB	-4.2 R	4.6 DB	-3.5 R	0.5 LB
2015 Growth Measure	4.0 DB	-6.6 R	-5.3 R	4.7 DB	-2.6 R	-1.2 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	1.7	-2.1
Springfield ES	3.1	1.9
Tinicum ES	3.5	-2.6

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

Algebra 1 Keystone Performance & Growth



PERFORMANCE (SPP Indicator) - Updated 11/4/15

	PHS	State Avg.
2015	80%	64%

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	74	1508.2	62	18.5 DB
2015	1514.6	71	1501.5	63	13.2 DB

*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



2015 MATH School Status Percentiles – End of Year				
Grade	NATIONAL MEAN*	PSD MEAN	DIFFERENCE	%ile
K	159.1	168.9	+9.8	93
1	180.8	188	+7.2	87
2	192.1	204.8	+12.7	97
3	203.4	212.5	+9.1	92
4	213.5	225.3	+11.8	95
5	221.4	228.9	+7.5	82
6	225.3	232.3	+7	80
7	228.6	240	+11.4	92
8	230.9	244.7	+13.8	92

*Note: Standard deviation is between 13 and 20, depending on grade level

NWEA MAP Mathematics Growth



2015 MATH School Growth Norms – Mid-Year to End-of-Year 2015			
Grade	NATIONAL MEAN	PSD MEAN	DIFFERENCE
K	7.7	9.5	+1.8
1	7.0	9.9	+2.9
2	5.7	11.1	+5.4
3	5.2	8.4	+3.2
4	4.8	8.9	+4.1
5	4.1	3.8	-0.3
6	3.3	4.2	+0.9
7	2.5	3	+0.5
8	1.8	1.8	-

*Note: Standard deviation is between .92 and 1.32, depending on grade level

Mathematics Performance, cont'd



Advanced Placement Tests (AP)

AP Calculus AB		
2013	2014	2015
81% (13 of 16)	87% (20 of 23)	89% (16 of 18)

AP Statistics		
2013	2014	2015
85% (17 of 20)	100% (8 of 8)	100% (10 of 10)

These percentages represent % scoring 3 or higher

Mathematics Performance, cont'd



Scholastic Aptitude Test (SAT)

	Palisades Avg. (# Tested)	State Avg.	All
2013	538 (115)	504	514
2014	538 (110)	504	513
2015	547 (120)	504	511

ACT

	Palisades Avg. (# Tested)	State Avg.
2013	25 (24)	23
2014	26 (28)	23
2015	26 (36)	23

ACT College Readiness – College Algebra



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*

FORMER PA **Standards**

	2014 PA	2014 PSD	
3	70%	84%	+14
4	69%	90%	+21
5	61%	77%	+16
6	65%	72%	+7
7	72%	87%	+15
8	80%	90%	+10

NEW PA Core **Standards**

	2015 PA	2015 PSD	
3	62%	85%	+23
4	59%	78%	+19
5	62%	80%	+18
6	60%	73%	+13
7	59%	79%	+20
8	58%	75%	+17

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						
2013 Growth Measure	0.2 G	2.2 LB	-3.9 R	3.8 DB	1.1 G	0.7 LB
2014 Growth Measure	-1.0 G	.3 G	-3.3 R	3.8 DB	-1.6 Y	-0.4 G
2015 Growth Measure	2.5 DB	-1.4 Y	-3.0 R	5.3 DB	-2.2 R	0.2 G

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R	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
2015	83%	85%	85%	62%

Grade 4

	TN	SPR	DN	PA
2015	73%	75%	87%	59%

Grade 5

	TN	SPR	DN	PA
2015	75%	75%	91%	62%

Overall

	TN	SPR	DN
2015	77%	78%	88%

Elementary Reading Growth by Building



PVAAS 3-Year Averages

	4	5
Estimated District Growth Measure		
Durham-Nox ES	0.1	2.9
Springfield ES	-4.1	1.6
Tinicum ES	5.5	-2.8

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

NWEA MAP Reading Achievement



2015 RDG School Achievement – End of Year				
Grade	NATIONAL MEAN*	PSD MEAN	DIFFERENCE	%ile
K	158.1	164.5	+6.4	86
1	177.5	183.6	+6.1	82
2	188.7	194.7	+6	81
3	198.6	206.5	+7.9	88
4	205.9	214.1	+8.2	89
5	211.8	221.2	+9.4	93
6	215.8	222.0	+6.2	833
7	218.2	226.4	+8.2	89
8	220.1	229.8	+9.7	90

*Note: Standard deviation is between 13 and 17, depending on grade level

NWEA MAP Reading Growth



2015 RDG School Growth Norms – Mid-Year to End-of-Year 2015

Grade	NATIONAL MEAN*	PSD MEAN	DIFFERENCE
K	6.8	7.4	+0.6
1	6.0	9.6	+3.6
2	4.5	7.2	+2.7
3	3.0	2	-1.0
4	2.3	4.6	+2.6
5	2.0	4.3	+2.3
6	1.5	1.6	+0.1
7	1.3	2.5	+1.2
8	1.0	0.9	-0.1

*Note: Standard deviation is between .72 and 1.29, depending on grade level

Literature Keystone Performance & Growth



PERFORMANCE (SPP Indicator) - Updated 11/4/15

	PHS	State Avg.
2014-15	82%	73%

GROWTH*

	Avg. Scale Score	Avg %ile	Avg Predicted Scale Score	Predicted Avg %ile	Growth Measure
2013	1546.3	72	1529.4	60	15.8 DB
2014	1518.6	55	1512.3	50	5.9 DB
2015	1526.4	58	1526.9	58	-0.4 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

Reading/English Performance



Scholastic Aptitude Test (SAT)

	Palisades Avg. (# Tested)	State Avg.	All Avg.
2013	508 (115)	494	496
2014	524 (113)	497	497
2015	531 (120)	499	495

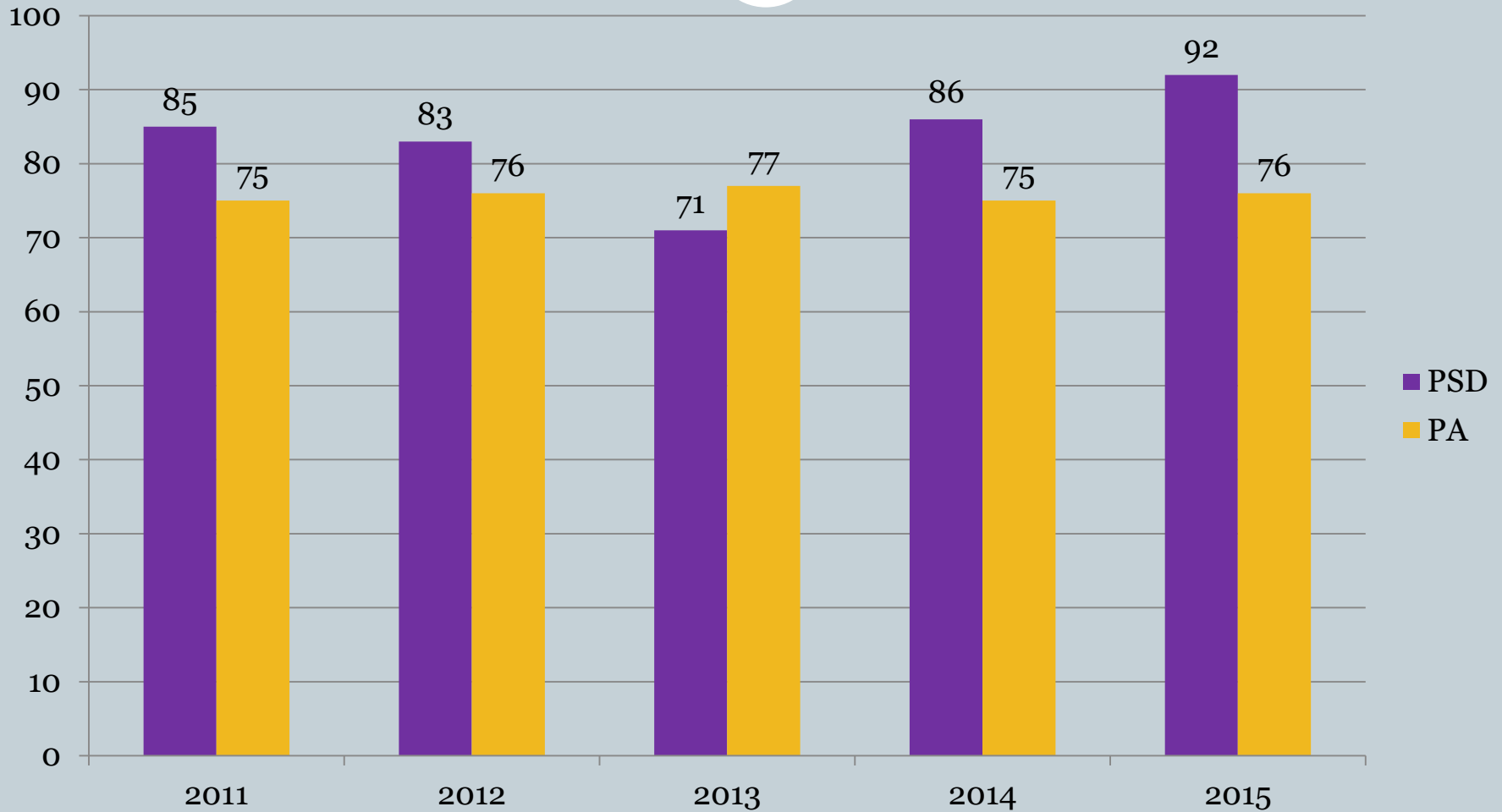
ACT English

	Palisades Avg. (# Tested)	State Avg.
2013	22 (24)	22
2014	26 (28)	22
2015	26 (36)	23

ACT Reading

	Palisades Avg. (# Tested)	State Avg.
2013	24 (24)	23
2014	27 (28)	23
2015	26 (36)	23

ACT College Readiness – English Composition



Reading/English Performance



Advanced Placement Tests (AP)

AP English Language & Comp		
2013	2014	2015
75% (12 of 16)	75% (21 of 28)	81% (13 of 16)

AP English Literature & Comp		
2013	2014	2015
96% (23 of 24)	75% (6 of 8)	82% (14 of 17)

These percentages represent % scoring 3 or higher

Writing Performance High School



Scholastic Aptitude Test (SAT)

	Palisades Avg. (# Tested)	State Avg.	All Avg.
2013	516 (115)	482	488
2014	516 (113)	480	487
2015	519 (120)	482	484

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	2013	2014	2015
4 Durham Nox	88%	100%	98%
4 Springfield	91%	97%	88%
4 Tinicum	94%	97%	95%
4 Avg – All Elem Schools	91%	98%	94%
8 PALMS	74%	70%	79%

Science Growth by Building



PVAAS 3-Year Averages

	4
Growth Measure	
Durham-Nox ES	21.9 DB
Springfield ES	2.1 G
Tinicum ES	66.5 DB
Palisades MS	2.0 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 (SPP Indicator) - Updated 11/4/15

	PHS	State Avg.
2014/15	68%	59%

GROWTH*

	Avg. Scale Score	Avg %ile	Avg Predicted Scale Score	Predicted Avg %ile	Growth Measure
2013	1512.4	61	1507.5	57	4.9 DB
2014	1525.4	65	1518.1	61	7.1 DB
2015	1517.6	62	1511.4	59	6.1 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.
2013	22 (24)	22
2014	25 (28)	22
2015	25 (36)	23

AP Biology

2013	2014	2015
86% (19 of 22)	71% (17 of 24)	69% (20 of 29)

Advanced Placement Tests (AP)

AP Chemistry

2013	2014	2015
33% (1 of 3)	45% (5 of 11)	None tested

AP Physics 1 (NEW)

2013	2014	2015
N/A	N/A	100% (4 of 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		
2013	2014	2015
92% (12 of 13)	94% (16 of 17)	94% (16 of 17)

AP United States History		
2013	2014	2015
64% (16 of 25)	73% (11 of 15)	100% (8 of 8)

These percentages represent % scoring 3 or higher

ACT College Readiness – College Social Science



World Languages and Art Performance



Advanced Placement Tests (AP)

AP German		
2013	2014	2015
100% (6 of 6)	87% (13 of 15)	83% (5 of 6)

AP Spanish		
2013	2014	2015
0% (0 of 3)	100% (2 of 2)	92% (11 of 12)

AP French		
2013	2014	2015
Not Given	69% (9 of 13)	83% (5 of 6)

AP Studio Art		
2013	2014	2015
100% (6 of 6)	100% (7 of 7)	83% (5 of 6)

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	15	13	87%	92%
AP US History	9	8	89%	100%
AP Engl Lang & Comp	18	16	89%	81%
AP Calculus AB	28	17	61%	94%
AP German	6	6	100%	83%
AP European History	20	16	80%	94%
AP Biology	44	29	66%	69%
AP Chemistry	5	0	0	0
AP Studio Art	6	6	100%	83%
AP French	14	6	43%	83%
AP Statistics	17	10	59%	100%
AP Physics 1	20	4	20%	100%
AP Engl Lit & Comp	20	17	85%	82%

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

AP Scores Overall



	5	4	3	2	1	Total
Number of Exams	29	42	57	21	1	150
Percentage Total	19%	28%	38%	14%	<1%	

84%	of AP students scored a 3 or higher
32	Palisades High School AP Scholars
17	AP Scholars (3 or higher on 3 or more exams)
9	AP Scholars w/Honors (at least a 3.25 on all exams and 3 or higher on 4 or more exams)
6	AP Scholars w/Distinction (avg. of at least 3.5 on all exams, and scores of 3 or higher on 5 or more exams)
36%	of 2015 PHS Seniors scored a 3 or higher on at least one AP exam

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. For More Information, see:

<http://goo.gl/RArHHu>

School Performance Profile (SPP)



Release of 2015 SPP Delayed

Last Two Years:

School	2013	2014
Palisades HS	91.8	88.6
Palisades MS	83.6	80.1
Durham Nockamixon ES	88.9	90.8
Springfield ES	74.3	83.5
Tinicum ES	92.0	91.6

College Readiness Indicators



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

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 2007- Class of 2013)

Graduation Year	Percent Enrolled
2007	79
2008	76
2009	74
2010	82
2011	77
2012	81
2013	70

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
2007	89
2008	91
2009	93
2010	92
2011	94
2012	92
2013	92

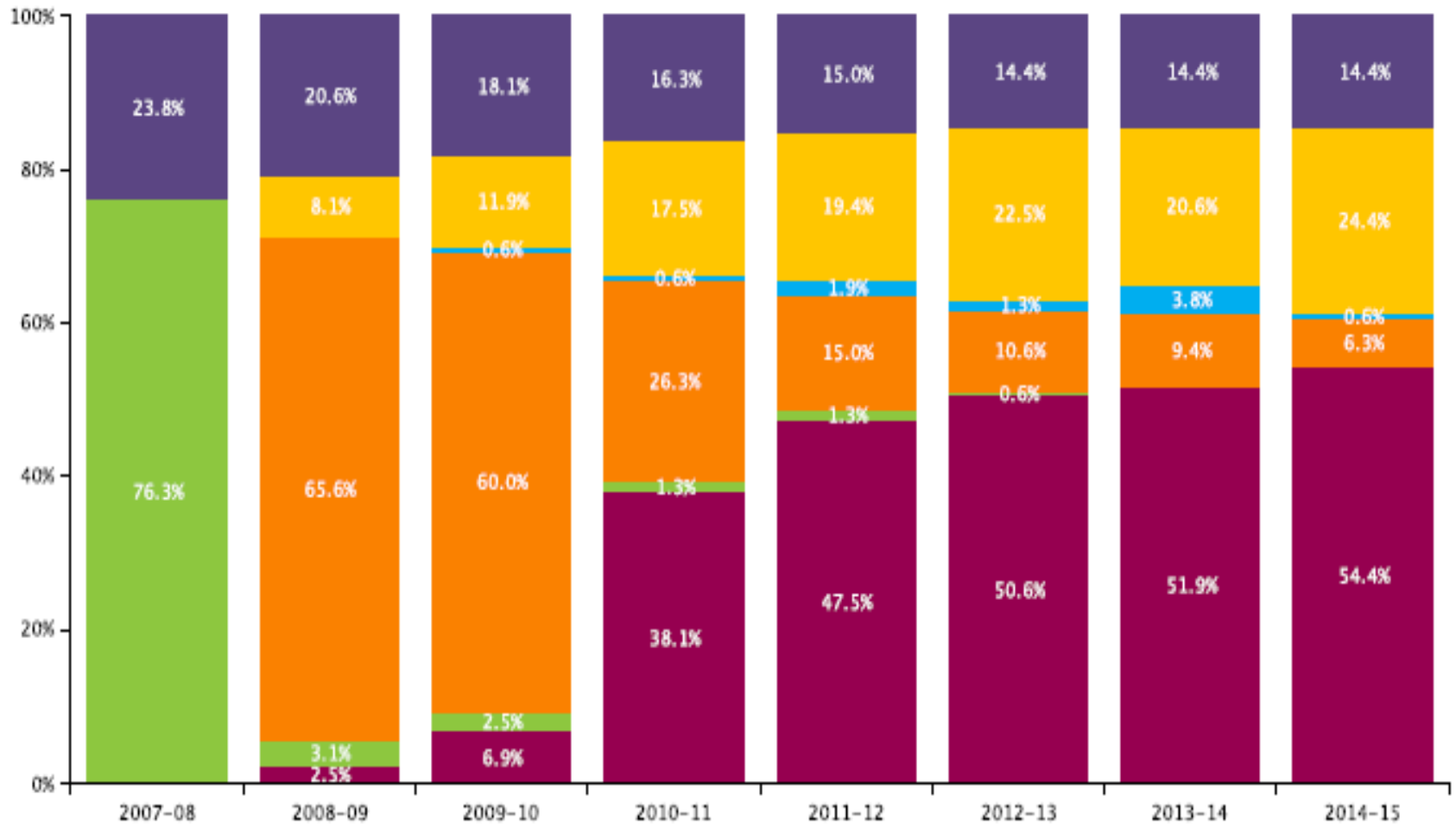
National Clearinghouse Data



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

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	Temple University	Public	4-year
5	Northampton Community College	Public	2-year
6	DeSales University	Private	4-year
7	West Chester University	Public	4-year
8	Bloomsburg University of PA	Public	4-year
9	Delaware Valley University	Private	4-year
10	University of Pittsburgh	Public	4-year

Class of 2007 Postsecondary Enrollment and Progress



■ Graduated

■ New to College

■ Retained

■ Returned After Stop Out

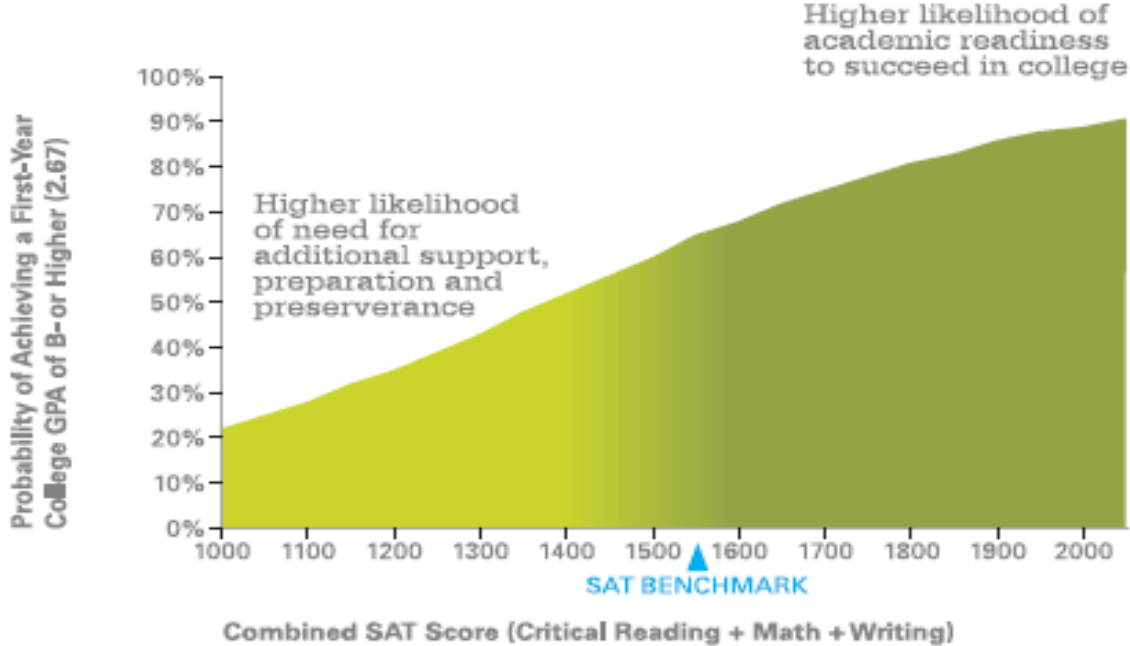
■ No Longer Enrolled & Not Graduated

■ Not in NSC to Date

SAT College Ready Benchmark (1550)

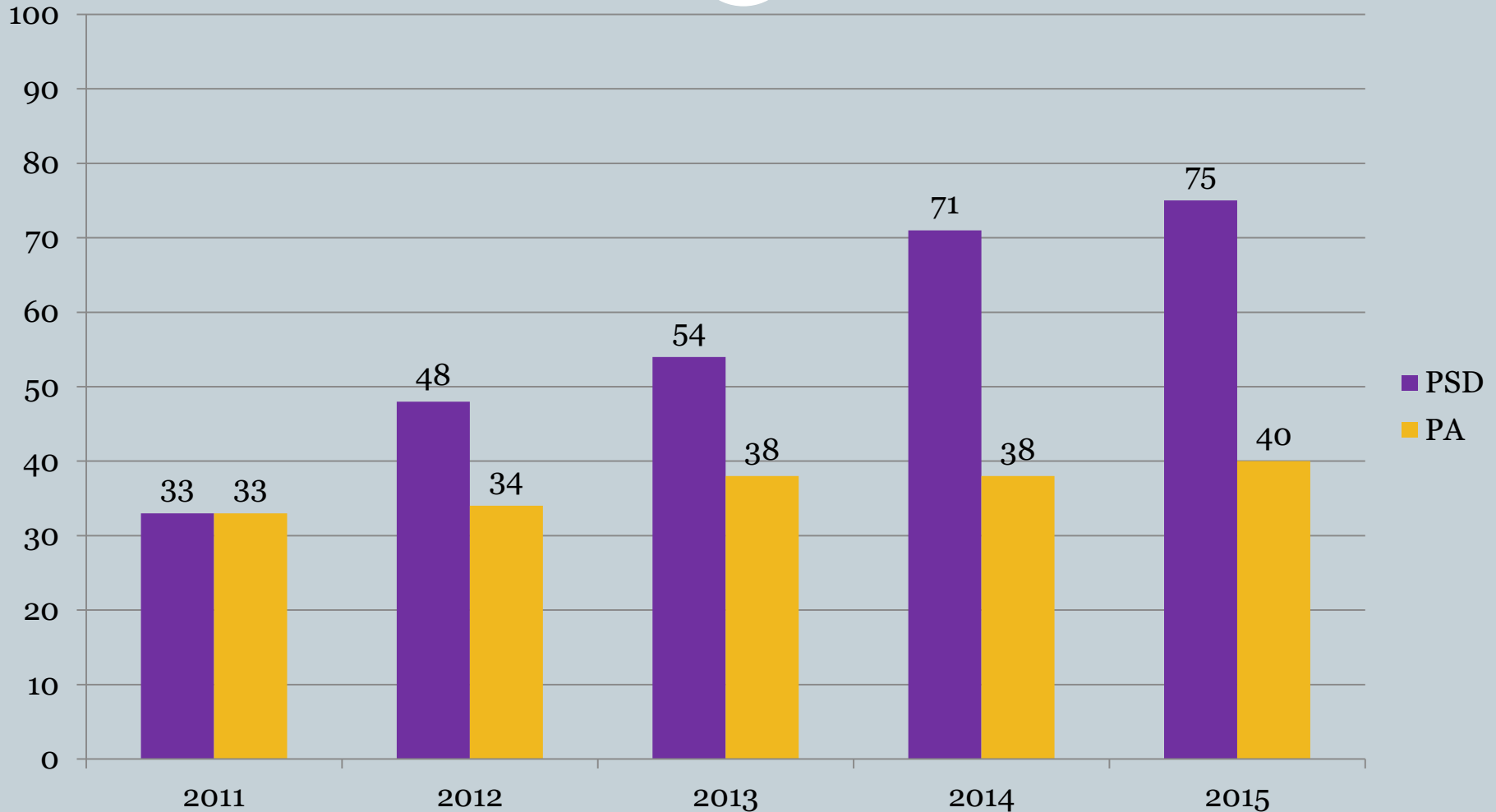


Continuum of College Readiness



Palisades SD	National Statistics
60%	42%

ACT College Readiness – All Four Benchmarks



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 growth indicators - PVAAS and MAP results – additional focus on grade levels and subjects where at least one year of growth is not occurring
 - Continue to raise awareness about and adjust curriculum and instruction to Keystone Exams at the HS and PA Core Standards at the Elementary & Middle Level