



**Pittsburgh
Public Schools**

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The Pathway to the Promise.

Report to the Equity Advisory Panel

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Report to the Equity Advisory Panel

- Why are we doing this?
 - To share data from recent Equity Advisory Panel reports and analyses of African-American achievement.

- What are we seeking to gain from this presentation?
 - An update on African-American achievement
 - Information related to disparity
 - A view of high school trends
 - An understanding of recent enrollment trends in the District

Equity Advisory Panel Data Reports are provided three times each year.

❖ *As a condition of the September 2006 conciliation agreement, the Office of Research, Assessment and Accountability provides data to the Equity Advisory Panel.*

➤ A set of reports are released each **November, March, and September**. November reports include:

- Enrollment by Race and Gender
- Enrollment by English as a Second Language
- PSSA Performance
- PVAAS Results

➤ Each report includes data from the **2005-06 school year to the current one**. The agreement is to provide 5 years of data, beginning with 2005-06 through 2009-2010.



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Update on African-American Achievement

Reading: Since 2003-04, the percent of African American students in Grade 8 scoring proficient or advanced on PSSA has increased from 40% to 58.2% or 18.2 percentage points (45.5%).

Percent of Students Proficient on PSSA Exam: Change over Time.

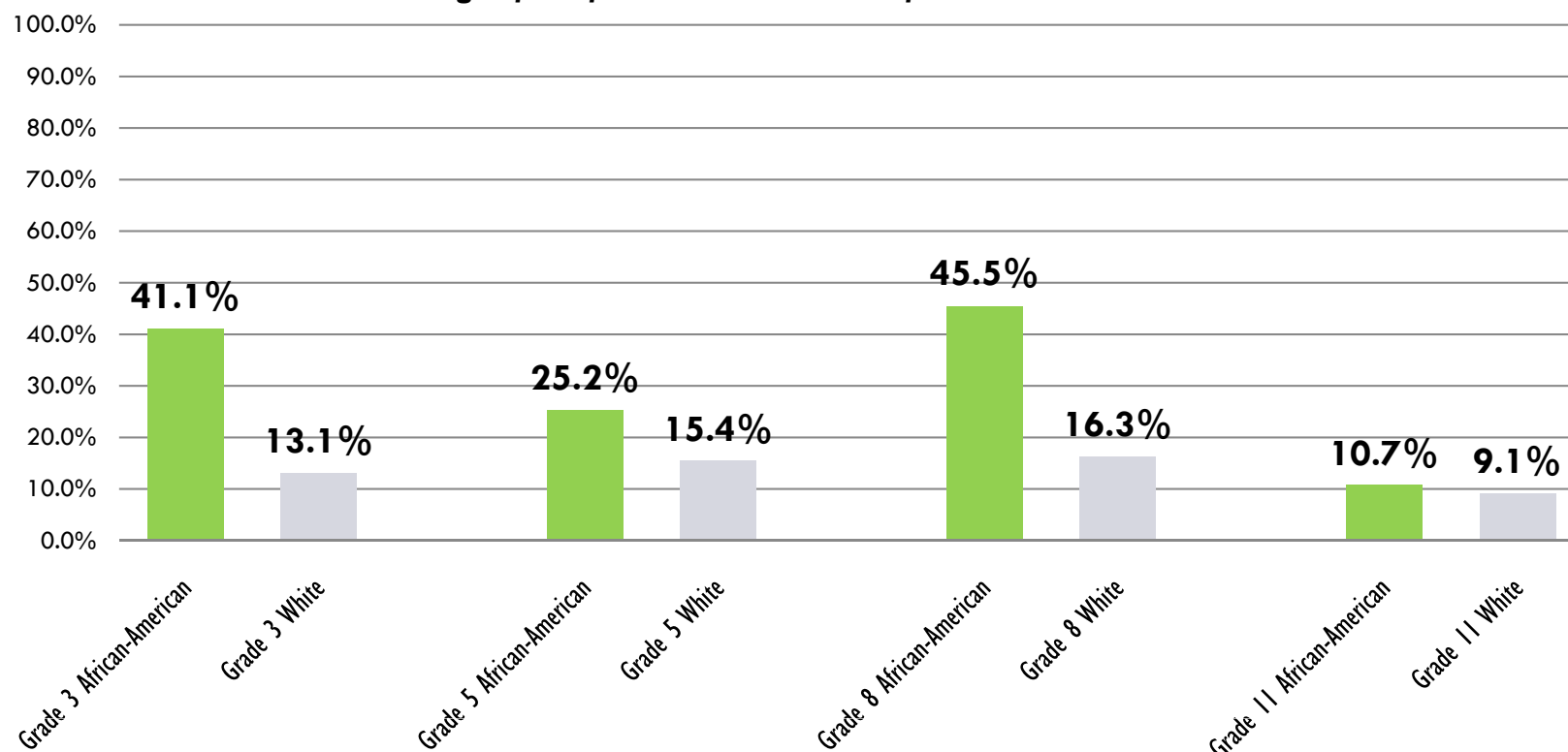
READING	2003-04 P + A	2008-09 P + A	Change in % Points	% Change
Grade 3 African American	36.0	50.8	14.8	41.1%
Grade 3 White	67.9	76.8	8.9	13.1%
Grade 5 African-American	31.4	39.3	7.9	25.2%
Grade 5 White	59.6	68.8	9.2	15.4%
Grade 8 African-American	40.0	58.2	18.2	45.5%
Grade 8 White	73.2	85.1	11.9	16.3%
Grade 11 African-American	30.9	34.2	3.3	10.7%
Grade 11 White	66.8	72.9	6.1	9.1%

Data Source: eMetrics. Includes Full Academic Year students only. Beginning in 2007 PASA students are included.

*Grade 3 data are from 2004-05 because 2004-05 was the first year Grade 3 data are available.

Reading: From 2003-04 to 2008-09, the rate of positive change in African American achievement ranged from a 10.7% increase in Grade 11 to a 41.1% and a 45.5% increase in Grades 3 and 8.

**Reading PSSA: Percent Change from 2003-04* to 2008-09
in the Percentage of Proficient and Advanced African-American and White Students**



*Grade 3 data are from 2004-05 to 2008-09 because 2004-05 was the first year Grade 3 data were available.

Reading: Since 2003-04, the percent of African American males in Grade 8 scoring proficient or advanced on PSSA has increased from 35.4% to 51.8% or 16.4 percentage points (46.3%).

Percent of Students Proficient on PSSA Exam: Change over Time.

READING	2003-04 P + A	2008-09 P + A	Change in % Points	% Change
Grade 3 AA Males	30.9	45.6	14.7	47.6%
Grade 3 AA Females	41.2	56.4	15.2	36.9%
Grade 5 AA Males	28.9	31.9	3.0	10.4%
Grade 5 AA Females	34.4	47.6	13.2	38.4%
Grade 8 AA Males	35.4	51.8	16.4	46.3%
Grade 8 AA Females	44.0	64.0	20	45.5%
Grade 11 AA Males	23.7	31.0	7.3	30.8%
Grade 11 AA Females	37.0	37.0	0	0%

Data Source: eMetrics. Includes Full Academic Year students only. Beginning in 2007 PASA students are included.

*Grade 3 data are from 2004-05 because 2004-05 was the first year Grade 3 data are available.

Mathematics: Since 2003-04, the percent of African American students in Grade 8 scoring proficient or advanced on PSSA has increased from 22.5% to 45.4% or 22.9 percentage points (101.8%).

Percent of Students Proficient on PSSA Exam: Change over Time

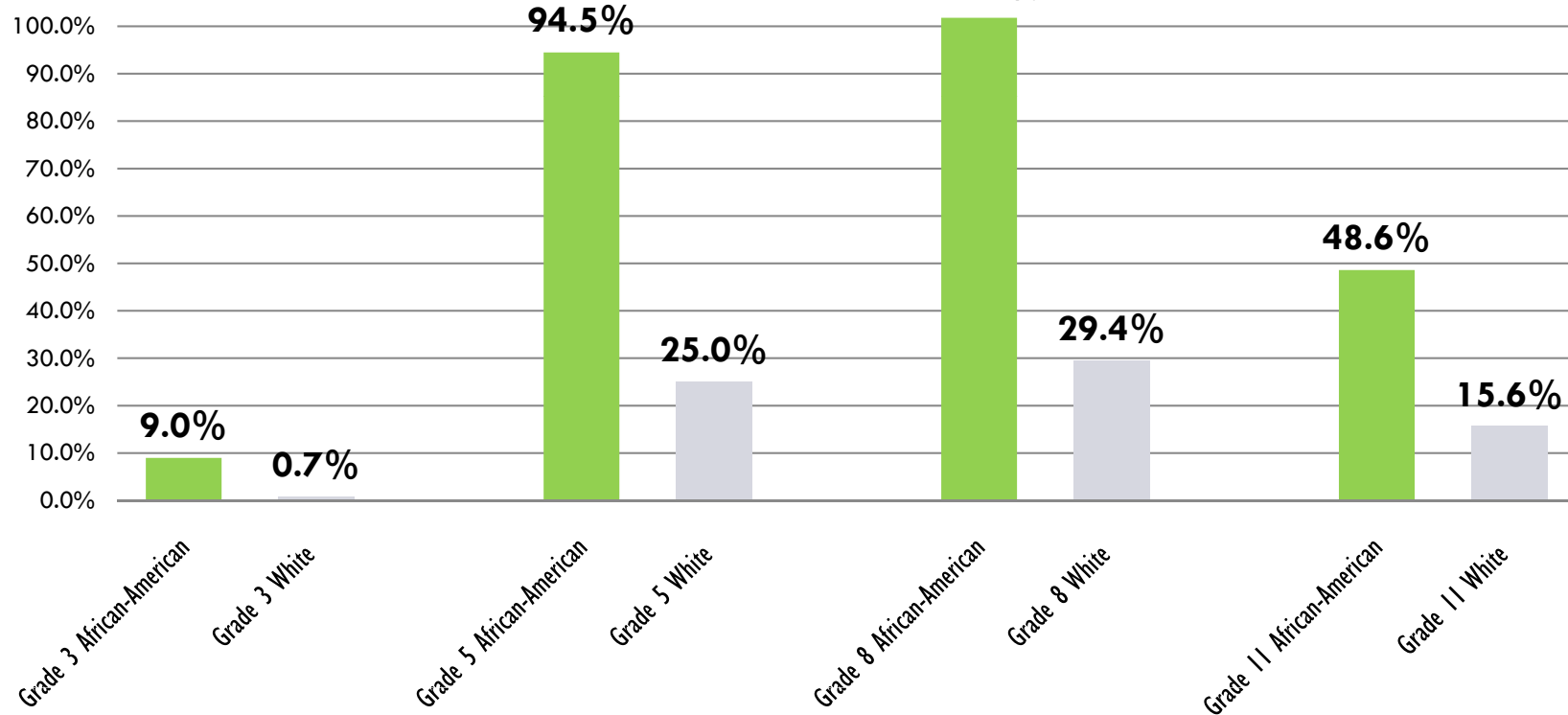
MATHEMATICS	2003-04 P + A	2008-09 P + A	Change in % Points	% Change
Grade 3 African American	55.7	60.7	5.0	9.0%
Grade 3 White	83.2	83.8	.6	.7%
Grade 5 African-American	27.2	52.9	25.7	94.5%
Grade 5 White	62.1	77.6	15.5	25.0%
Grade 8 African-American	22.5	45.4	22.9	101.8%
Grade 8 White	58.8	75.7	17.2	29.4%
Grade 11 African-American	18.3	27.2	8.9	48.6%
Grade 11 White	56.5	65.3	8.8	15.6%

Data Source: eMetrics. Includes Full Academic Year students only. Beginning in 2007 PASA students are included.

*Grade 3 data are from 2004-05 because 2004-05 was the first year Grade 3 data are available.

Mathematics: From 2003-04 to 2008-09, the rate of positive change in African American achievement ranged from a 9% increase in Grade 3 to a 94.5% and 101.8% increase in Grades 5 and 8.

Mathematics PSSA: Percent Change from 2003-04* to 2008-09
in the Percentage of Proficient and Advanced African-American and White Students



*Grade 3 data are from 2004-05 to 2008-09 because 2004-05 was the first year Grade 3 data were available.

Mathematics: Since 2003-04, the percent of African American females in Grade 8 scoring proficient or advanced on PSSA has increased from 22.7% to 45.4% or 22.7 percentage points (100%).

Percent of Students Proficient on PSSA Exam: Change over Time

MATHEMATICS	2003-04 P + A	2008-09 P + A	Change in % Points	% Change
Grade 3 AA Males	56.1	61.0	4.9	8.7%
Grade 3 AA Females	55.3	60.3	5.0	9.0%
Grade 5 AA Males	26.4	50.1	23.7	89.8%
Grade 5 AA Females	28.3	56.0	27.7	97.9%
Grade 8 AA Males	22.4	45.4	23.0	102.7%
Grade 8 AA Females	22.7	45.4	22.7	100%
Grade 11 AA Males	15.8	25.5	9.7	61.4%
Grade 11 AA Females	20.3	28.5	8.2	40.4%

Data Source: eMetrics. Includes Full Academic Year students only. Beginning in 2007 PASA students are included.

*Grade 3 data are from 2004-05 because 2004-05 was the first year Grade 3 data are available.

AYP: In 2009, African-American students met Reading and Mathematics performance targets at the elementary and middle grade spans (grades 3-5 and grades 6-8).

<i>At the district level, did African-American students meet the Reading AYP target?</i>					
READING	2005	2006	2007	2008	2009
3-5 Grade Span	No	No	No	No	Yes
6-8 Grade Span	No	Yes	No	Yes	Yes
9-12 Grade Span	No	Yes	No	No	No

<i>At the district level, did African-American students meet the Mathematics AYP target?</i>					
MATHEMATICS	2005	2006	2007	2008	2009
3-5 Grade Span	Yes	Yes	Yes	Yes	Yes
6-8 Grade Span	Yes	No	Yes	Yes	Yes
9-12 Grade Span	No	No	No	Yes	No

AYP: 100% of the K-5, K-8, and 6-8 schools, including ALAs, met Mathematics performance targets for African American students in 2009.

<i>What percent of schools met Reading targets for African-American students?</i>			
READING	2007	2008	2009
K-5/K-8 Schools	39%	67%	88%
6-8 Schools	60%	70%	100%
High Schools	40%	30%	56%

<i>What percent of schools met Mathematics targets for African-American students?</i>			
MATHEMATICS	2007	2008	2009
K-5/K-8 Schools	71%	91%	100%
6-8 Schools	90%	80%	100%
High Schools	40%	90%	22%

Note: This table was revised on 12/4/09 to include only those schools with data for an African-American subgroup, i.e., schools with at least 40 AA students in the grade span.

Pennsylvania Value Added Assessment System (PVAAS): In 2009, the growth of African-American students predicted to score Proficient or Advanced on the PSSA was less than the growth of African-American students predicted to score Basic or Below Basic.

**2009 PVAAS Growth of African- American Students
in Predicted Performance Levels**

Reading	Below Basic	Basic	Proficient	Advanced
Grade 4	Exceed	Below	Below	Below
Grade 5	Exceed	Exceed	Met	Below
Grade 6	Exceed	Met	Below	Met
Grade 7	Exceed	Exceed	Exceed	Exceed
Grade 8	Exceed	Exceed	Exceed	Exceed
Grade 11	Below	Below	Below	Below

Mathematics	Below Basic	Basic	Proficient	Advanced
Grade 4	Exceed	Exceed	Exceed	Below
Grade 5	Exceed	Exceed	Met	Below
Grade 6	Exceed	Exceed	Exceed	Met
Grade 7	Exceed	Exceed	Exceed	Below
Grade 8	Exceed	Exceed	Exceed	Met
Grade 11	Met	Below	Below	Below

Exceeded one year of growth
Met one year of growth
Less than one year of growth



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Disparity between African-American and White Students

Disparity in PSSA Performance: Since 2004-05, the disparity between African-American and White performance has been reduced on 5 of 7 Reading exams and 7 of 7 Mathematics exams.

**Percentage Point Reduction in African-American and White Disparity on PSSA Exams
2004-05 to 2008-09**

Grade	Reading	% Point reduction	Mathematics	% Point reduction
3	✓	-4.8	✓	-4.4
5			✓	-2.5
8	✓	-8.1	✓	-3.2
11	✓	-1.3	✓	-3.1

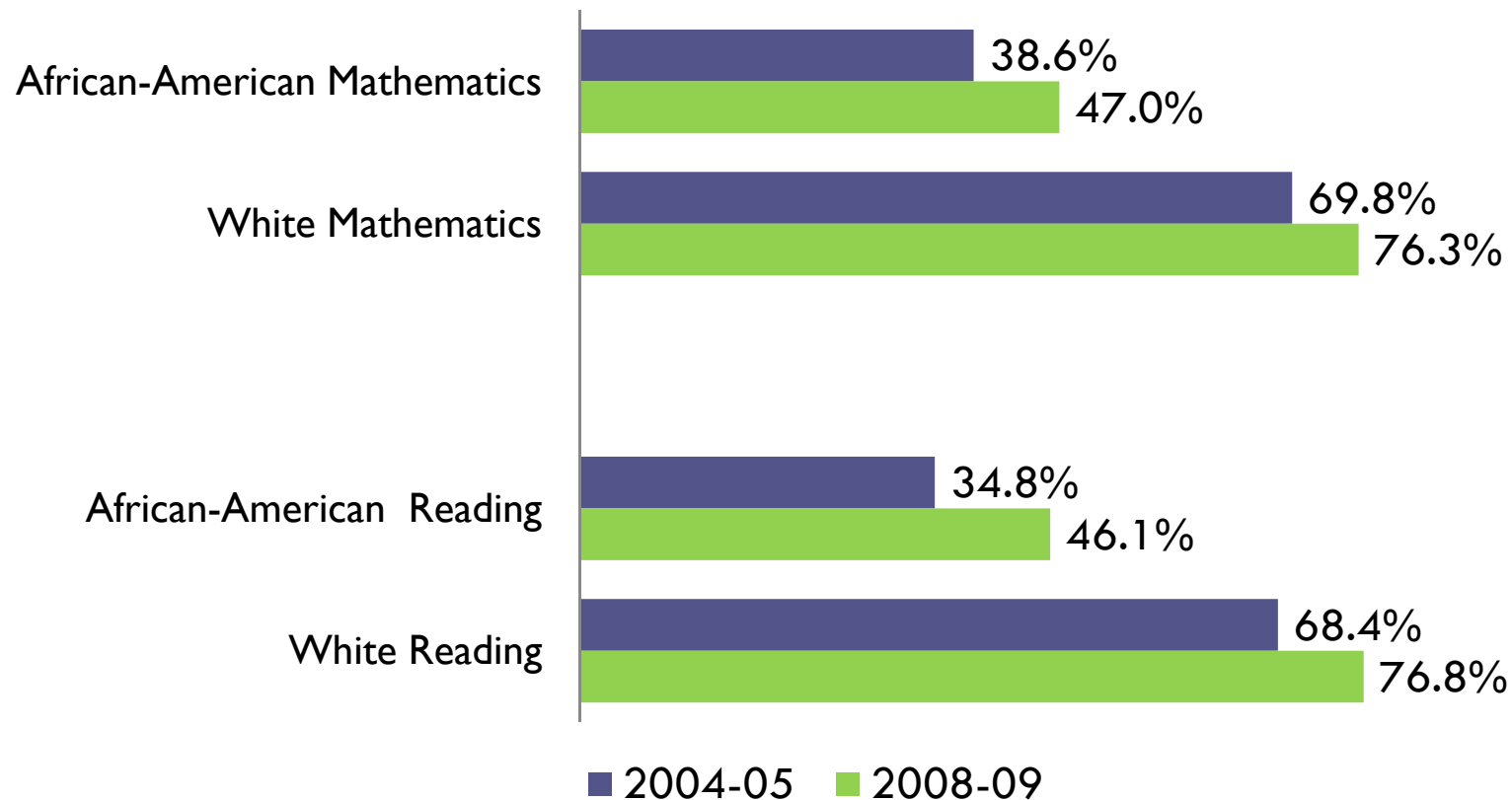
2005-06 to 2008-09

Grade	Reading	% Point reduction	Mathematics	% Point reduction
4	✓	-1.7	✓	-4.3
6			✓	-4.1
7	✓	-1.6	✓	-1.3

*2005-06 was the first year of data for Grade 4, 6 and 7.

Disparity in PSSA Performance: Performance is improving for all, but the disparity between African-American and White students persists.

Percent of Proficient and Advanced Students: Grades 3, 5, 8 and 11 Combined



Disparity in Suspension: In 2009, 6,115 (41%) of all African-American students received at least one 1-3 day suspension compared to 1,438 (15%) of all White students. The risk indices and risk ratios have remained at 2005-06 levels.

Students receiving at least one <u>1 to 3</u> day suspension	05-06	06-07	07-08	08-09
All Students	9,037	9,327	8,607	7,936
<i>Risk Index (% of enrollment)</i>	<i>29%</i>	<i>32%</i>	<i>31%</i>	<i>30%</i>
African-American	6,860	7,186	6,562	6,115
<i>Risk Index (% of enrollment)</i>	<i>39%</i>	<i>43%</i>	<i>41%</i>	<i>41%</i>
White	1,827	1,716	1,640	1,438
<i>Risk Index (% of enrollment)</i>	<i>16%</i>	<i>16%</i>	<i>16%</i>	<i>15%</i>
AA Risk Ratio	2.4	2.7	2.6	2.7

Disparity in Suspension: In 2009, 728 (5%) of all African-American students received at least one 4-10 day suspension compared to 113 (1%) of all White students. The risk indices and risk ratios have remained at 2005-06 levels.

Students receiving at least one <u>4 to 10</u> day suspension	05-06	06-07	07-08	08-09
All Students	1,113	1,323	1,079	878
<i>Risk Index (% of enrollment)</i>	4%	5%	4%	3%
African-American	934	1,117	882	728
<i>Risk Index (% of enrollment)</i>	5%	7%	6%	5%
White	143	154	149	113
<i>Risk Index (% of enrollment)</i>	1%	1%	2%	1%
AA Risk Ratio	5.0	7.0	3.0	5.0

Disparity in Expulsion: Less than 1% of both African-American and White students are expelled each year.

Students receiving a suspension longer than 10 days, or Expelled	05-06	06-07	07-08	08-09
All Students	14	31	26	11
<i>Risk Index (% of enrollment)</i>	.1%	.2%	.2%	.1%
African-American	10	25	17	9
<i>Risk Index (% of enrollment)</i>	.1%	.3%	.2%	.1%
White	3	5	8	0
<i>Risk Index (% of enrollment)</i>	.1%	.1%	.2%	0%
AA Risk Ratio	1.0	3.0	1.0	na

Disparity in Reading Grades: The disparity between the percent of African American and White students getting A/B's persists.

		% of A/B's in Reading Grades		% point change	% of E's in Reading Grades		% point change
		2005-06	2008-09		2005-06	2008-09	
Grades 1-5	African-American	54%	46%	-8	5%	5%	0
	White	75%	72%	-3	3%	1%	-2
Grades 6-8	African-American	44%	49%	+5	5%	5%	0
	White	67%	72%	+5	2%	2%	0
Grades 9-12	African-American	29%	30%	+1	27%	17%	-10
	White	55%	57%	+2	14%	7%	-7

Disparity in Mathematics Grades: The disparity between the percent of African-American and White students getting A/B's persists.

		% of A/B's in Reading Grades		% point change	% of E's in Reading Grades		% point change
		2005-06	2008-09		2005-06	2008-09	
Grades 1-5	African-American	52%	53%	+1	6%	3%	-3
	White	73%	77%	+4	2%	1%	-1
Grades 6-8	African-American	34%	40%	+6	8%	5%	-1
	White	56%	61%	+5	4%	2%	0
Algebra I, Grade 8	African-American	47%	58%	+11	8%	1%	-7
	White	71%	79%	+8	4%	1%	-3
Algebra I, Grade 9	African-American	20%	19%	-1	38%	27%	-11
	White	36%	34%	-2	26%	20%	-6



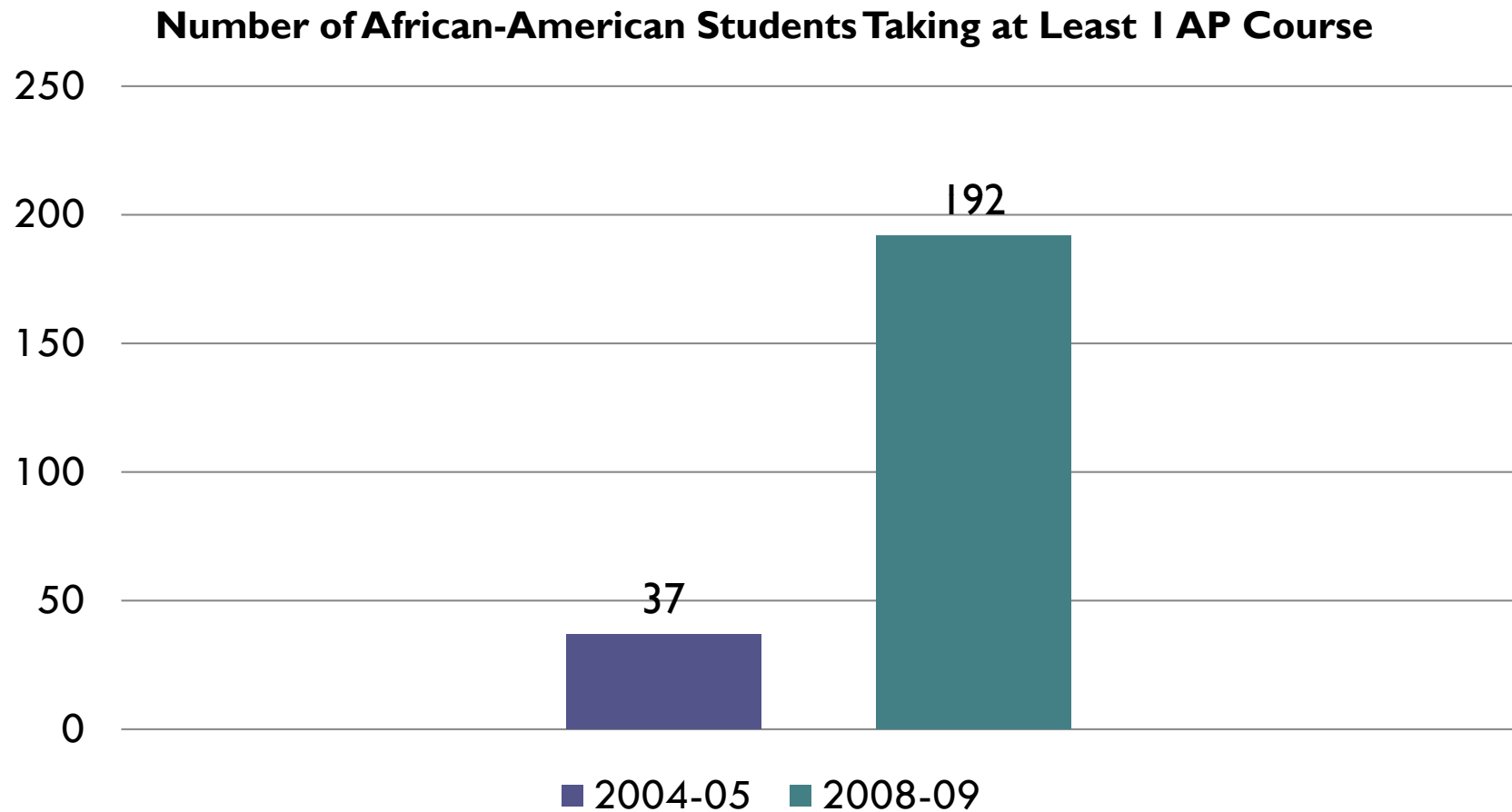
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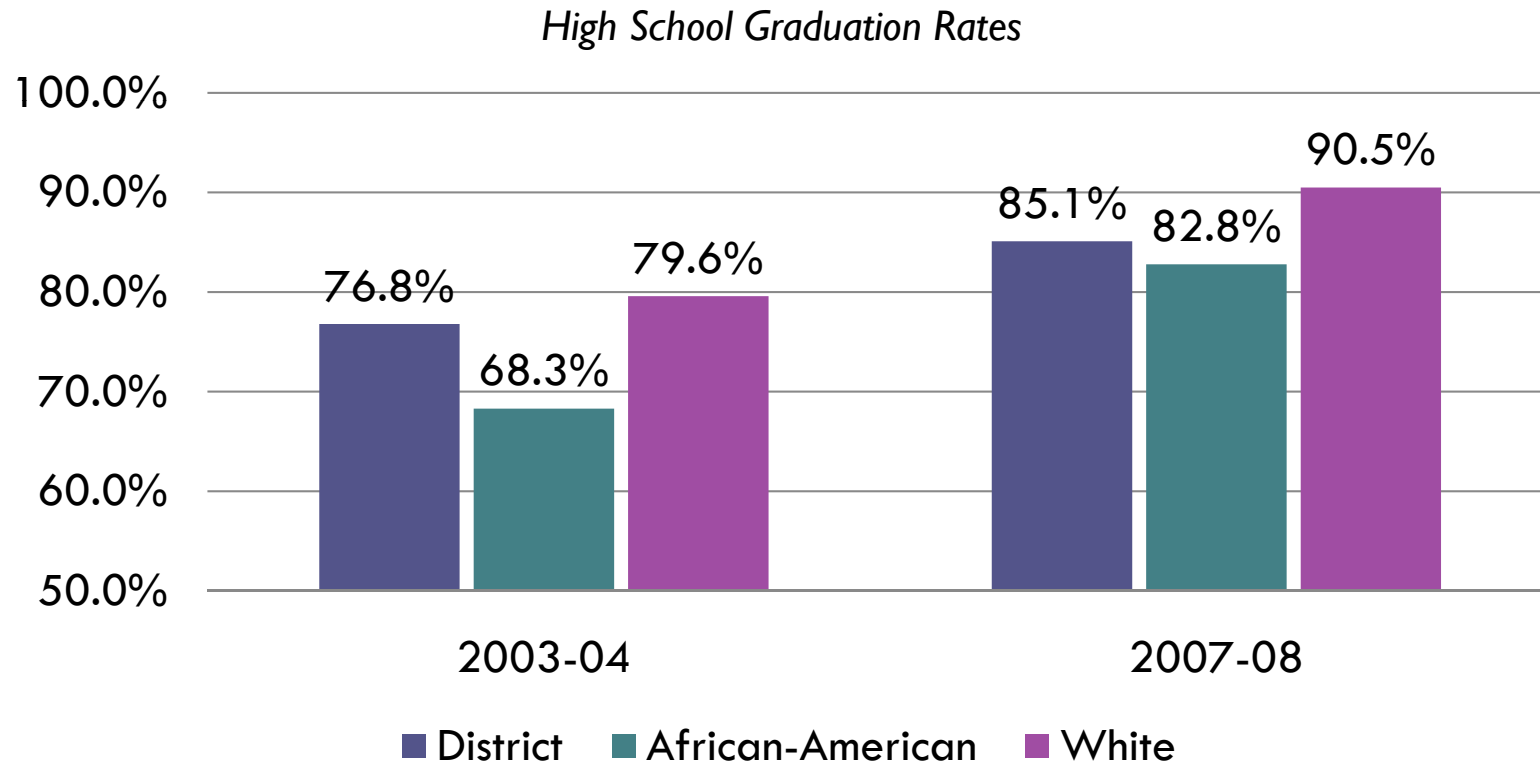
High School Trends

Advanced Placement Courses: The number of African-American students taking at least one AP course increased dramatically from 2004-05 to 2008-09.

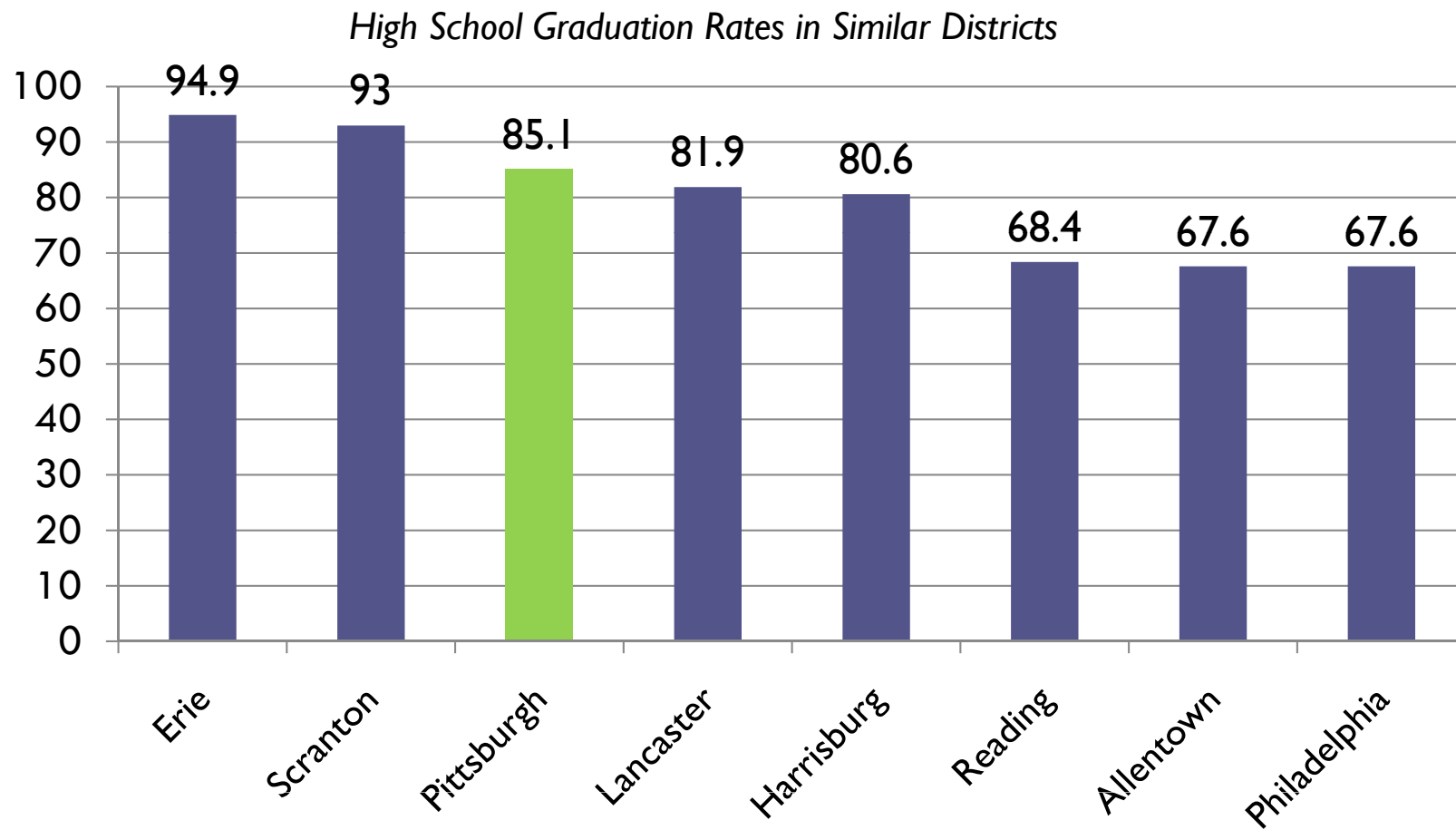


High School Graduation Rate: The graduation rate for both African American and White students has improved since 2003-04. In addition, the disparity between these two groups decreased from 11.3 to 7.7 percentage points.

This data should be viewed with caution. They are based on the state's graduation rate formula, which is being revised for 2010.

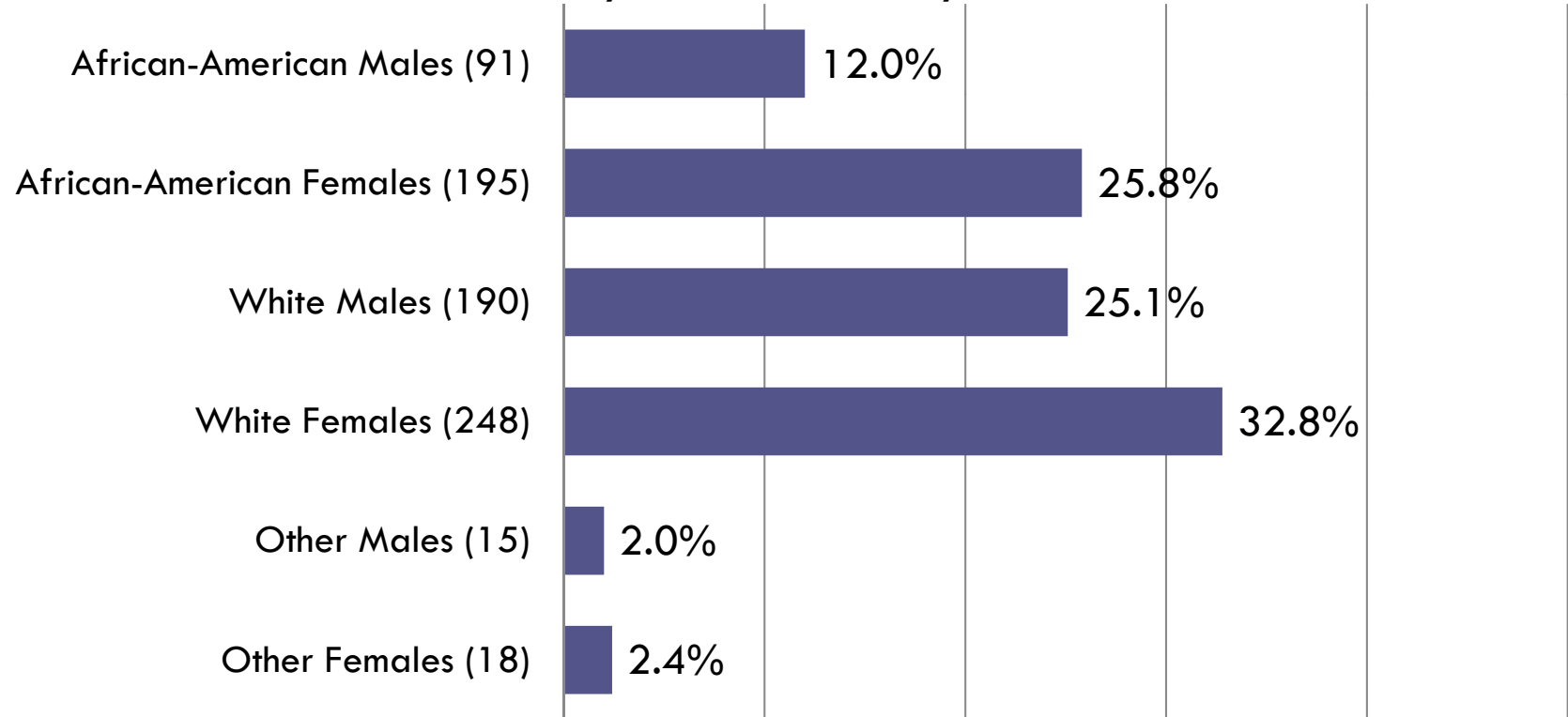


High School Graduation Rates: Pittsburgh's 2007-08 graduation rate of 85.1% is higher than several similar districts in Pennsylvania.



Pittsburgh Promise Scholarships: In 2008, scholarships totaling \$2.5 million were awarded to 757 students. African-American students received 286 or 37.8% of these scholarships.

**Number and Percent of 2008 Promise Scholarships
by Gender and Ethnicity**





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Enrollment Trends

K-5 Enrollment: Enrollment declines for African-American and White students were smallest in the most recent year.

Kdg to Grade 5 Enrollment*	% change 2005-06 to 2006-07	% change 2006-07 to 2007-08	% change 2007-08 to 2008-09	% change 2008-09 to 2009-10
Total	-4.9%	-2.6%	-3.9%	-.5%
African-American	-5.4%	-.9%	-5.0%	-.5%
White	-4.8%	-5.5%	-3.8%	-2.2%
Other	-2.7%	-1.1%	-2.1%	+6.2%

*Enrollment data are taken from official enrollment reports generated each October.

Grades 6-8 Enrollment: Enrollment declines for African-American and White students were smallest this year.

Grade 6-8 Enrollment*	% change 2005-06 to 2006-07	% change 2006-07 to 2007-08	% change 2007-08 to 2008-09	% change 2008-09 to 2009-10
Total	-7.7%	-4.7%	-6.6%	-3.1%
African-American	-8.0%	-5.9%	-7.2%	-4.2%
White	-8.5%	-5.1%	-7.0%	-3.0%
Other	+1.8%	-9.5%	+2.2%	+5.9%

*Enrollment data are taken from official enrollment reports generated each October.

Grades 9-12 Enrollment: The enrollment decline was smaller in the most recent school year, especially for White students.

Grade 9-12 Enrollment*	% change 2005-06 to 2006-07	% change 2006-07 to 2007-08	% change 2007-08 to 2008-09	% change 2008-09 to 2009-10
Total	-4.5%	-5.5%	-7.7%	-3.4%
African-American	-3.6%	-3.8%	-6.6%	-4.9%
White	-7.1%	-8.5%	-10.9%	-3.2%
Other	+9.3%	0%	+4.4%	+10.4%

*Enrollment data are taken from official enrollment reports generated each October.