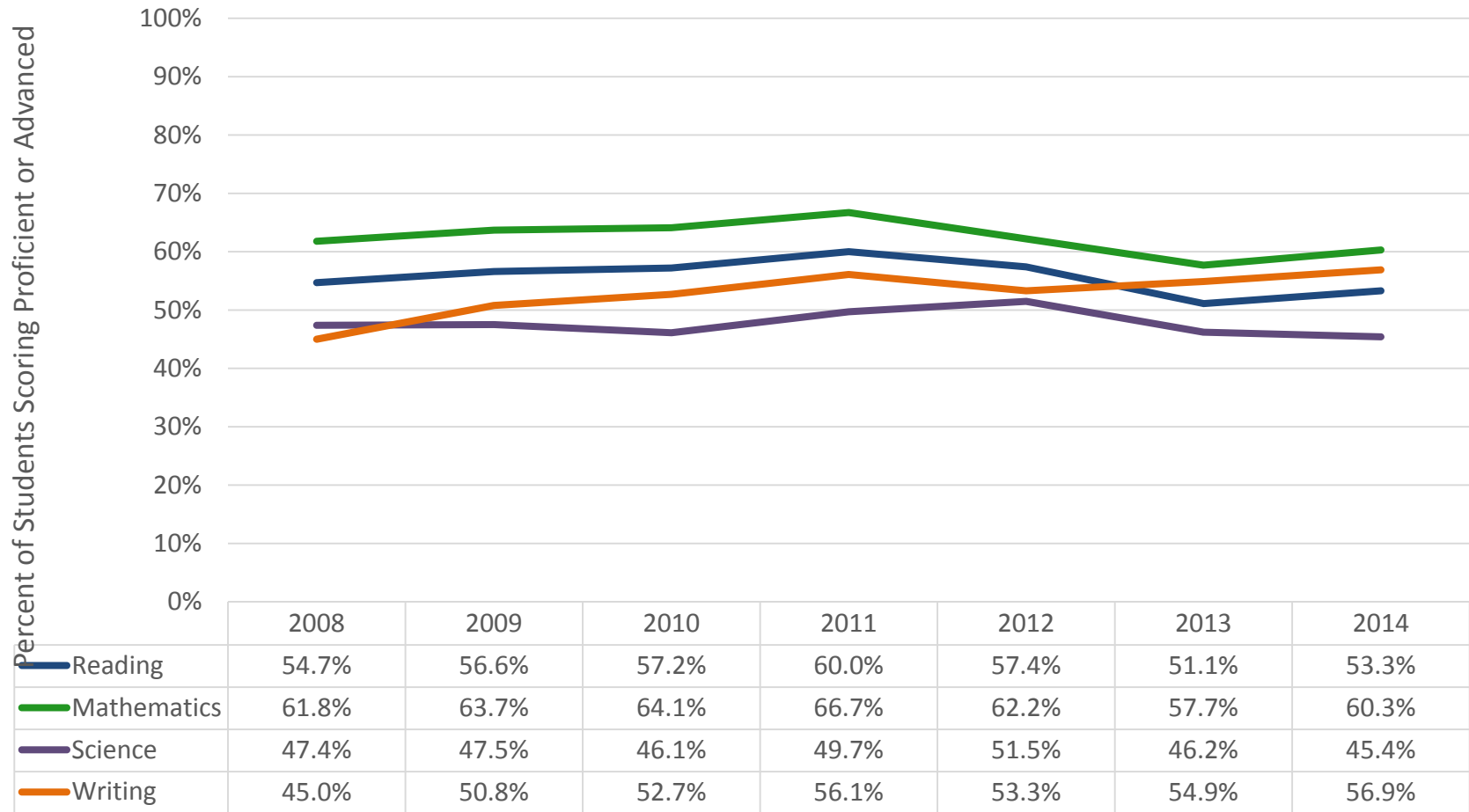


2014 Achievement Results PSSA and Keystones

September 9, 2014

Dr. Donna Micheaux, Deputy Superintendent

Student Performance in Reading, Mathematics, Science and Writing 2008-2014





Reading grade level proficiency increases on PSSA by number of schools

	# of Schools with this grade	Number/Percent with Increase in READING %P+A
Gr. 3	34	13 (38%)
Gr. 4	34	21 (62%)
Gr. 5	34	21 (62%)
Gr. 6	24	11 (46%)
Gr. 7	23	18 (78%)
Gr. 8	23	15 (65%)

*Full Academic Year students, Includes PSSA and PASA

Data source: 2014 PDE Accountability File; Morrow added grade 7 in 2014, therefore is excluded from school count

Reading: double digit gains in proficiency by grade

Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Allegheny	Beechwood	Woolslair	Westinghouse	Brookline	Carmalt
Arsenal	Westwood	Miller		Mifflin	King
King	King	Minadeo		Manchester	Montessori
Roosevelt	Montessori	Spring Hill		Arsenal	Schiller
Manchester	Lincoln	Manchester		Schiller	Sterrett
Sunnyside	Langley	Sunnyside		Colfax	Milliones
	Manchester	Colfax		Milliones	Sci Tech
		Greenfield			

Mathematics grade level proficiency increases on PSSA by number of schools

	# of Schools with this grade	Number/Percent with Increase in Math %P+A
Gr. 3	34	18 (53%)
Gr. 4	34	16 (47%)
Gr. 5	34	21 (62%)
Gr. 6	24	14 (58%)
Gr. 7	23	19 (83%)
Gr. 8	23	14 (61%)

*Full Academic Year students, Includes PSSA and PASA

Data source: 2014 PDE Accountability File; Morrow added grade 7 in 2014, therefore is excluded from school count

Mathematics: 75% or higher
scoring proficient or advanced

Allegheny K-5

Phillips

CAPA

Sci Tech

Colfax

West Liberty

Liberty

Whittier

Mathematics: double digit gains in proficiency by grade on PSSA

Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Concord	Beechwood	Allegheny	Classical	Arsenal	CAPA
Miller	King	Greenfield	King	Colfax	King
Roosevelt	Langley	King	Langley	Milliones	Langley
Sunnyside	Lincoln	Manchester	Morrow	Mifflin	South Hills
Weil	Manchester	Westwood	Westing-house	Schiller	Sterrett
	Montessori	Wooslair		Sunnyside	Sunnyside
	West Liberty				Montessori

Writing grade level proficiency increases on PSSA by number of schools

	# of Schools with this grade	Number/Percent with Increase in Writing %P+A
Gr. 5	34	15 (44%)
Gr. 8	23	13 (57%)

Writing Proficiency: 75% or higher scoring proficient or advanced on PSSA

CAPA

Sci Tech

Dilworth

South Brook

Obama

Sterrett

Writing: double digit gains in proficiency on PSSA by grade

Grade 5	Grade 8
Manchester	Colfax
Miller	South Brook
Minadeo	Sterrett
Westwood	Milliones
Woolslair	Sci Tech

Science grade level proficiency increases on PSSA by number of schools

	# of Schools with this grade	Number/Percent with Increase in Science %P+A
Gr. 4	34	12 (35%)
Gr. 8	23	15 (65%)

Science Proficiency: 75% or higher scoring proficient or advanced on PSSA

CAPA

Dilworth

Liberty

Sci Tech

Science: double digit gains in proficiency on PSSA by grade

Grade 4	Grade 8
Arlington	CAPA
King	Montessori
Lincoln	Sci Tech
Manchester	Sterrett
	Sunnyside

Schools showing greatest improvement in proficiency for African-American students

School	Reading
Schiller 6-8	+19.2
Beechwood K-5	+18.7
King K-8	+11.6
Colfax K-8	+9.9
West Liberty K-5	+9.5
Mifflin K-8	+9.3
Allegheny K-5	+9.2

School	Mathematics
King K-8	+17.2
Schiller 6-8	+13.3
Colfax K-8	+11.4
Banksville K-5	+11.1
Roosevelt K-5	+10.9
Sterrett 6-8	+10.3
Arsenal 6-8	+9.6

2014 Keystone Exam Results: District and School Performance

Keystone Exams: Percent of grade 11 students scoring proficient or advanced

	Algebra I		Literature		Biology	
	2013	2014	2013	2014	2013	2014
District	51.1	49.8	63.5	62.8	23.4	21.9
Allerdice	64.0	70.0	73.4	79.6	36.1	36.7
Brashear	46.5	49.3	58.8	59.8	17.0	11.1
CAPA	81.2	80.4	95.7	95.8	53.8	49.3
Carrick	53.0	37.1	66.9	60.6	24.1	12.6
Obama	71.6	73.1	88.0	92.3	20.4	32.1
Perry	27.3	27.7	34.8	44.0	5.1	8.1
SciTech	74.1	79.5	81.4	91.7	46.5	49.3
Milliones	27.2	27.7	43.4	46.2	1.3	0.0
Westinghouse	9.1	2.6	31.8	7.9	3.0	0.0

Keystone Exams: Percent of grade 11 African American students scoring proficient or advanced

	Algebra I			Literature			Biology		
	2013	2014	Change	2013	2014	Change	2013	2014	Change
District	34.8	34.9	0.1	49.7	48.7	-1.0	7.7	8.0	0.3
Allerdice	35.1	45.5	10.4	48.1	64.0	15.9	6.6	9.0	2.4
Brashear	29.4	42.5	13.1	43.8	49.4	5.6	3.9	2.6	-1.3
CAPA	68.3	70.6	2.3	92.7	94.1	1.4	30.0	27.5	-2.5
Carrick	27.9	12.8	-15.1	48.7	38.5	-10.2	11.6	7.7	-3.9
Obama	65.9	67.3	1.4	83.8	88.9	5.1	8.8	16.4	7.6
Perry	21.6	24.5	2.9	28.6	36.4	7.8	1.5	3.9	2.4
SciTech	63.5	61.1	-2.4	75.0	85.7	10.7	30.8	27.8	-3.0
Milliones	26.0	29.0	3.0	42.1	46.8	4.7	0.0	0.0	0.0
Westinghouse	9.4	2.6	-6.8	32.8	7.9	-24.9	3.1	0.0	-3.1

Keystone Algebra: Percent of students scoring proficient or advanced by grade

Algebra I – Best of Results		
2014		
	# Tested	% Proficient + Advanced
Grade 6	2	100.0
Grade 7	93	54.8
Grade 8	624	50.2
Grade 9	1140	11.9
Grade 10	936	12.1
Grade 11	724	11.7

Keystone Literature: Percent of students scoring proficient or advanced by grade

Literature – Best of Results		
2014		
	# Tested	% Proficient + Advanced
Grade 9	156	42.3
Grade 10	1406	47.7
Grade 11	546	17.8

Keystone Biology: Percent of students scoring proficient or advanced by grade

Biology – Best of Results		
2014		
	# Tested	% Proficient + Advanced
Grade 9	1516	29.2
Grade 10	1143	8.2
Grade 11	967	5.7

Moving Forward

Dr. Connie Sims – Office of School
Performance

Ms. Allison McCarthy - Curriculum,
Instruction and Assessment

Office of School Performance

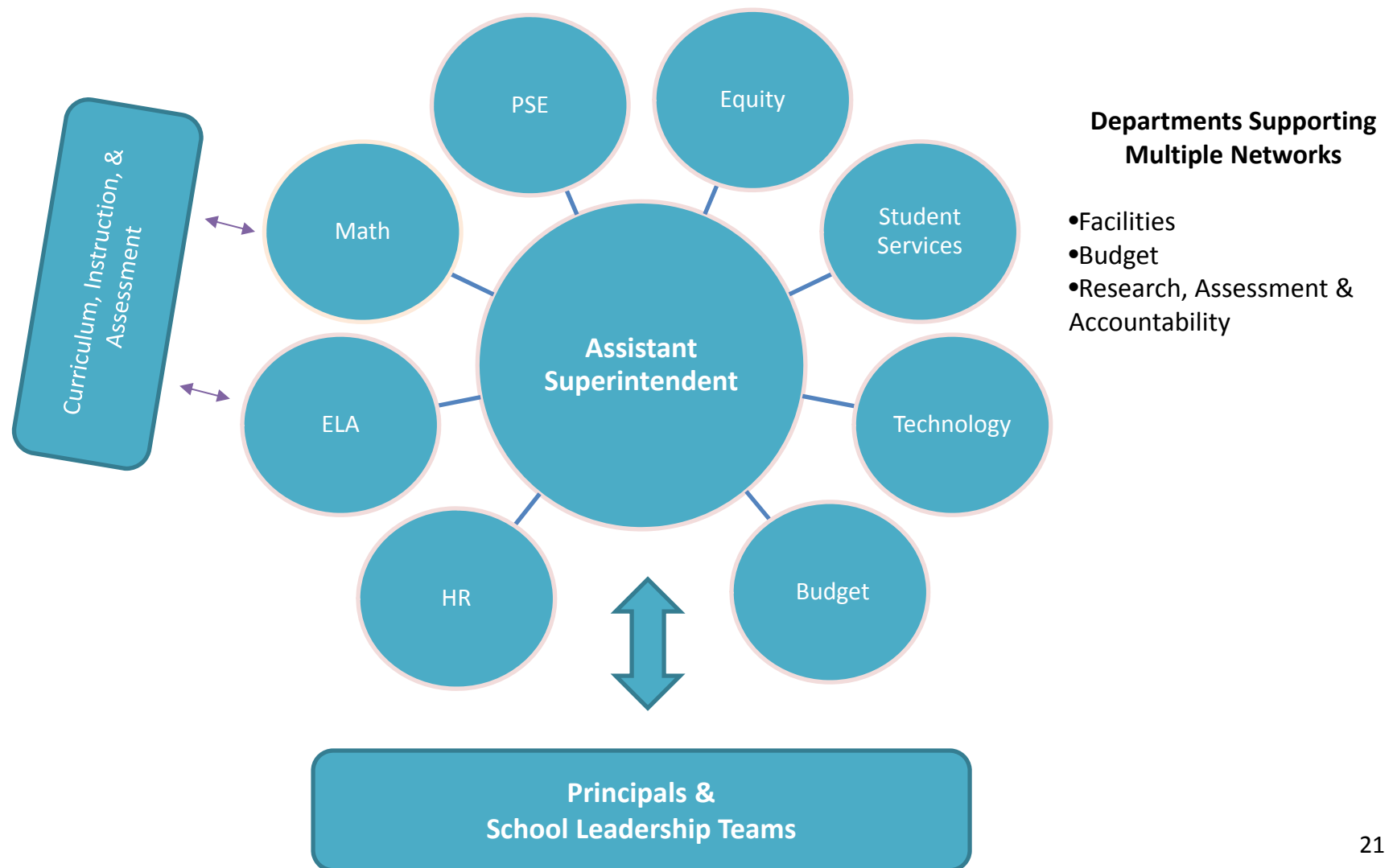
Assistant Superintendents for Instructional Leadership

- Dr. Alison Huguley: Network A, 16 Schools (K5 and K8)
- Mr. Kevin Bivins: Network B 16 Schools (K5 and K8)
- Mr. David May Stein: Network C 14 Schools
(K8, 6-8, and Special Schools)
- Dr. Wayne Walters: Network D 5 Schools (6-12)
- Mrs. Melissa Friez: Network E 5 Schools (9-12)

Additional Team Support:

- Dr. Cindi Muehlbauer and Mr. Vincent Lewandowski
- Dr. Dara Ware Allen, Assistant Superintendent, Student Support Services

School Support Framework

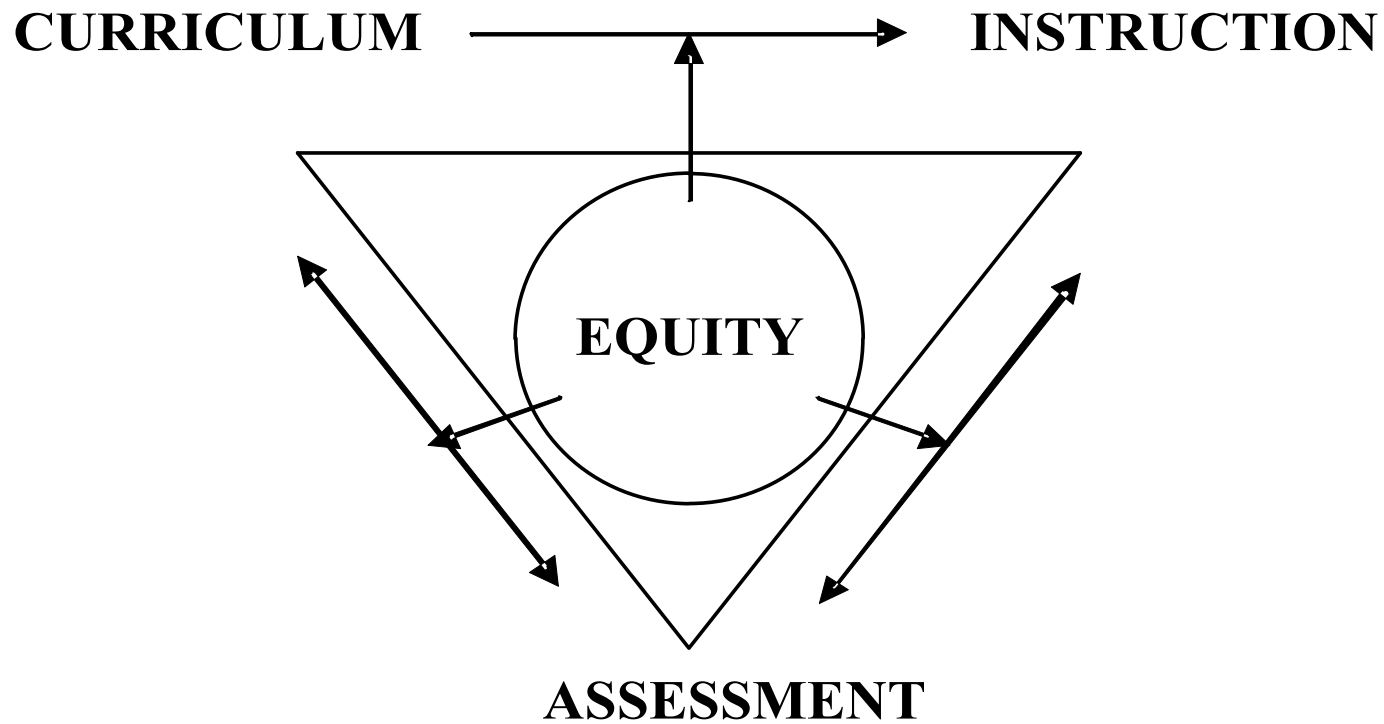


Office of School Performance

Professional Learning Plan for School Leaders

- Superintendent Cabinet On Site Support
- Assistant Superintendents
- Principal Networks
- Cross-Network Sharing and Problem Solving
- District Wide Leading and Learning Institutes
- New Administrator Professional Development
- Assistant Principal/Director Professional Development
- Aspiring Administrator Academy

Theory of Action



Moving Forward: ELA, Math and Science

K-12 ELA	K-12 Math	Science
<ul style="list-style-type: none"> • Clarify and support the District’s literacy instructional model • Continue to align to Common Core Shifts (Writing, non-fiction, text complexity) • Continue to focus on foundational skills K-2 	<ul style="list-style-type: none"> • Full alignment of K-12 math to PA/Common Core State Standards • Pilot Everyday Math 4 • Implement CMP3 materials in 6-8 classrooms • Scholastic Math Inventory 	<ul style="list-style-type: none"> • Continue to align to PA Science and Next Generation standards • Work with the literacy department to infuse more cross content connections • Strengthen existing partnerships with local universities and organizations

Keystones and PSSA

- Explore and share promising innovative practices
- Stay abreast of local, state and national assessment partnerships, trends and changes
- Make explicit connections between assessment portfolio and preparation/performance on PSSA and Keystones
- On-going, two-way communication with teachers and principals

THANK YOU

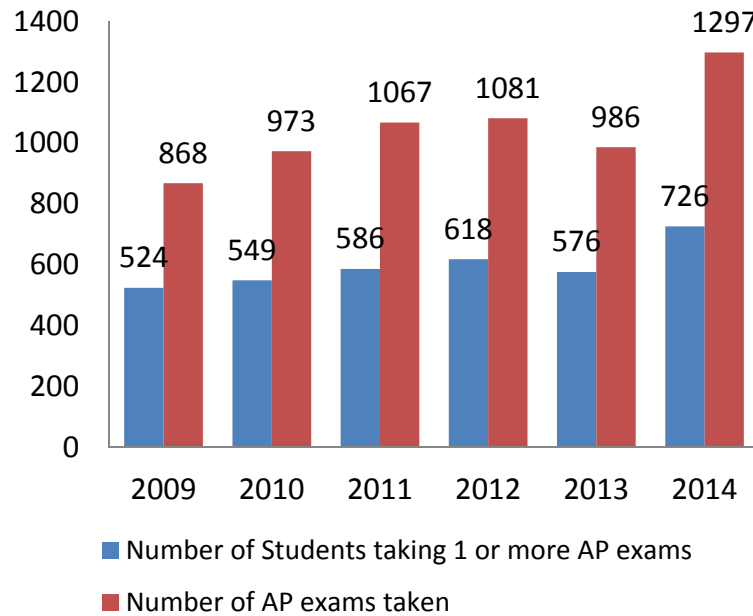
Appendix

2014 AP Exam Participation

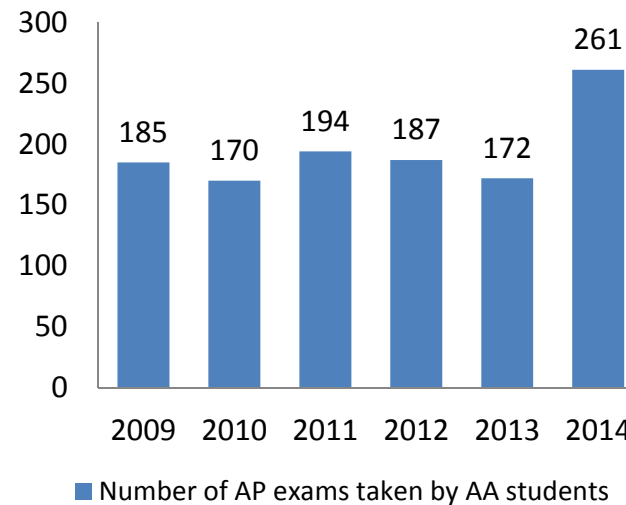
Key Takeaways

- ✓ The number of students taking 1 or more AP exams has increased by 39% since 2009.
- ✓ The number of AP exams taken by African American students has increased by 41% since 2009.

PPS AP Exam Participation 2009-2014



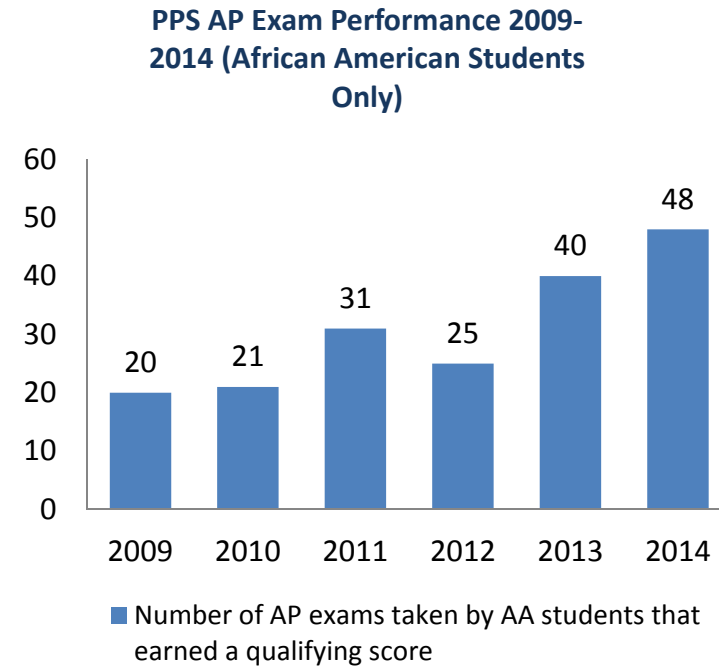
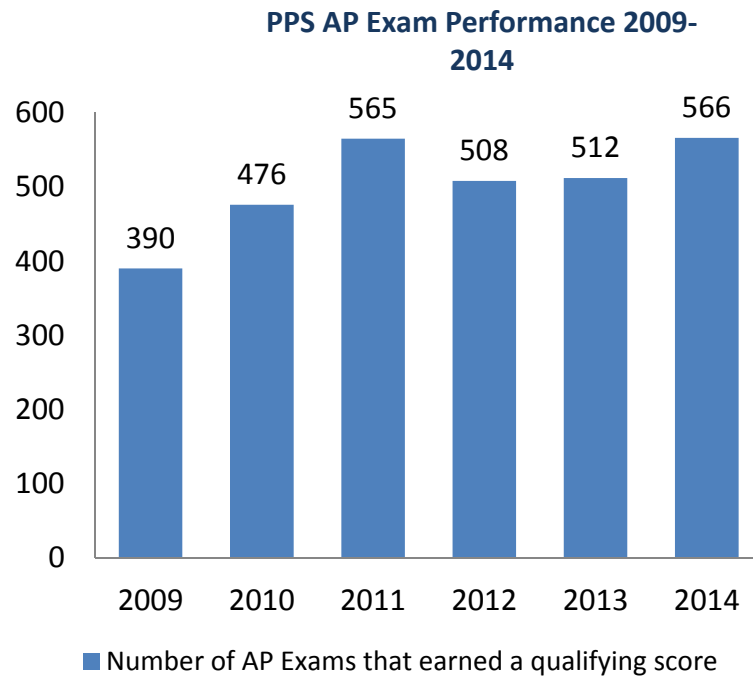
PPS AP Exam Participation 2009-2014 (African American Students Only)



2014 AP Exam Performance

Key Takeaways

- ✓ The number of AP exams that earned qualifying scores (3, 4, 5) has increased by 44% since 2009.
- ✓ The number of AP exams taken by African American students that earn qualifying scores has more than doubled since 2009.
- ✓ Pittsburgh Brashear & Sci-Tech implemented the National Math + Science AP Program at the start of the 2013-14 school year. The number of AP Math, Science and English exams that earned qualifying scores at these two schools increased by 133% since 2013 (42 exams in 2013, 98 exams in 2014).



2014 AP Exam Participation & Performance

School	2013		2014	
	# of AP exams taken	# of AP exams that earned a qualifying score	# of AP exams taken	# of AP exams that earned a qualifying score
Allderdice	419	330	506	328
Brashear	184	39	332	70
CAPA	178	103	171	108
Carrick	79	15	103	22
Milliones	11	0	64	0
Obama	10	7	5	5
Perry	20	3	18	0
Sci-Tech	43	9	69	33
Westinghouse	39	0	31	0

2014 African American AP Exam Participation & Performance

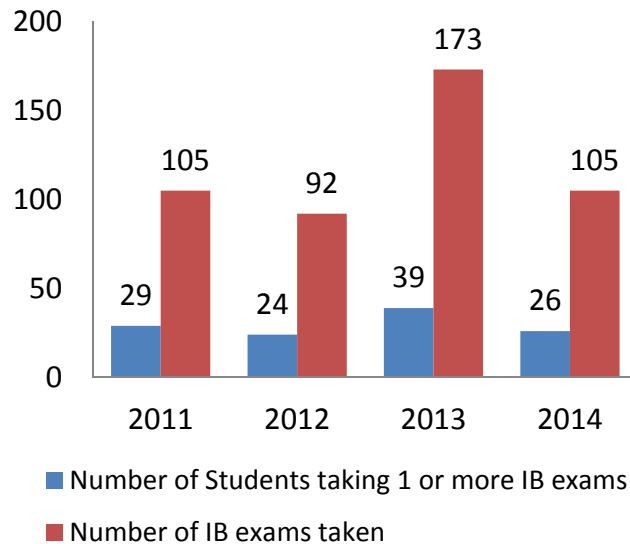
School	2013		2014	
	# of AP exams taken by African American students	# of AP exams taken by African American students that earned a qualifying score	# of AP exams taken by African American students	# of AP exams taken by African American students that earned a qualifying score
Allderdice	32	24	48	17
Brashear	28	4	63	2
CAPA	33	9	39	19
Carrick	9	1	8	1
Milliones	10	0	61	0
Obama	1	1	0	0
Perry	8	0	7	0
Sci-Tech	13	1	27	9
Westinghouse	38	0	27	0

2014 IB Exam Participation

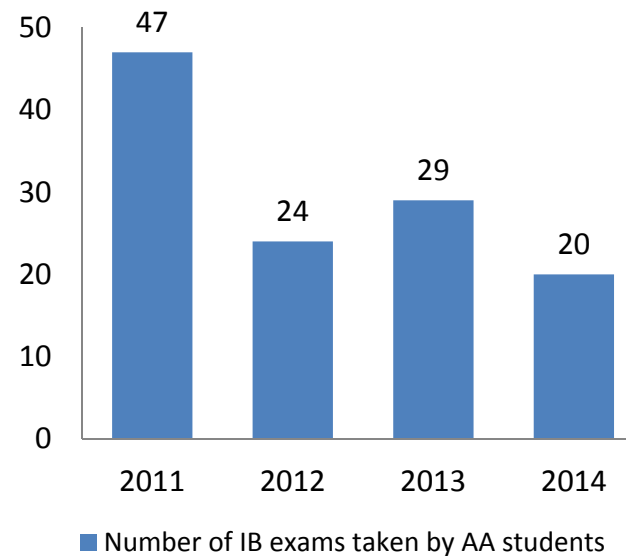
Key Takeaways

- ✓ The number of students taking 1 or more IB exams has ranged from 24-39 over the past 4 years.
- ✓ The number of IB exams taken by African American students has decreased over the past 4 years.

PPS IB Exam Participation 2011-2014



PPS IB Exam Participation 2011-2014
(African American Students Only)

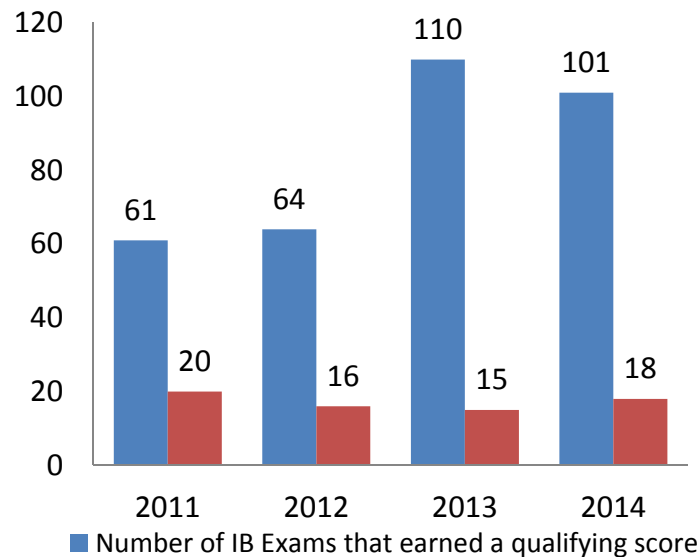


2014 IB Exam & IB Diploma Performance

Key Takeaways

- ✓ The number of IB exams that earned qualifying scores has increased by 66% since 2011.
- ✓ The number of IB exams taken by African American students that earn qualifying scores dropped from 2011 to 2013, but has increased from 2013 to 2014.
- ✓ 11 out of 12 candidates (92%) were awarded the IB Diplomas in 2014.

PPS IB Exam Performance 2011-2014



■ Number of IB exams taken by AA students that earned a qualifying score

PPS IB Diploma Awards 2011-2014

