2014 District of Columbia
Comprehensive Assessment System Results (DC CAS)

Office of the State Superintendent of Education

Jesús Aguirre, State Superintendent
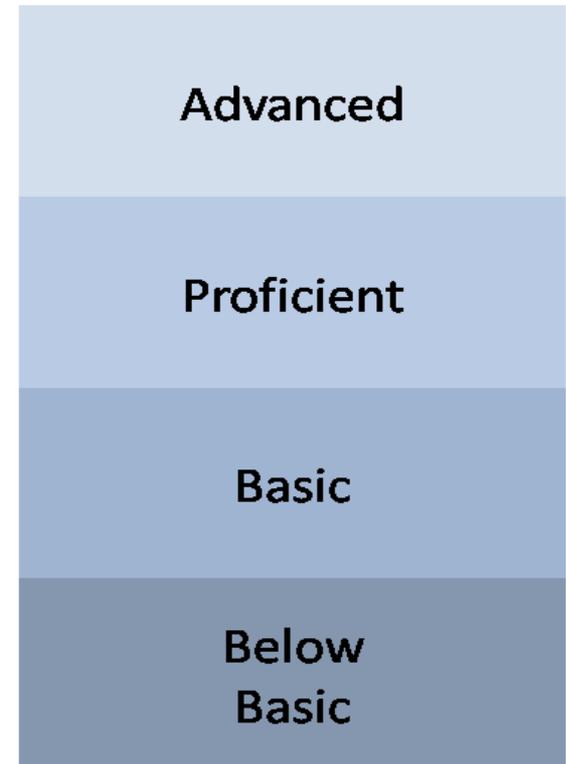
Thursday, July 31, 2014

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DC CAS Overview

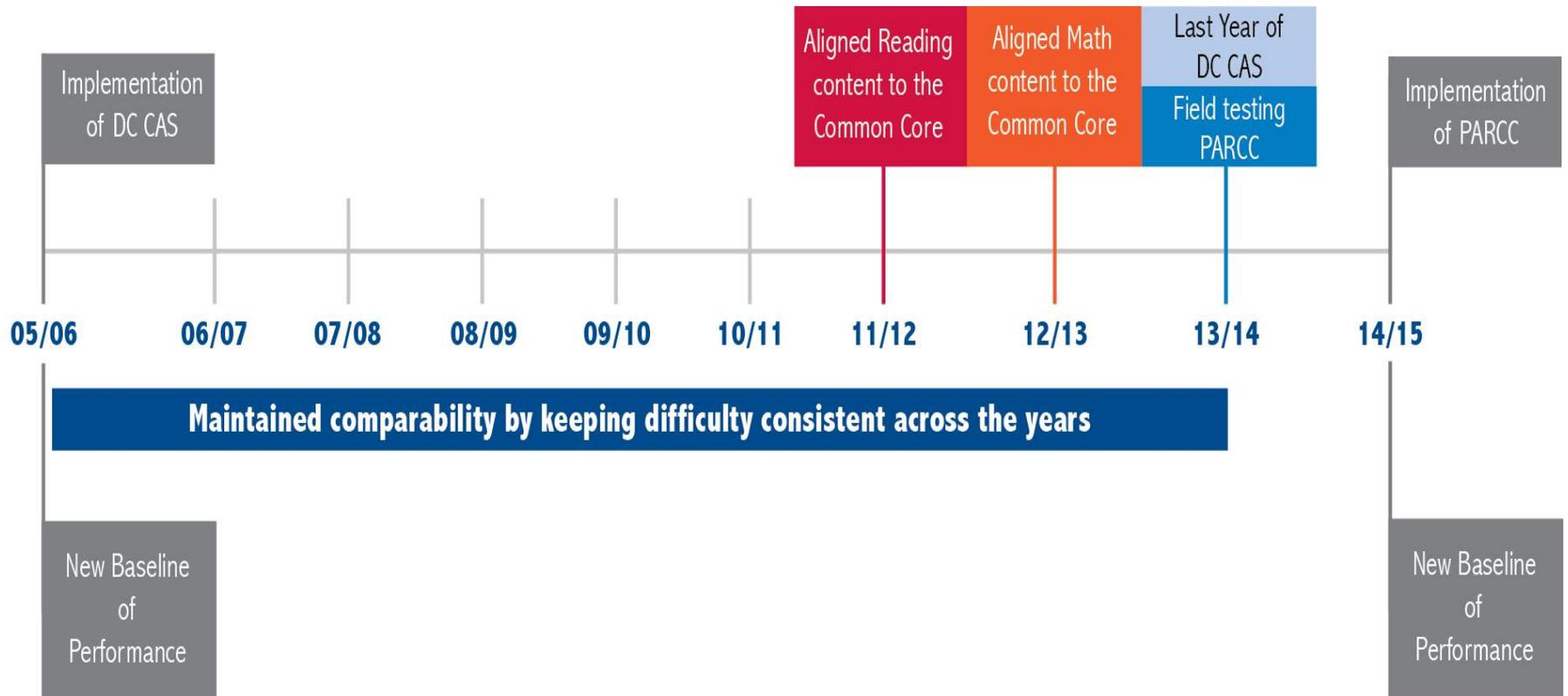**DC CAS measures students' performance based on the DC content standards.**

DC adopted new college and career readiness standards (Common Core State Standards) in 2010.

- DC has worked to partially align its state assessments to the Common Core State Standards (CCSS). Partial alignment in Reading and Composition completed in 2012; partial Math alignment completed in 2013.

- In the 2014-15 school year, DC will implement a new assessment, PARCC, that is designed from the ground up to be aligned to the CCSS for Math, Reading and Composition. PARCC will establish a new bar for proficiency, setting a new baseline for proficiency rates.

Students are scored at four levels of mastery in DC CAS

Advanced

Proficient

Basic

Below Basic

DC Assessment Timeline

Implementation of DC CAS

Aligned Reading content to the Common Core

Aligned Math content to the Common Core

Last Year of DC CAS

Field testing PARCC

Implementation of PARCC

05/06　06/07　07/08　08/09　09/10　10/11　11/12　12/13　13/14　14/15

Maintained comparability by keeping difficulty consistent across the years

New Baseline of Performance

New Baseline of Performance

DC Assessment Participation

2014 DC CAS Testing Window:
March 31 – April 11**

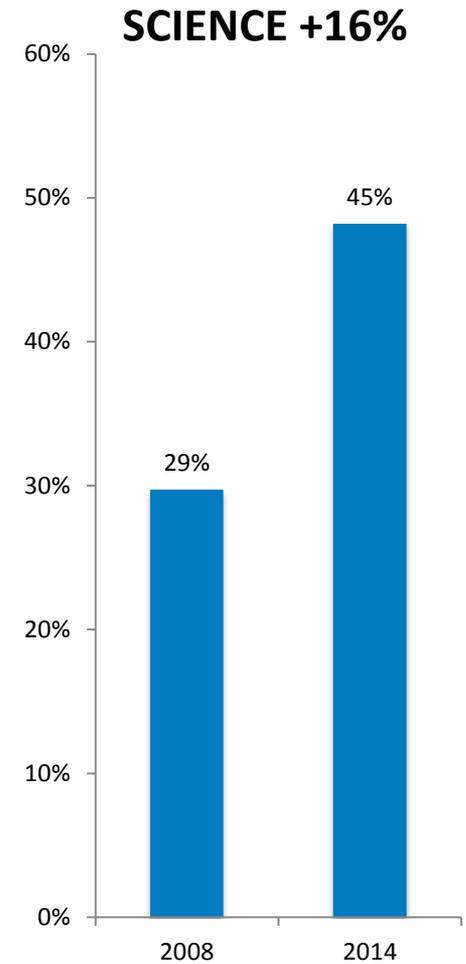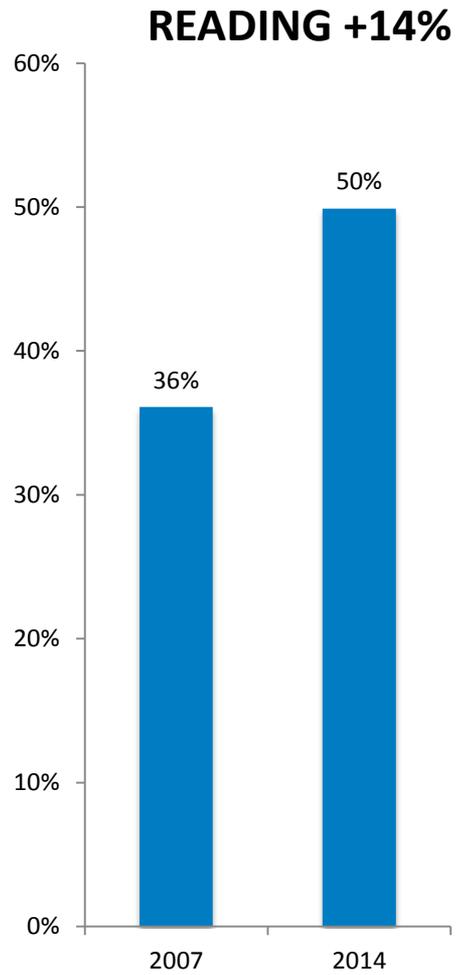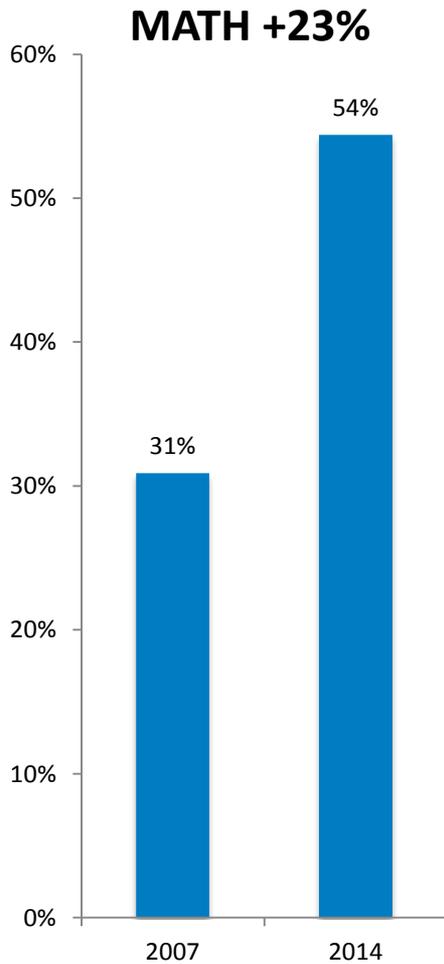| Local Education Agencies	Schools	Students
61 Total 1 DCPS 60 PCS	**217** Total* 109 DCPS 106 PCS	**82,958** Total 46,393 DCPS (56%) 36,565 PCS (44%)
49 Tested 1 DCPS 48 PCS	**192** Tested 109 DCPS 84 PCS	**32,962** Tested 19,702 (60%) DCPS 13,260 (40%) PCS

*This accounts for school closures and newly opened charter schools.

**This test window is three weeks earlier than SY2012-2013. There were several additional snow days, which resulted in an over 10% decrease in instructional days prior to testing.
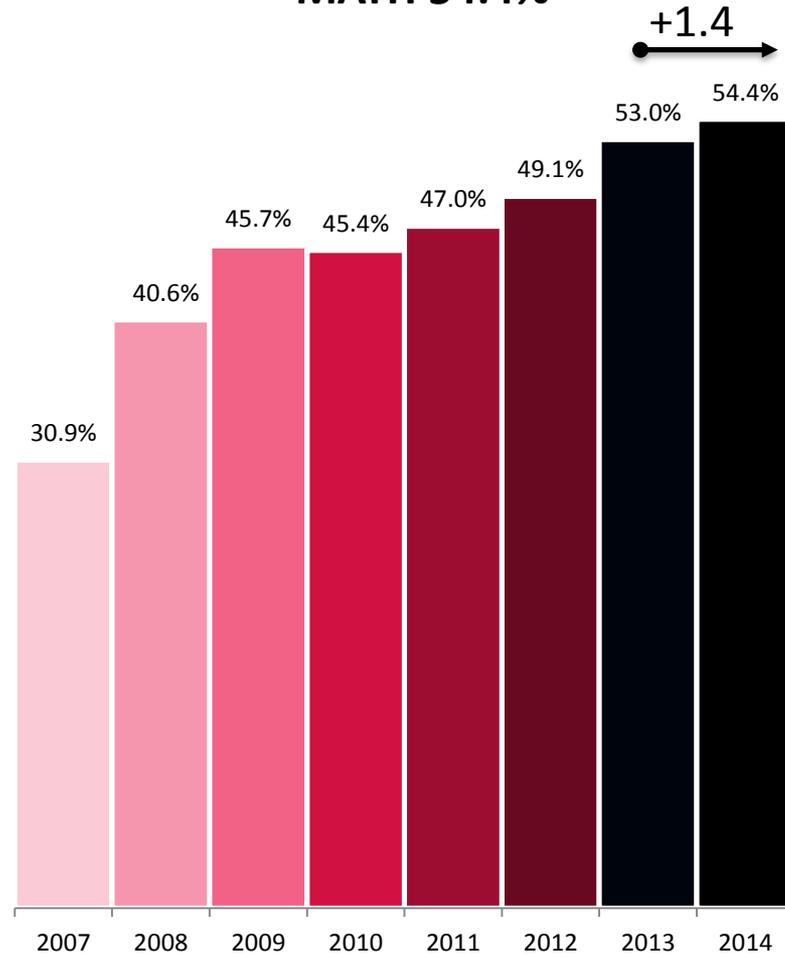
2014 Summary of Statewide Results

- Highlights from 2014 DC CAS
  - Sustained historic 2013 gains in DC CAS and validated 2013 NAEP results
  - Growth in **Reading, Math, and Science**
  - Two schools exited from priority status – the first ever to do so:
    Stanton ES & Kelly Miller MS
  - Highest 10th grade growth in 6 years

- Looking Forward
  - New assessments will be aligned to college and career readiness, and will be available on technology enhanced platforms
    - PARCC to replace DC CAS Math, Reading and Composition in Spring 2015
    - Next Generation Science and Health to replace DC CAS Science and Health in 2015
  - New assessments will establish new performance baseline, not aligned with the DC CAS

Substantial Improvements Since 2007

MATH +23%

2007	2014
31%	54%

READING +14%

2007	2014
36%	50%

SCIENCE +16%

2008	2014
29%	45%

State Progress by Subject 2007 - 2014

MATH 54.4%

Year	Value
2007	30.9%
2008	40.6%
2009	45.7%
2010	45.4%
2011	47.0%
2012	49.1%
2013	53.0%
2014	54.4%

+1.4

READING 49.9%

Year	Value
2007	36.1%
2008	43.8%
2009	46.4%
2010	45.1%
2011	45.5%
2012	45.4%
2013	49.5%
2014	49.9%

+0.4

DCPS Progress by Subject 2007 - 2014

MATH 51.1%

= State Average

READING 47.7%

+1.6

State Avg: 54.4%

27.9% 38.6% 43.9% 42.8% 43.2% 45.9% 49.5% 51.1%

2007 2008 2009 2010 2011 2012 2013 2014

+0.3

State Avg: 49.9%

34.0% 42.8% 44.9% 43.3% 43.0% 43.4% 47.4% 47.7%
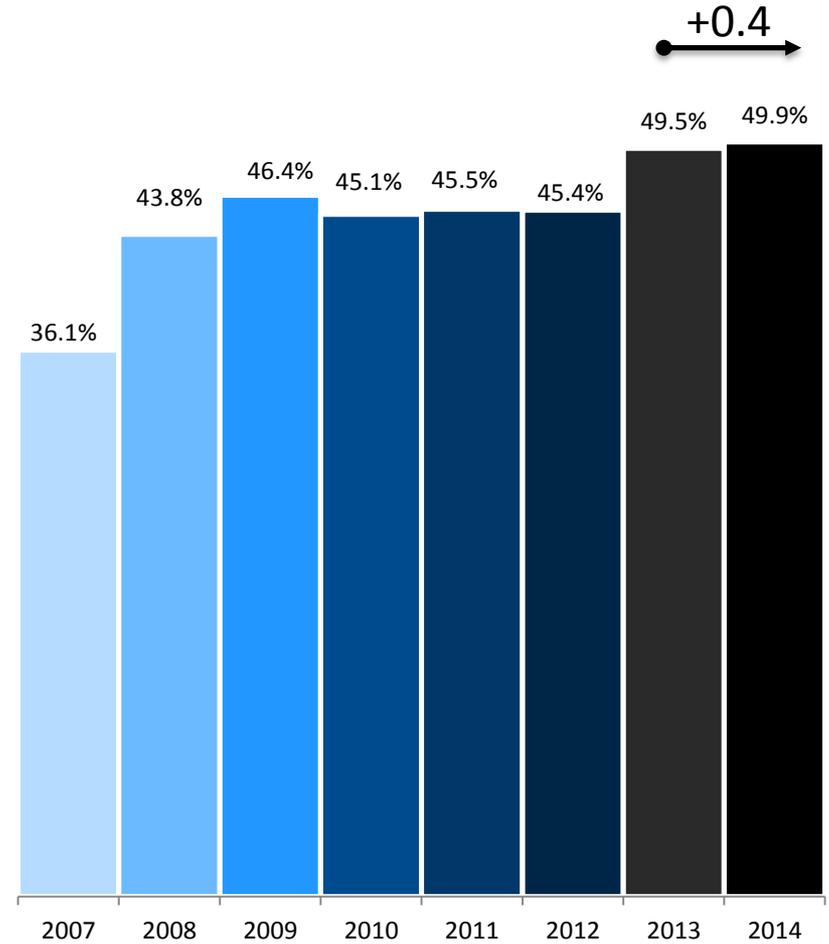
2007 2008 2009 2010 2011 2012 2013 2014

PCS Progress by Subject 2007 - 2014

MATH 59.6%

= State Average

READING 53.4%

Math chart:
- 2007: 39.4%
- 2008: 45.1%
- 2009: 48.9%
- 2010: 49.8%
- 2011: 53.6%
- 2012: 54.7%
- 2013: 58.6%
- 2014: 59.6%

+1.0

State Avg: 54.4%

Reading chart:
- 2007: 42.2%
- 2008: 46.0%
- 2009: 49.1%
- 2010: 48.2%
- 2011: 49.7%
- 2012: 49.1%
- 2013: 53.0%
- 2014: 53.4%

+0.4

State Avg: 49.9%
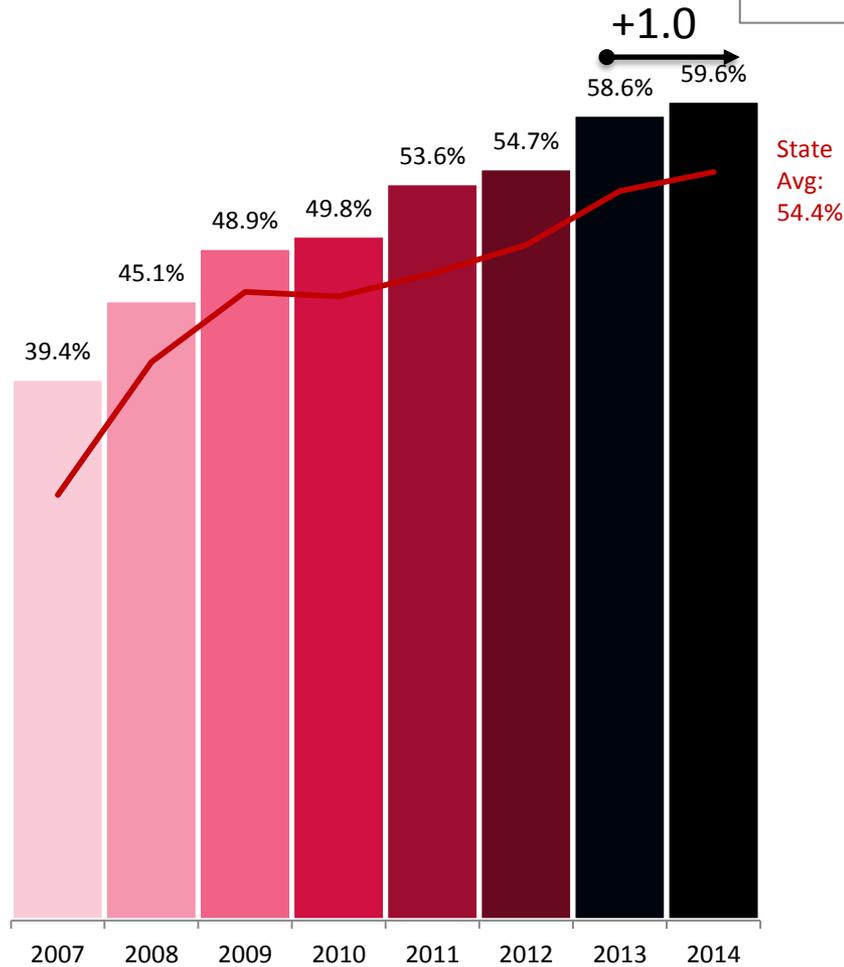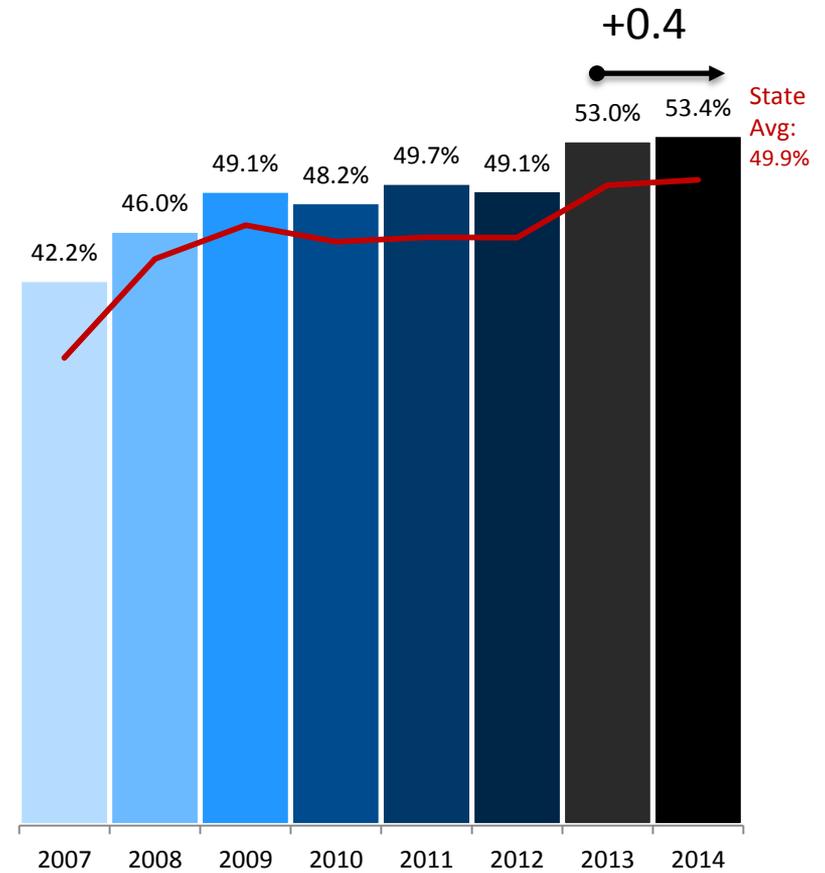
State Science and Composition Results 2008-2014

SCIENCE 45%

+2.7

45.0%
42.3%
40.9%
38.7%
38.0%
33.2%
29.2%

2008 2009 2010 2011 2012 2013 2014

COMPOSITION 50.0%

-0.9

50.9% 50.0%
46.9%

2012 2013 2014

DCPS Progress in Science and Composition 2008 - 2014

SCIENCE 43.1%

COMPOSITION 48.2%

━━━ = State Average

+2.4

-1.9

State Average: 45.0%

State Average: 50.5%

Science (2008–2014):
- 2008: 29.0%
- 2009: 31.2%
- 2010: 37.3%
- 2011: 33.6%
- 2012: 38.9%
- 2013: 40.7%
- 2014: 43.1%
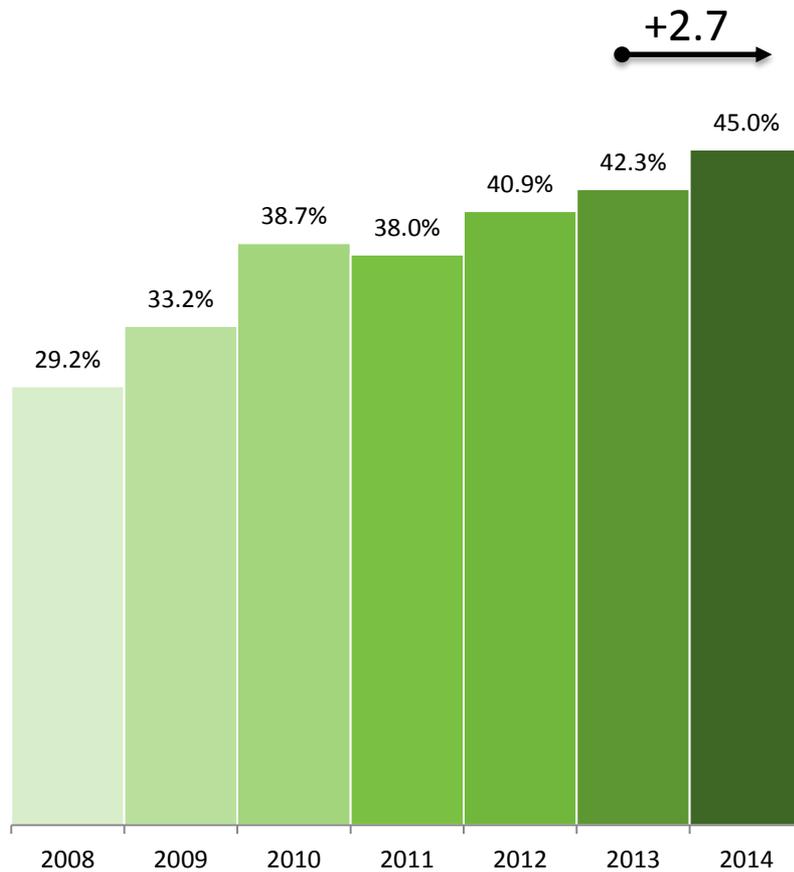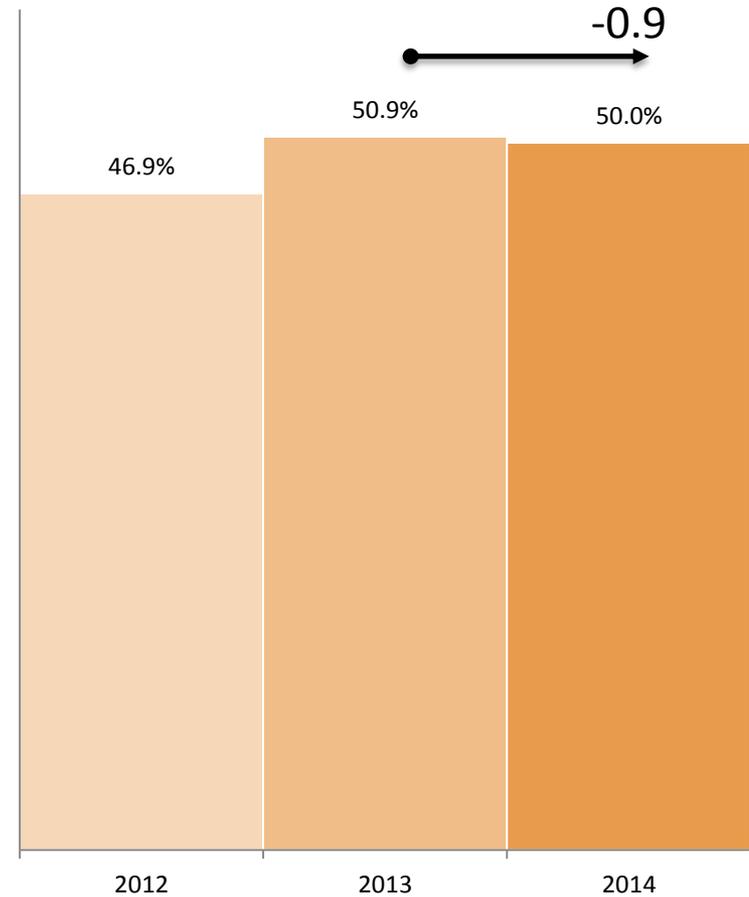
Composition (2012–2014):
- 2012: 45.7%
- 2013: 50.1%
- 2014: 48.2%
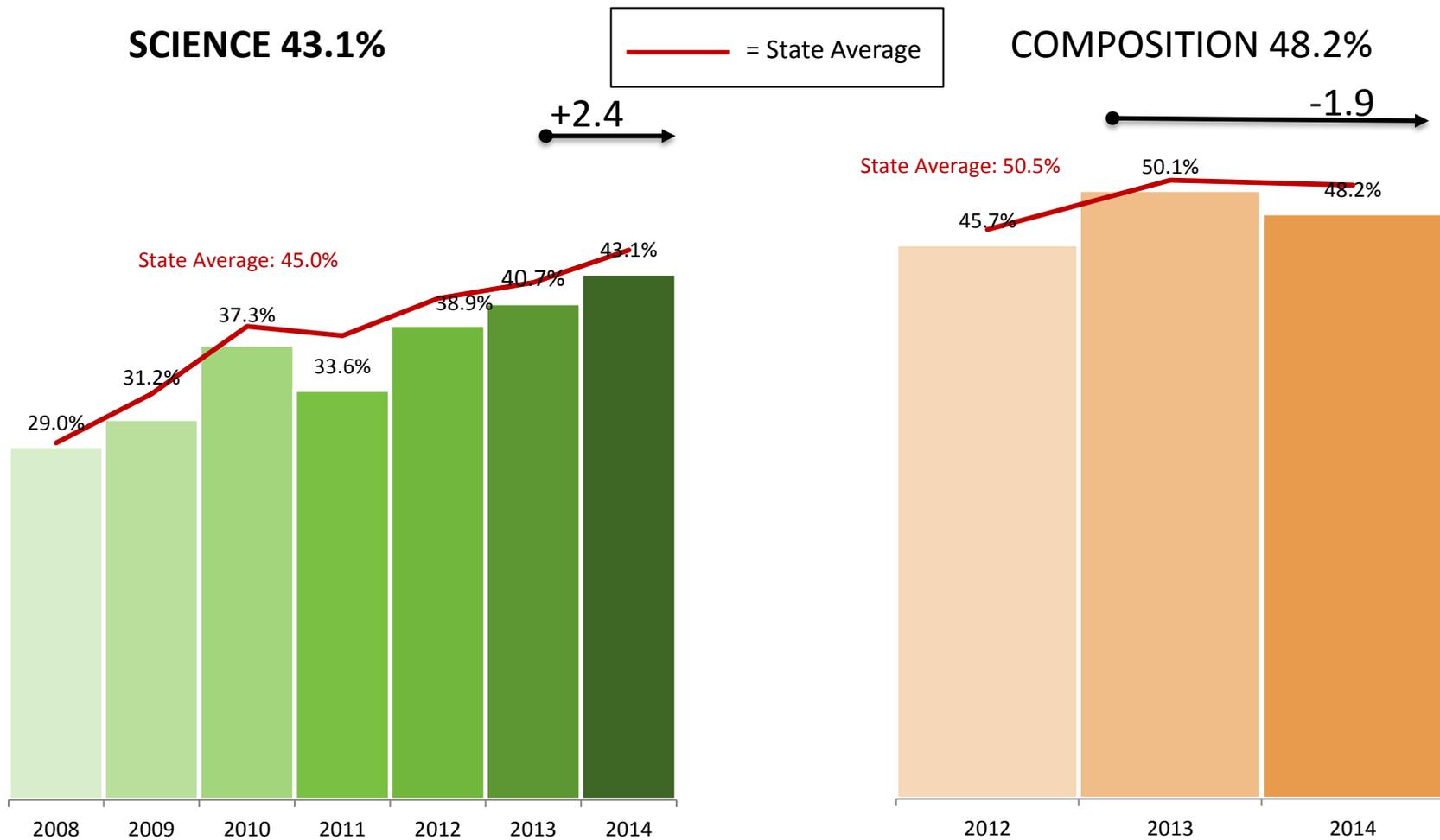
PCS Progress in Science and Composition 2008 - 2014

= State Average

SCIENCE 48.2%

+3.5

- 2008: 29.7%
- 2009: 36.5%
- 2010: 41.1%
- 2011: 45.1%
- 2012: 44.2%
- 2013: 44.7%
- 2014: 48.2%

State Avg.: 45.0%

COMPOSITION 52.8%

+0.6

52.2%   52.8%

- 2012: 48.6%
- 2013
- 2014

State Avg: 50.5%
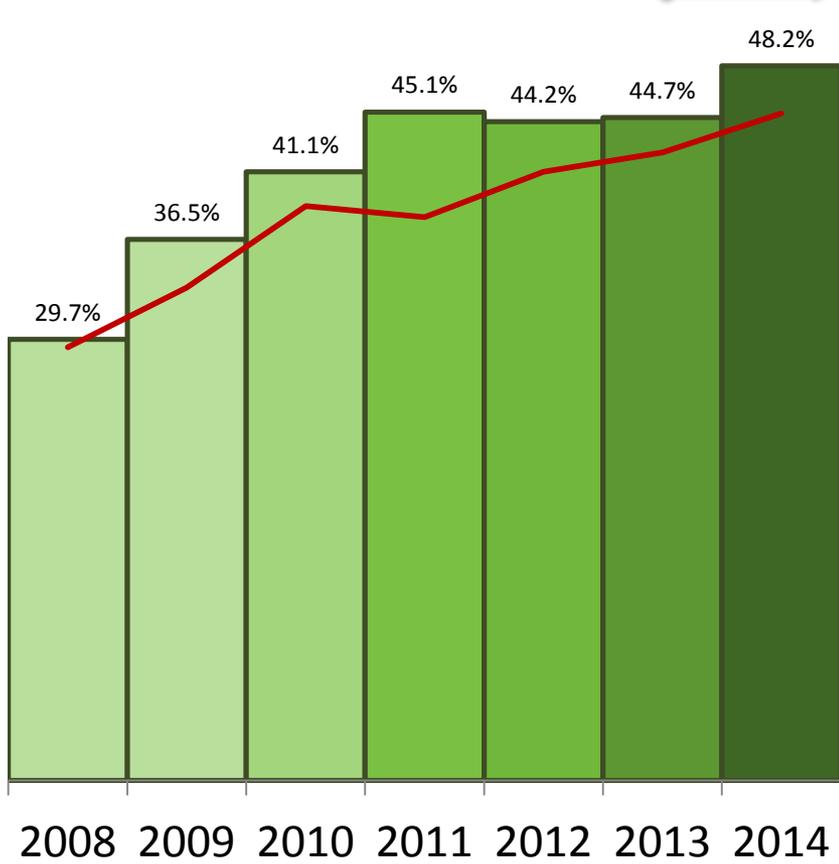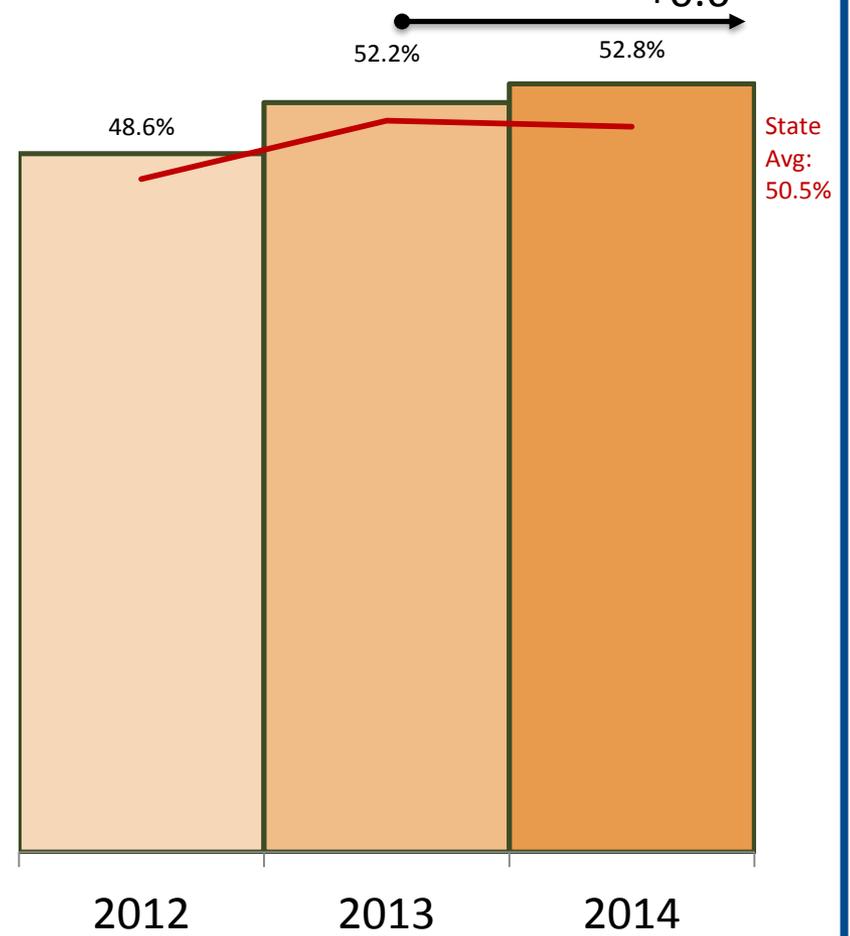
2014 Results by Subject by Sector

Content	State		DCPS		PCS	
	Percent Proficient	**Growth from 2013**	**Percent Proficient**	**Growth from 2013**	**Percent Proficient**	**Growth from 2013**
Math	54.4%	1.4%	51.1%	1.6%	59.6%	1.0%
Reading	49.9%	0.4%	47.7%	0.3%	53.3%	0.3%
Science	45.0%	2.7%	43.1%	2.4%	48.2%	3.5%
Composition	50.0%	-0.9%	48.2%	-1.9%	52.8%	0.6%

2014 Results by Student Sub-group (Math)

	State			DCPS			PCS		
	2013	2014	Change	2013	2014	Change	2013	2014	Change
All	53.0	54.4	1.4	49.5	50.9	1.4	58.6	59.6	1.0
Asian	86.0	86.6	0.6	85.8	85.8	0.0	87.5	89.5	2.0
African American	47.1	48.1	1.0	40.1	40.8	0.7	56.2	57.3	1.1
Economically Disadvantaged	46.2	47.4	1.2	40.4	40.9	0.5	54.5	56.1	1.6
English Language Learner	50.2	49.4	-0.8	48.3	49.9	1.6	53.7	48.6	-5.1
Female	55.5	57.4	1.9	52.2	54.3	2.1	60.4	61.8	1.4
Hispanic	58.6	58.3	-0.3	57.4	58.0	0.6	61	58.7	-2.3
Male	50.6	51.5	0.9	47.0	47.6	0.6	56.6	57.3	0.7
Mixed Race	82.7	85.9	3.2	84.5	87.0	2.5	79.1	83.8	4.7
Special Education	24.0	24.3	0.3	20.5	20.4	-0.1	29.4	29.9	0.5
White	91.0	92.0	1.0	91	92.2	1.2	91.3	91	-0.3

Note: This slide excludes two subgroups: (1) Native Hawaiian / Pacific Islander and (2) American Indian / Native Alaskan

2014 Results by Student Sub-group (Reading)

	State			DCPS			PCS		
	2013	2014	Change	2013	2014	Change	2013	2014	Change
All	49.5	49.9	0.4	47.4	47.7	0.3	53.0	53.4	0.4
Asian	74.1	78.4	4.3	73.1	78.2	5.1	77.3	79.0	1.7
African American	43.7	43.8	0.1	38.7	38.5	-0.2	50.5	50.5	0.0
Economically Disadvantaged	42.1	41.9	-0.2	37.7	36.5	-1.2	48.4	49.1	0.7
English Language Learner	39.6	37.3	-2.3	36.8	36.3	-0.5	44.6	39.1	-5.5
Female	55.5	56.0	0.5	53.4	53.7	0.3	58.9	59.2	0.3
Hispanic	52.2	50.0	-2.2	51.1	48.6	-2.5	54.7	52.5	-2.2
Male	43.6	43.9	0.3	41.8	41.6	-0.2	46.8	47.3	0.5
Mixed Race	80.2	83.1	2.9	82.8	83.7	0.9	75.0	81.9	6.9
Special Education	19.3	19.7	0.4	18.2	17.6	-0.6	21.3	22.7	1.4
White	91.8	92.1	0.3	92	91.6	-0.4	91.1	93.9	2.8

Note: This slide excludes two subgroups: (1) Native Hawaiian / Pacific Islander and (2) American Indian / Native Alaskan

2014 Results by Grade (Math)

	State			DCPS			PCS		
	2013	2014	Change	2013	2014	Change	2013	2014	Change
3rd	43.0	47.1	4.1	43.0	47.8	4.8	43.5	46.1	2.6
4th	58.1	59.1	1.0	55.8	56.2	0.4	63.2	64.0	0.8
5th	51.1	52.9	1.8	49.1	48.7	-0.4	54.8	59.6	4.8
6th	52.6	51.3	-1.3	47.2	46.7	-0.5	58.0	56.3	-1.7
7th	58.1	58.2	0.1	52.8	52.6	-0.2	64.5	64.7	0.2
8th	65.4	64.4	-1.0	57.0	58.2	1.2	75.9	72.8	-3.1
10th	44.8	50.4	5.6	44.1	48.2	4.1	46.8	54.2	7.4

2014 Results by Grade (Reading)

	State			DCPS			PCS		
	2013	2014	Change	2013	2014	Change	2013	2014	Change
3rd	43.7	43.9	0.2	44.0	43.1	-0.9	43.7	45.4	1.7
4th	51.9	50.2	-1.7	50.7	48.4	-2.3	54.8	53.3	-1.5
5th	53.9	54.4	0.5	52.0	50.8	-1.2	57.3	60.1	2.8
6th	42.1	44.9	2.8	39.7	42.5	2.8	44.6	47.5	2.9
7th	55.8	55.6	-0.2	52.8	52.2	-0.6	59.9	59.7	-0.2
8th	55.3	53.3	-2.0	48.0	48.9	0.9	64.3	59.2	-5.1
10th	44.9	48.7	3.8	44.9	48.7	3.8	45.8	48.8	3.0

10th Grade Progress by Subject 2013 - 2014

MATH +5.6

READING +3.8
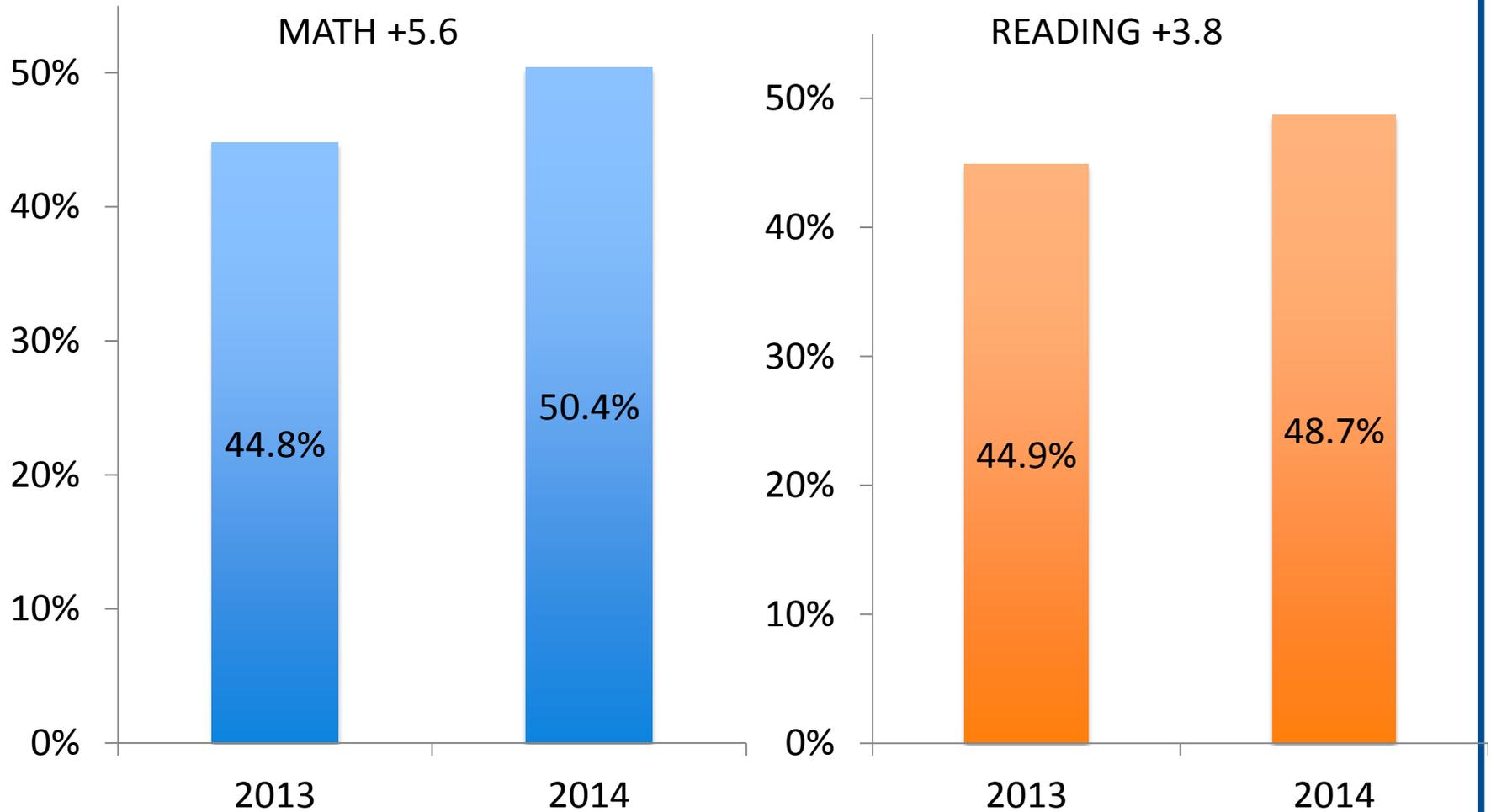
State Accountability Classifications

	2013	2014
Priority Schools	33	31
Focus Schools	32	29
Developing Schools	18	18
Rising Schools	73	78
Reward Schools	31	30
Total Schools	187	188

- Two schools exited from priority status
- Eight schools exited from focus status

Highlights from
DC Public Schools

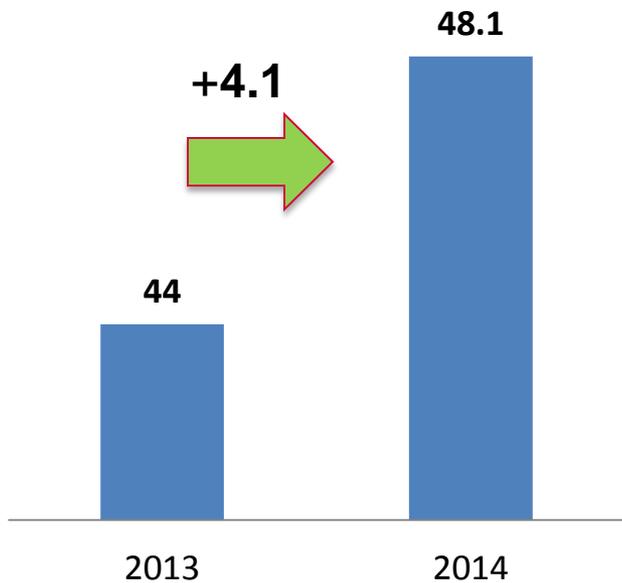# In 2014, DCPS students reached their highest proficiency rates ever in reading and math.

Percent Proficient by Year
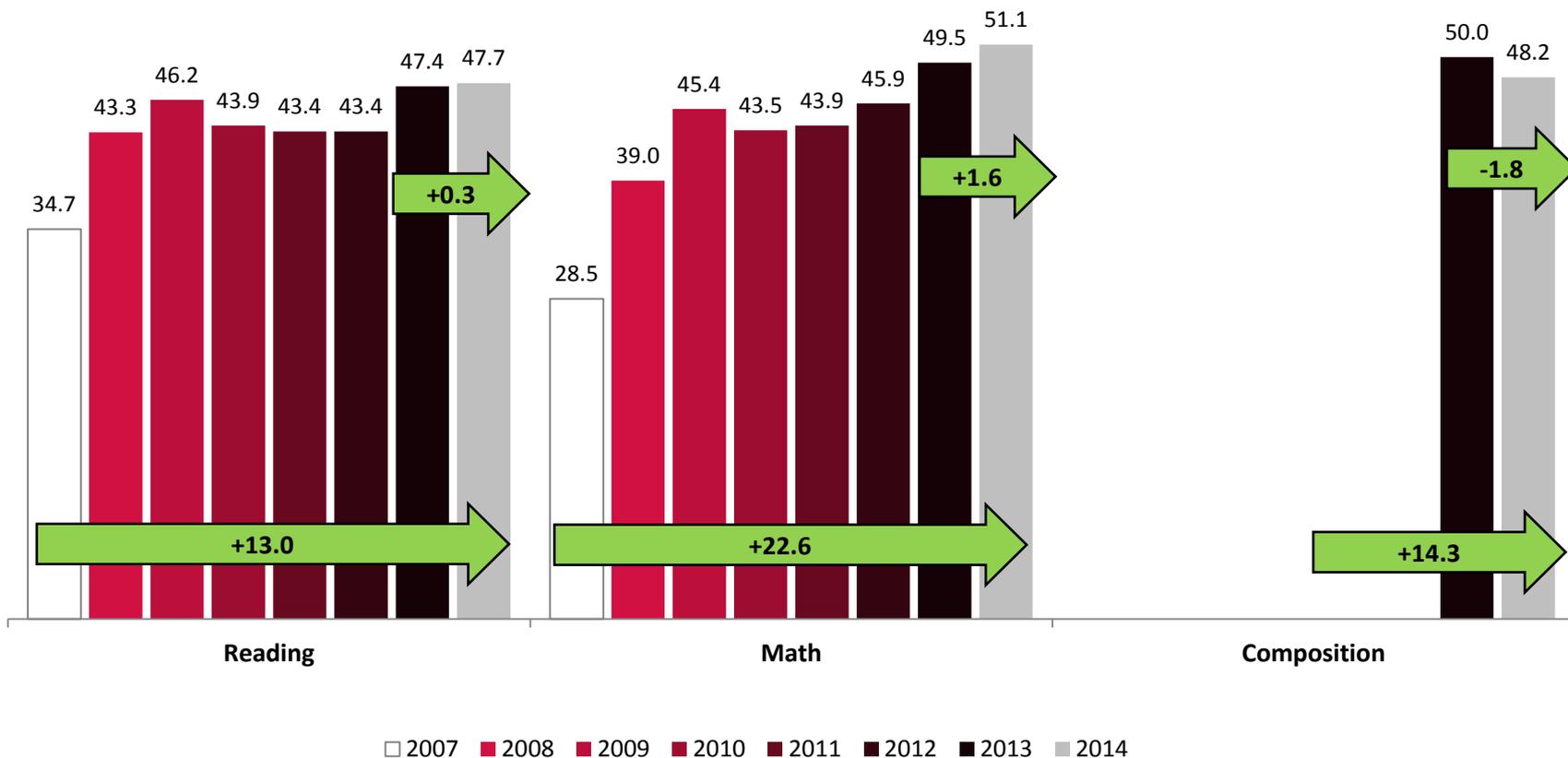
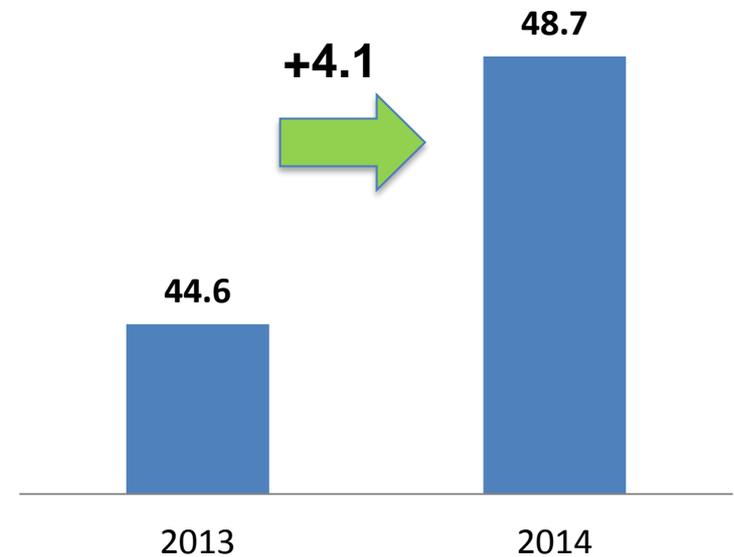# DCPS saw significant improvements in high school outcomes

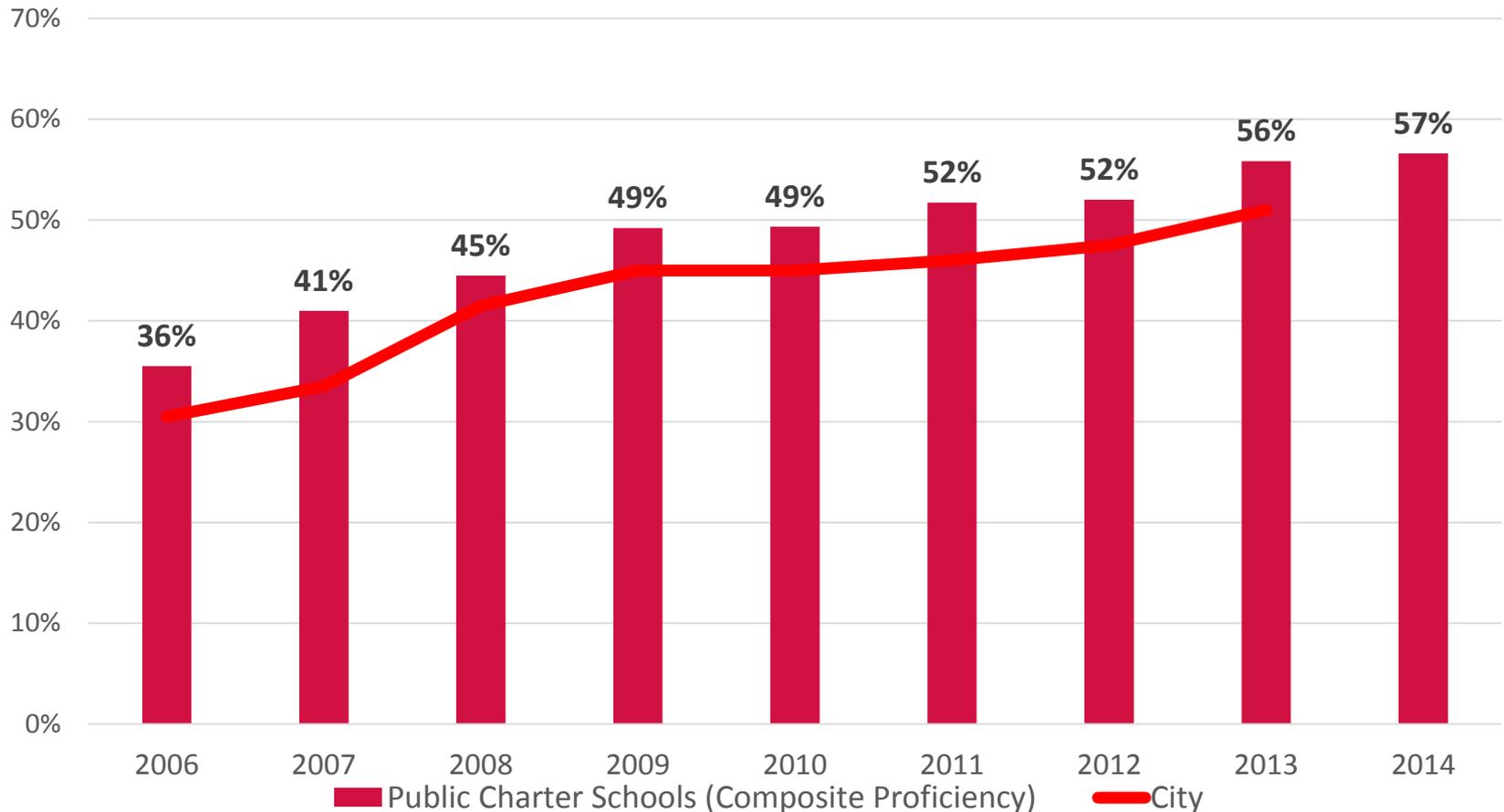## High Schools with gains in both Reading and Math:

Cardozo

Coolidge

Dunbar

LCM

McKinley

Wilson

10th Grade Math Proficiency

+4.1

48.1

44

2013

2014

10th Grade Reading Proficiency

+4.1
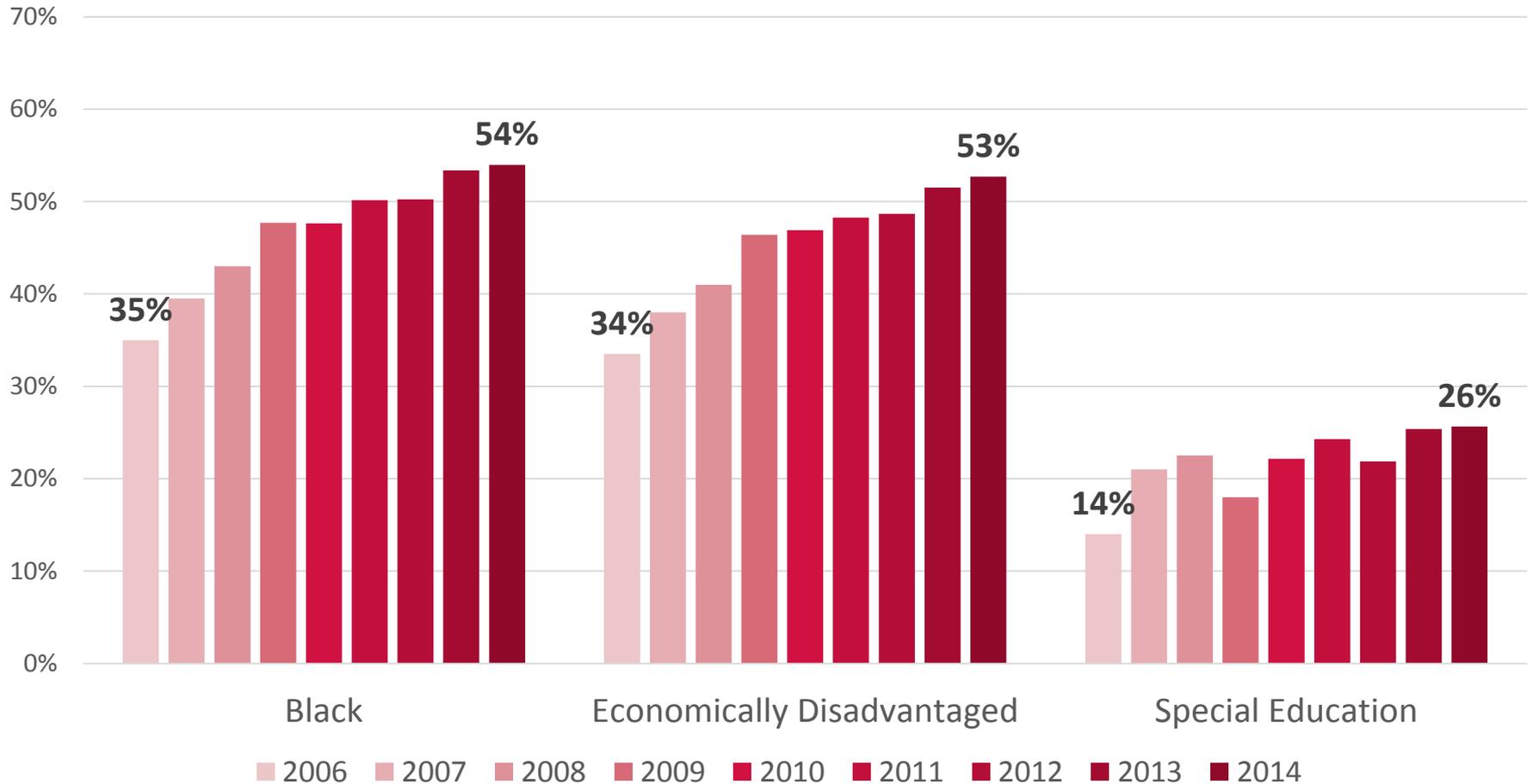
48.7

44.6

2013

2014

Highlights from Public Charter Schools

For the eighth year in a row, the number of charter school students who are proficient has increased-- and continues to exceed the state average

Public Charter Schools (Composite Proficiency): 2006: 36%, 2007: 41%, 2008: 45%, 2009: 49%, 2010: 49%, 2011: 52%, 2012: 52%, 2013: 56%, 2014: 57%

Charter sector proficiency growth is occurring across subgroups

Black: 35%, 54%
Economically Disadvantaged: 34%, 53%
Special Education: 14%, 26%

Legend: 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014

Top Charter Performers

- Top Charters
  1. DC Prep PCS – Edgewood Middle
  2. KIPP DC – College Prep PCS
  3. BASIS DC PCS
  4. KIPP DC – KEY Academy PCS
  5. Washington Latin PCS – Middle School
  6. Thurgood Marshall Academy PCS

- Top Gains
  1. Hope Community PCS – Lamond
  2. César Chávez PCS for Public Policy – Capitol Hill
  3. Friendship PCS – Collegiate Academy
  4. DC Prep PCS – Benning Elementary
  5. Center City PCS – Shaw
  6. Richard Wright PCS for Journalism and Media