



Pittsburgh
Public Schools



The Pathway to the Promise.™

2010-11 School PSSA Results and District Summary

Pennsylvania System of School Assessment (PSSA)
Grades 3-8 and 11

Board Education Committee Meeting

August 15, 2011

Our goal is to get students **Promise Ready** and prepared for success after graduation.

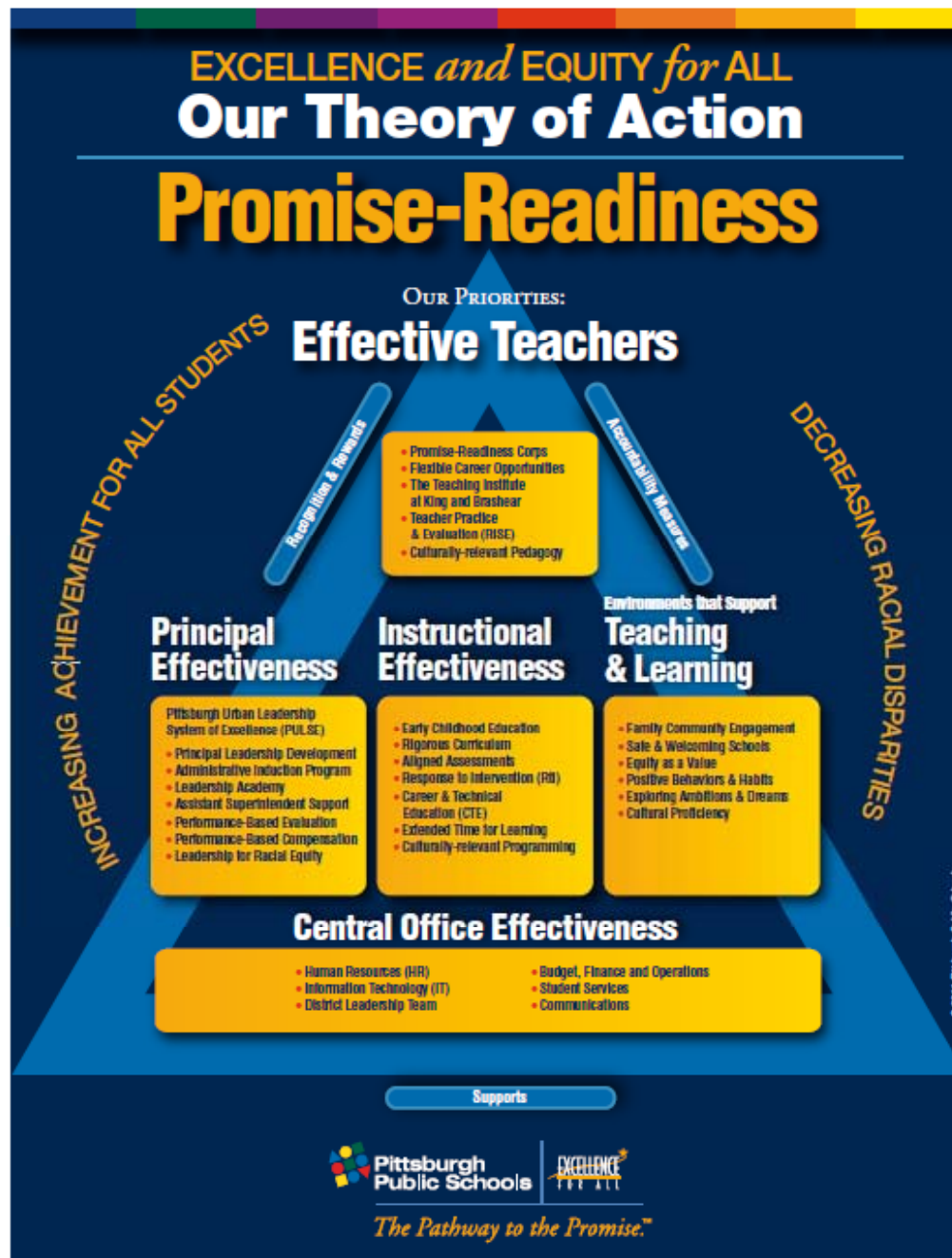
- **Promise Ready** means
 - Mastering academic content at each grade level starting in Kindergarten,
 - Developing behaviors and habits that are consistent with success in college or a career and
 - Exploring ambitions and dreams regarding life after high school.

Dream Big. Work Hard.

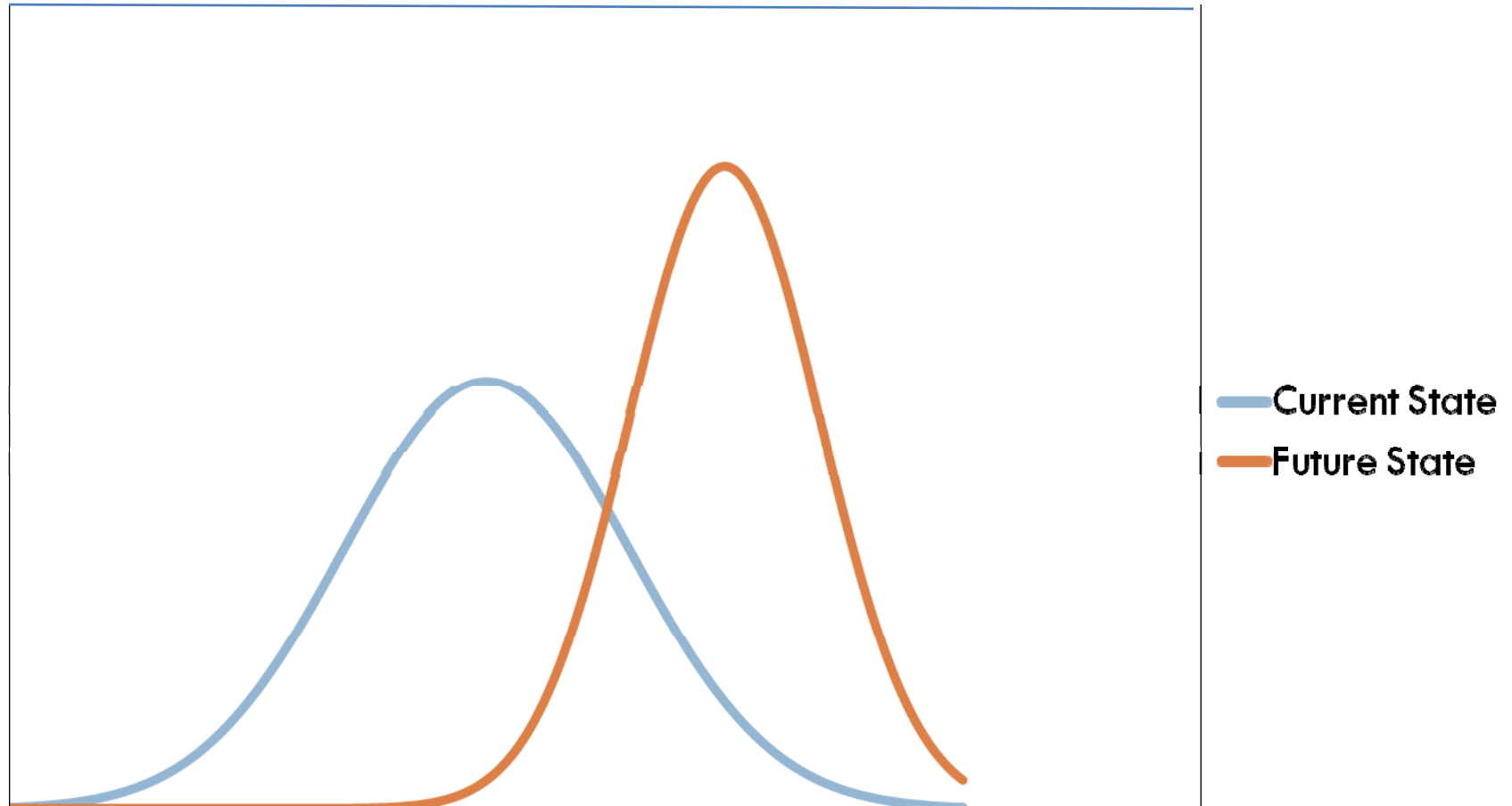
Of the 2,479 students in college on a Promise Scholarship

- 53% are Caucasian
- 41% are African American
- 73% chose a 4 year college or university
- 22% chose a 2-year community college
- 5% chose a trade or technical school or workforce certification

We will get students **Promise Ready by having an effective teacher in every classroom every day, surrounded by effective school and district leaders with the appropriate supports.**



Our multifaceted approach to increasing teacher effectiveness aims to move the distribution of teachers to the right of the current distribution.



**The PSSA provides one measure to tell us
if we are getting there and how quickly.**

Changes in PA Tests: A modified mathematics test for students who meet specific eligibility criteria was introduced in 2009-10 and a modified reading test in 2010-11.

- **PSSA**
 - Measures students' attainment of PA academic standards
 - Introduced 1998

- **PSSA-M**
 - For students with IEPs only
 - Same alignment to PA academic standards as PSSA
 - Reduced complexity and density of information
 - **Mathematics introduced 2009-10 & Reading 2010-11**

- **PASA**
 - Designed for students with the most significant cognitive disabilities
 - Assesses skills from the PA alternate standards which were derived from the PA academic standards
 - Introduced 2003-04

Tests are administered in grades 3-8 and 11 in Reading, Mathematics, Science and Writing.*

2010-11 Tests

Grade	Reading	Mathematics	Science	Writing
K				
1				
2				
3	✓, P	✓, P		
4	✓, M, P	✓, M, P	✓, M	
5	✓, M, P	✓, M, P		✓
6	✓, M, P	✓, M, P		
7	✓, M, P	✓, M, P		
8	✓, M, P	✓, M, P	✓, M	✓
9				
10				
11	✓, M, P	✓, M, P	✓, M	✓

✓ = PSSA
M = PSSA-M
P = PASA

*High school end-of-course exams, known as Keystone exams, are being phased in and will replace the grade 11 PSSA. Keystone exams will be graduation requirements beginning with the class of 2015.

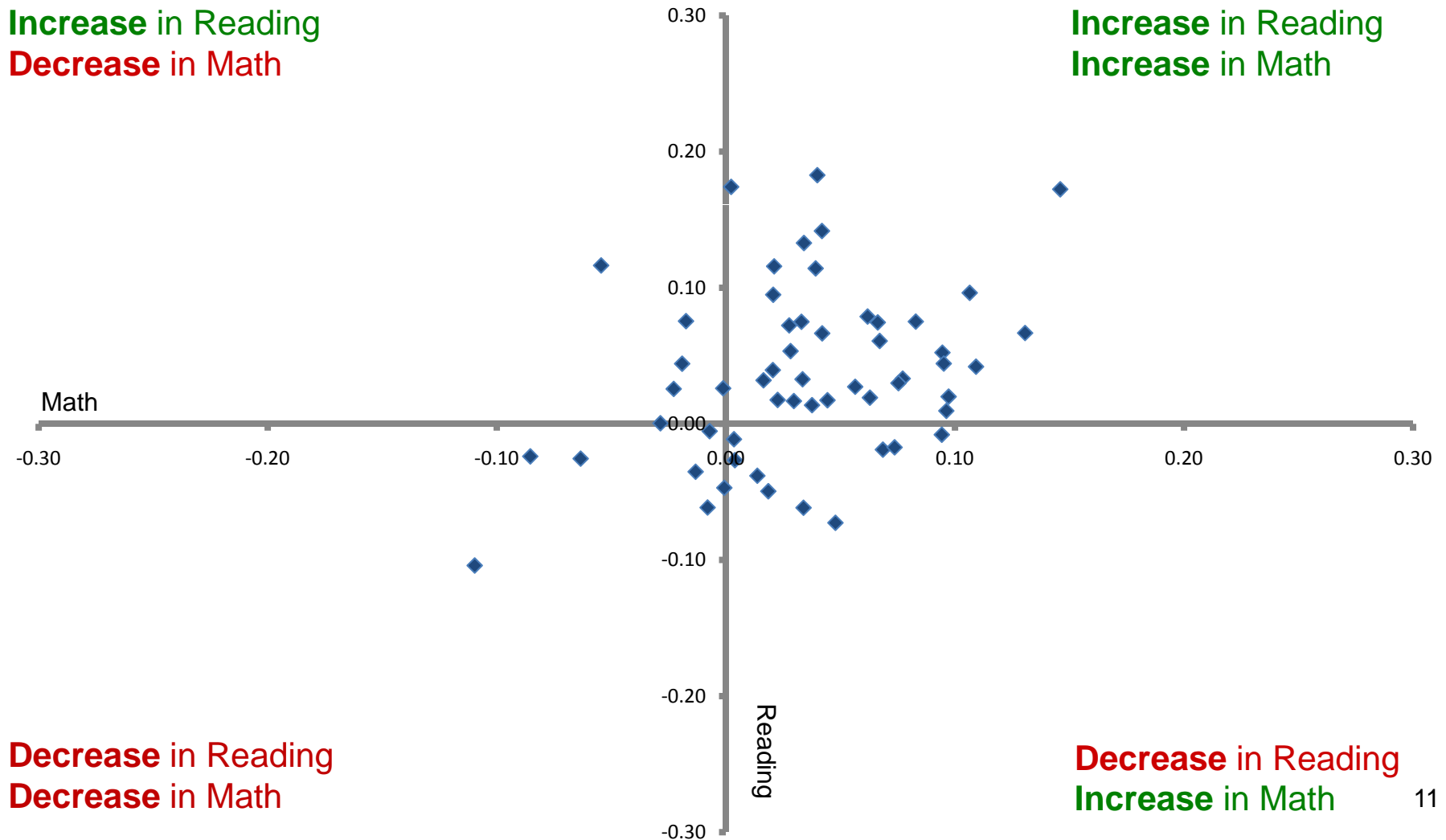
School PSSA* results

*Preliminary PSSA results exclude PSSA-M and PASA results for all years presented.

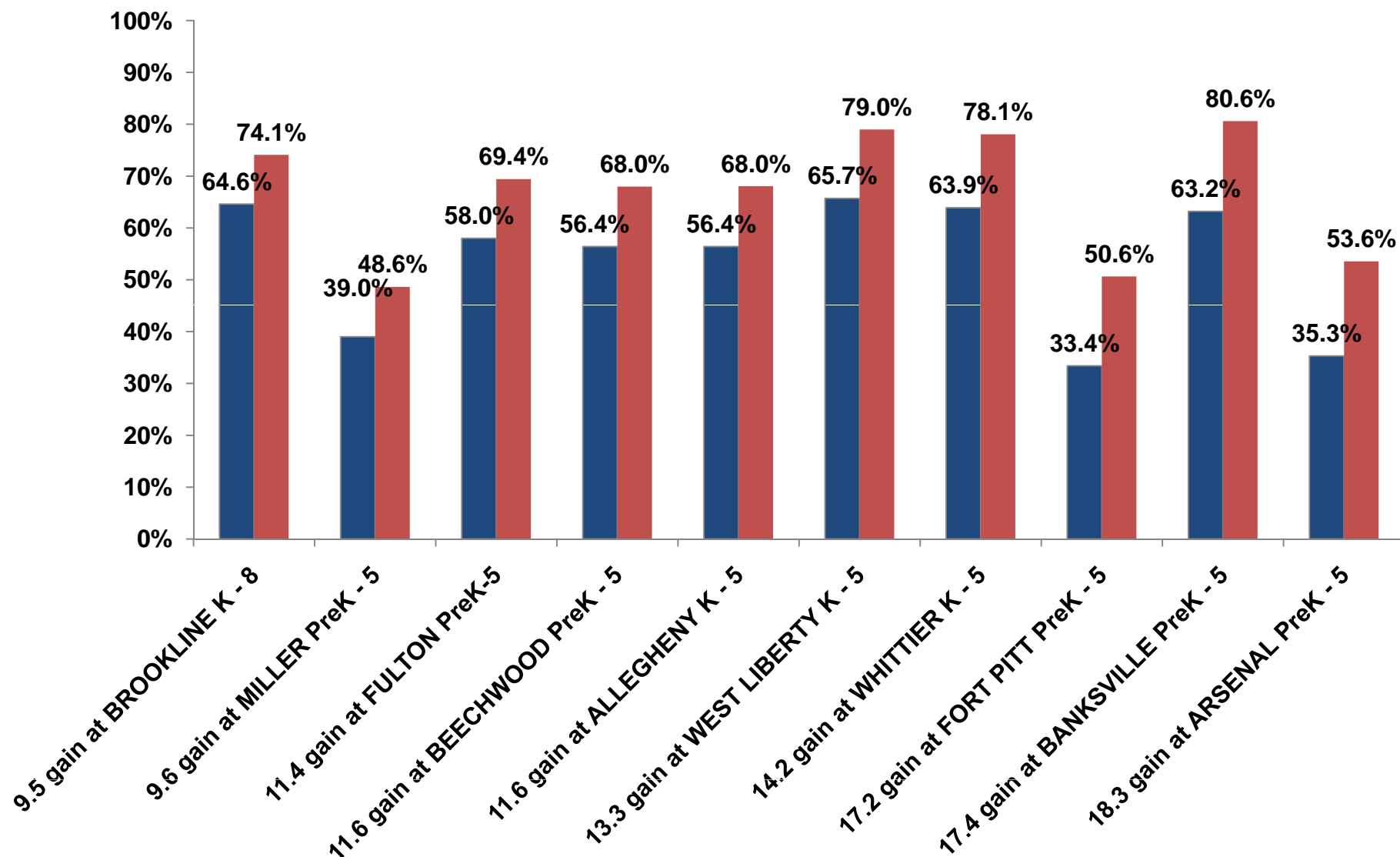
Change in Proficient/Advanced from 2010 to 2011:

The percent of students scoring Proficient or Advanced increased in 41 schools (71%) in Reading and 44 schools (77%) in Mathematics

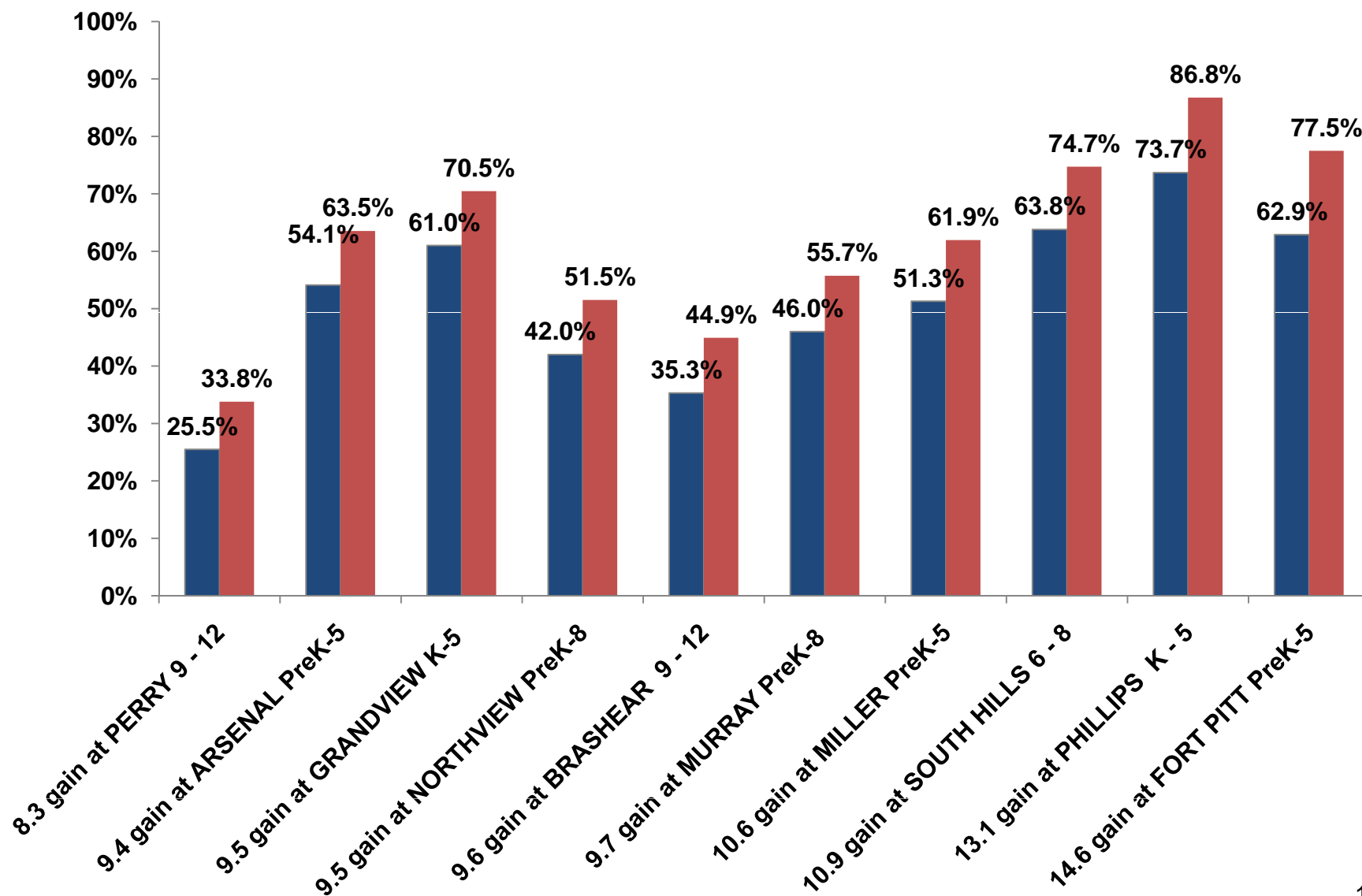
Increase in Reading
Decrease in Math



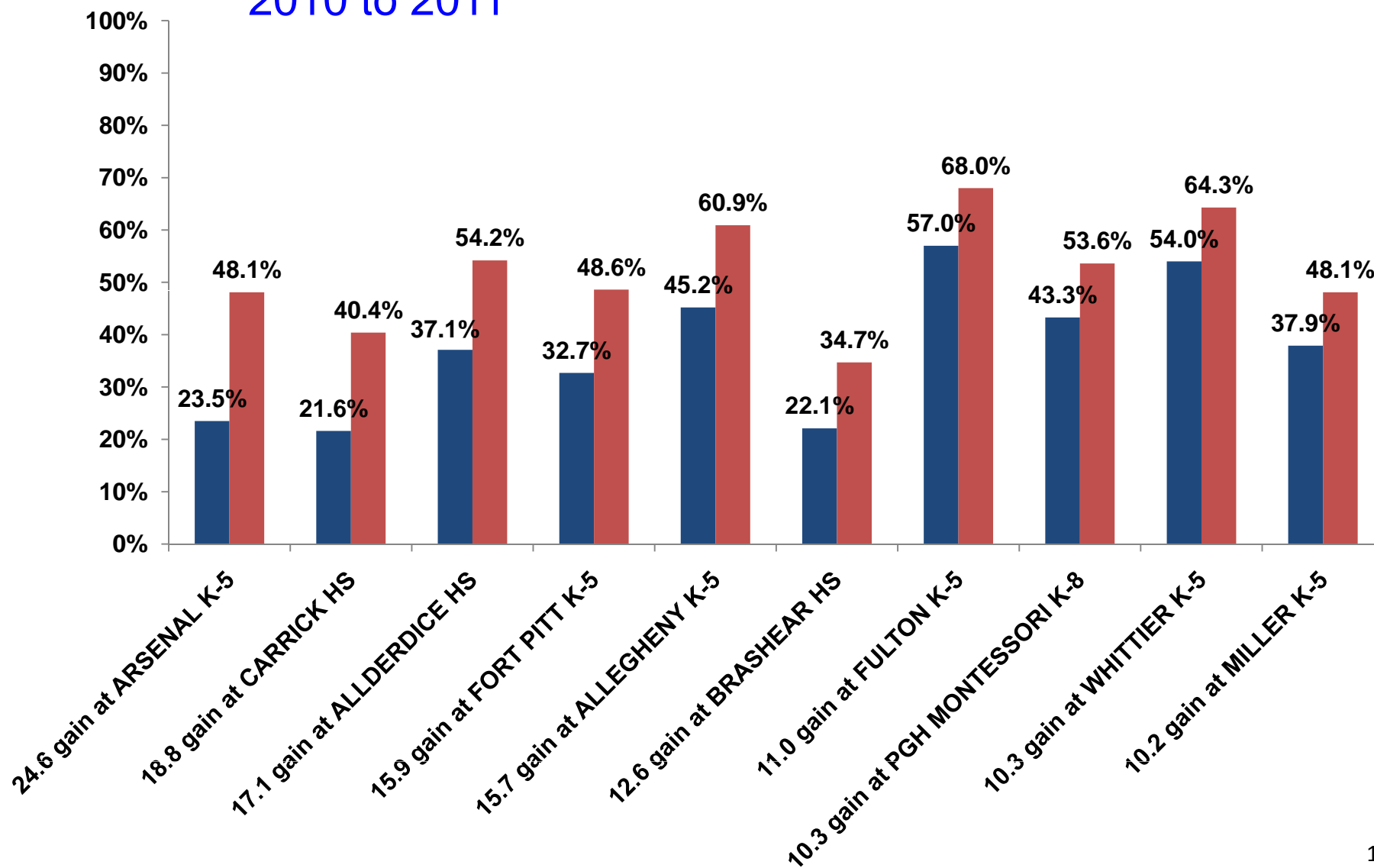
PSSA Reading Gains for All Students: 10 schools with the largest gains in performance from 2010 to 2011



PSSA Mathematics Gains for All Students: 10 schools with the largest gains in performance from 2010 to 2011

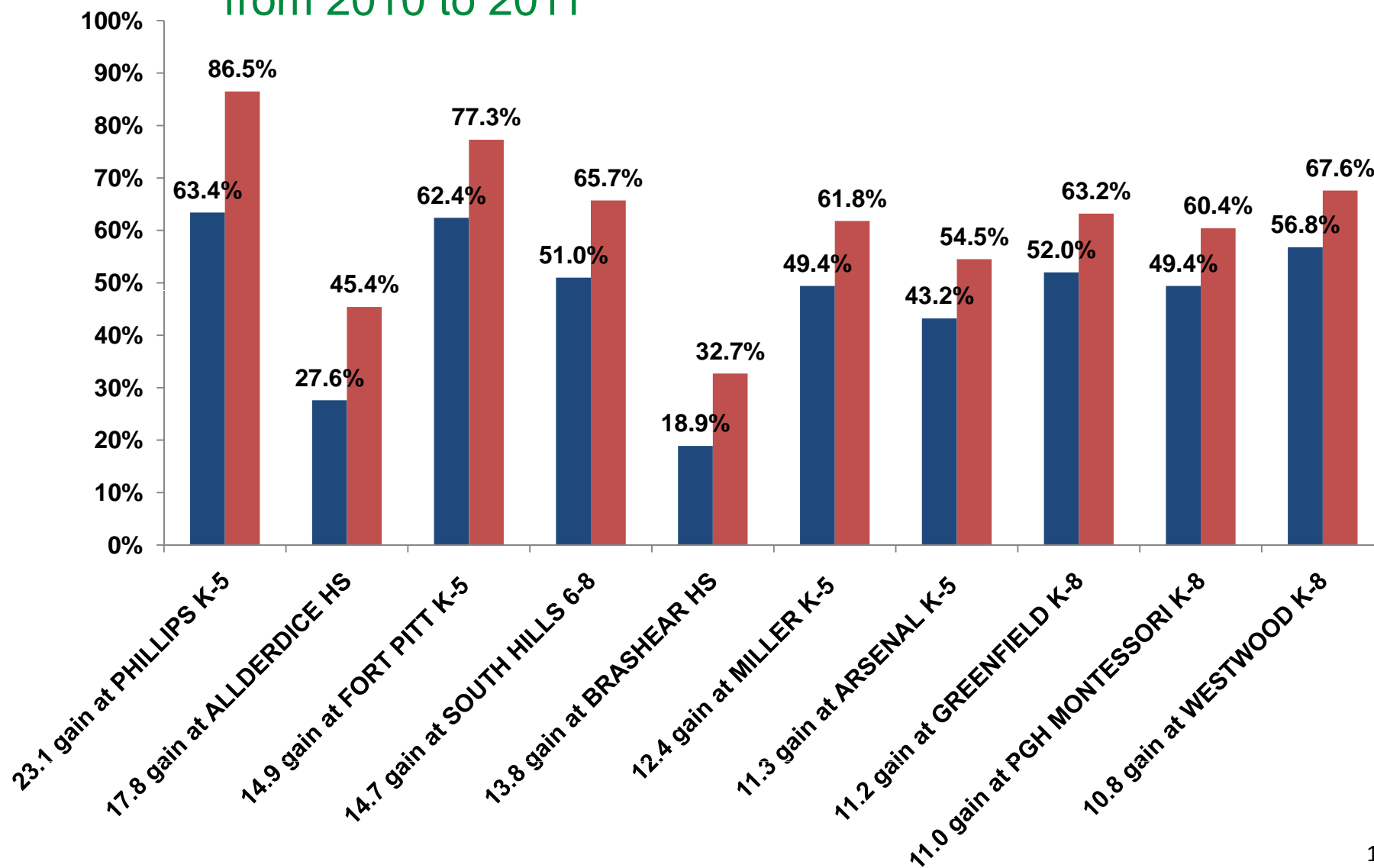


PSSA Reading Gains for African American Students: 10 schools with the largest gains in performance from 2010 to 2011



Only schools with 40 or more African-American students were included in this chart.

PSSA Mathematics Gains for African American Students: 10 Schools with the largest gains in performance from 2010 to 2011



Only schools with 40 or more African-American students were included in this chart.

K-5 Schools

PSSA* Results 2007-2011

Pittsburgh Allegheny K-5
Pittsburgh Arsenal PreK-5
Pittsburgh Banksville K-5
Pittsburgh Beechwood K-5
Pittsburgh Concord K-5
Pittsburgh Dilworth PreK-5
Pittsburgh Fort Pitt PreK-5
Pittsburgh Fulton PreK-5
Pittsburgh Grandview K-5
Pittsburgh Liberty K-5
Pittsburgh Linden K-5

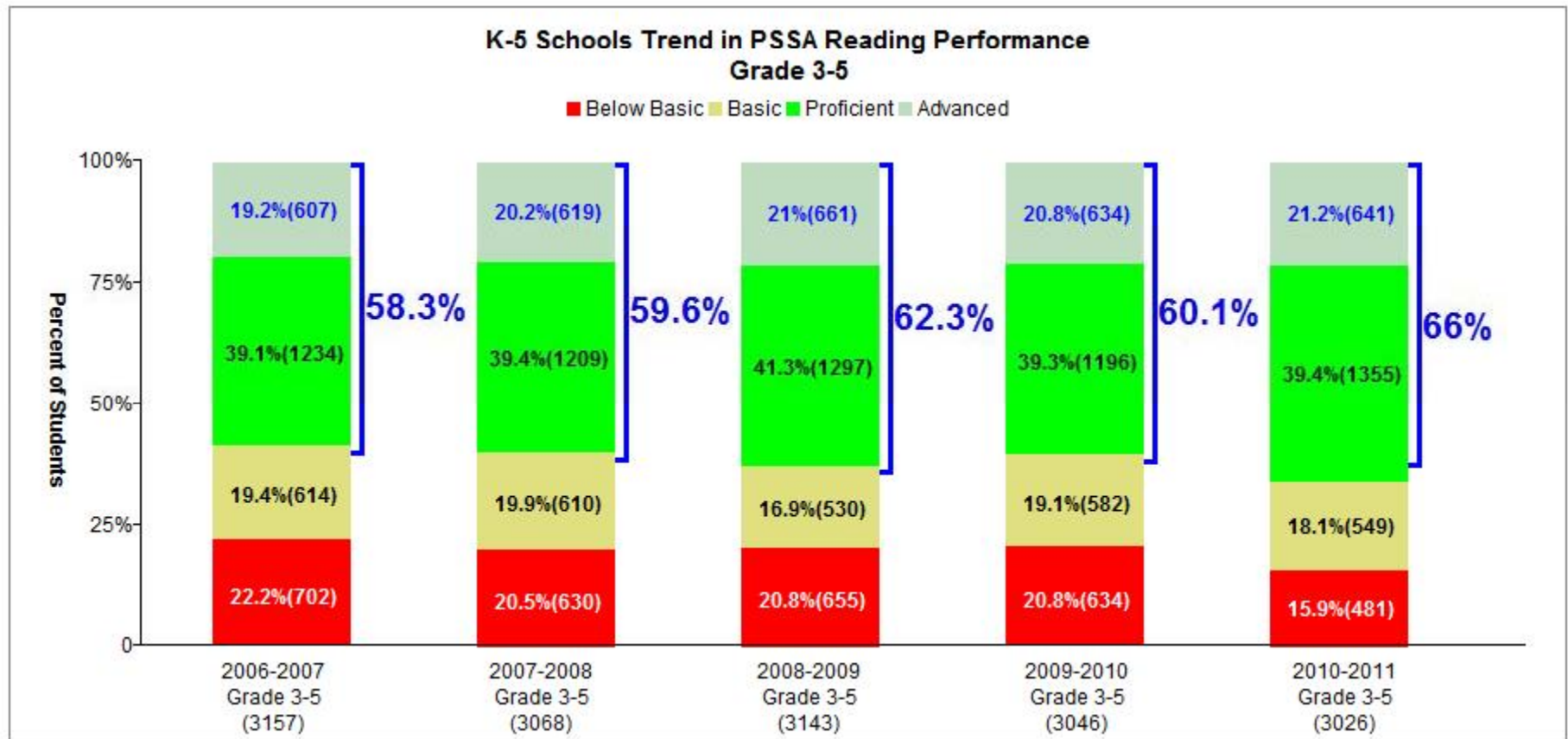
Pittsburgh Miller PreK-5**
Pittsburgh Minadeo PreK-5
Pittsburgh Morrow PreK-5
Pittsburgh Phillips K-5
Pittsburgh Roosevelt PreK-5
Pittsburgh Spring Hill K-5
Pittsburgh Weil PreK-5**
Pittsburgh West Liberty K-5
Pittsburgh Whittier K-5
Pittsburgh Woolslair K-5

*PSSA results exclude PSSA-M and PASA results for all years presented.

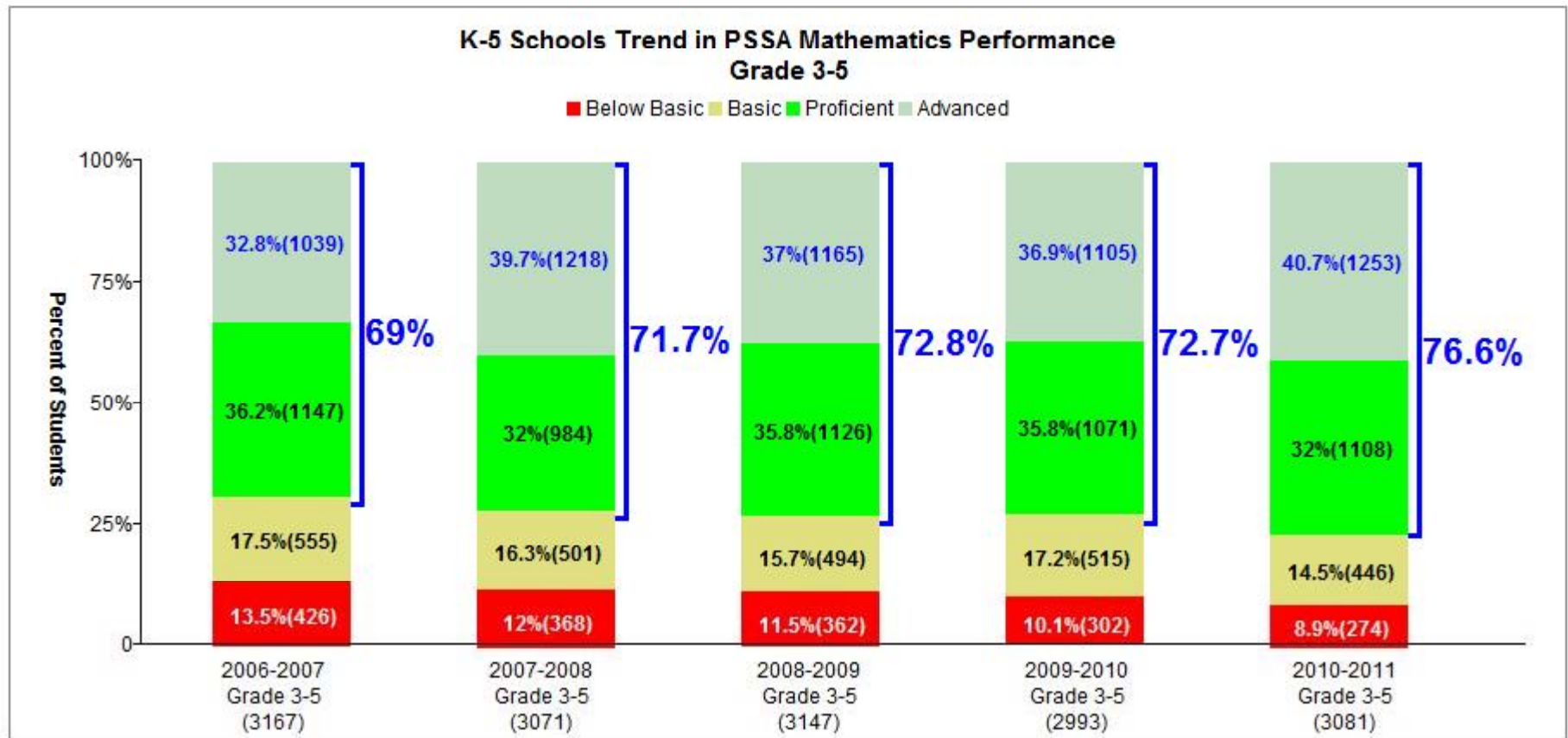
** Miller was reconfigured from K-8 to K-5 in 2009-10. Weil was reconfigured from K-8 to K-5 in 2010-11. Grades 6-8 from prior years were not included in any calculations.

K-5 Schools Reading Proficiency: Increased 5.9 points (9.8%) from 2010 and 7.7 points (13%) since 2007.

Below Basic: Decreased 4.9 points (24%) from 2010 and 6.3 points (28%) since 2007.



K-5 Schools Mathematics Proficiency: Increased 3.9 points (5.4%) from 2010 and 7.6 points (11%) since 2007.
Advanced: Increased 3.8 points (10.3%) from 2010 and 7.9 points (24%) since 2007.



K-8 Schools

PSSA* Results 2007-2011

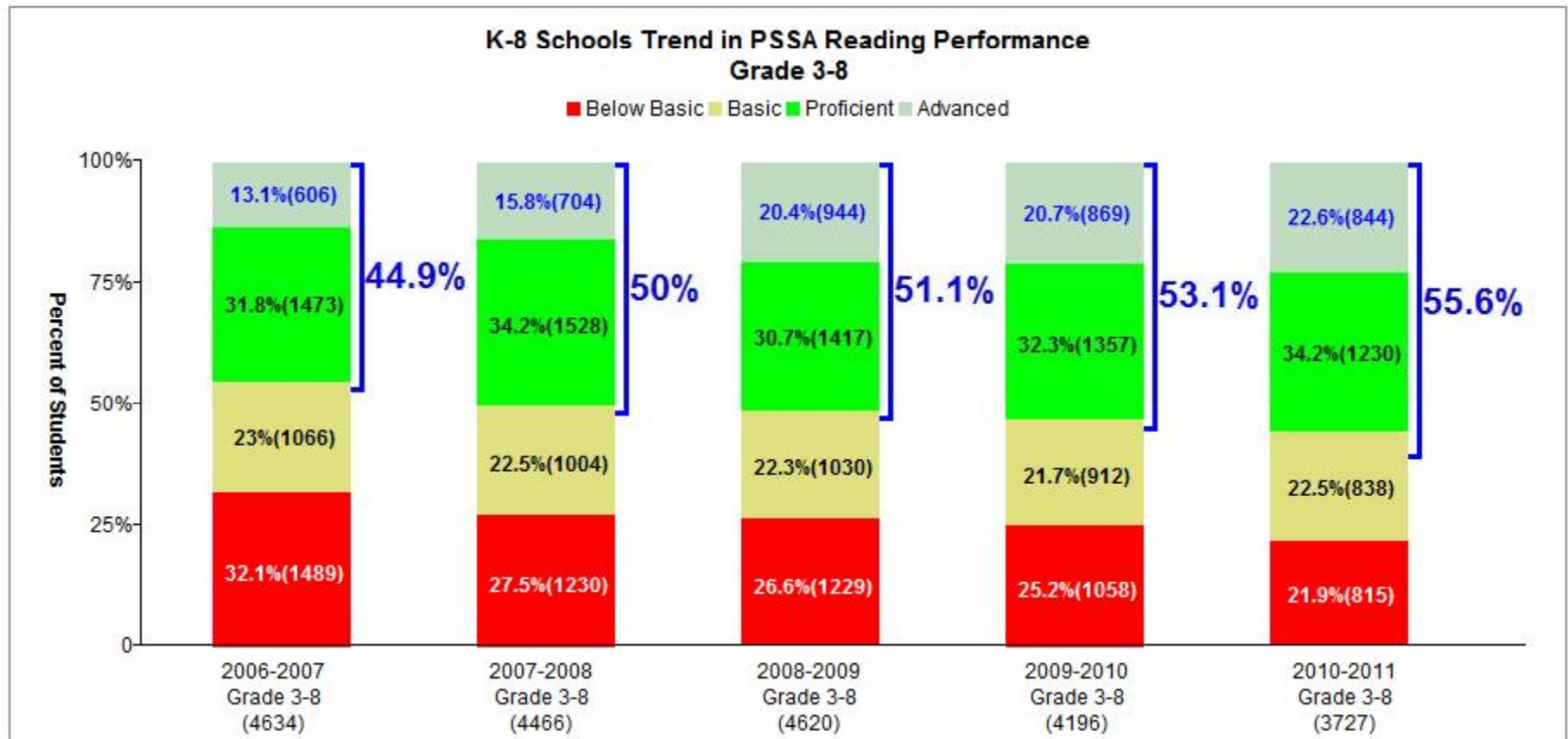
Pittsburgh Arlington PreK-8
Pittsburgh Brookline K-8
Pittsburgh Carmalt PreK-8
Pittsburgh Colfax K-8
Pittsburgh Faison K-8
Pittsburgh Greenfield K-8
Pittsburgh Lincoln K-8
Pittsburgh King PreK-8
Pittsburgh Manchester PreK-8

Pittsburgh Mifflin PreK-8
Pittsburgh Montessori PreK-8
Pittsburgh Murray K-8
Pittsburgh Northview PreK-8**
Pittsburgh Schaeffer K-8
Pittsburgh Stevens K-8
Pittsburgh Sunnyside K-8
Pittsburgh Westwood K-8

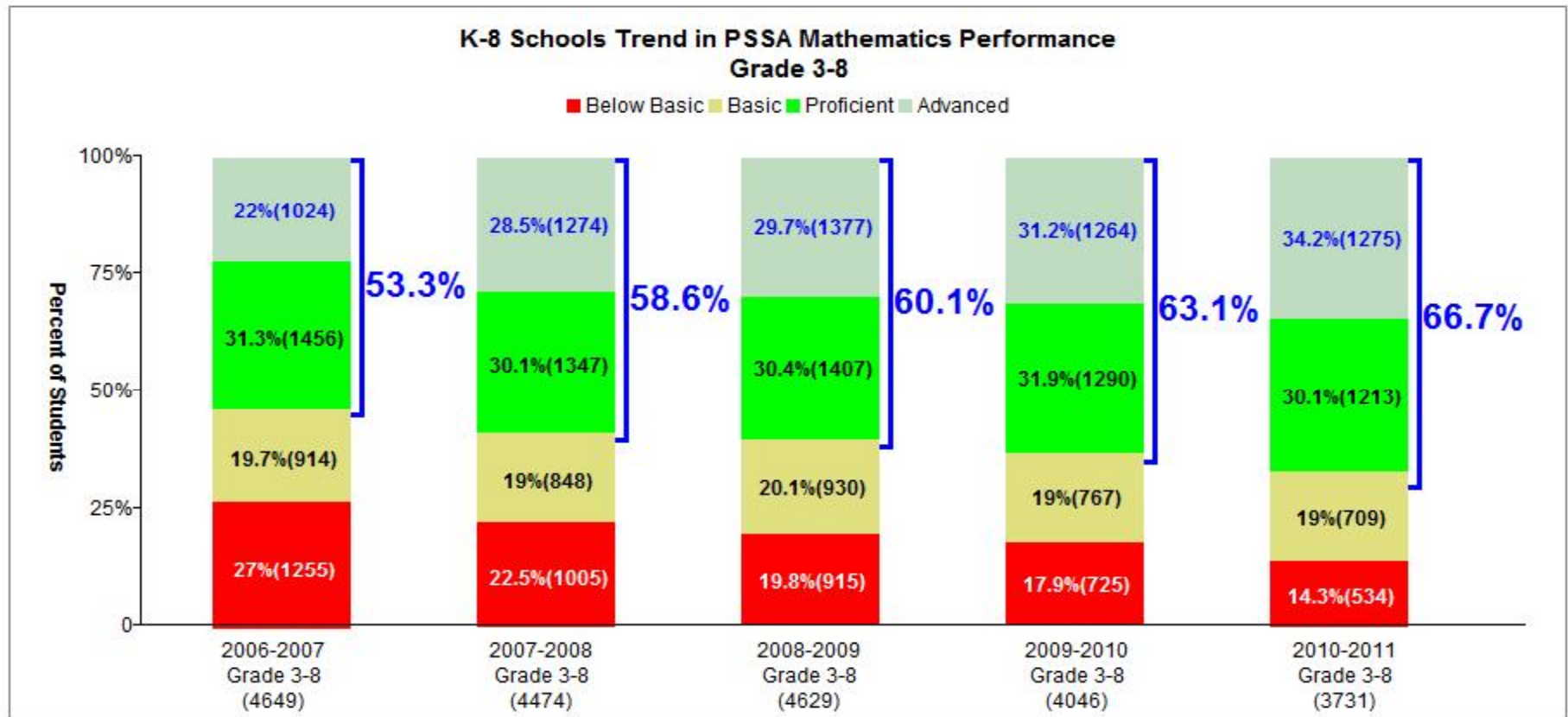
*PSSA results exclude PSSA-M and PASA results for all years presented.

**Northview was reconfigured from K-5 to K-8 in 2010-11, therefore; prior year calculations do not include grades 6-8 for Northview.

K-8 Schools Reading Proficiency: Increased 2.5 points (5%) from 2010 and 10.7 points (24%) since 2007. **Below Basic:** Decreased 3.3 points (13%) from 2010 and 10.2 points (32%) since 2007.



K-8 Schools Mathematics Proficiency: Increased 3.6 points (5.7%) from 2010 and 13.4 points (25%) since 2007. **Advanced:** Increased 3 points (9.6%) from 2010 and 12.2 points (55%) since 2007.



6-8 Schools

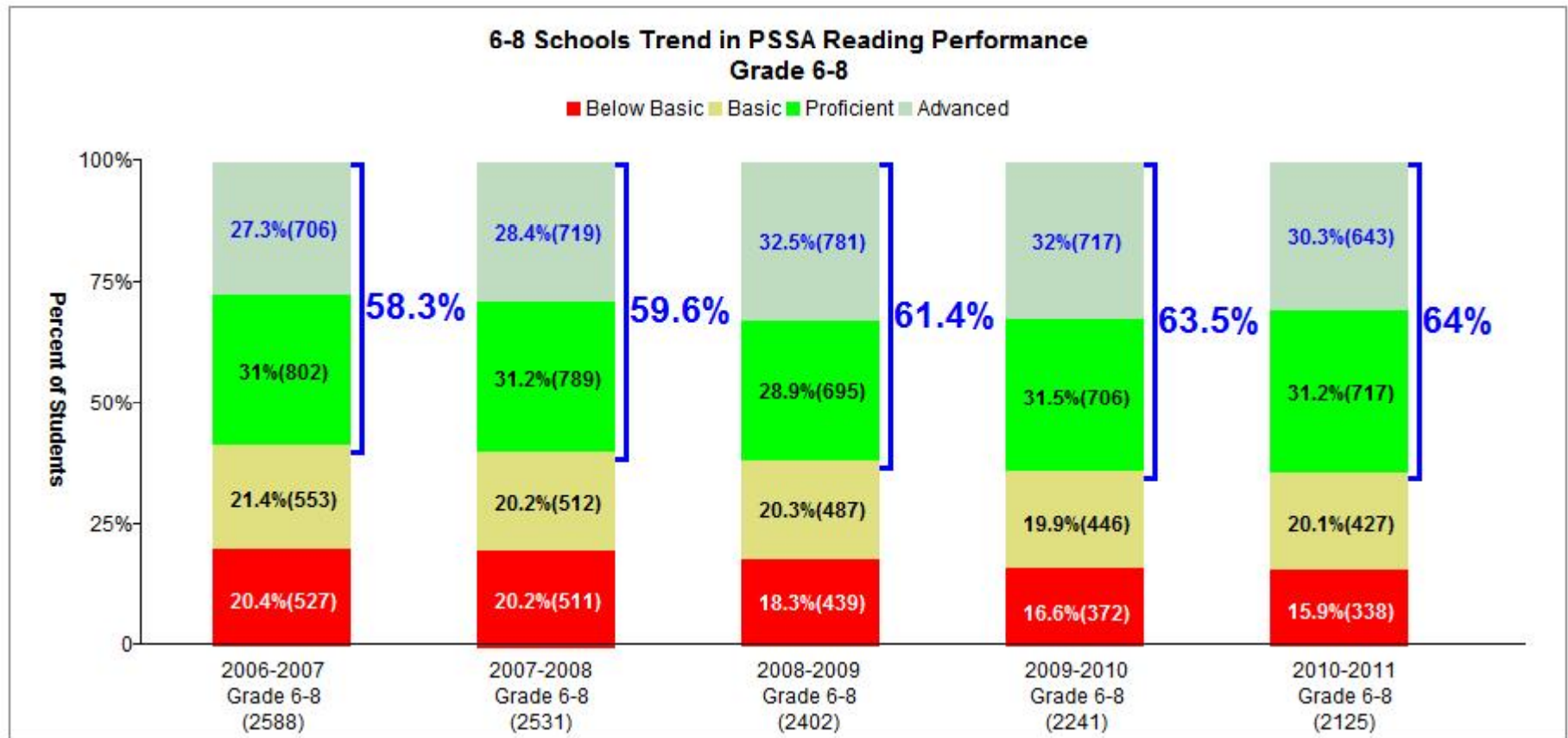
PSSA* Results 2007-2011

Pittsburgh Allegheny 6-8
Pittsburgh Arsenal 6-8
Pittsburgh Classical 6-8
Pittsburgh Schiller 6-8

Pittsburgh South Brook 6-8
Pittsburgh South Hills 6-8
Pittsburgh Sterrett 6-8

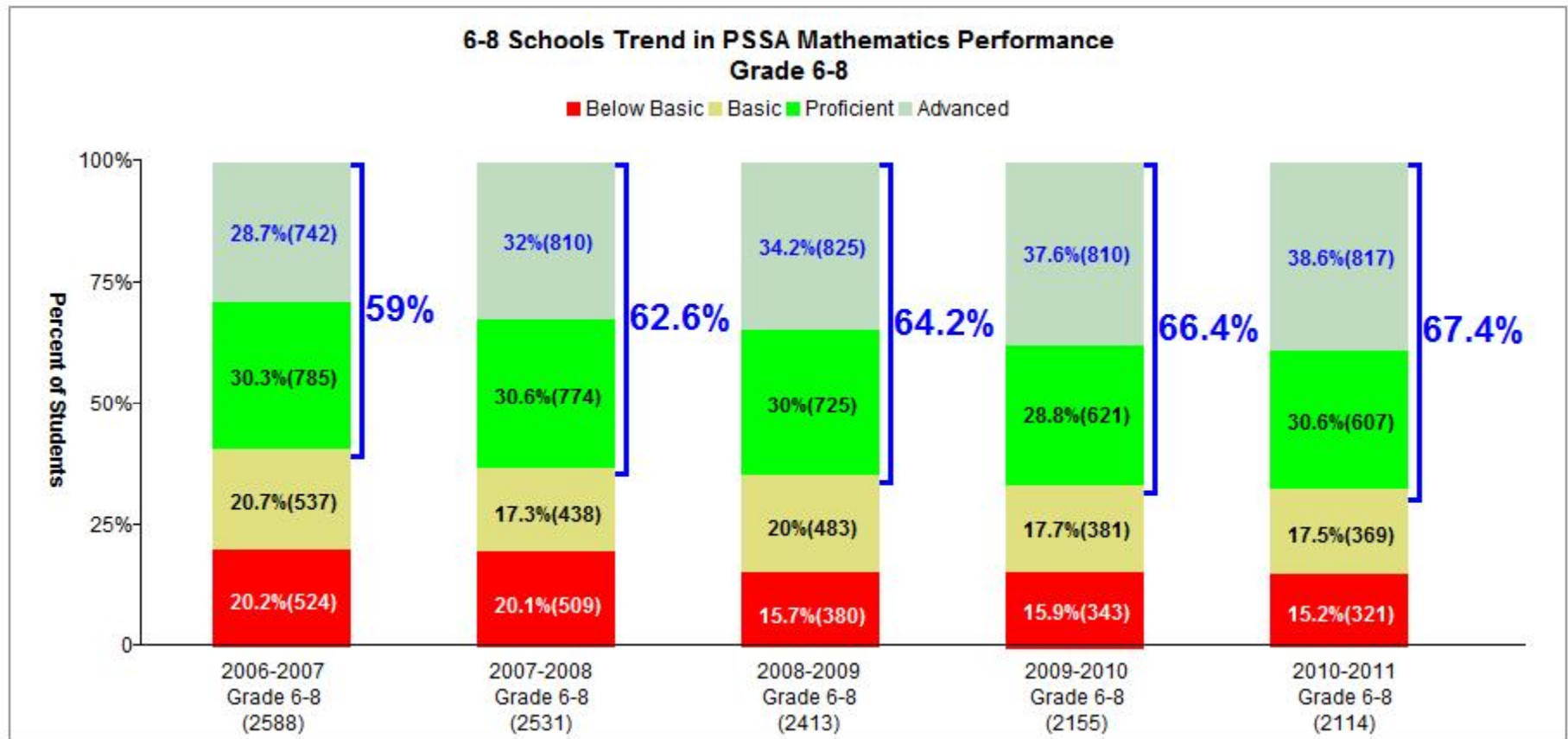
*PSSA results exclude PSSA-M and PASA results for all years presented.

6-8 Schools Reading Proficiency: Increased .5 points (.8%) from 2010 and 5.7 points (9.8%) since 2007. **Below Basic:** Decreased .7 points (4%) from 2010 and 4.5 points (22%) since 2007.



6-8 Schools Mathematics Proficiency: Increased 1 point (1.5%) from 2010 and 8.4 points (14%) since 2007.

Advanced: Increased 1 point (2.7%) from 2010 and 9.9 points (34%) since 2007.



9-12 Schools

PSSA* Results 2007-2011

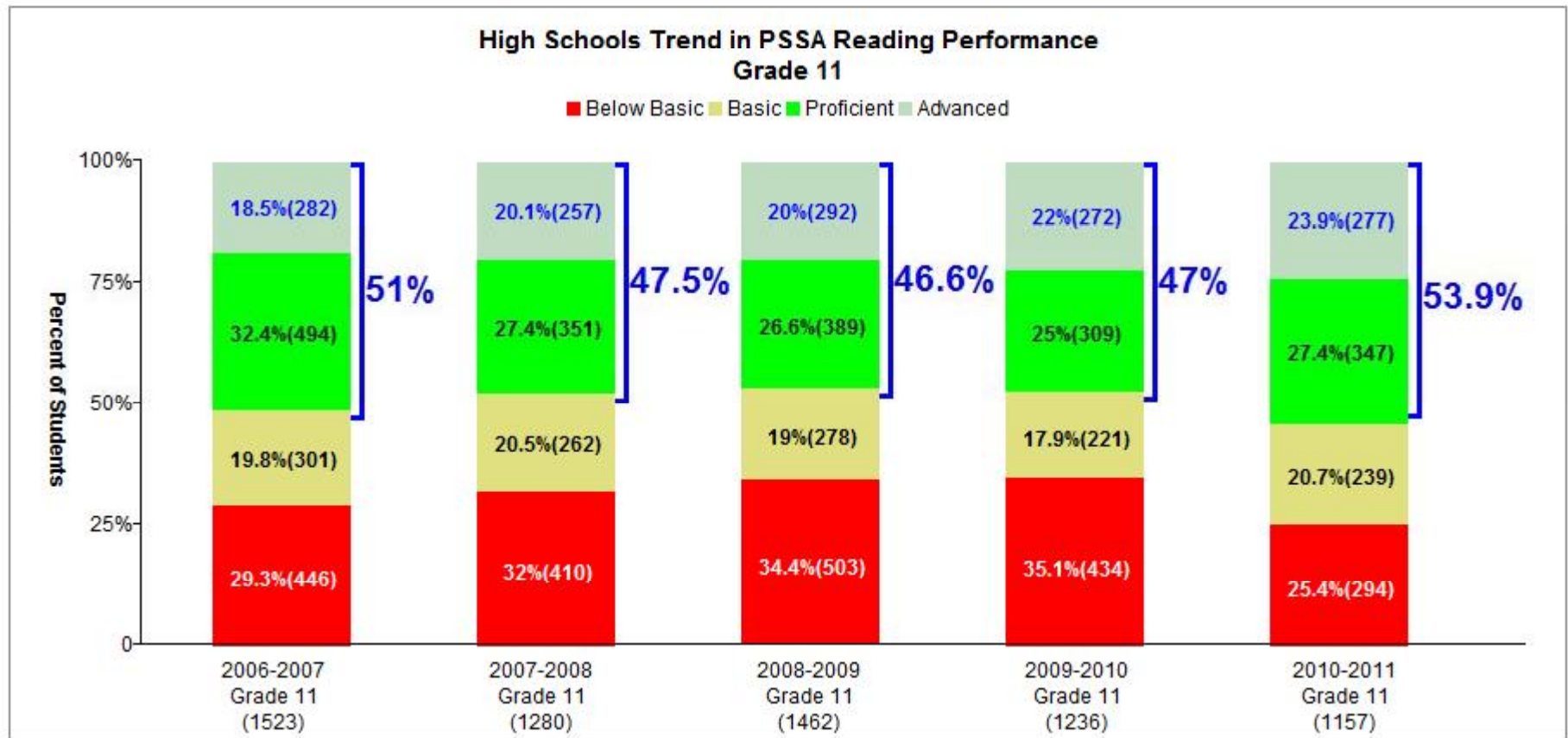
Pittsburgh Alderdice High School
Pittsburgh Brashear High School
Pittsburgh Carrick High School
Pittsburgh Langley High School

Pittsburgh Oliver High School
Pittsburgh Peabody High School
Pittsburgh Perry High School
Pittsburgh Westinghouse High School

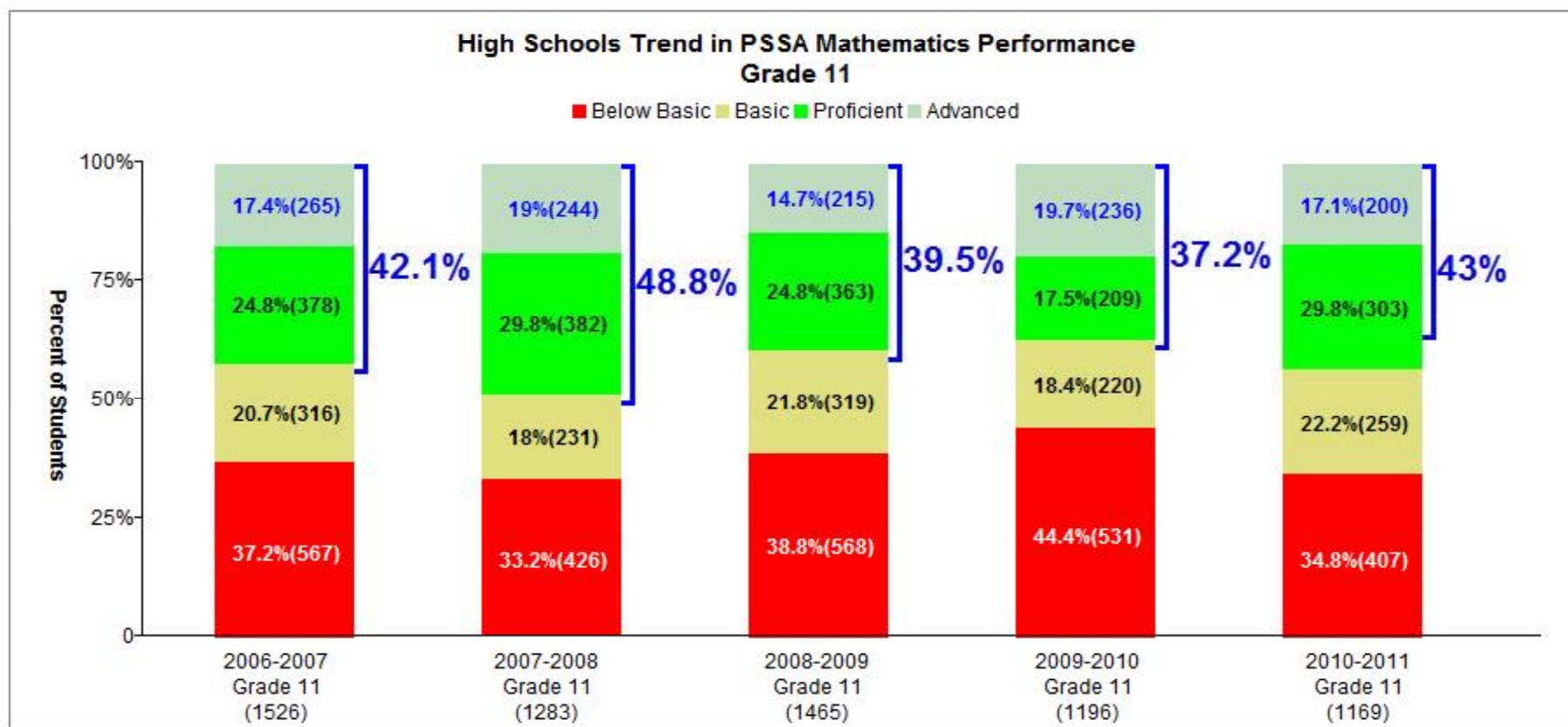
*PSSA results exclude PSSA-M and PASA results for all years presented.

9-12 Schools Reading Proficiency: Increased 6.9 points (14.7%) from 2010 and 2.9 points (5.7%) since 2007.

Below Basic: Decreased 9.7 points (27.6%) from 2010 and 3.9 points (13.3%) since 2007.



9-12 Schools Mathematics Proficiency: Increased 5.8 points (15.6%) from 2010 and .9 points (2%) since 2007.
Below Basic: Decreased 9.6 points (21.6%) from 2010 and 2.4 points (6.5%) since 2007.



6-12 Schools

PSSA* Results 2010-2011

Pittsburgh CAPA 6-12 (Opened 2009-10)

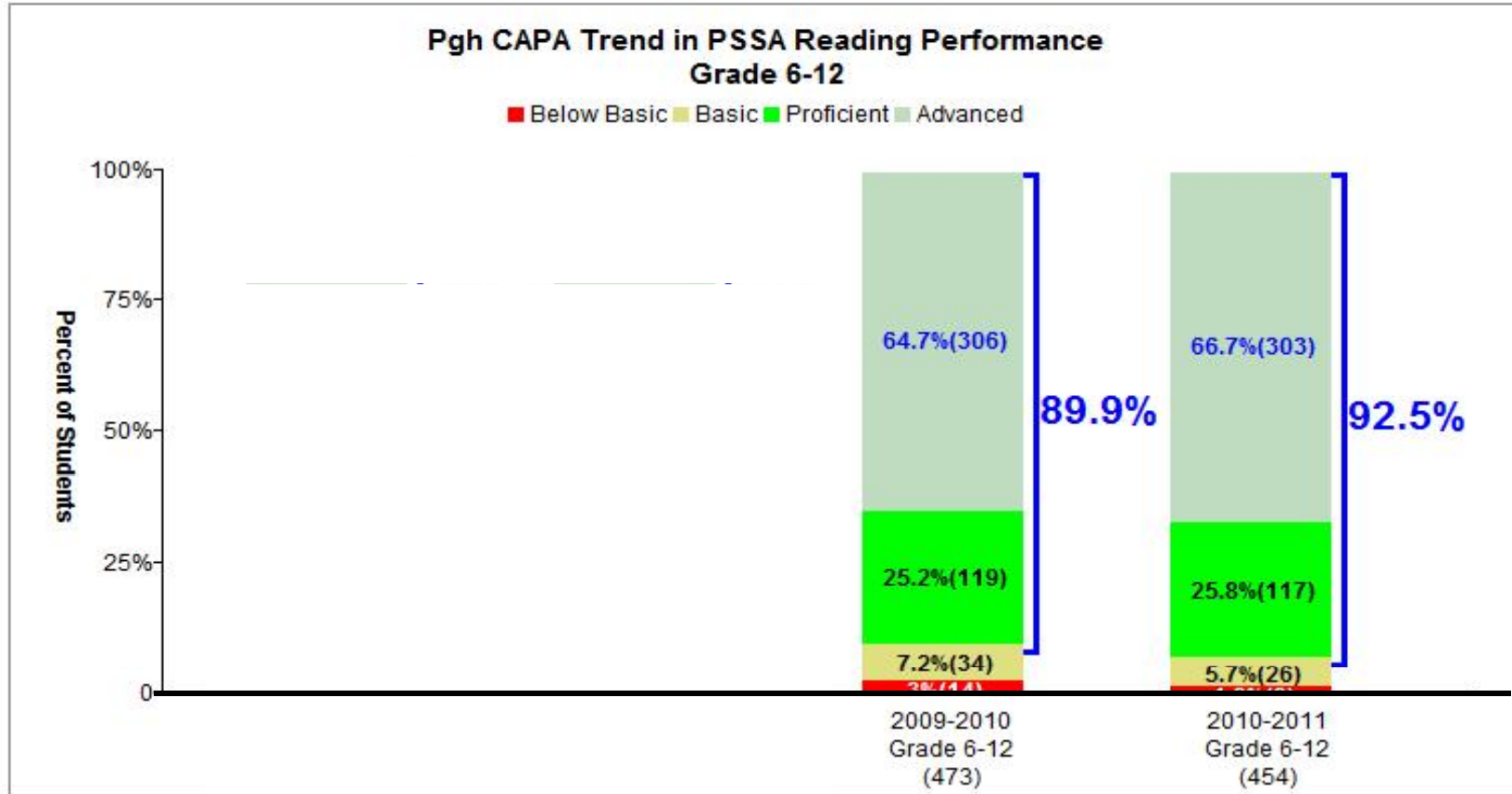
Pittsburgh Milliones 6-12 (Opened 2008-09)

Pittsburgh Obama 6-12 (Opened 2009-10)

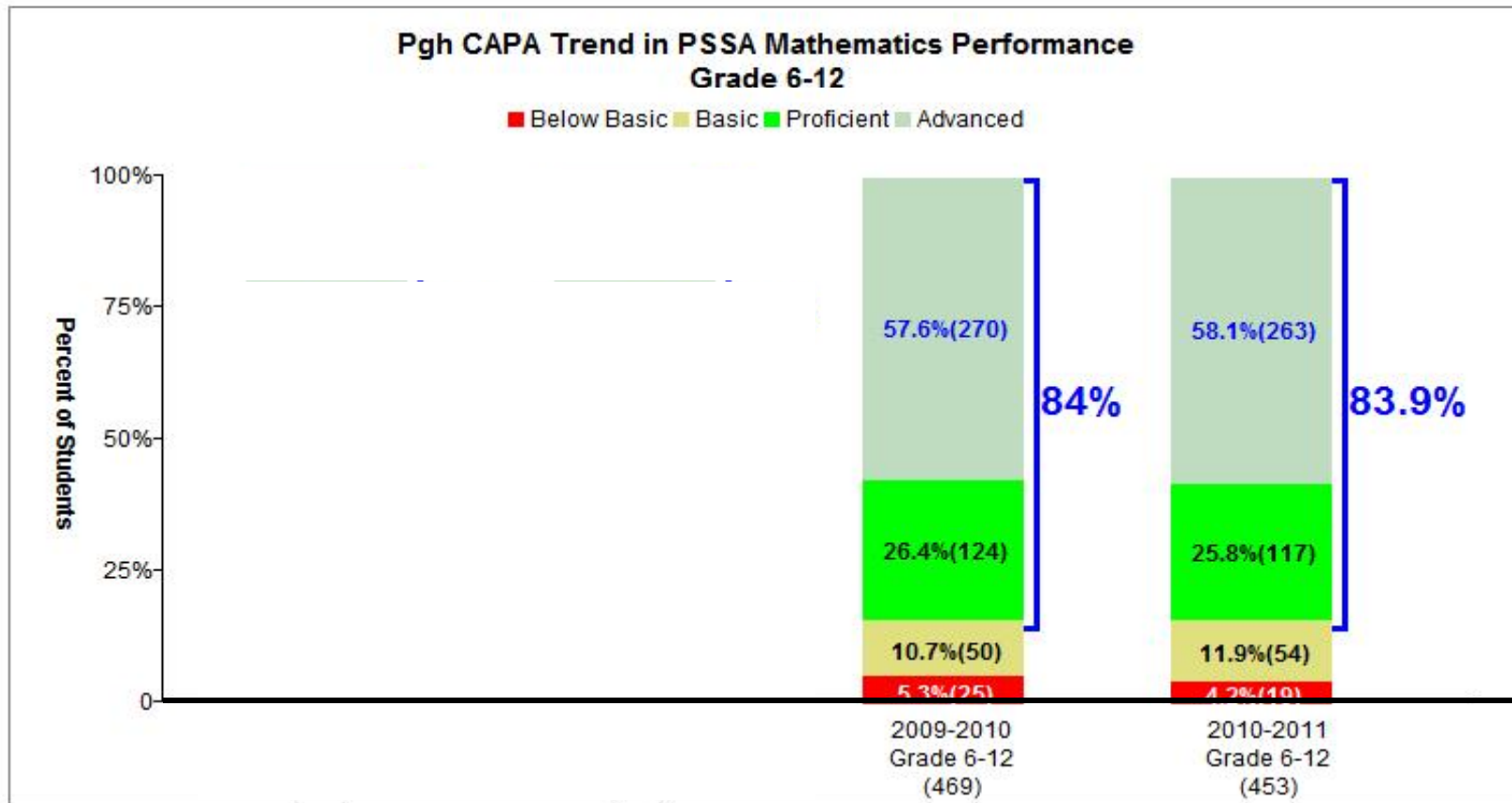
Pittsburgh Science & Technology Academy 6-12 (Opened 2009-10)

*PSSA results exclude PSSA-M and PASA results for all years presented.

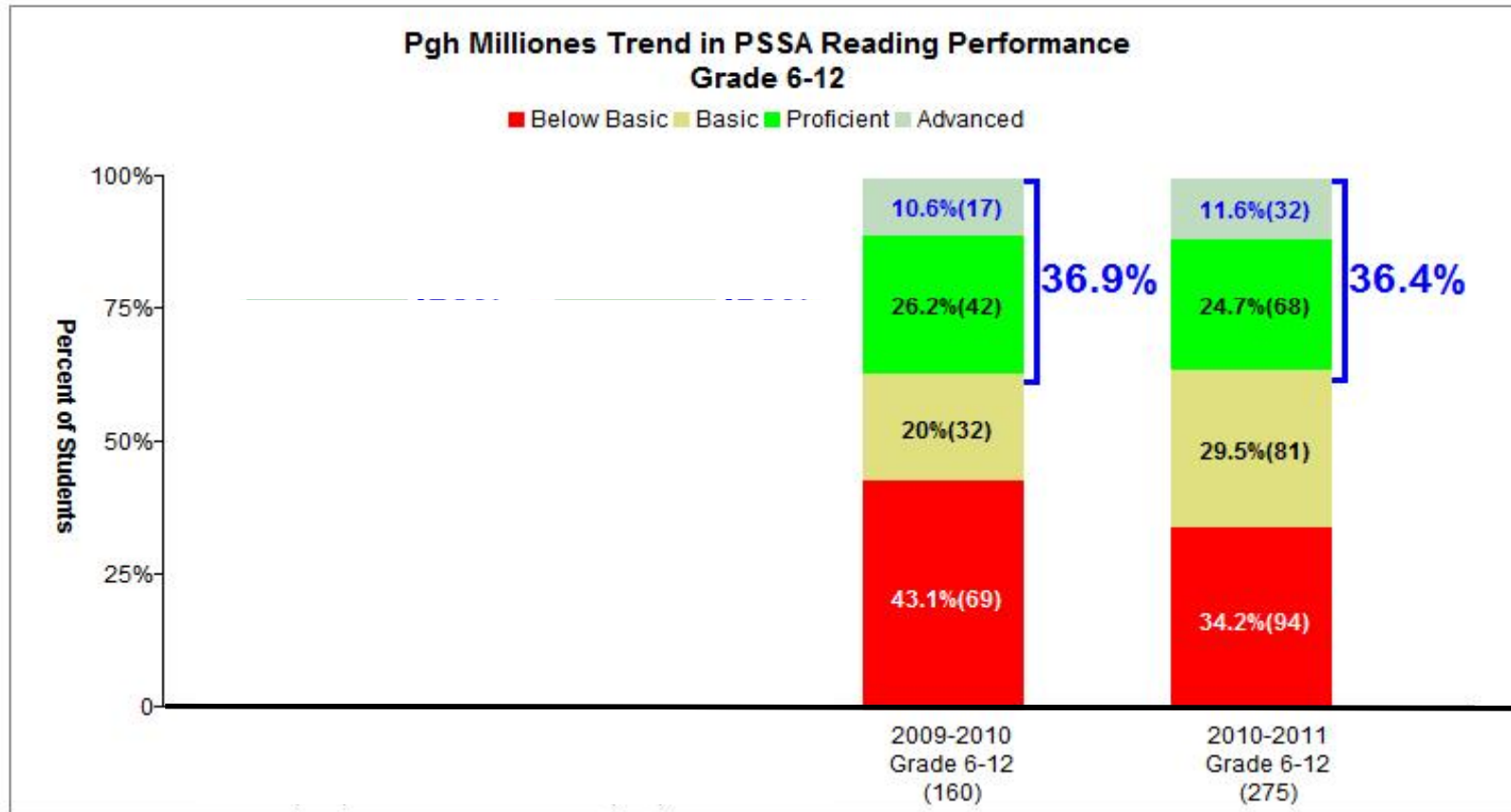
Pittsburgh CAPA Reading Proficiency: Increased 2.6 points (2.9%) from 2010. **Advanced: Increased 2 points (3.1%) from 2010.**



Pittsburgh CAPA Mathematics Proficiency: Decreased .1 points (.1 %) from 2010. **Advanced:** Increased .5 points (.9%) from 2010

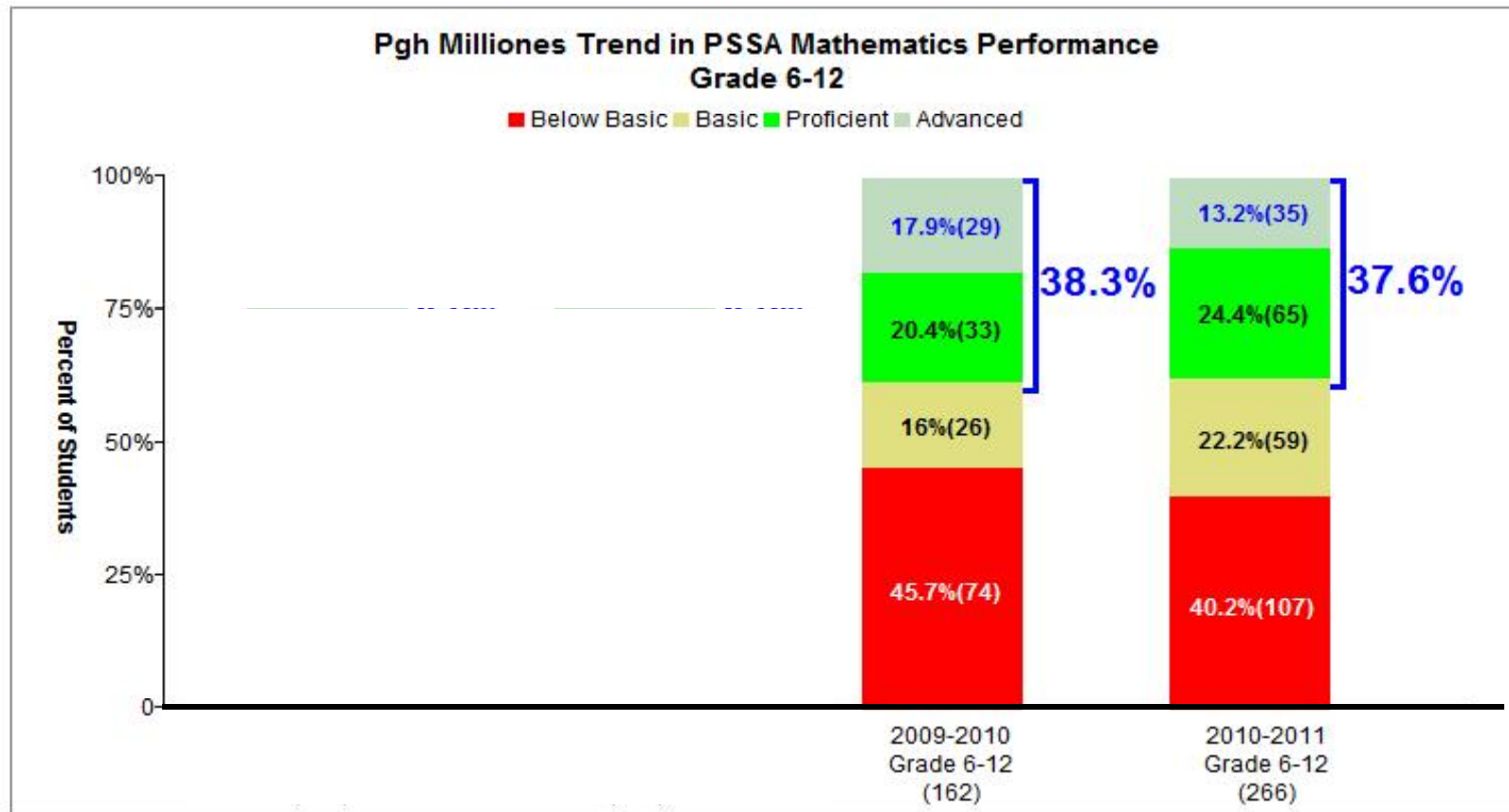


Pittsburgh Millions Reading Proficiency: Decreased .5 points (.1%) from 2010. Below Basic: Decreased 8.9 points (20.6%) from 2010.

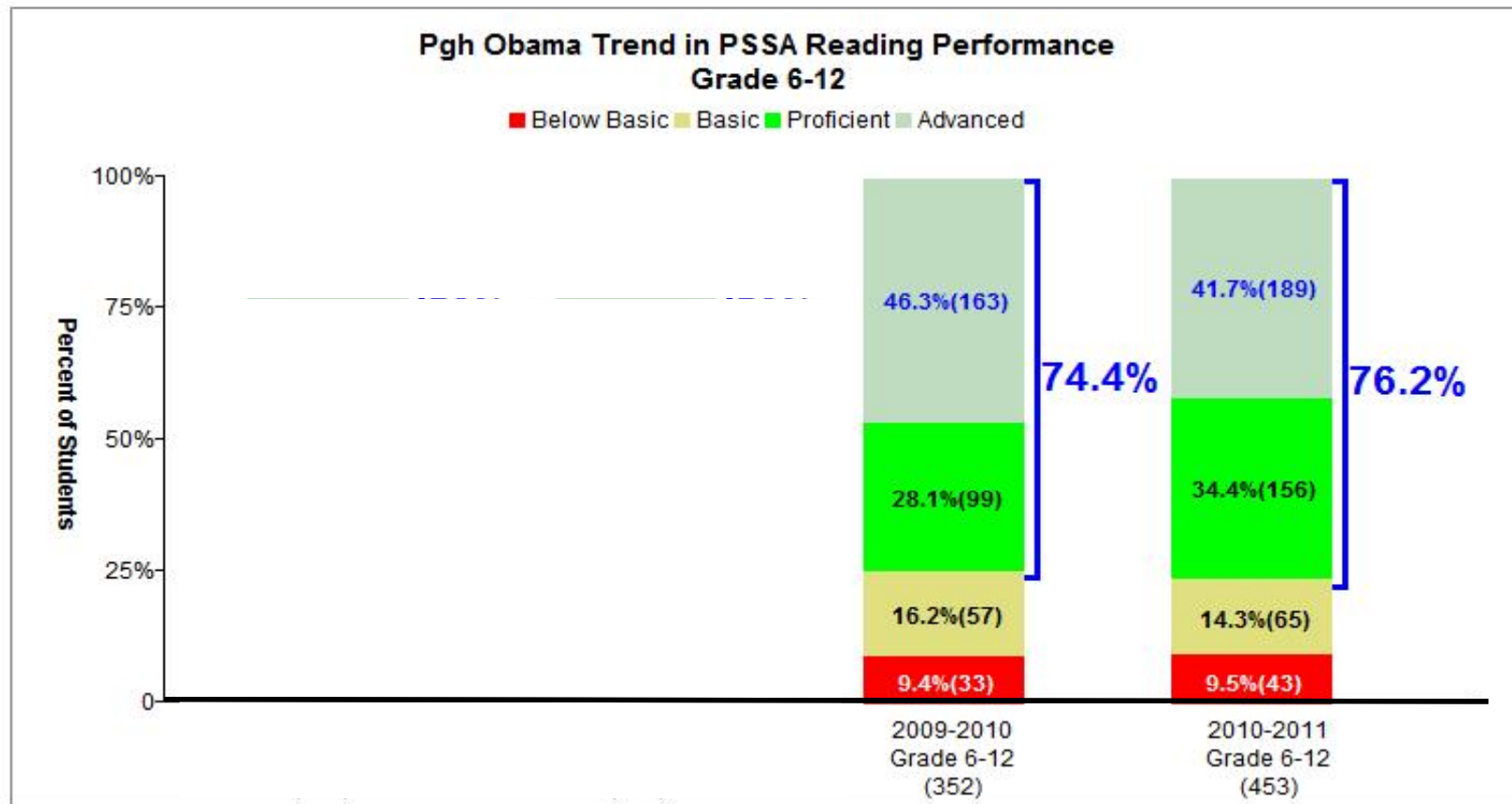


Pittsburgh Millions Mathematics Proficiency:

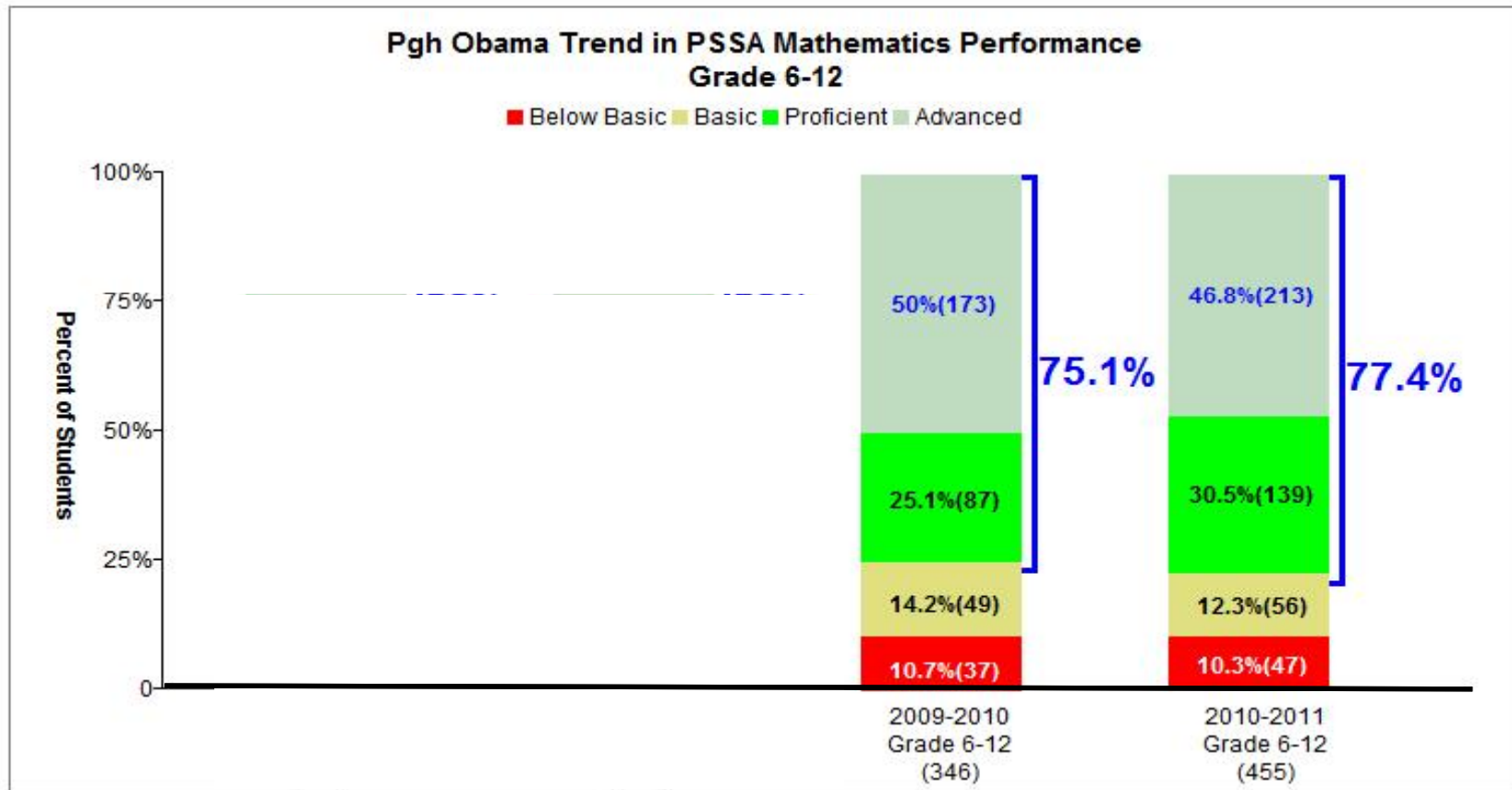
Decreased .7 points (1.8%) from 2010. **Below Basic:** Decreased 5.5 points (12%) from 2010.



Pittsburgh Obama Reading Proficiency: Increased 1.8 points (2.4%) from 2010.

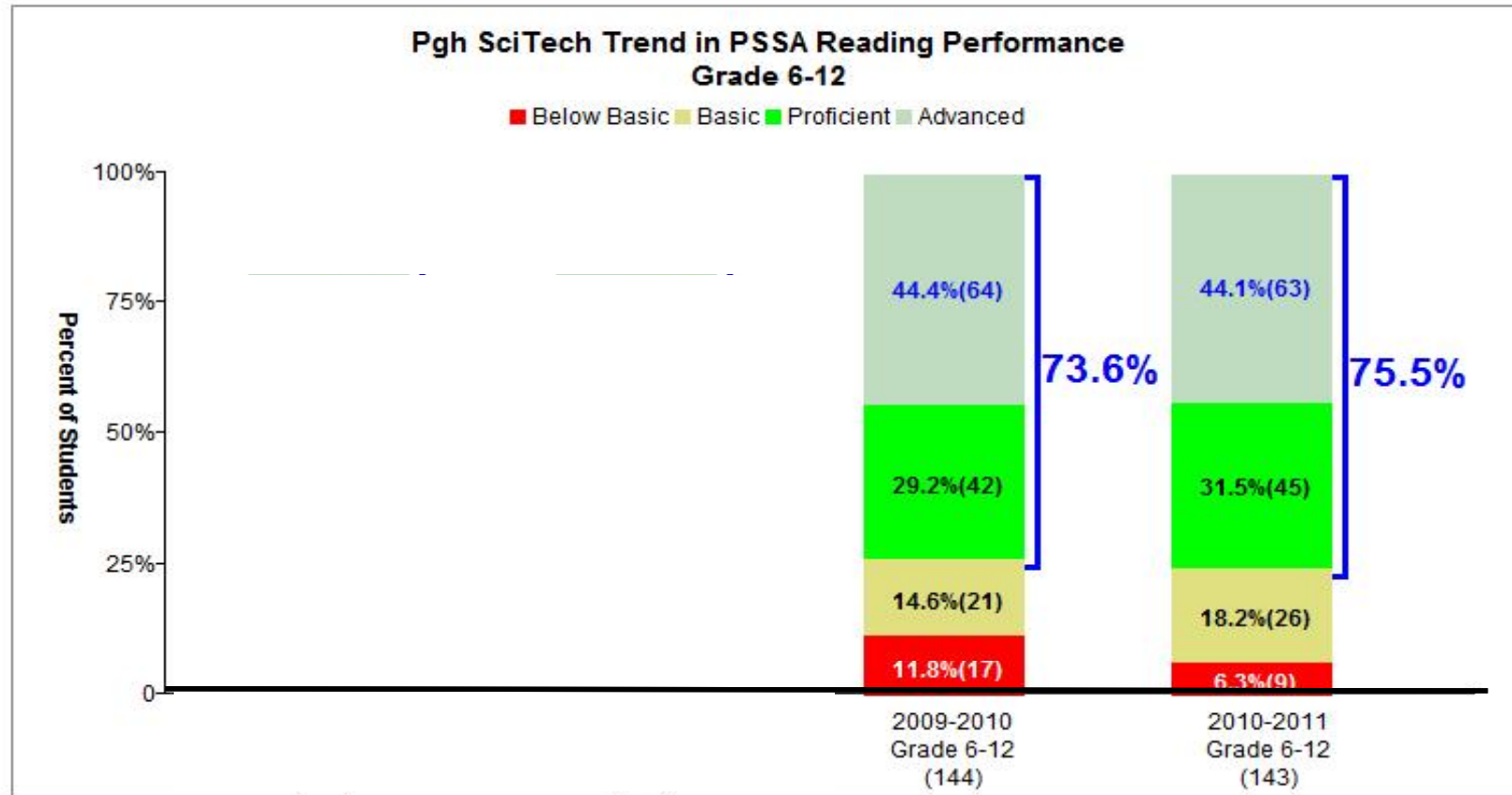


Pittsburgh Obama Mathematics Proficiency: Increased 2.3 points (3%) from 2010.

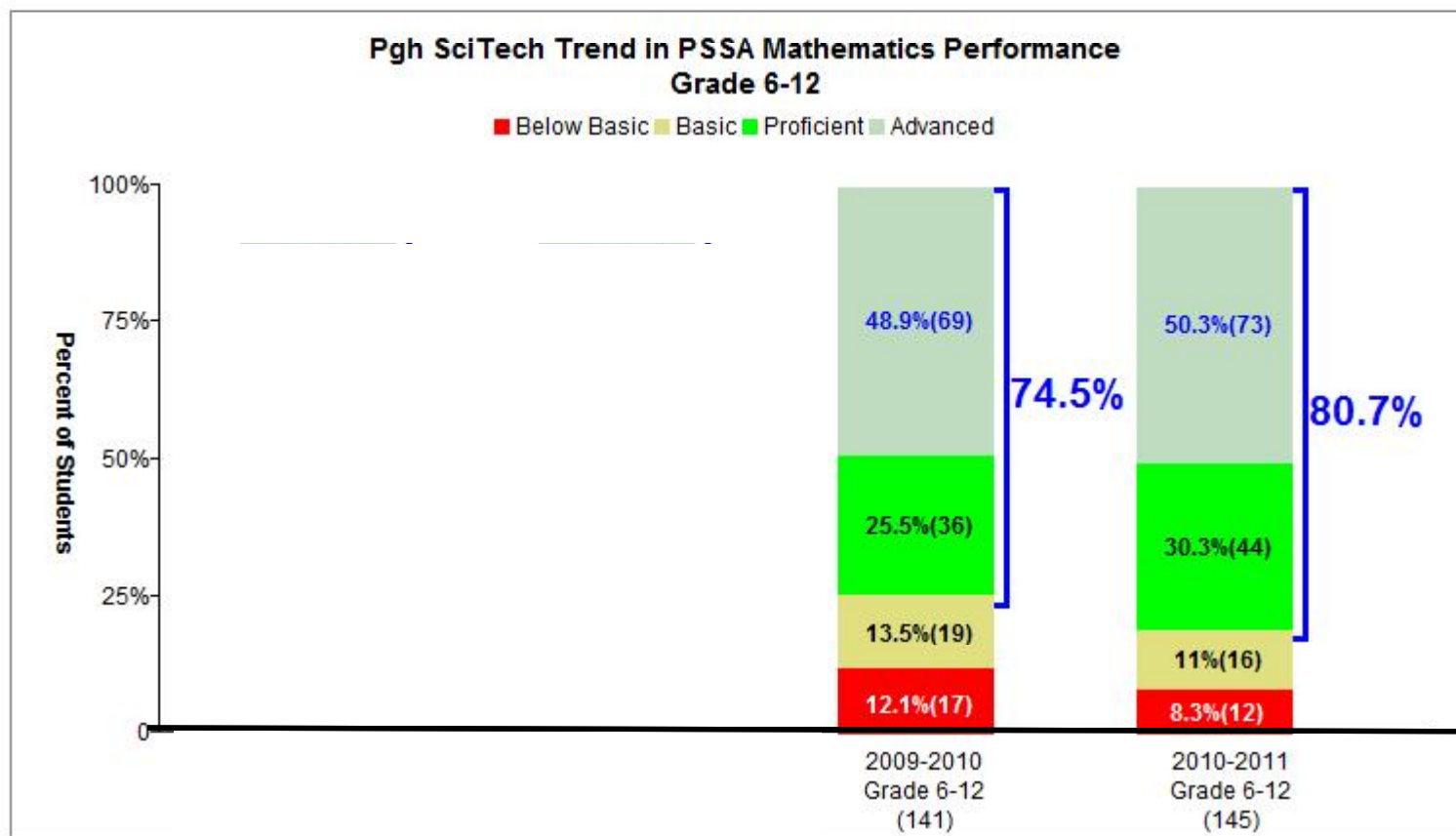


Pittsburgh Science and Technology Academy Reading Proficiency: Increased 1.9 points (2.5%) from 2010.

Below Basic: Decreased 5.5 points (47%) from 2010.



Pittsburgh Science and Technology Academy
Mathematics Proficiency: Increased 6.2 points (8.3%)
 from 2010. **Below Basic:** Decreased 3.8 points (31%)
 from 2010.



District PSSA* results are presented through a one-year and a four-year lens

*Preliminary PSSA results exclude PSSA-M and PASA results for all years presented.

Proficient/Advanced: The percent of students scoring proficient or advanced increased on 11 of the 14 tests in 2011.

Change in the Percent of Students Scoring Proficient or Advanced from 2010 to 2011

Reading

Grade	2011
3	+
4	+
5	+
6	-
7	+
8	+
11	+
Total Increases	6 of 7

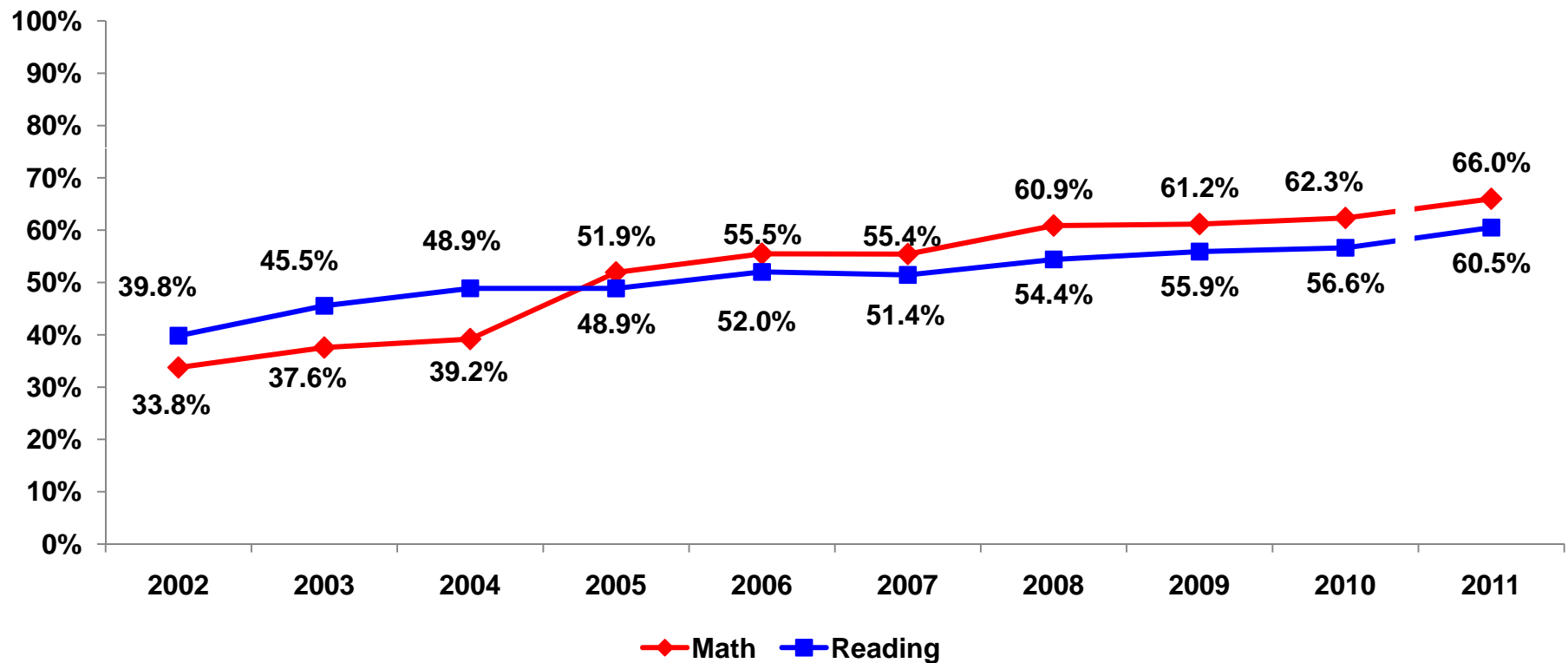
Mathematics

Grade	2011
3	-
4	+
5	+
6	-
7	+
8	+
11	+
Total Increases	5 of 7

- + represents an increase in the percent of students scoring proficient or advanced.
- represents a decrease in the percent of students scoring proficient or advanced.

Increase in Proficient and Advanced: Students have continued to make gains in proficiency in both Mathematics and Reading from 2002 to 2011.

Percentage of Students Scoring Proficient or Advanced on PSSA Exams All Grades Combined



Note: The break in the line between 2010 and 2011 indicates the introduction of PSSA-Modified tests for students with IEPs who meet eligibility criteria. The introduction of the PSSA-M reduced the number of students taking the PSSA in 2011. Data Source: 2010-2011 Preliminary PSSA data from the Pennsylvania Department of Education

Advanced: The percent of students scoring advanced increased on 10 of the 14 tests in 2011.

Change in the Percent of Students Scoring Advanced from 2010 to 2011

Reading

Grade	2011
3	-
4	+
5	+
6	-
7	+
8	+
11	+
Total Increases	5 of 7

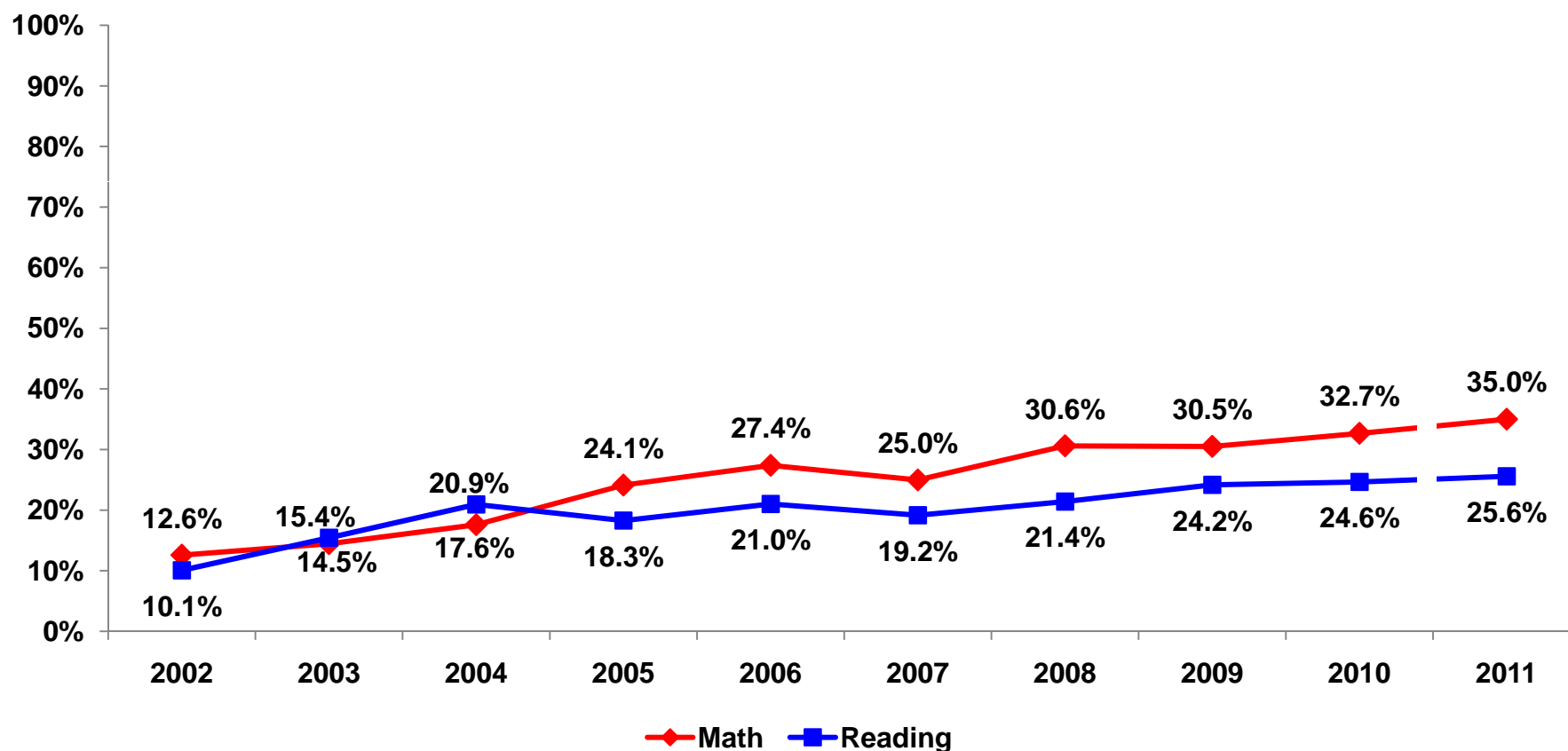
Mathematics

Grade	2011
3	+
4	+
5	+
6	-
7	+
8	+
11	-
Total Increases	5 of 7

- + represents an increase in the percent of students scoring advanced.
- represents a decrease in the percent of students scoring advanced.

Increase in Advanced: Students have continued to make gains in advanced in both Mathematics and Reading from 2002 to 2011.

Percentage of Students Scoring Advanced on PSSA Exams All Grades Combined



Note: The break in the line between 2010 and 2011 indicates the introduction of PSSA-Modified tests for students with IEPs who meet eligibility criteria. The introduction of the PSSA-M reduced the number of students taking the PSSA in 2011. Data Source: 2010-2011 Preliminary PSSA data from the Pennsylvania Department of Education

Below Basic: The percent of students scoring below basic decreased on 13 of the 14 tests in 2011.

Change in the Percent of Students Scoring Below Basic from 2010 to 2011

Reading

Grade	2011
3	-
4	-
5	-
6	-
7	-
8	-
11	-
Total Decreases	7 of 7

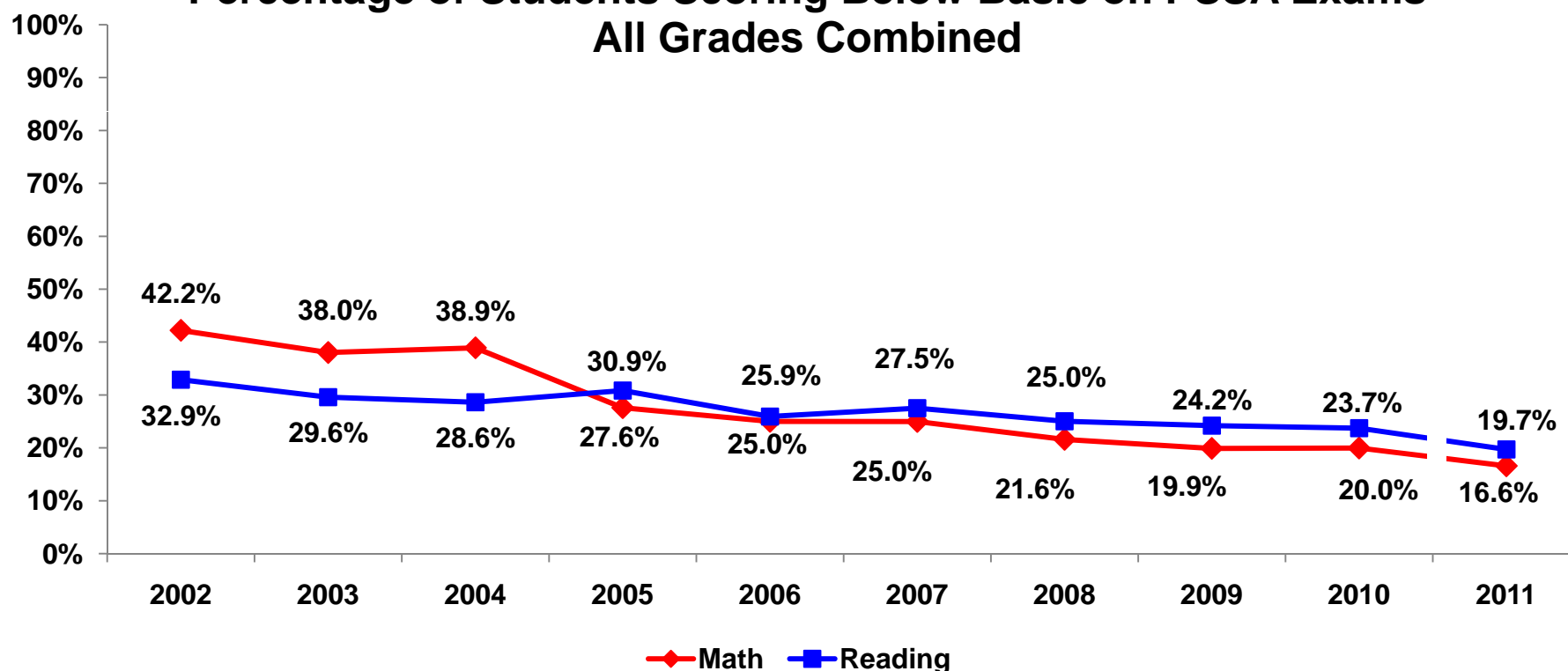
Mathematics

Grade	2011
3	+
4	-
5	-
6	-
7	-
8	-
11	-
Total Decreases	6 of 7

- represents a decrease in the percent of students scoring below basic.
- + represents an increase in the percent of students scoring below basic.

Reduction in Below Basic: Students have continued to move up from the below basic level. The percent of students performing at below basic decreased 4.8 percentage points in Reading and 4.3 percentage points in Mathematics from last year.

**Percentage of Students Scoring Below Basic on PSSA Exams
All Grades Combined**



Note: The break in the line between 2010 and 2011 indicates the introduction of PSSA-Modified tests for students with IEPs who meet eligibility criteria. The introduction of the PSSA-M reduced the number of students taking the PSSA in 2011. Data Source: 2010-2011 Preliminary PSSA data from the Pennsylvania Department of Education

Reading Results

Grades 3-8 and 11

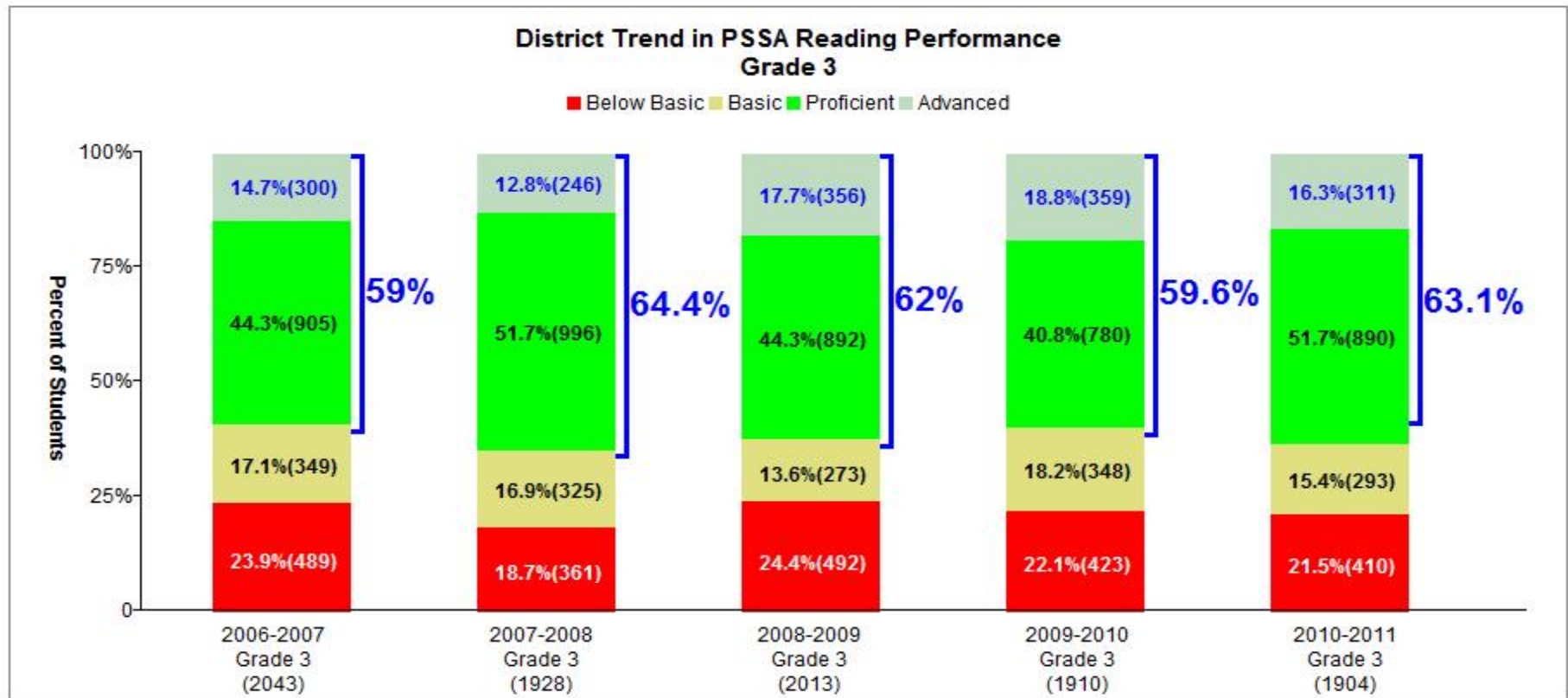
- The percent of students scoring proficient or advanced increased on 6 of 7 exams since last year.
- Over the past four years the percent of students scoring proficient or advanced increased on all 7 exams. The average increase is 9 percentage points.
- All tested grades showed a decrease in the percent of students scoring below basic, affirming the work of teachers and principals in Response to intervention and instruction (Rtii) that was implemented throughout the District.

Grade 3 Reading Priority

In 2010-11, 63.1% of students scored proficient or advanced, well short of our goal of 80%.

Efforts in K-2 were increased in 2010-11 to include reading intervention and diagnostic and summative assessments to complement our reading curriculum. The increased emphasis on K-2 will continue in 2011-12.

Grade 3 Reading Proficiency: Increased 3.5 points (6%) from 2010 and 4.1 points (7%) since 2007. **Below Basic:** Decreased .6 points (3%) from 2010 and 2.4 points (10%) since 2007.

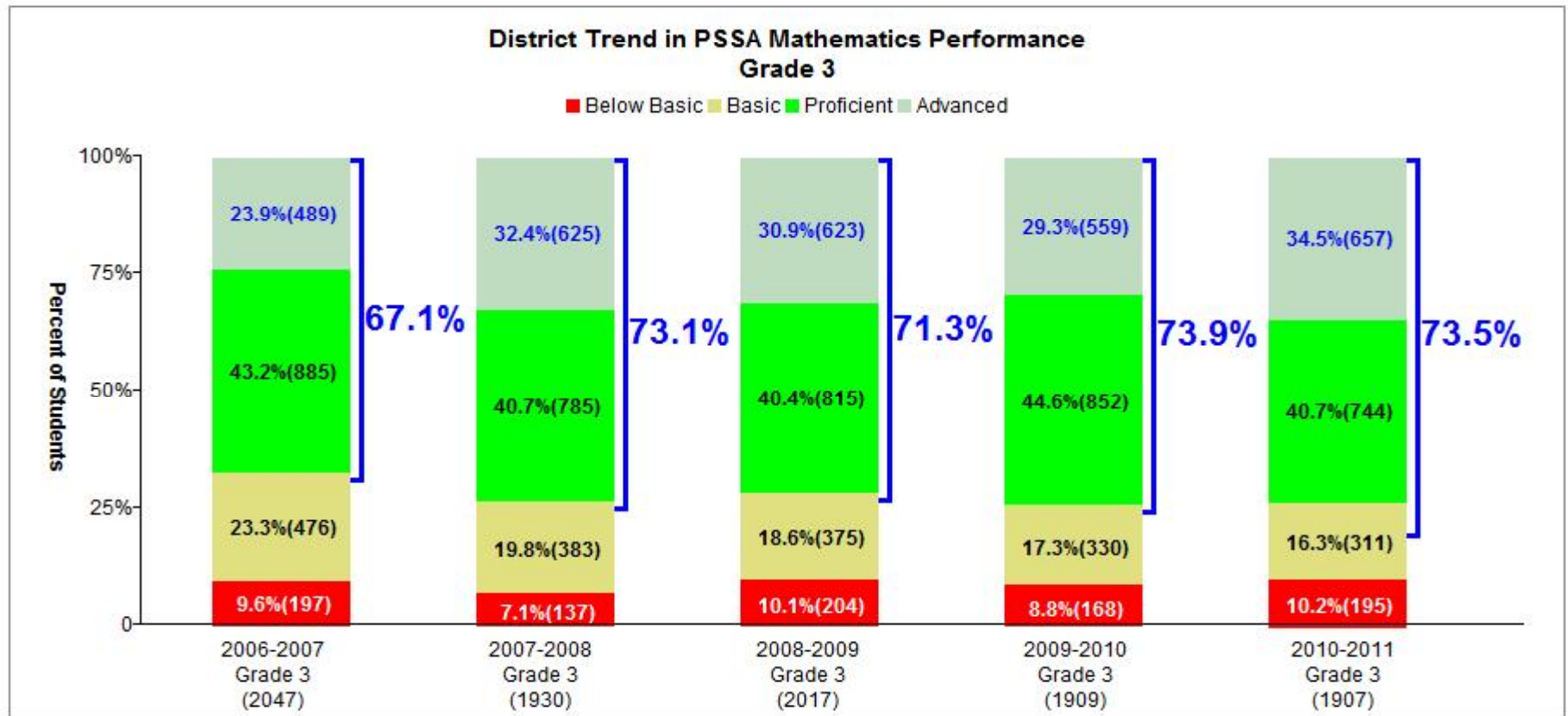


Mathematics Results

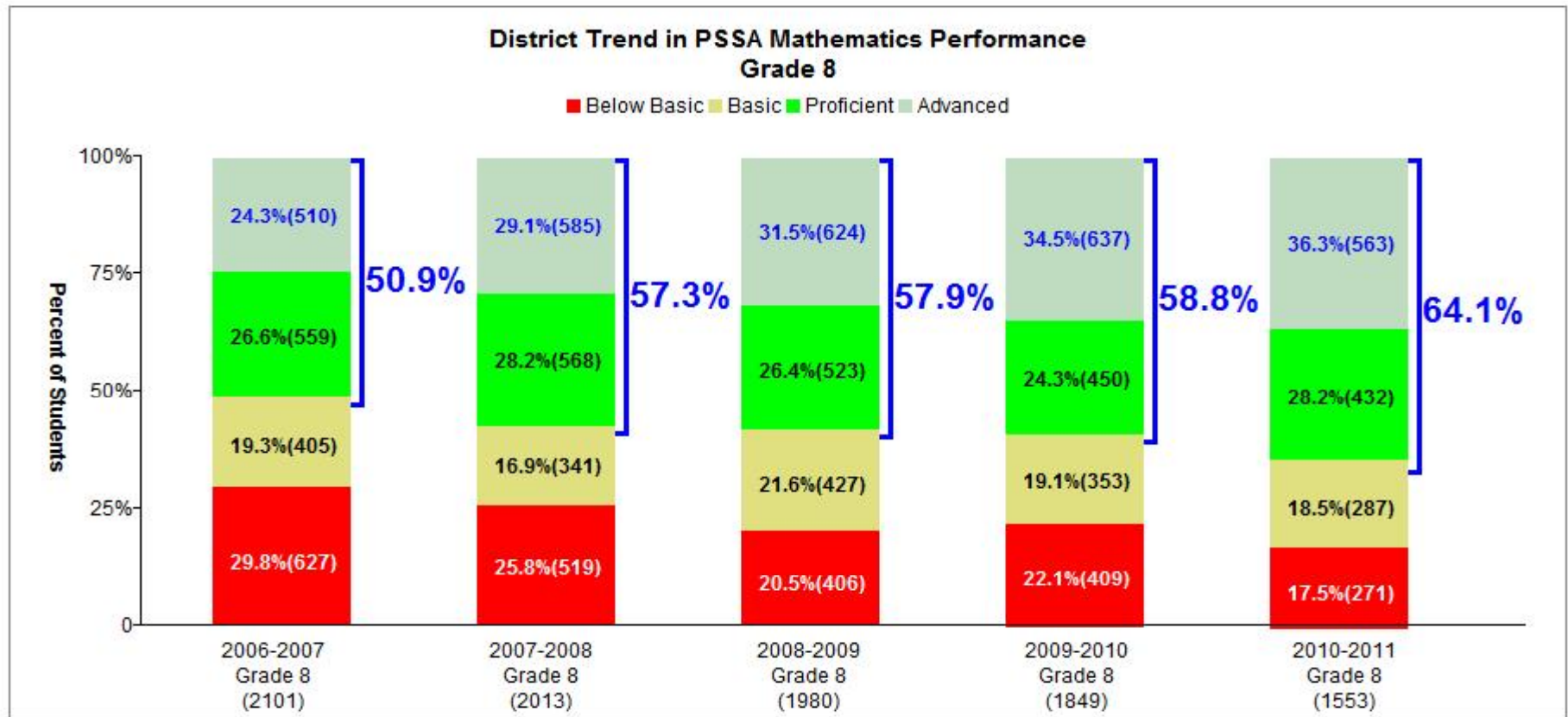
Grades 3-8 and 11

- The percent of students scoring proficient or advanced increased on 5 of 7 exams while the percent of students scoring below basic decreased on 6 of 7 exams since last year.
- Over the past four years the percent of students scoring proficient or advanced increased on all 7 exams. The average increase is 10.2 percentage points.
- Mathematics achievement continues to increase as teachers
 - provide 2 periods of mathematics daily for every student
 - focus on algebraic skills throughout K-8
 - address students' misconceptions daily

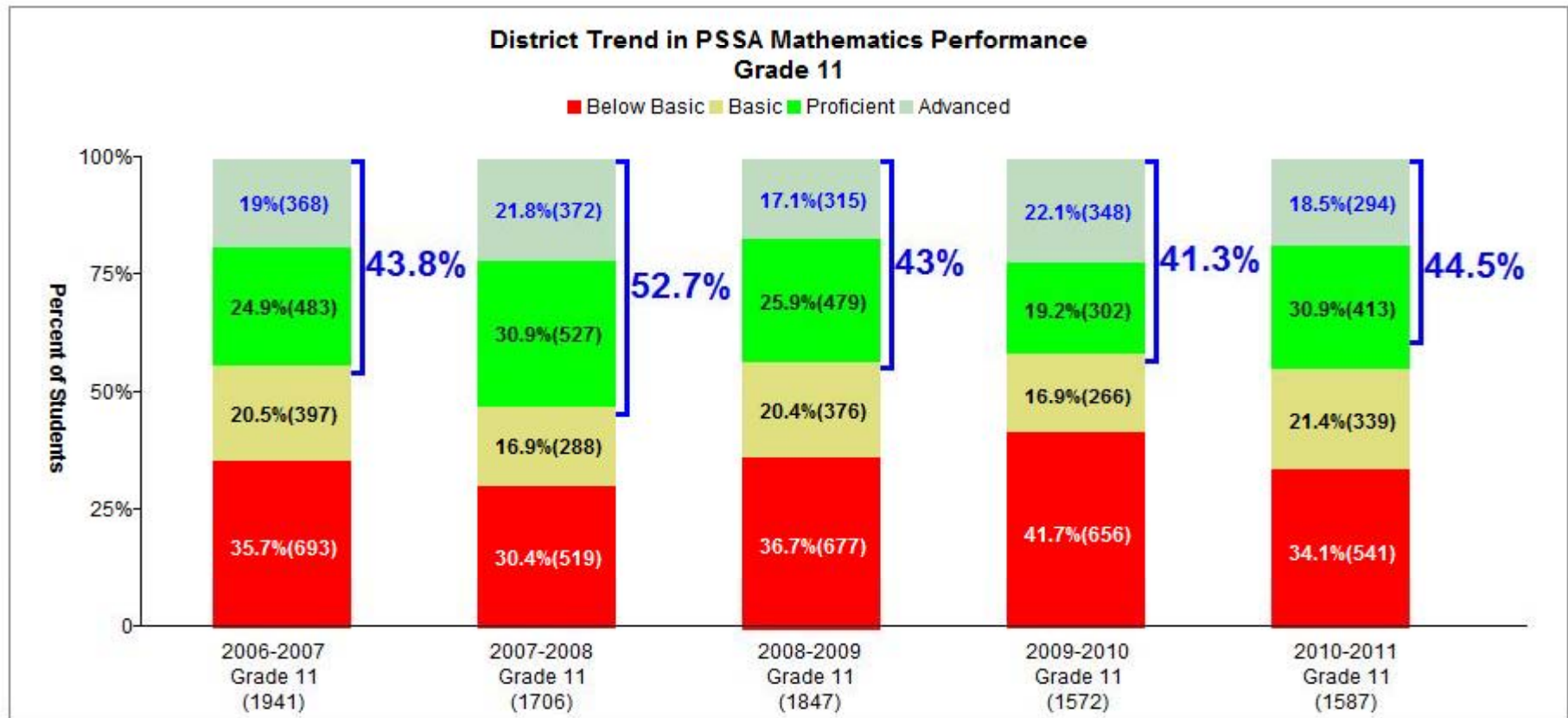
Grade 3 Mathematics Proficiency: Decreased .4 points (-.5%) from 2010 and increased 6.4 points (10%) since 2007. **Advanced:** Increased 5.2 points (18%) from 2010 and 10.6 points (44%) since 2007.



Grade 8 Mathematics Proficiency: Increased 5.3 points (9%) from 2010 and 13.2 points (26%) since 2007. **Below Basic:** Decreased 4.6 points (21%) from 2010 and 12.3 points (41%) since 2007.



Grade 11 Mathematics Proficiency: Increased 3.2 points (8%) from 2010 and .7 points (2%) since 2007.
Below Basic: Decreased 7.6 points (18%) from 2010 and 1.6 points (4%) since 2007.



PSSA Science and Writing Results

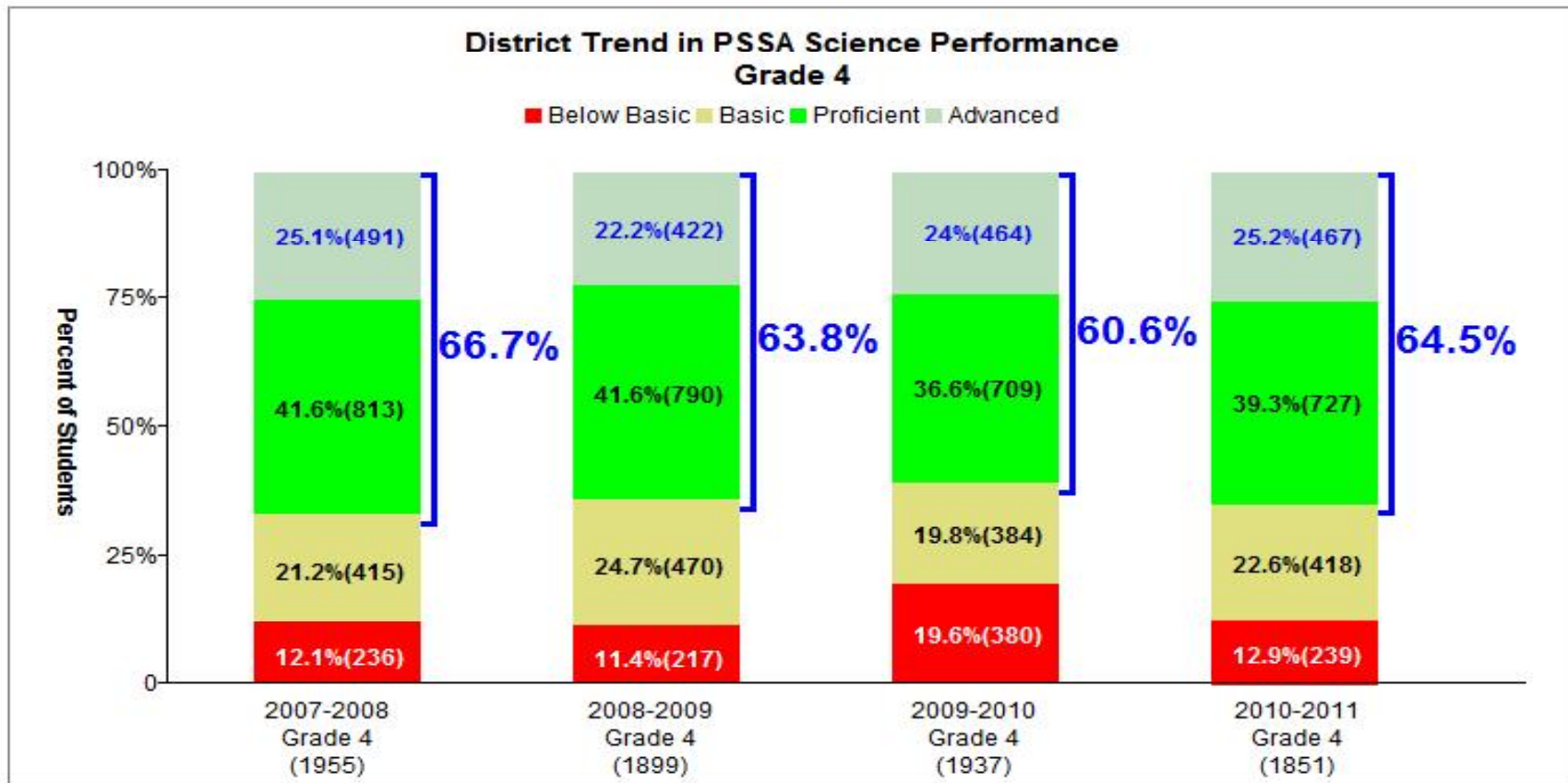
- PSSA Science exams are required under No Child Left Behind (NCLB).
- The PSSA Writing exam in Grade 11 is a PA graduation requirement.
- Science and Writing PSSA exams are not used in Adequate Yearly Progress (AYP) determinations.
- State results on the Science PSSA exams vary greatly by grade with 4th grade the highest and 11th grade the lowest.

Grade	2007-08	2008-09	2009-10	2010-11
4	81.5%	83.4%	81.4%	N/A
8	52.7%	54.8%	57.2%	N/A
11	35.7%	39.7%	39.8%	N/A

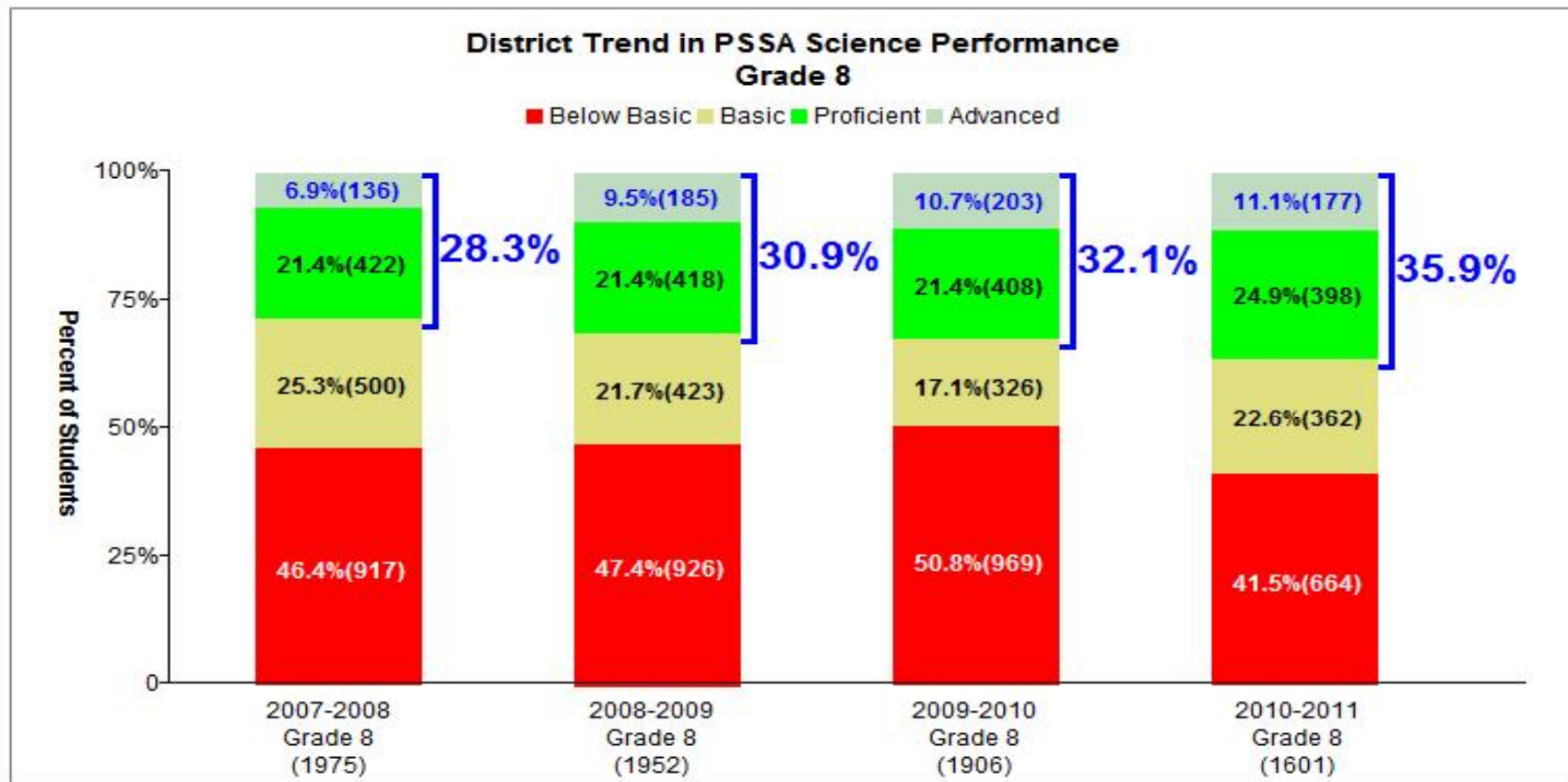
Pittsburgh's results reflect a similar trend.

Grade 4 Science Proficiency: Increased 3.9 points (6%) from 2010 and decreased 2.2 points (-3%) since 2008.

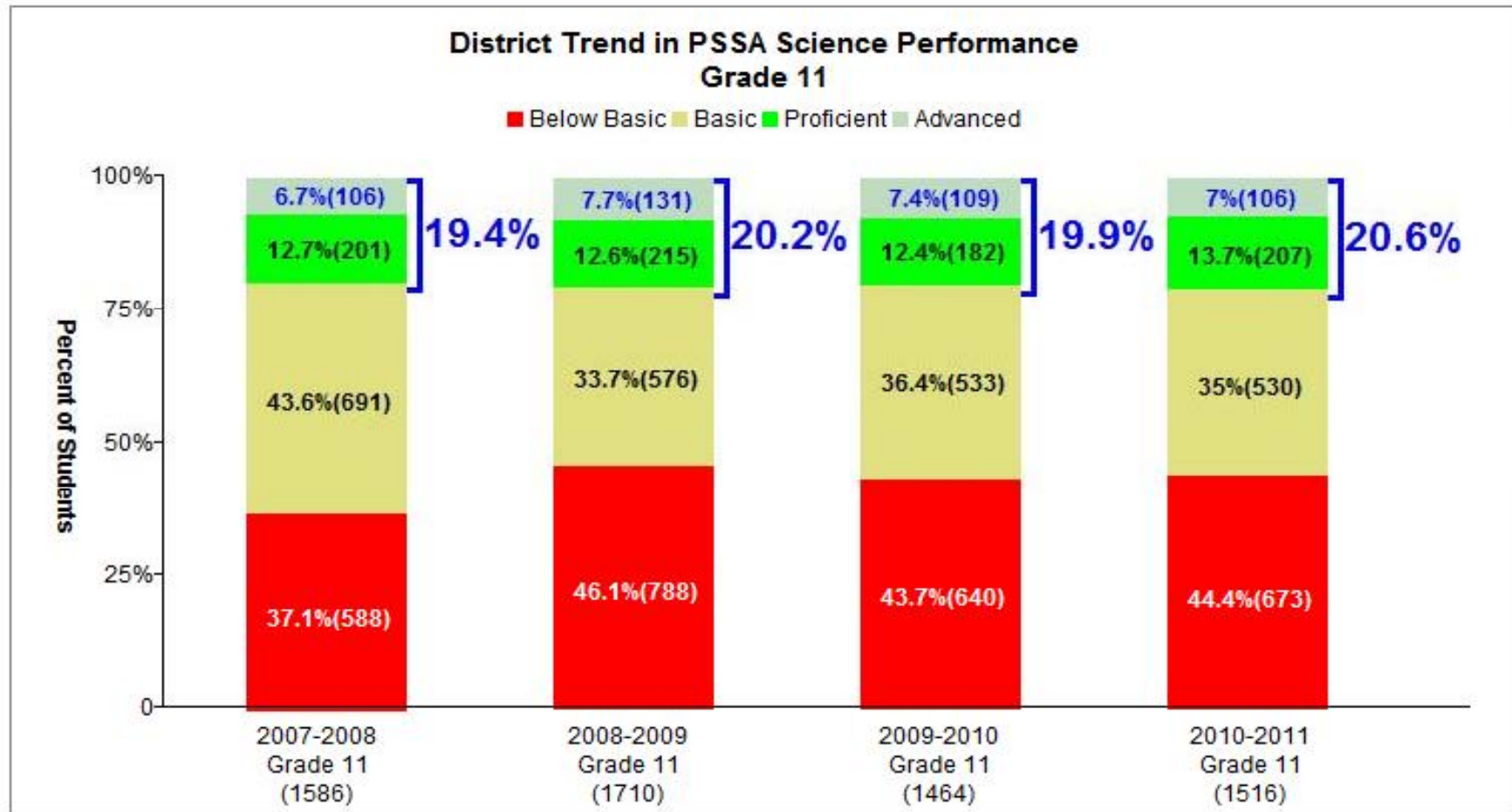
Below Basic: Decreased 6.7 points (-34%) from 2010 and .8 points (-7%) since 2008.



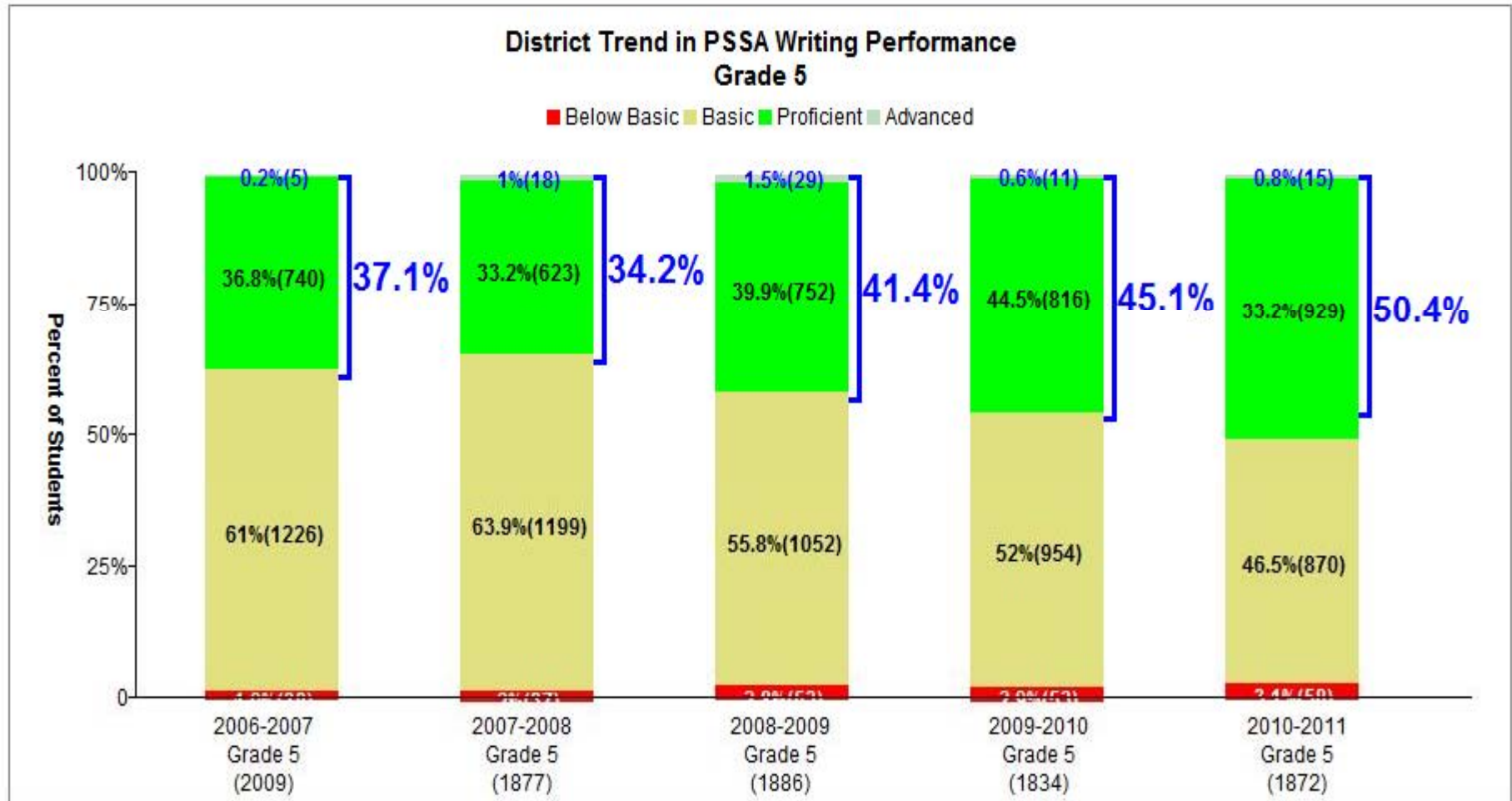
Grade 8 Science Proficiency: Increased 3.8 points (12%) from 2010 and 7.6 points (27%) since 2008. **Below Basic:** Decreased 9.3 points (-18%) from 2010 and 4.9 points (-11%) since 2008.



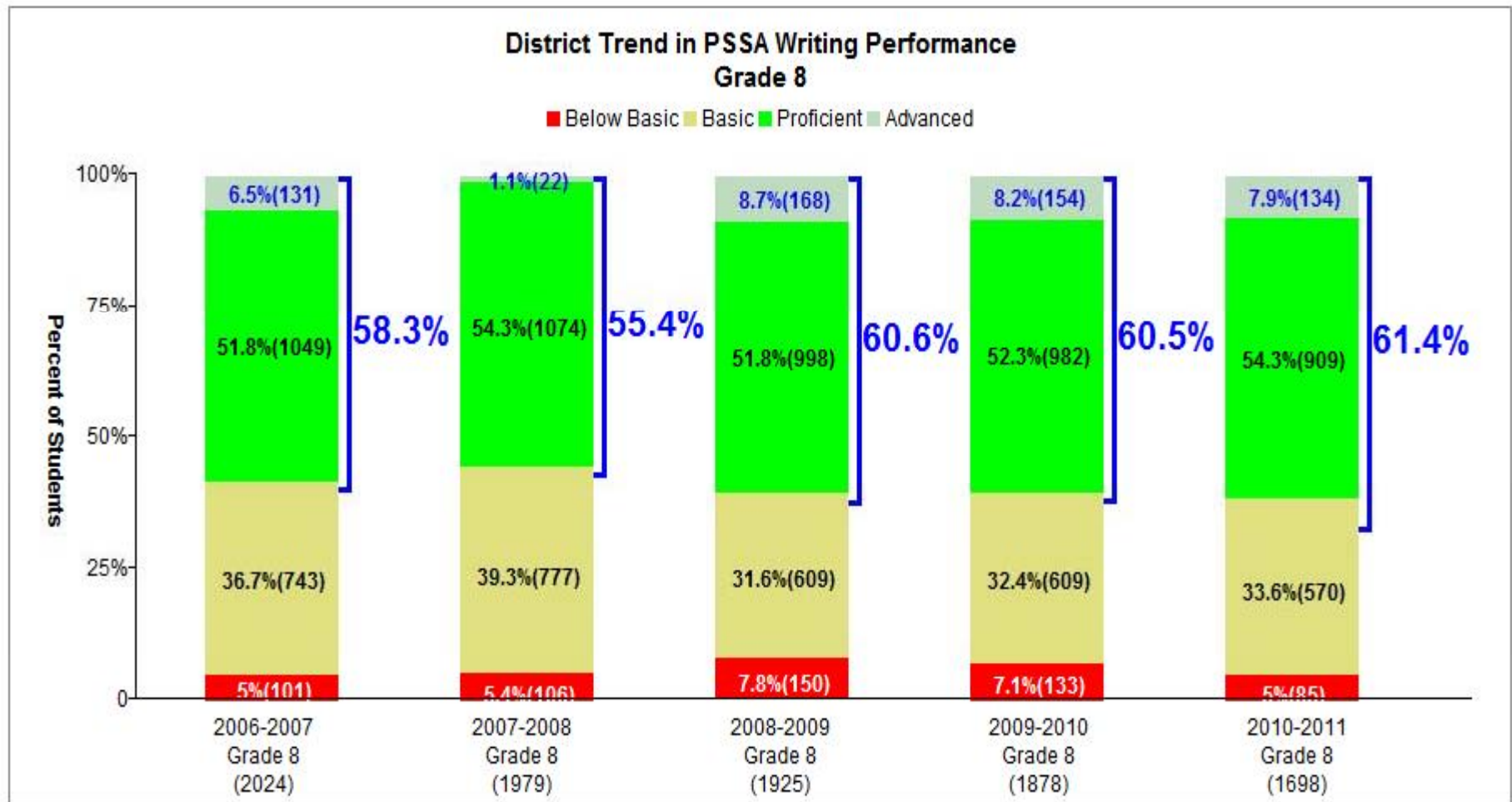
Grade 11 Science Proficiency: Increased .7 points (4%) from 2010 and 1.2 points (6%) since 2008.



Grade 5 Writing Proficiency: Increased 5.4 points (12%) from 2010 and 13.3 points (36%) since 2007.

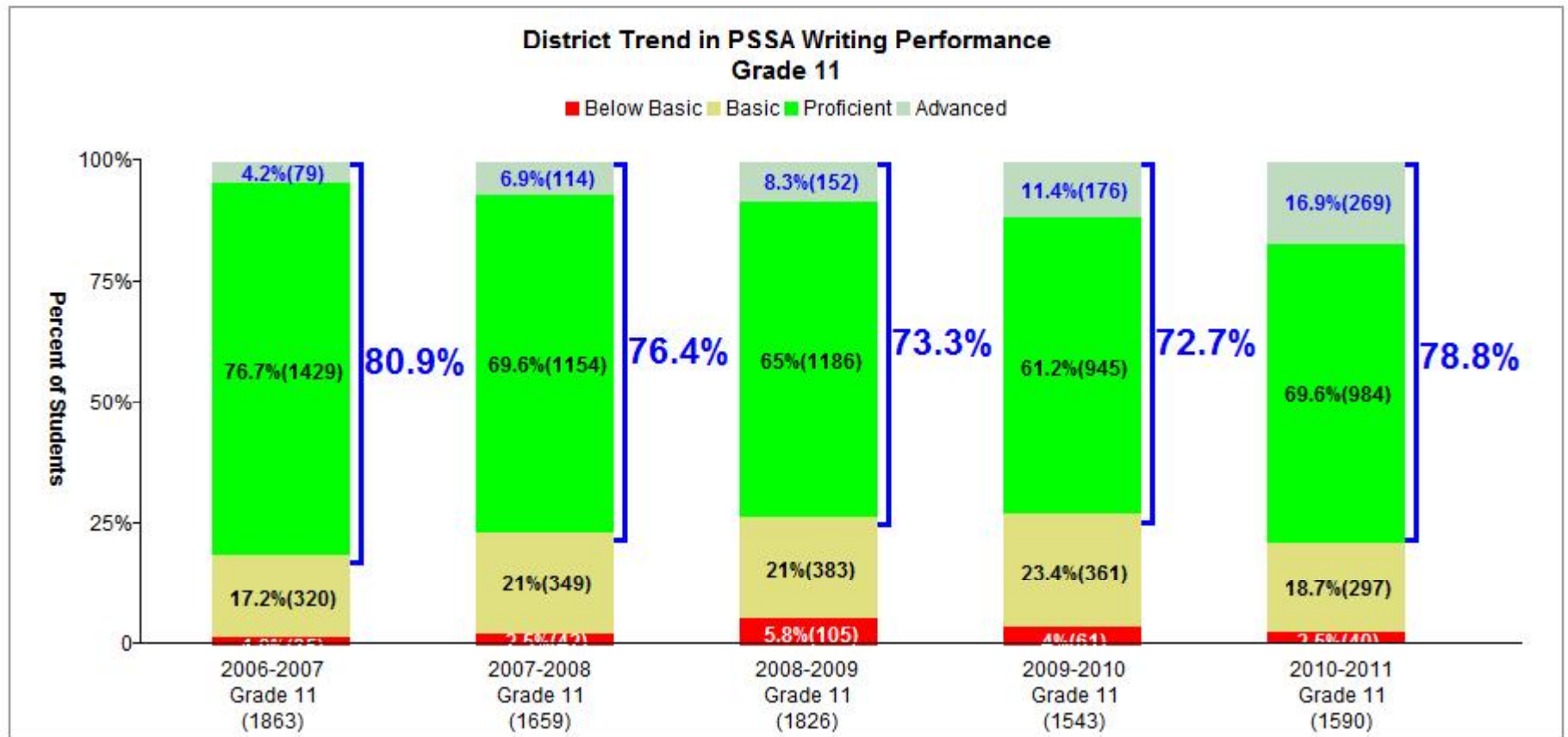


Grade 8 Writing Proficiency: Increased .9 points (1%) from 2010 and 3.1 points (5%) since 2007.



Data Source: 2010-2011 Preliminary PSSA data from the Pennsylvania Department of Education

Grade 11 Writing Proficiency: Increased 6.1 points (8%) from 2010 and decreased 2.1 points (3%) since 2007.
Advanced: Increased 5.5 points (48%) from 2010 and 12.7 points (302%) from 2007.



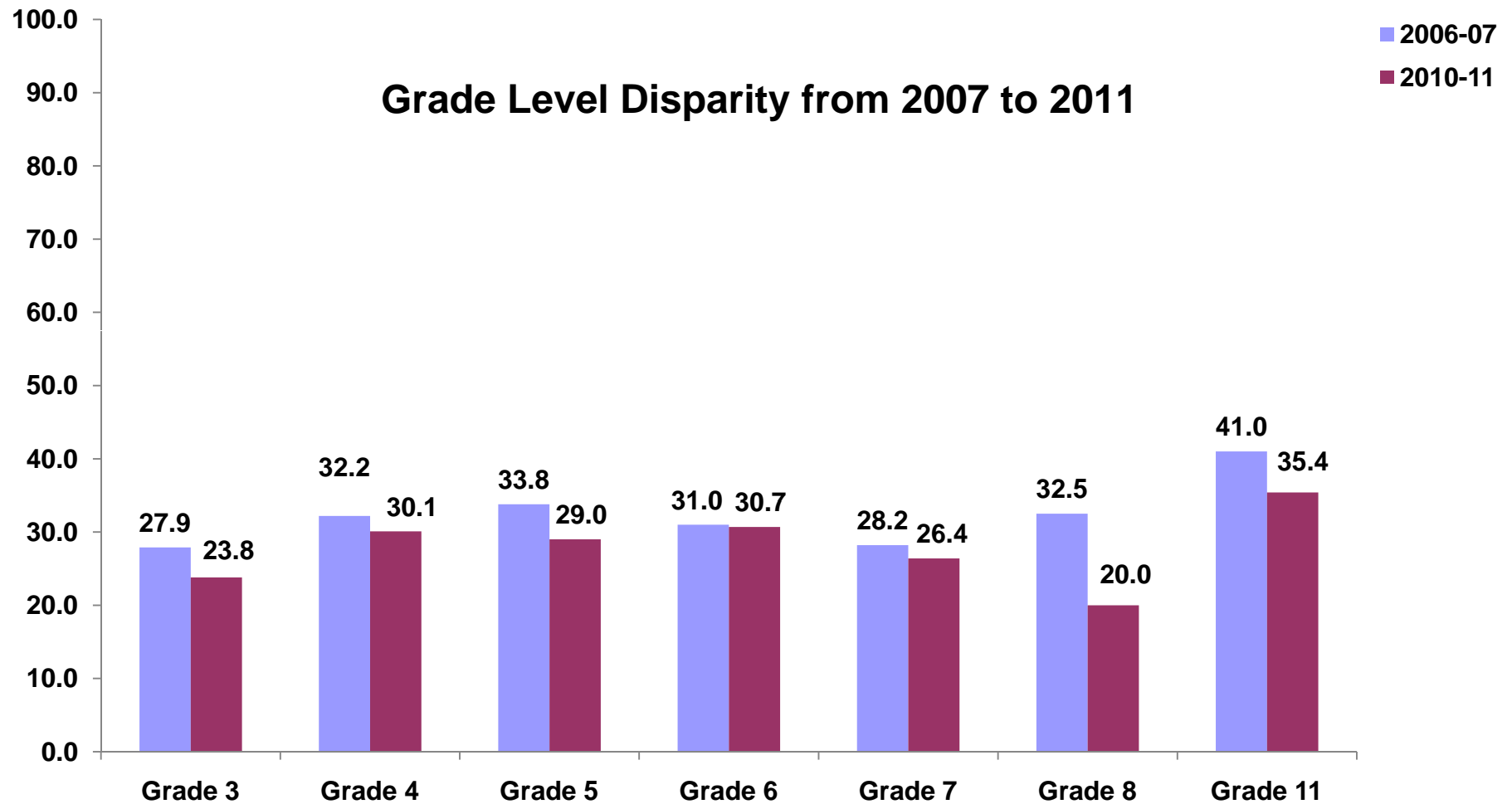
Another District goal is to narrow the academic disparity between African-American and White students. The disparity has narrowed on all PSSA exams (14 of 14) since 2007.

Reading Disparity: Over the past four years, achievement for both African American and White students increased (+) in 7 of the 7 grades tested and the disparity was reduced in all 7 as well.

Grade	Change in African American Reading Proficiency 2007 - 2011	Change in White Reading Proficiency 2007 - 2011	Percentage Point Change in Academic Disparity from 2007 - 2011	% Change in Academic Disparity 2007 - 2011*
3	+	+	-4.1	-15%
4	+	+	-2.1	-7%
5	+	+	-4.8	-14%
6	+	+	-.3	-1%
7	+	+	-1.8	-6%
8	+	+	-12.5	-38%
11	+	+	-5.6	-14%

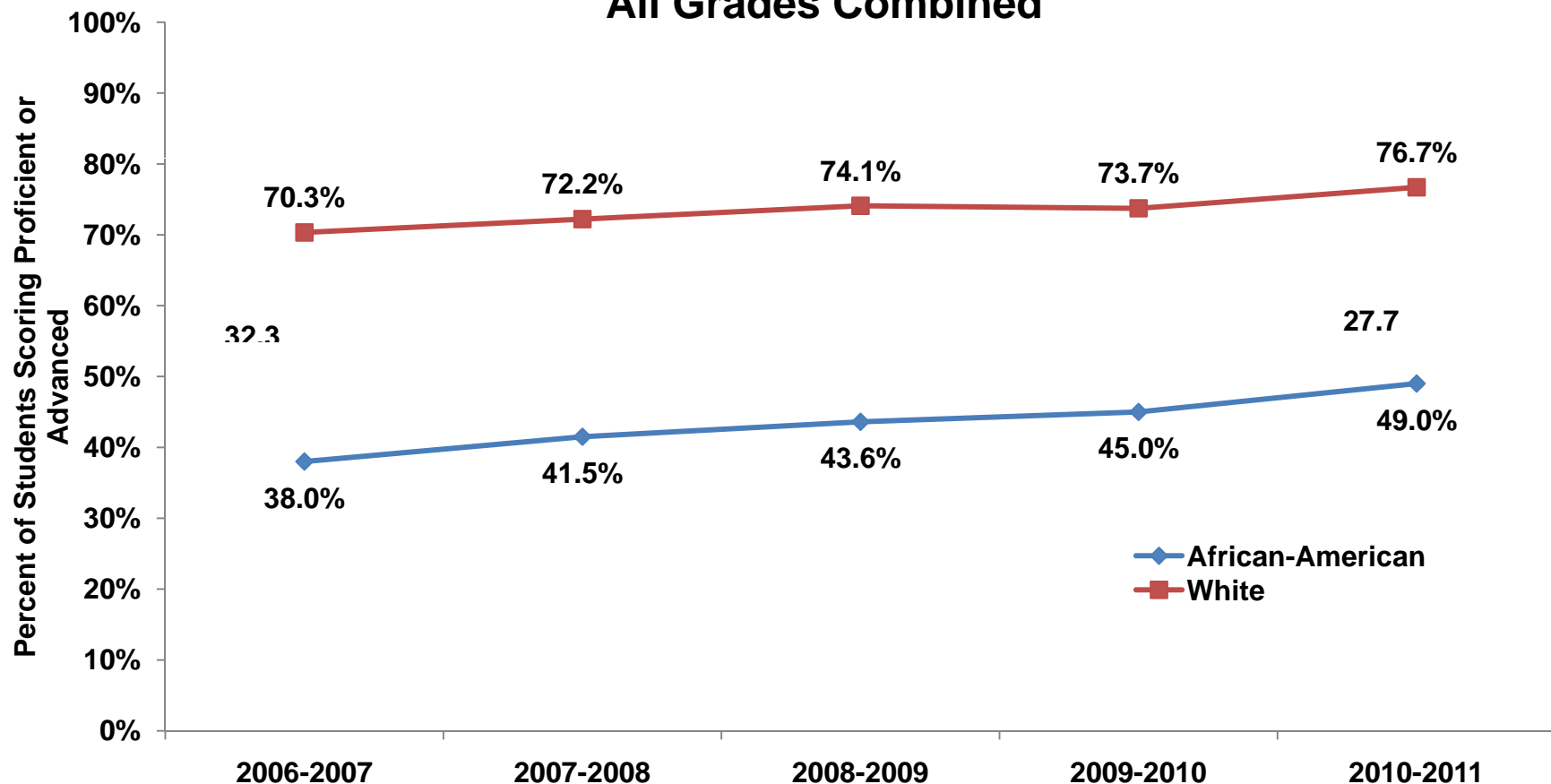
*A negative number indicates reading disparity decreased. A positive number indicates reading disparity increased.

Reading Disparity: The disparity decreased in all grades from 2007 to 2011.



Reading Disparity: The disparity has decreased steadily over the past four years from 32.3 to 27.7 points. Although the disparity has narrowed while achievement has increased for both groups, progress must be accelerated.

PSSA Reading Disparity 2007-2011 All Grades Combined



Data Source: 2010-2011 Preliminary PSSA data from the Pennsylvania Department of Education

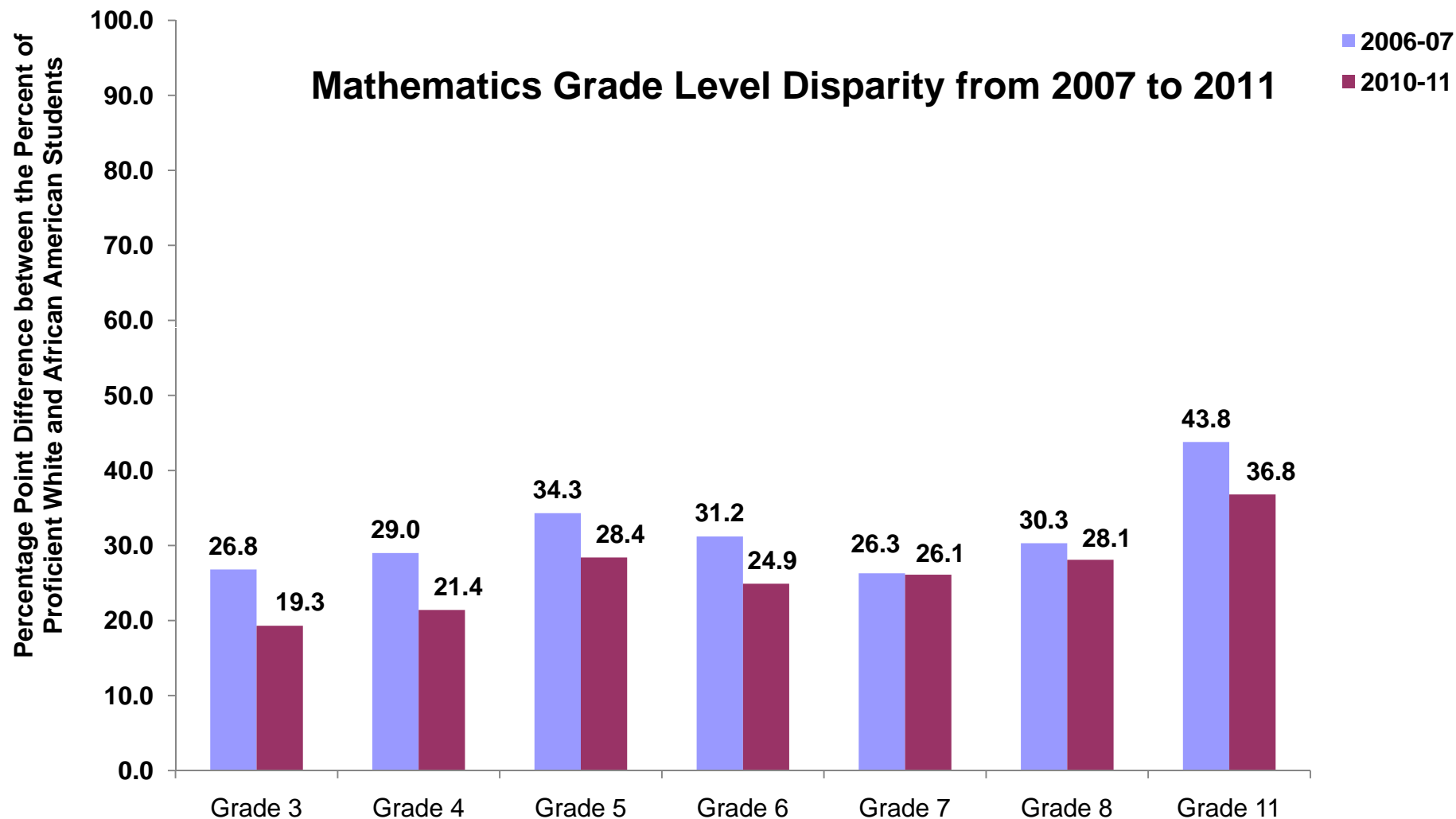
Mathematics Disparity: Over the past four years, achievement for both African American and White students increased (+) in 6 of the 7 grades tested and the disparity was reduced in all 7 grades tested.

Grade	Change in African American Mathematics Proficiency from 2007 to 2011	Change in White Mathematics Proficiency from 2007 to 2011	Percentage Point Change in Academic Disparity from 2007 to 2011	% Change in Academic Disparity from 2007 to 2011 *
3	+	+	-7.5	-28.0%
4	+	+	-7.6	-26.0%
5	+	+	-5.9	-17.0%
6	+	+	-6.3	-20.0%
7	+	+	-.2	-.8 %
8	+	+	-2.2	-7.0%
11	+	-	-7	-16%

* A negative number indicates mathematics disparity decreased. A positive number indicates mathematics disparity increased.

Data Source: 2010-2011 Preliminary PSSA data from the Pennsylvania Department of Education

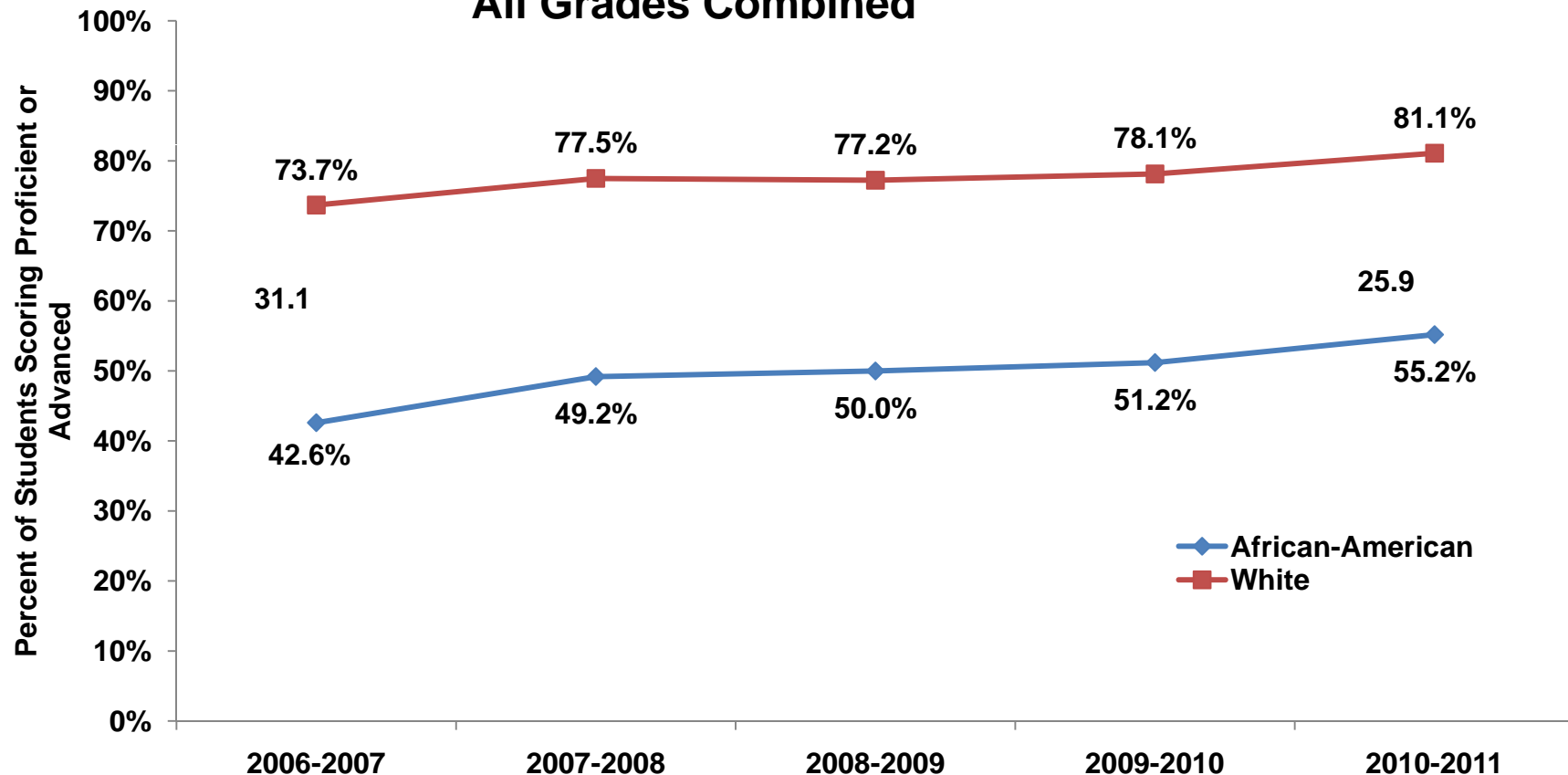
Mathematics Disparity: The disparity decreased in all grades from 2007 to 2011.



Data Source: 2010-2011 Preliminary PSSA data from the Pennsylvania Department of Education

Mathematics Disparity: The disparity has decreased steadily over the past four years from 31.1 to 25.9 points. Although the disparity has narrowed while achievement has increased for both groups, progress must be accelerated.

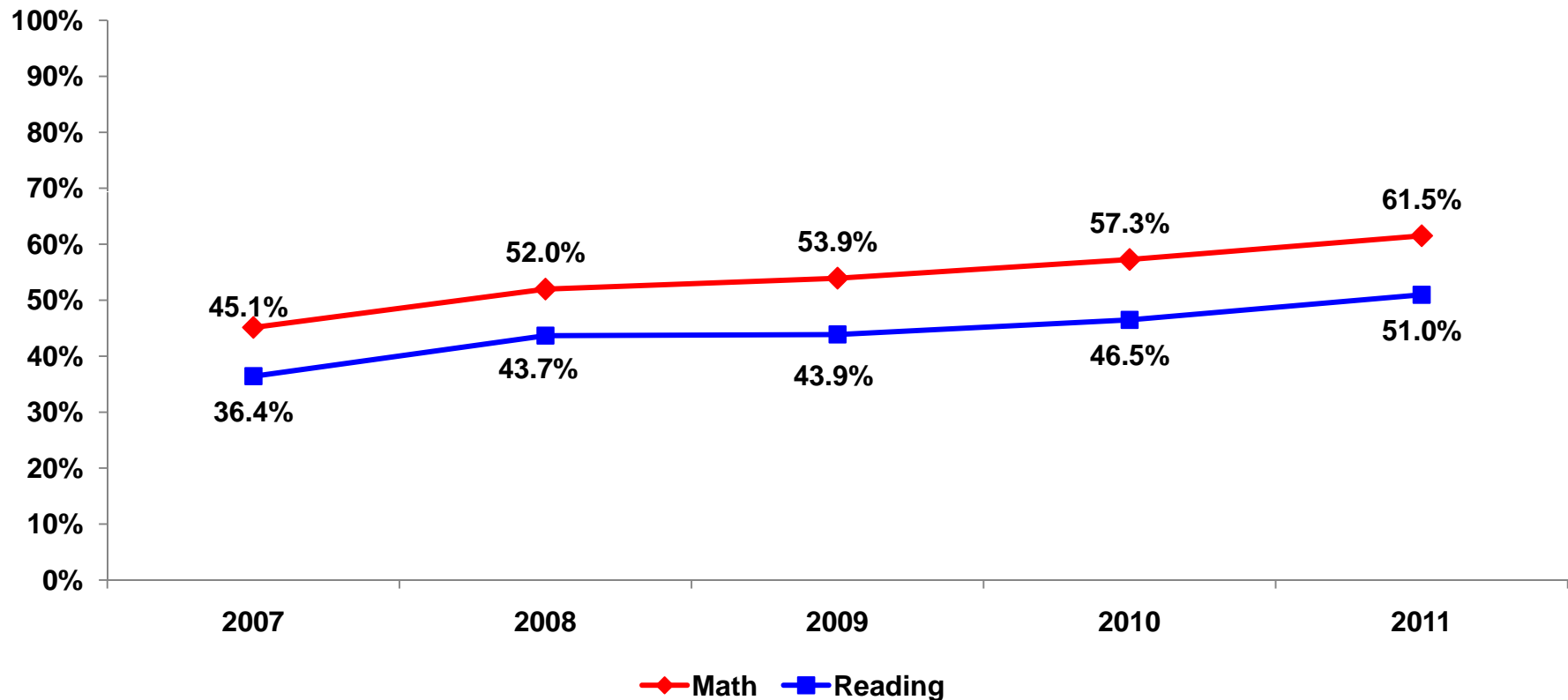
PSSA Mathematics Disparity 2007-2011 All Grades Combined



Data Source: 2010-2011 Preliminary PSSA data from the Pennsylvania Department of Education

ALA Trend: Reading and Mathematics performance has increased steadily over the past four years.

Percentage of ALA Students Scoring Proficient or Advanced on PSSA Exams, All Grades Combined



Data Source: 2010-2011 Preliminary PSSA data from the Pennsylvania Department of Education

Moving Forward

Our results suggest that we are making gains and we know that we must accelerate these gains to reach our goal of our students successfully getting to and through college or workforce certification.

To reach this goal we will continue to dig deeper into our work to ensure an effective teacher in every classroom:

- Research-Based Inclusive System of Evaluation (RISE)
- Pittsburgh Urban Leadership System for Excellence (PULSE)
- Central Office Effectiveness

For kids to do better, we must do better.

