Student Achievement: Where are we and where are we going?

Board of Education Orientation

December 17, 2016

Agenda

- Data Management, Planning, and Program Evaluation
- Accountability Overview
- Board District Dashboard

DATA MANAGEMENT

Data Management Alignment with Vision 2020

(see handout for more detailed information)

- Data Management & Research
- Planning & Program Evaluation
- Testing
- Resource Development
- Data Control
- Pupil Personnel
- Student Assignment

- 1.1.1 Broader Definition of Learning
- 1.1.2 Personalize learning
- 1.1.3 Equitable access
- 1.1.4 Reduce, revise, refine assessment
- 1.1.5 Improve student literacy

- 2.1.3 Improve culture & climate
- 2.2.3 Deepen professional learning

- 3.2.3 Improve internal systems
- 3.2.2 Improve external systems

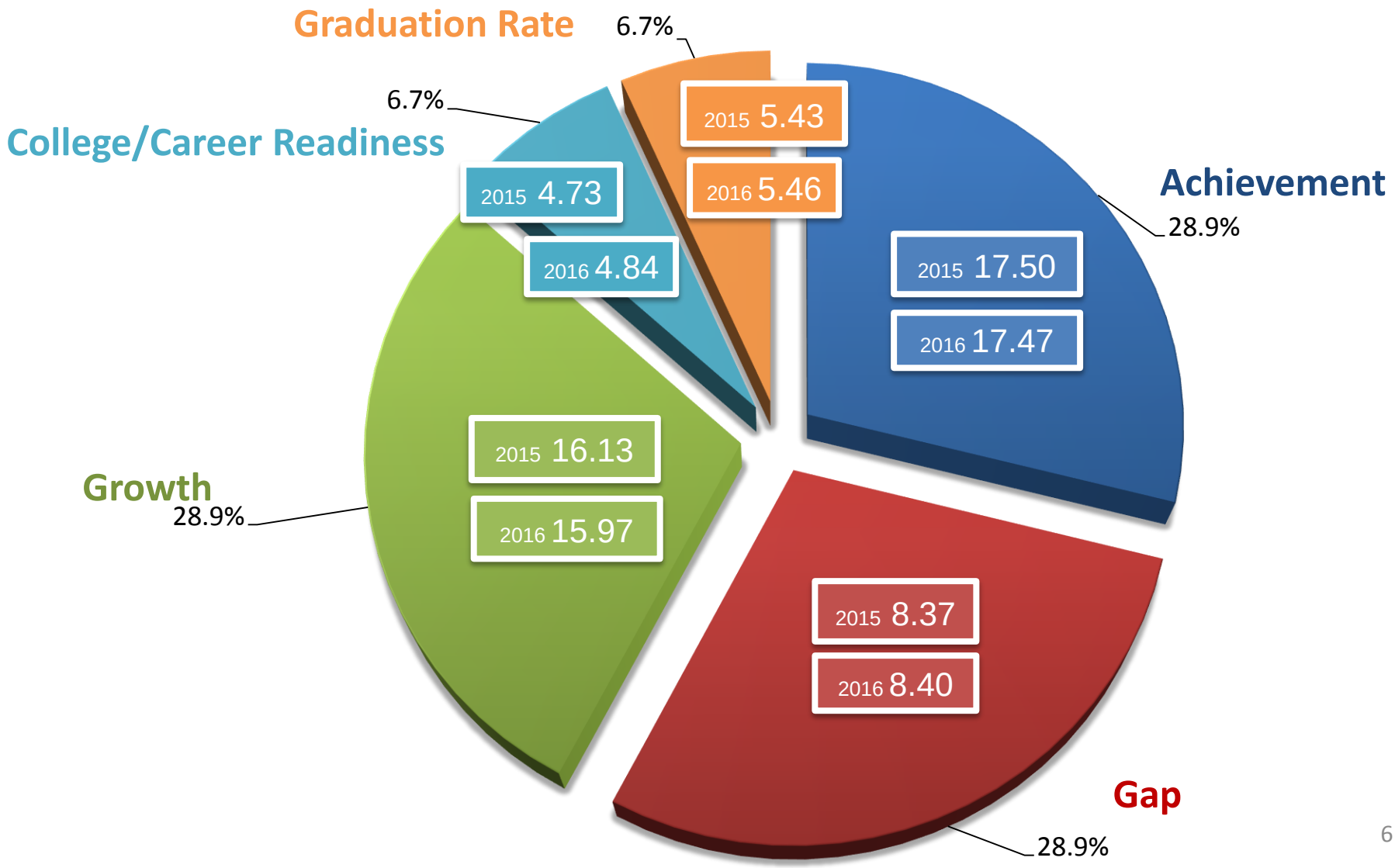
- 3.1.4 Responsible stewardship

- 3.4.1 Improve communications
- 3.4.2 Improve processes
- 3.4.4 Empower families
- 3.4.5 Reduce student mobility

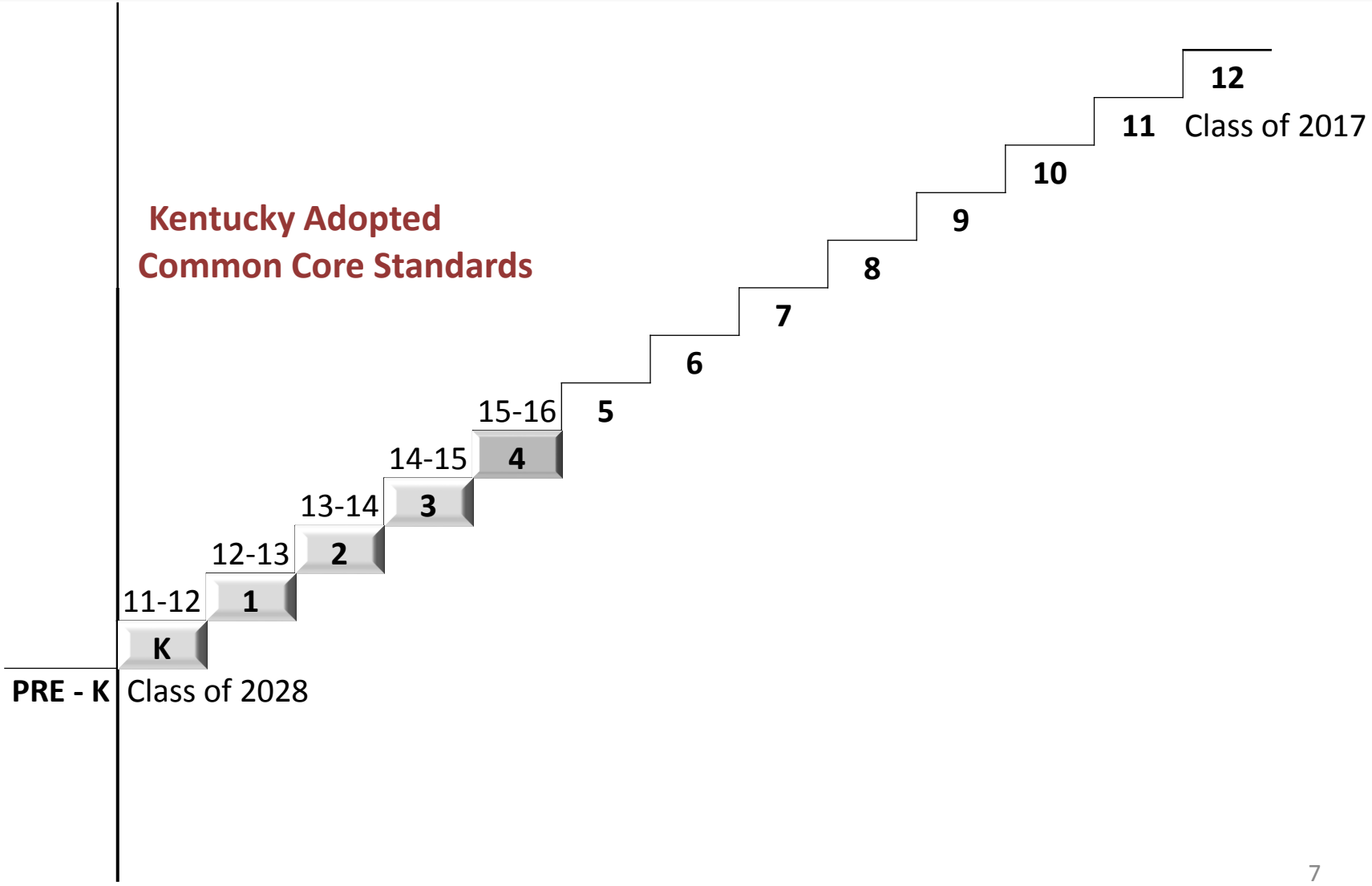
ACCOUNTABILITY OVERVIEW

JCPS Learner's Score – Improved in 3 Areas

2015 - JCPS Learners Score:	52.2
2016 - JCPS Learners Score:	**52.1**
2016 - JCPS AMO Target:	53.2



Implementation Timeline of Common Core Standards

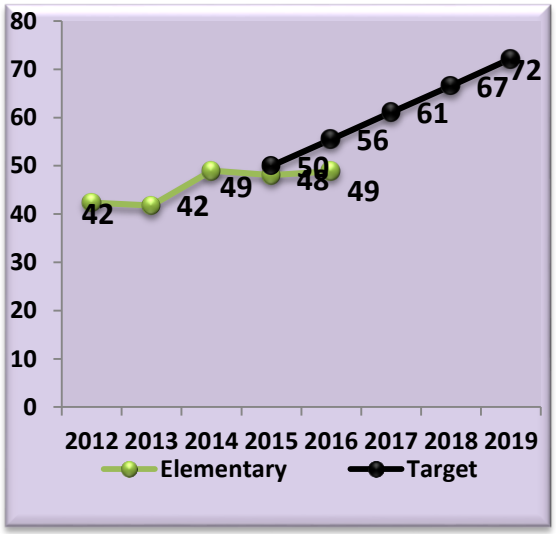


Delivery Targets – All Students % Proficient/Distinguished

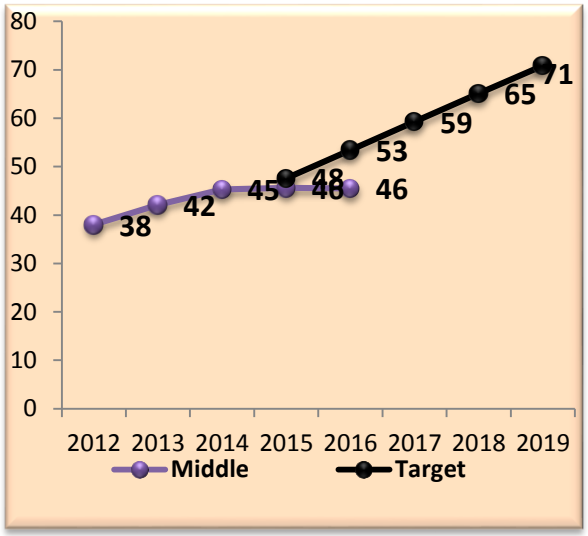
The Proficiency and Gap delivery targets provide schools and districts with the annual progress needed to meet their 2019 Proficiency and Gap delivery goals. The overall delivery targets and goals are created based on the combined percentage of students scoring proficient or higher in math and reading. Delivery targets and goals are provided for all schools, although state- and district-level progress is tracked only for students in grades K-8. The baseline for these data are an average of the proficiency rates for the 2011-2012, 2012-2013, 2013-2014 school years.

READING

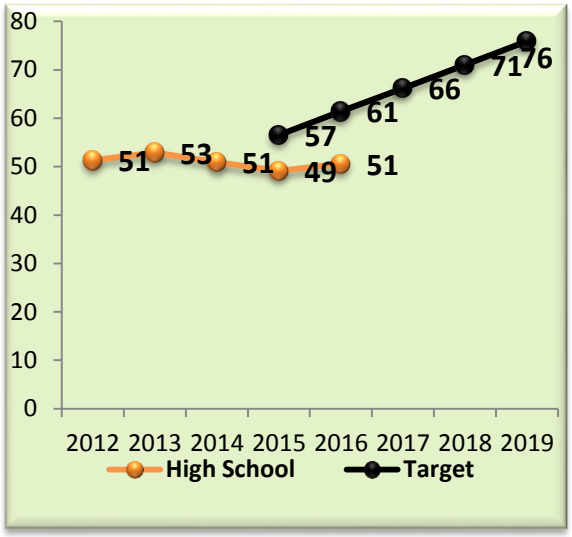
Elementary



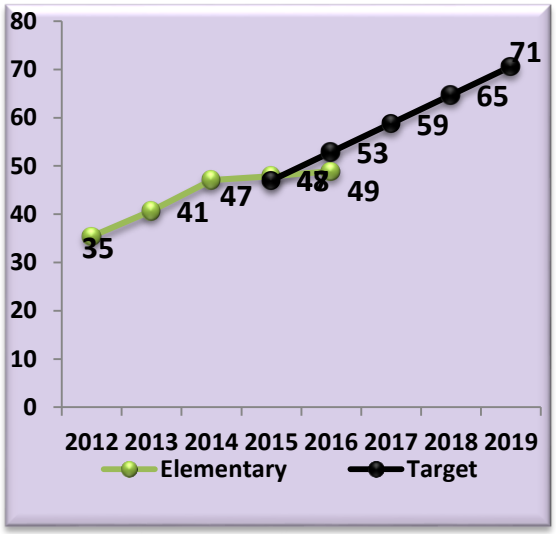
Middle

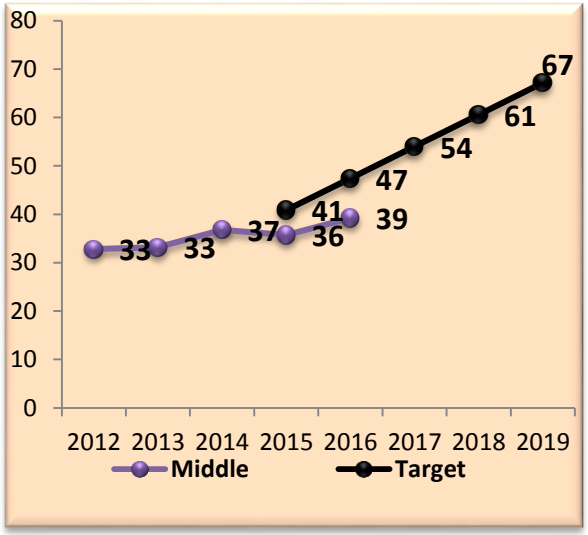


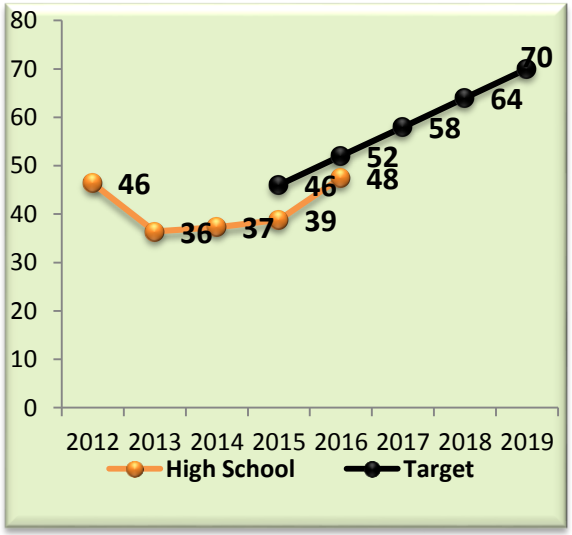
High



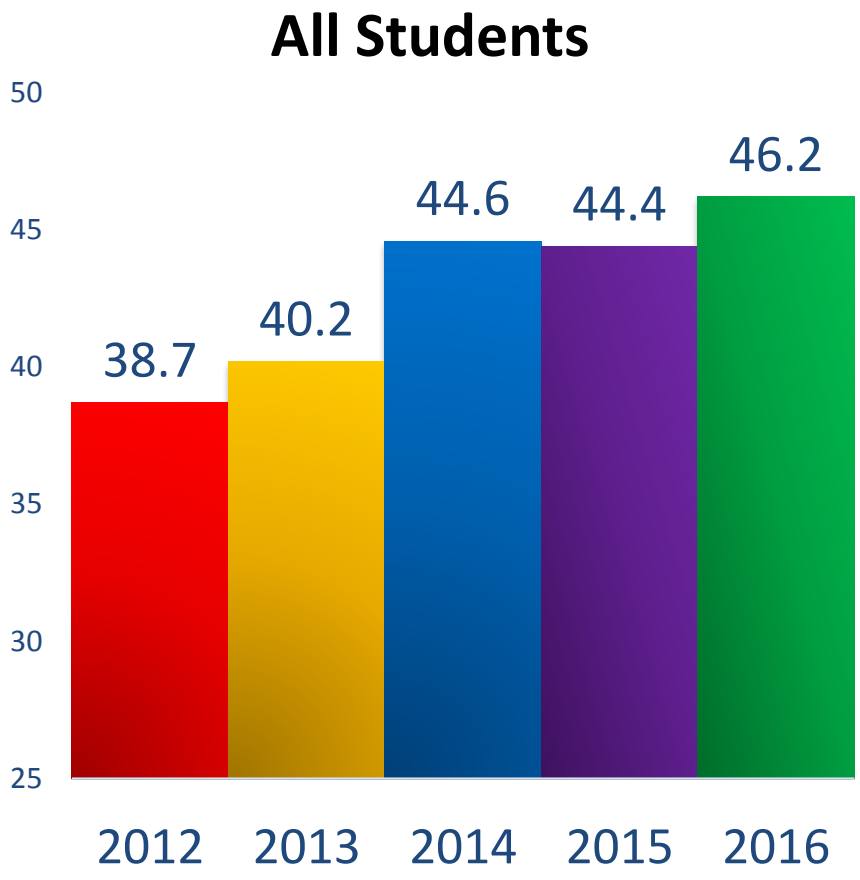
MATH

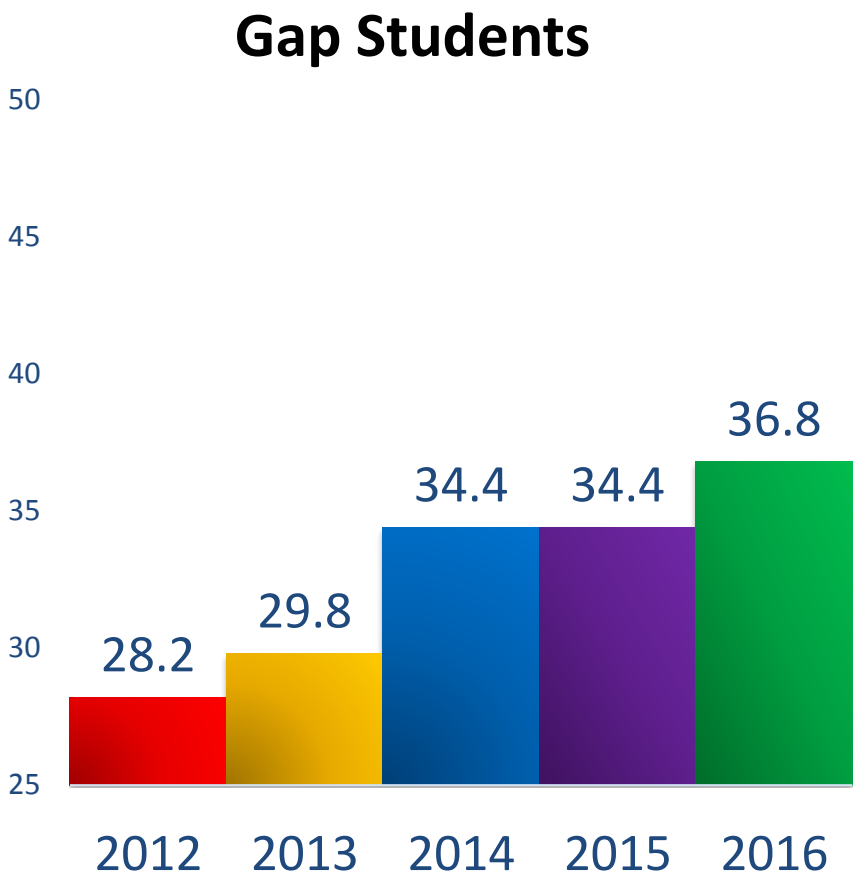




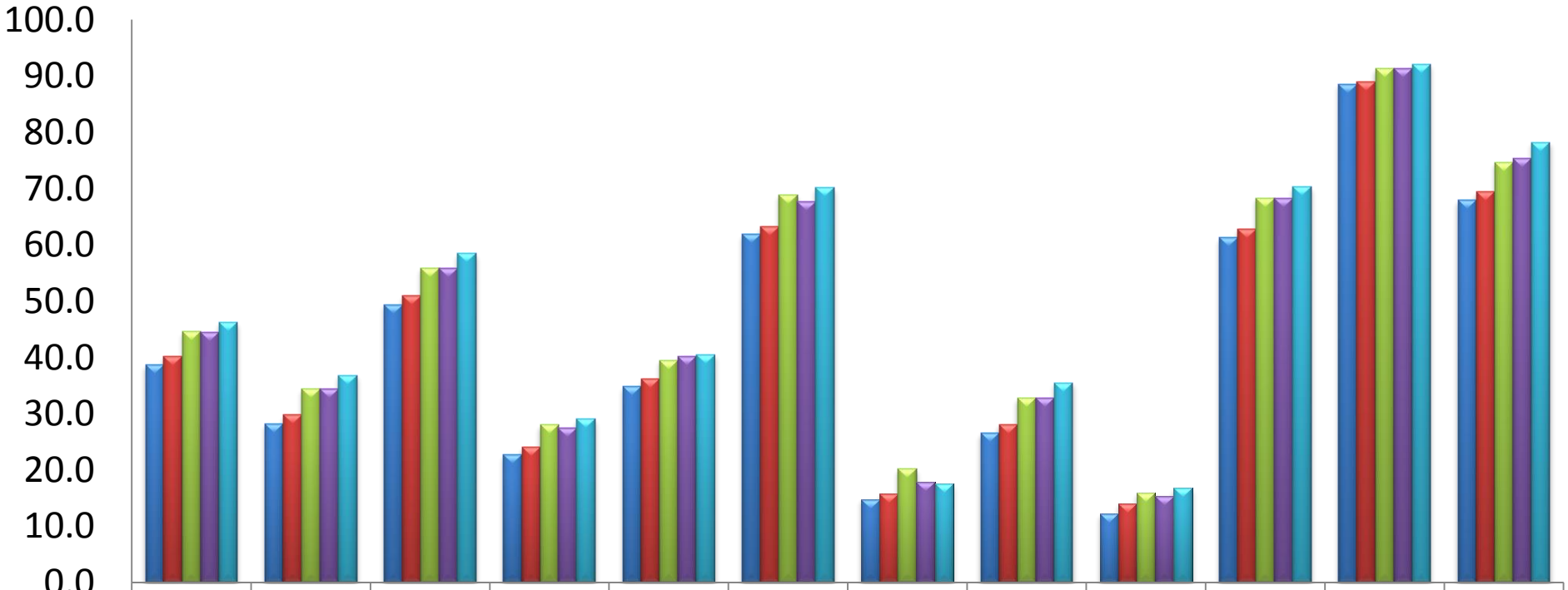


% Proficient and Distinguished Combined Reading and Math



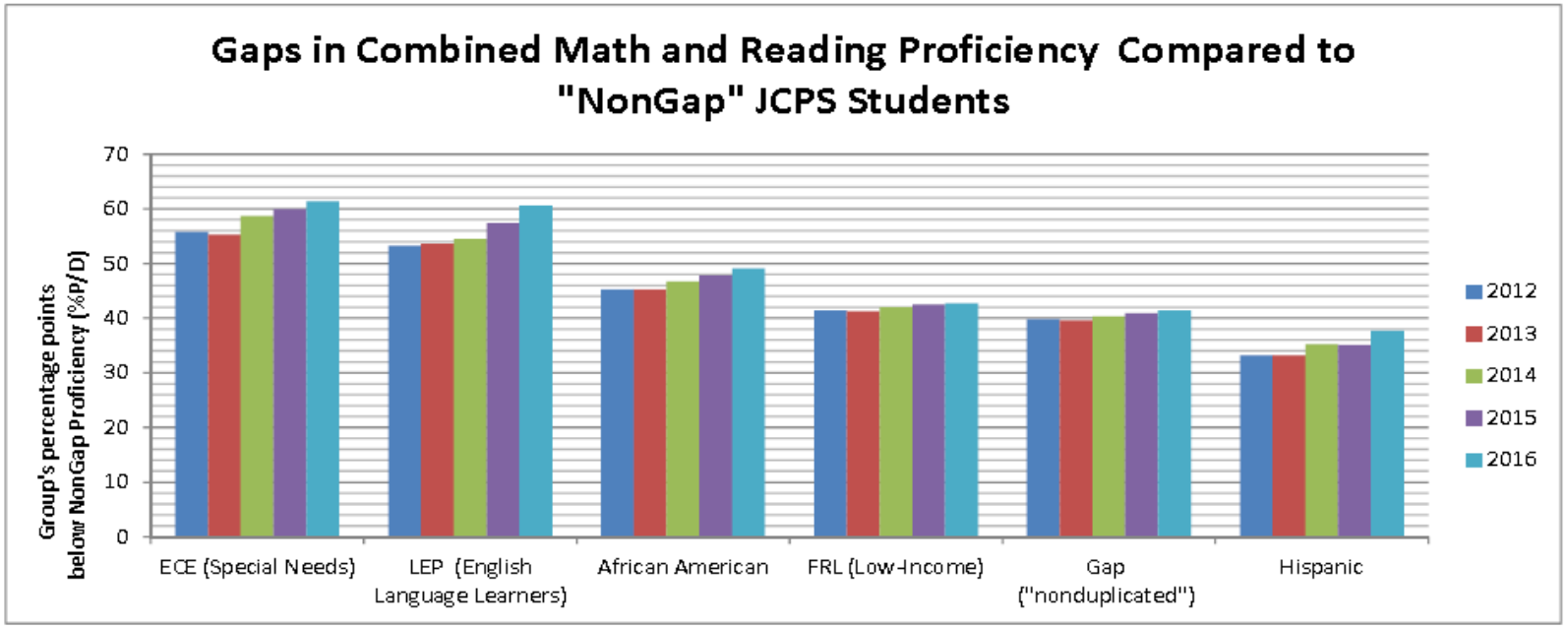


District Percent Proficient or Distinguished Combined Reading & Math by Student Group



	All Students	Gap	White	African American	Hispanic	Asian	LEP	FRL	ECE	Paid	AP	Non Gap
2012	38.7	28.2	49.4	22.7	34.8	61.9	14.8	26.6	12.2	61.3	88.6	68.0
2013	40.2	29.8	51.0	24.1	36.2	63.3	15.8	28.1	14.1	62.8	89.0	69.4
2014	44.6	34.4	55.9	28.0	39.5	68.9	20.2	32.7	16.0	68.3	91.3	74.7
2015	44.4	34.4	55.9	27.5	40.2	67.7	17.9	32.8	15.4	68.2	91.3	75.3
2016	46.2	36.8	58.5	29.1	40.5	70.2	17.6	35.5	16.8	70.3	92.1	78.2
Gap Groups:		★		★	★		★	★	★			

Another way to Look at Gap Data



year	ECE (Special Needs)	LEP (English Language Learners)	African American	FRL (Low-Income)	Gap ("non-duplicated")	Hispanic
2012	55.8	53.2	45.3	41.4	39.8	33.2
2013	55.3	53.6	45.3	41.3	39.6	33.2
2014	58.7	54.5	46.7	42	40.3	35.2
2015	59.9	57.4	47.8	42.5	40.9	35.1
2016	61.4	60.6	49.1	42.7	41.4	37.7
four-year increase:	**5.6**	**7.4**	**3.8**	**1.3**	**1.6**	**4.5**
four-year % change:	10.0%	13.9%	8.4%	3.1%	4.0%	13.6%
last year increase:	1.5	3.2	1.3	0.2	0.5	2.6
single year % change	2.5%	5.6%	2.7%	0.5%	1.2%	7.4%

For more information, contact Chris Harmer, Fellowship of Reconciliation, 502/899-4119, colonel221@yahoo.com

Student Group Gains 2012 to 2016

Groups	2012 to 2016	2015 to 2016
All Students	7.5	1.8
Non-Gap	10.2	2.9
Gap	8.6	2.4
African-American	6.4	1.6
Exceptional Child Education (ECE)	4.6	1.4
Free/Reduced lunch	8.9	2.7
Hispanic	5.7	.3
Limited English Proficient (LEP)	2.8	-.3

Increased	Gain of 1% or more
Stable	0 - < 1% gain or loss
Decreased	Loss of 1% or more

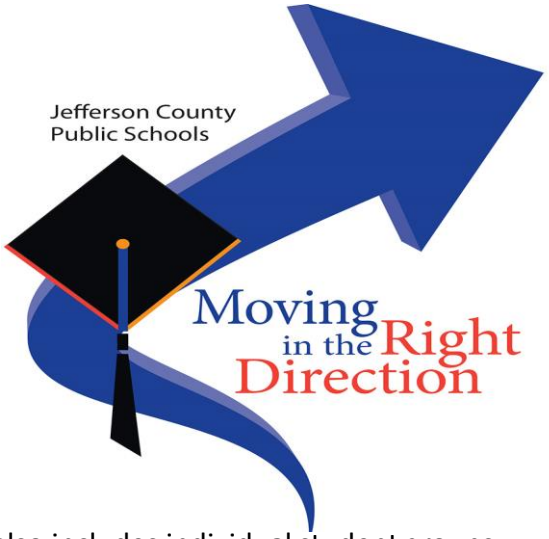
Taking a Closer Look – Elementary Schools

Achievement	2012 % PD	2013 % PD	2014 % PD	2015 % PD	2016 % PD	
Reading	42.4	41.8	49.0	48.1	48.9	↑
Mathematics	35.4	40.7	47.1	47.9	48.9	↑
Science	55.3	58.4	62.8	--	--	--
Social Studies	50.7	52.6	51.0	54.0	53.9	↓
Writing	29.8	30.8	36.4	39.2	38.2	↓
Language Mech.	42.8	48.0	45.9	51.2	45.8	↓

Growth	2012	2013	2014	2015	2016	
SGP						--
Reading	63.4	58.0	60.8	58.5	58.0	↓
Math	59.9	60.0	60.5	62.2	58.6	↓
Categorical						
Reading					58.1	
Math					60.4	

Gap	2012 % PD	2013 % PD	2014 % PD	2015 % PD	2016 % PD	
Reading	32.4	31.6	39.3	38.8	40.4	↑
Mathematics	25.9	31.0	37.4	38.7	40.4	↑
Science	45.3	48.5	53.9	--	--	--
Social Studies	40.3	42.4	40.6	44.0	44.3	↑
Writing	21.6	23.2	28.0	30.2	29.9	↓
Language Mech.	32.8	37.4	36.5	41.4	37.6	↓

Novice Red.	% Novice 2015 Gap Group	% Novice 2016 Gap Group	% Target Met
Reading	33.1	34.1	0%
Mathematics	26.5	25.7	29.6%



Novice reduction also includes individual student groups

Taking a Closer Look – Middle Schools

Achievement	2012 % PD	2013 % PD	2014 % PD	2015 % PD	2016 % PD	
Reading	38.0	42.1	45.3	45.6	45.5	↓
Mathematics	32.8	33.2	36.8	35.7	39.2	↑
Science	47.6	45.3	48.7	--	--	--
Social Studies	47.7	47.7	46.2	47.2	47.8	↑
Writing	31.5	34.5	33.3	31.1	34.1	↑
Language Mech.	29.9	36.5	30.5	39.9	32.4	↓

Growth	2012	2013	2014	2015	2016	
SGP						--
Reading	56.8	54.6	57.5	55.6	53.5	↓
Math	59.9	57.4	55.0	55.1	51.2	↓
Categorical						
Reading					51.4	
Math					45.7	

Gap	2012 % PD	2013 % PD	2014 % PD	2015 % PD	2016 % PD	
Reading	27.6	31.6	35.0	35.0	35.6	↑
Mathematics	22.4	22.8	26.1	25.2	28.8	↑
Science	36.5	34.5	38.2	--	--	--
Social Studies	36.9	37.4	35.5	36.5	37.4	↑
Writing	23.2	25.8	25.6	22.2	25.5	↑
Language Mech.	20.3	26.0	20.6	29.5	23.6	↓

Novice Red.	% Novice 2015 Gap Group	% Novice 2016 Gap Group	% Target Met
Reading	37.7	39.5	0%
Mathematics	31.6	33.0	0%

Novice reduction also includes individual student groups

Taking a Closer Look – High Schools

Achievement	2012 % PD	2013 % PD	2014 % PD	2015 % PD	2016 % PD	
Reading	51.3	52.9	50.9	49.1	50.7	↑
Mathematics	46.4	36.4	37.3	38.8	47.6	↑
Science	31.3	39.1	38.6	37.6	34.4	↓
Social Studies	38.1	53.9	56.9	55.7	58.7	↑
Writing	45.2	47.4	43.8	46.4	40.2	↓
Language Mech.	42.4	42.5	41.0	40.5	47.3	↑

Growth	2012	2013	2014	2015	2016	
SGP						--
Reading	59.3	54.4	56.8	59.7	57.5	↓
Math	62.3	57.5	61.5	56.4	57.1	↑

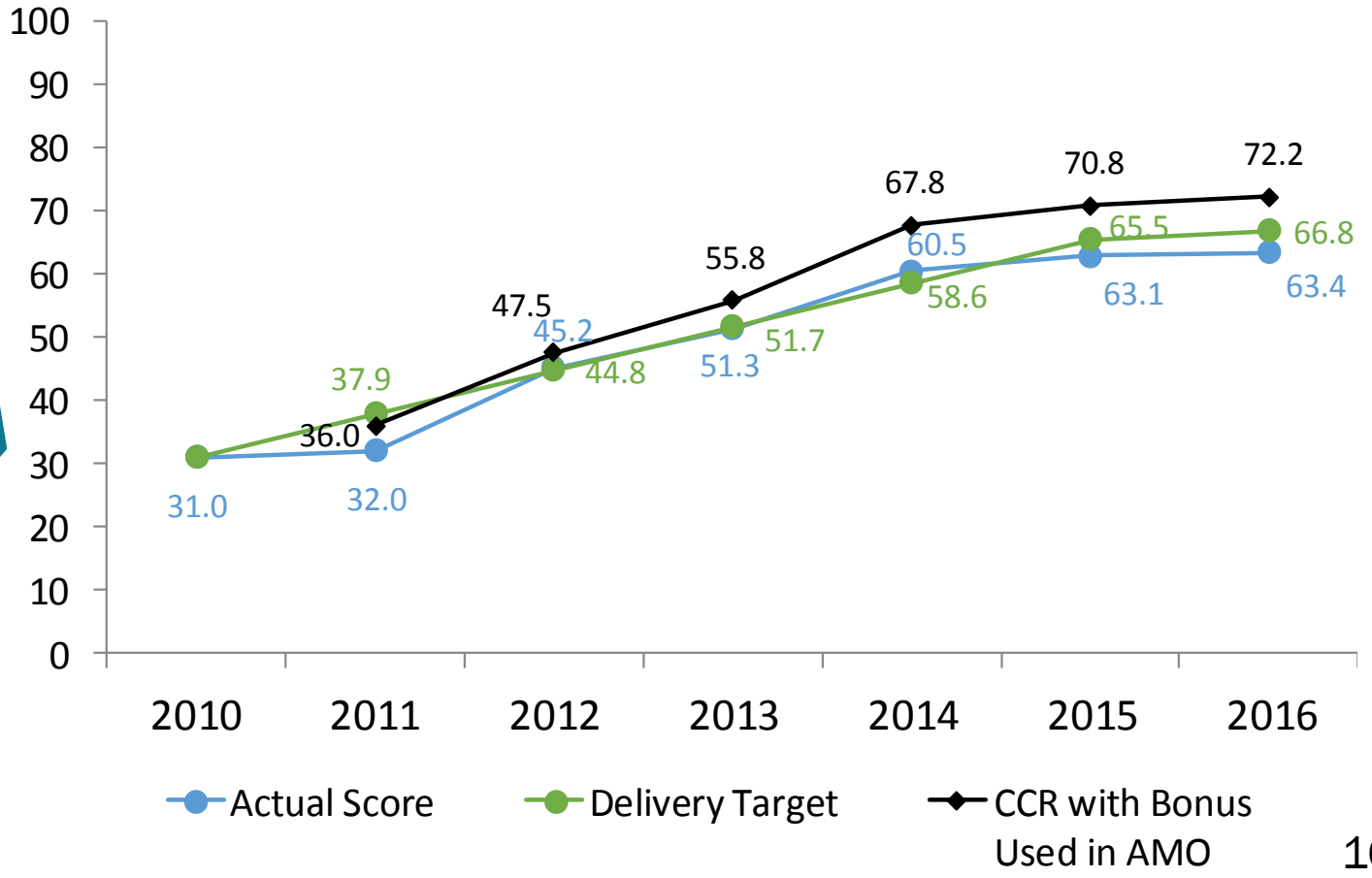
Gap	2012 % PD	2013 % PD	2014 % PD	2015 % PD	2016 % PD	
Reading	38.4	39.8	38.8	37.6	39.5	↑
Mathematics	35.1	27.5	27.3	28.8	38.1	↑
Science	19.3	27.3	27.9	26.4	23.9	↓
Social Studies	25.4	42.4	45.1	45.7	48.4	↑
Writing	34.4	37.0	33.1	36.2	30.6	↓
Language Mech.	30.4	30.0	29.0	28.4	35.2	↑

	2012	2013	2014	2015	2016	
CCR (w/o bonus)	45.2	51.3	60.5	63.0	63.4	↑
Grad Rate (4 yr)			79.0	79.0	80.1	↑
Grad Rate (5 yr)		80.7	81.4	81.5		↑

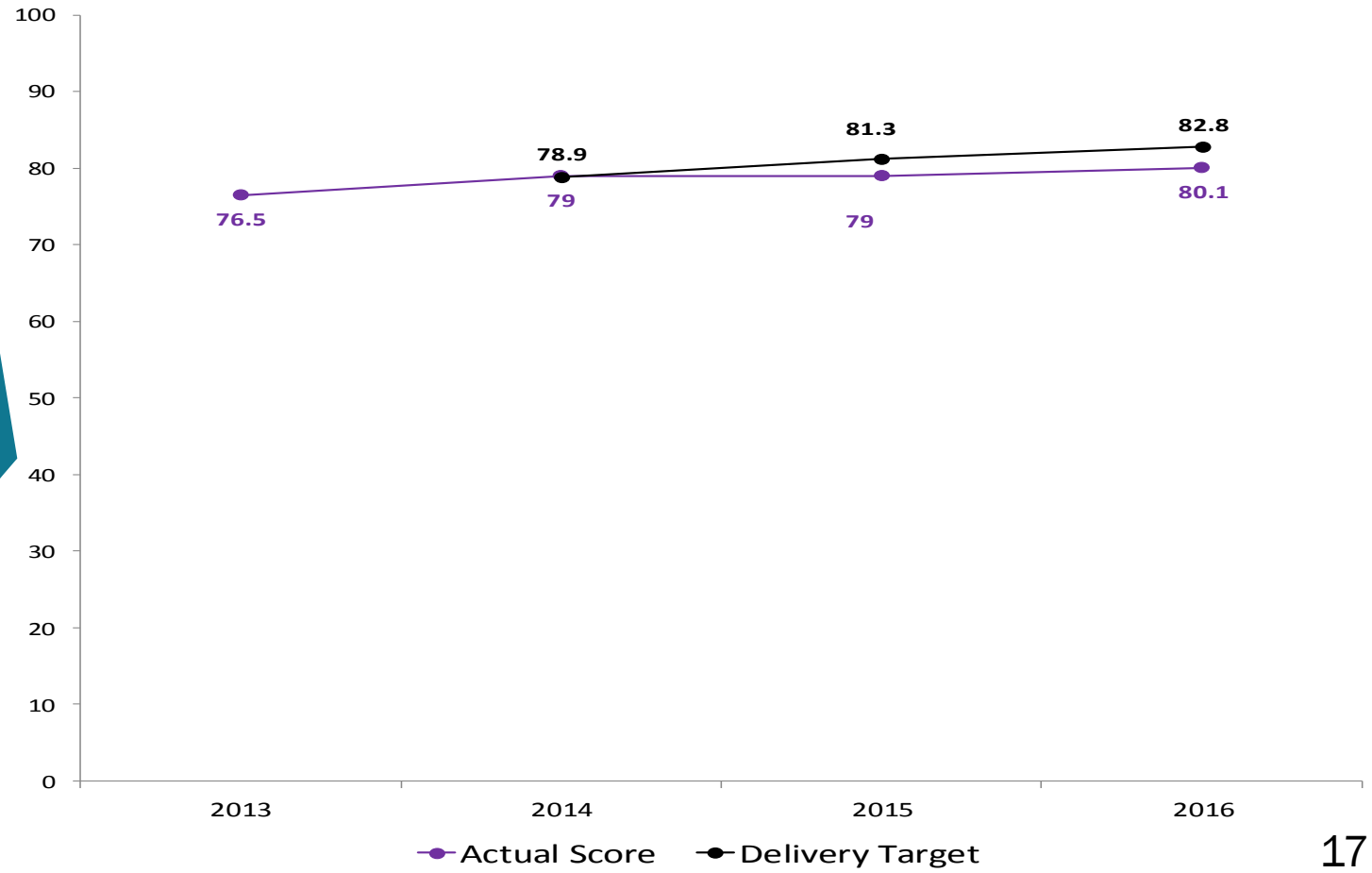
Novice Red.	% Novice 2015 Gap Group	% Novice 2016 Gap Group	% Target Met
Reading	52.7	49.7	54.7%
Mathematics	29.7	22.7	100%

Novice reduction also includes individual student groups

JCPS College & Career Readiness:

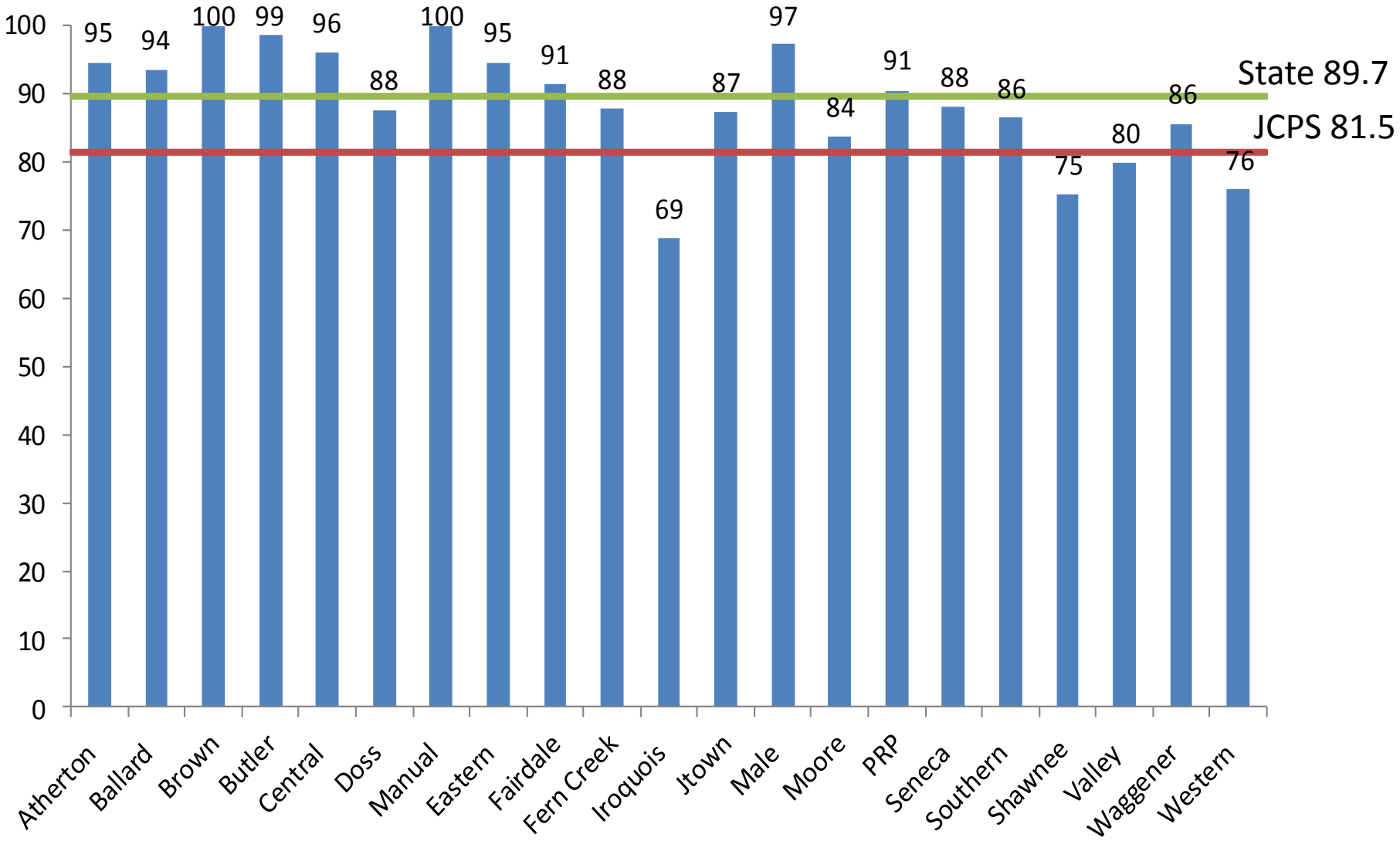


JCPS Four Year Cohort Graduation



2015 Graduation Rate (5yr Cohort) – Used in AMO

10 Schools Above State Average



What's Improving?

- All individual student groups, except LEP students, increased their proficiency rates in combined reading and math
- College and Career Readiness rates continue to rise
- 4 Year Graduation Rate above 80% for first time
- More priority schools meeting their AMOs

2015-16 District Support Strategies:
Building Capacity in Next Generation Teachers

Strategy 2.2.3 Increase and Deepen Professional Learning:

- Phase IV PLC Work – Assessment Literacy
- Phase II – Differentiated Instruction
- Bellarmine Literacy Project
- SREB Middle School Project
- Aligned Curriculum, Assessment and Grading Systems
- Curriculum Cycle PD System
- Data Analysis Teams
- Just in Time PD

2015-16 District Support Strategies:
Building Capacity in Next Generation Leaders/Principals

Strategy 2.2.4 Develop Leaders:

- National Institute for School Leadership (NISL)
- School Improvement Academy
- Individualized Coaching
- Principal Communication Committee
- SBAT Leadership Networks
- PGES Goal Setting and Tracking
- Assistant Principals in all Elementary Schools
- Goal Clarity Coaches
- District Priority School Director

Where Do We Need to Focus?

- Focus on reducing novices for all student groups in Reading and Math at all levels
- Continue to work on closing the achievement gap by working with our lowest performing groups (i.e. ELL, ECE)
- Support writing and language mechanics
- Accelerate growth for college and career readiness

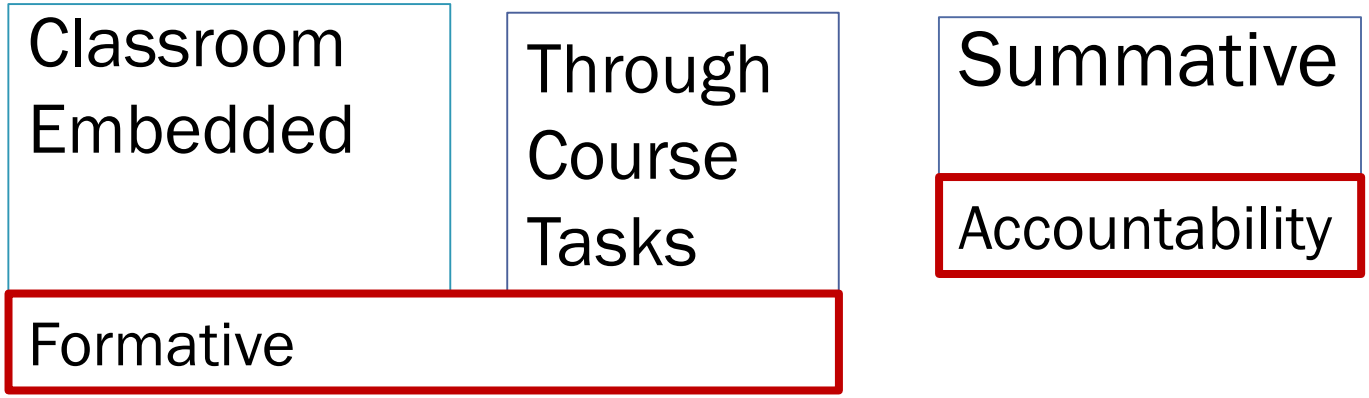
Next Steps 2016-17

- Continue/refine our work with PLCs
- Refine Professional Growth and Evaluation System
- Offer Content Specific PD to address key areas of focus
- Additional Resources for Specific School Needs
- Strengthen KDE partnerships in Priority Schools
- Build on Deeper Learning and Refining Assessment Strategies
- Establish SBATs/Professional Learning Network for Assistant Principals - New
- Novice Reduction Training for all schools - New

2016-17 Changes: Science

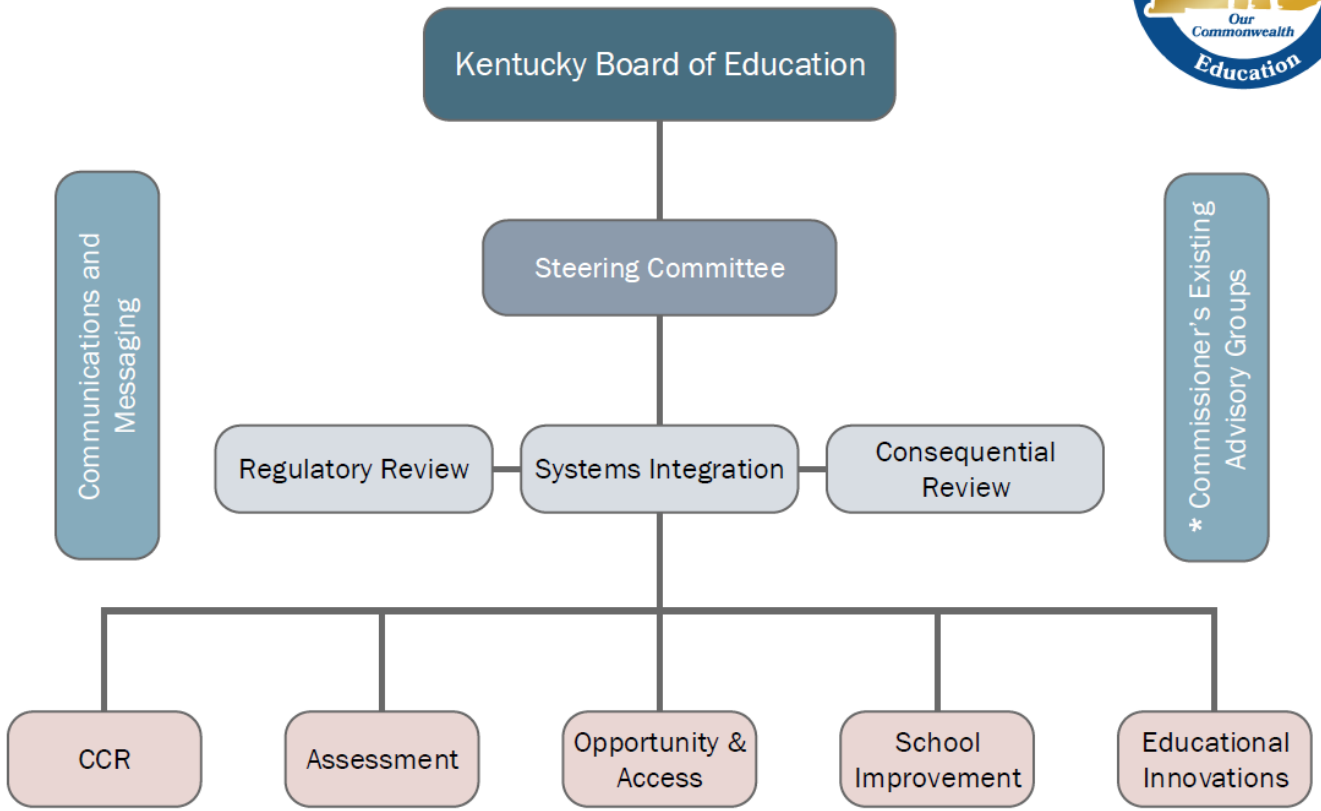
Science System of Assessment Students Achieving the Standards

- Instructionally driven system
- Measures Kentucky standards
- Developed by Kentucky teachers



KY New Accountability System

Developing Kentucky's Accountability System



* Commissioner's existing advisory groups will be updated regularly on progress and asked for input.

Proposed Elements Reported in KY Accountability System

- Reported and used in accountability ratings and actions
  - i.e. proficiency/postsecondary readiness, English language proficiency, graduation, growth, school quality/student success, local option elements
- Reported and used to inform understanding and actions, but not included in accountability ratings
  - i.e. postsecondary readiness, equitable access, learning environment, systems of support, community/business partnerships, local option elements
- Reported outside the accountability system

ESSA Final Regulations Impact on Accountability

- Released November 29, 2016
- Shifted timeline
- Consolidated State Plan due in September
- Possibility of modeling the new system in 2017-18
- Possibility of implementing a new system in 2018-19

BOARD DASHBOARD

Purpose

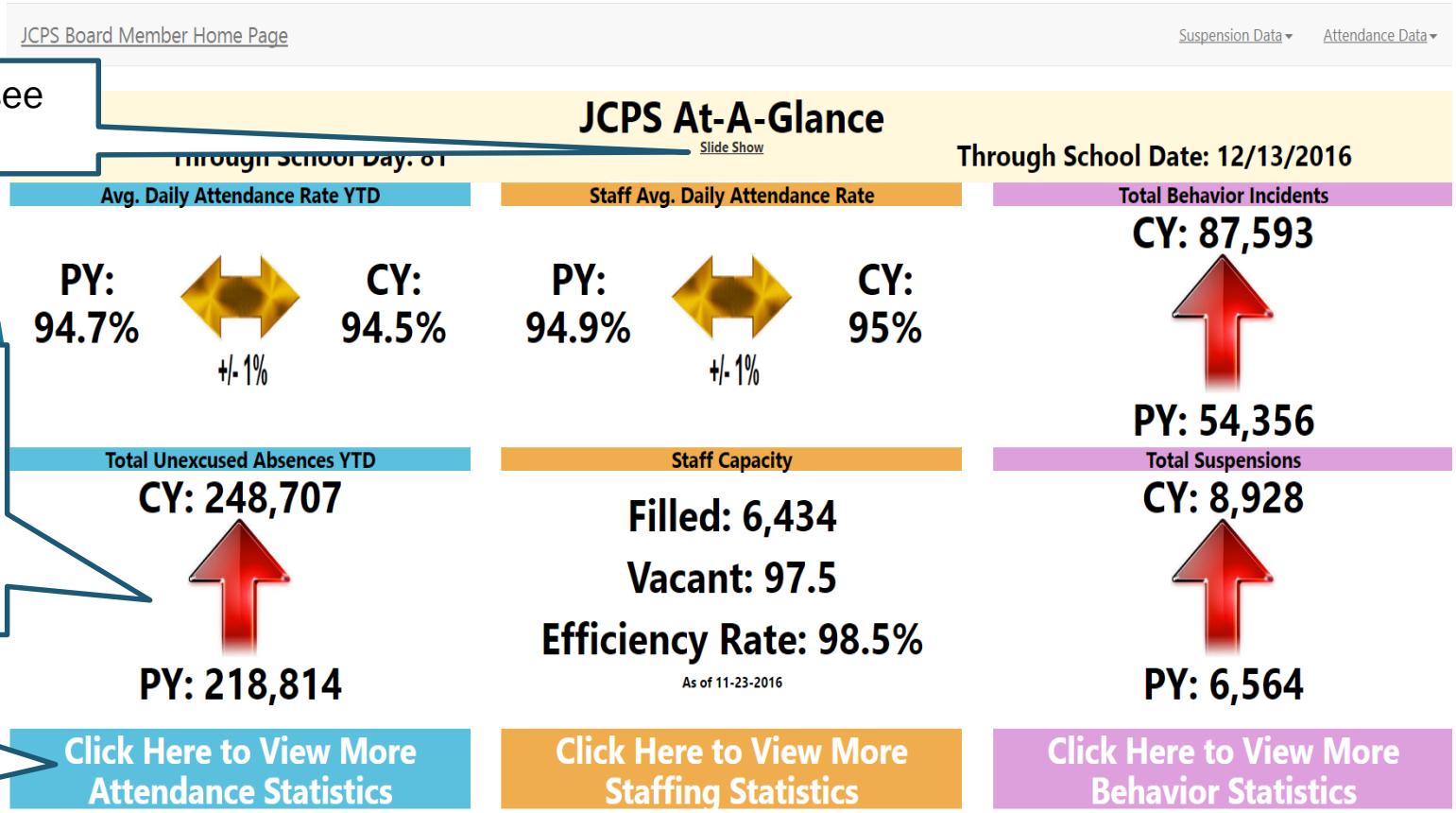
- Enable the Board to conduct its oversight of day-to-day activities more effectively
- Provide a means by which board members can drill down to answer specific data questions

Board Dashboard – Main Page

Click here to see slide show

Color shows whether we are moving in right direction; arrows shows whether data is up or down

Click here to drill down to more data



Student Behavior

- # Incidents by School
- # of Incidents by Grade
- # of Incidents by Month
- # of Incidents by Student group
- # Incidents by Location
- Top 3 Behavior Events
- Top 3 Resolutions

Attendance Tracking | Staff Information | Behavior Tracking

Student Behavior

Filters:
Year: 2016-17 District: All Achievement Area: All
School Type: All School Level: All Grade: All School: All
Behavior Event: All Resolution: All

School Year | Districts | Areas
School Types | School Levels | Grades
Schools | Events | Resolutions

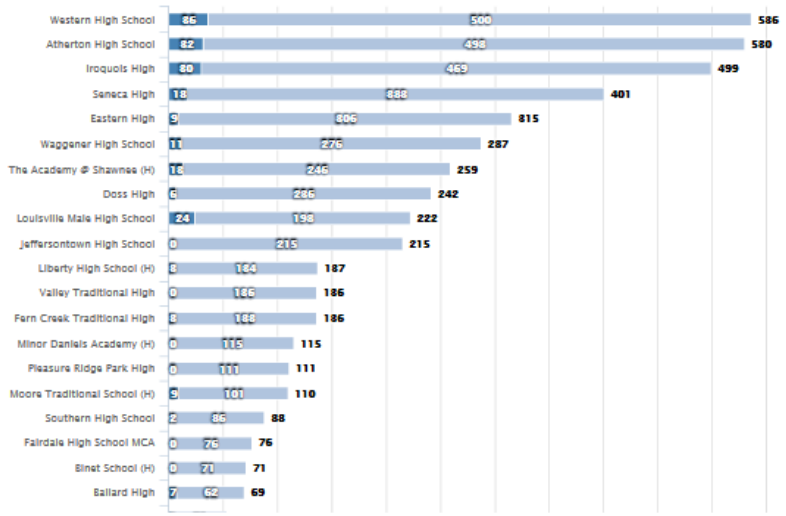
Click here to set filters

View by: Incidents | Resolution Days

Incidents by School

For Year-to-Date, Current Month

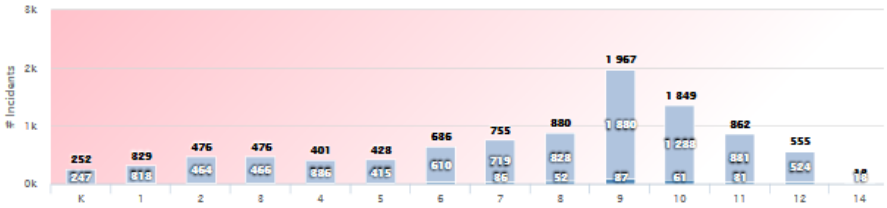
2017 September Incidents (890) | 2017 Incidents Excluding September (8,991)



Incidents by Grade

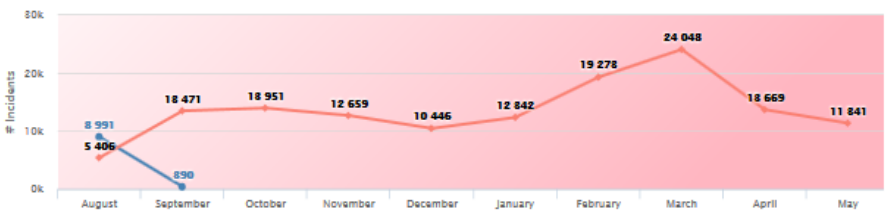
For Year-to-Date, Current Month

2017 September Incidents | 2017 Incidents Excluding September



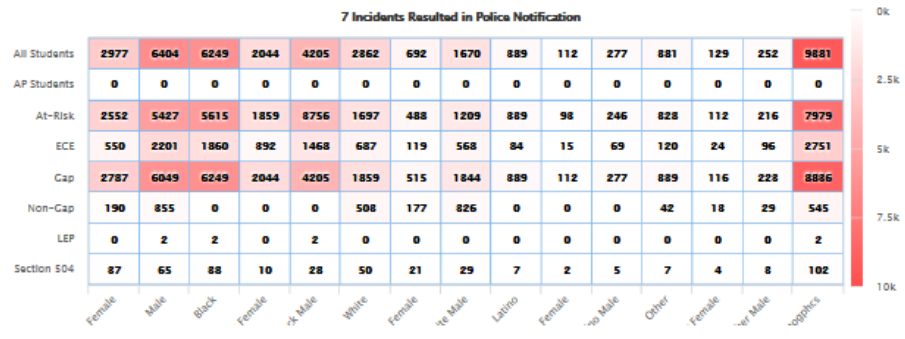
Incidents by Month

2017 Incidents by Month | 2016 Incidents by Month

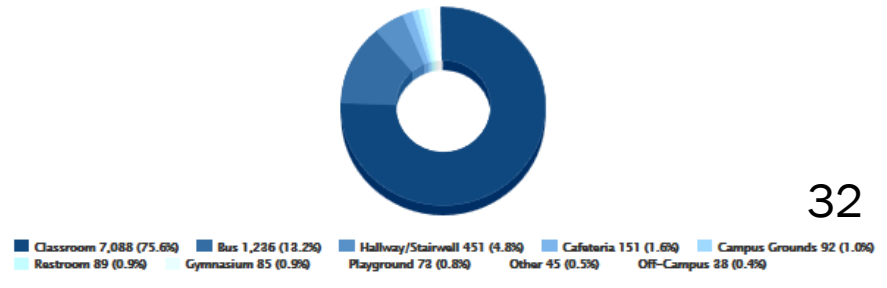


Demographic Heatmap – YTD

7 Incidents Resulted in Police Notification



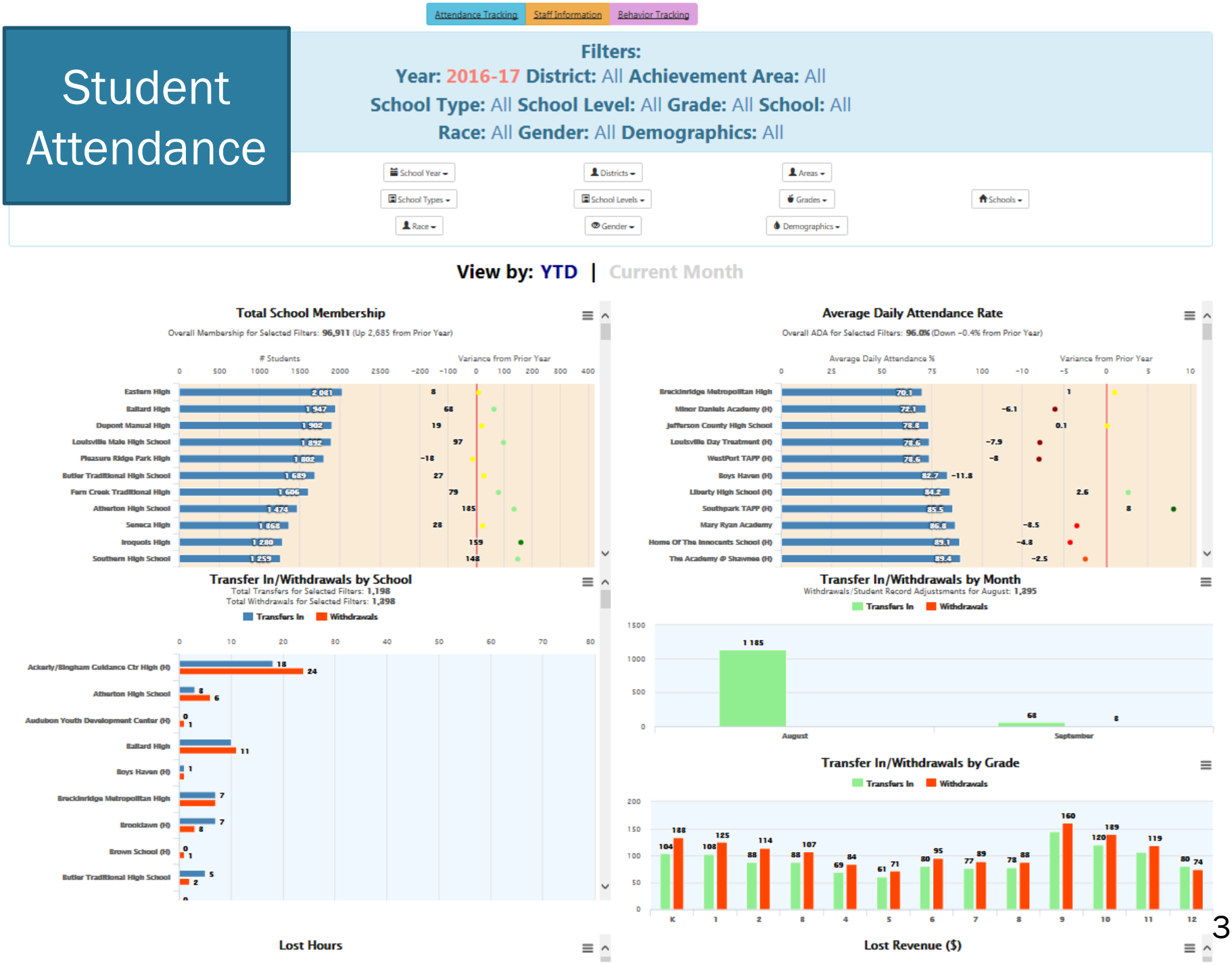
Current Year Incidents by Location (9,381)

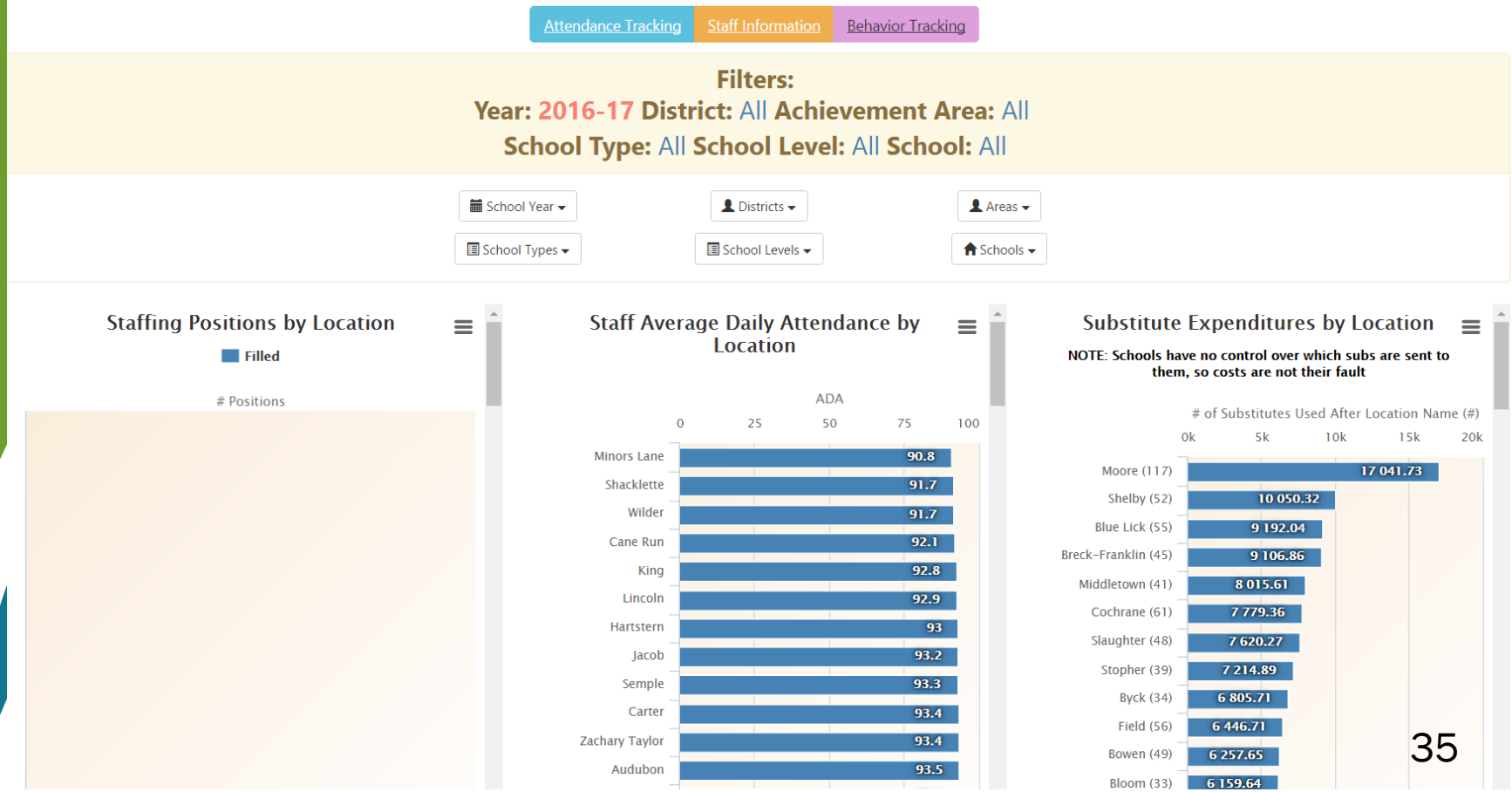


Student Attendance

- Total School Membership
- Average Daily Attendance Rate
- Transfer In/Withdrawals by School, Month, Grade
- Lost Hours
- Lost Revenue
- Total Absences
- Total Habitual Truant Students
- Total Chronic Absence Students

Student Attendance



Staff Attendance

- In Development