

# **Accountability Webinar 2015 CCRPI**

## **PROGRESS**

**July 8, 2015**

**10:00-11:30**

Georgia Department of Education

# Accountability Webinars



Richard Woods,  
Georgia's School Superintendent  
"Educating Georgia's Future"  
[ga DOE.org](http://ga DOE.org)

Accountability will host a series of webinars which explain all aspects of the CCRPI, specifically how data elements are used for CCRPI calculations.

## Webinar Schedule

June 3, 2015	Resources
June 10, 2015	Scoring
June 17, 2015	Achievement - Content Mastery
June 24, 2015	Achievement – Beyond Content Mastery
July 8, 2015	Progress
July 15, 2015	Achievement Gap
July 22, 2015	Graduation Rate

# Progress

- Definition of Progress
- Explanation of Student Growth Percentiles (SGPs)
- Example of CCRPI Report
- Progress Calculation
- Progress Points

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# Progress

- Progress is based on Student Growth Percentiles (SGPs) for Full Academic Year (FAY) students for each content area.
- The Progress Score on the CCRPI is calculated based on the percentage of a school's students demonstrating typical or high growth ( $SGP \geq 35$ ) via their SGPs.

# Student Growth Percentiles



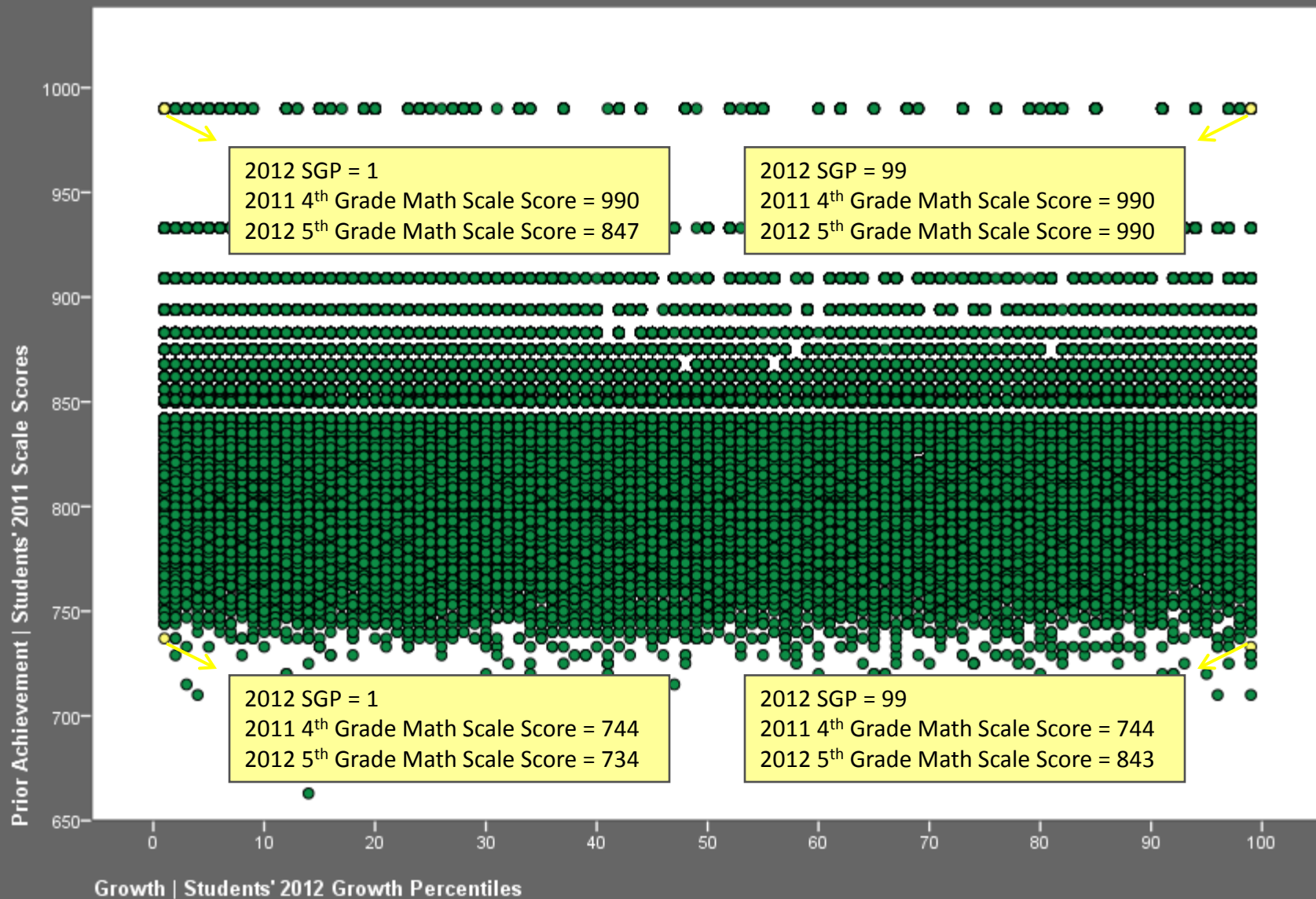
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- A student growth percentile (SGP) describes a student's growth relative to academically-similar students
  - Academically-similar students are other students statewide with a similar score history on state assessments
  - This ensures a student's starting point is considered when measuring his or her progress
- Growth percentiles range from 1 to 99
  - Lower percentiles indicate lower academic growth and higher percentiles indicate higher academic growth
  - Uses two years of prior scores, when available. Retest data is not included. SGPs are not calculated for EOC opt-out attempts; however, successful attempts may be used as prior scores (under review).
- All students, regardless of their achievement level, have the ability to demonstrate all levels of growth

All students can demonstrate all levels of growth – regardless of their achievement level

## Growth and Prior Achievement

Georgia 5th Grade Students  
2012 Mathematics Performance



# Transitioning SGPs to Georgia Milestones

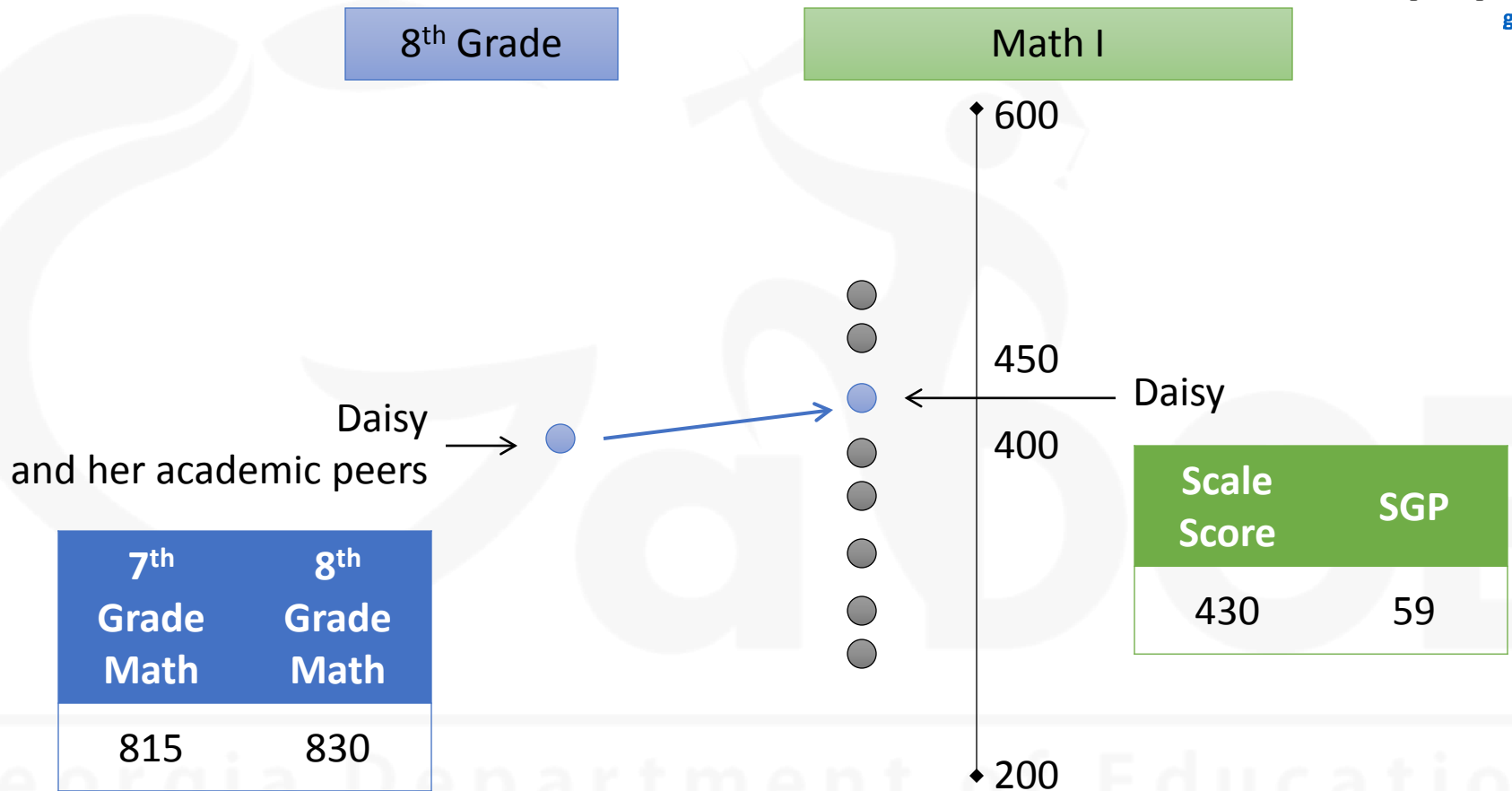


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- SGPs will continue to be calculated in 2015
  - Until we have enough years of implementation, baselines, targets and projections will be delayed
- CRCT/EOCT scores will be used as priors for new Milestones scores until they can be phased out
- Will SGPs go down as a result of the increased rigor of Georgia Milestones?
  - No because...

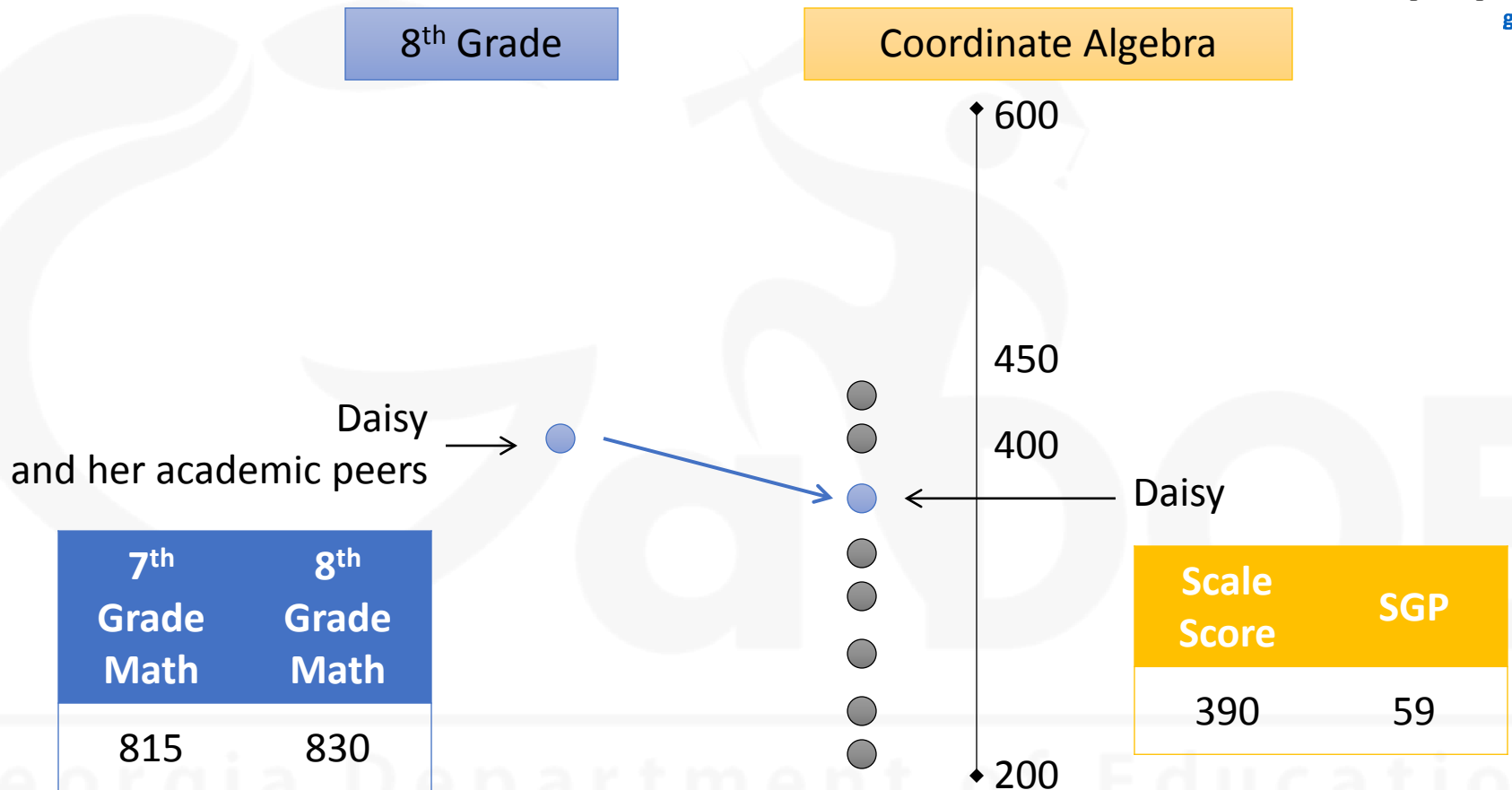
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# Transitioning Assessments



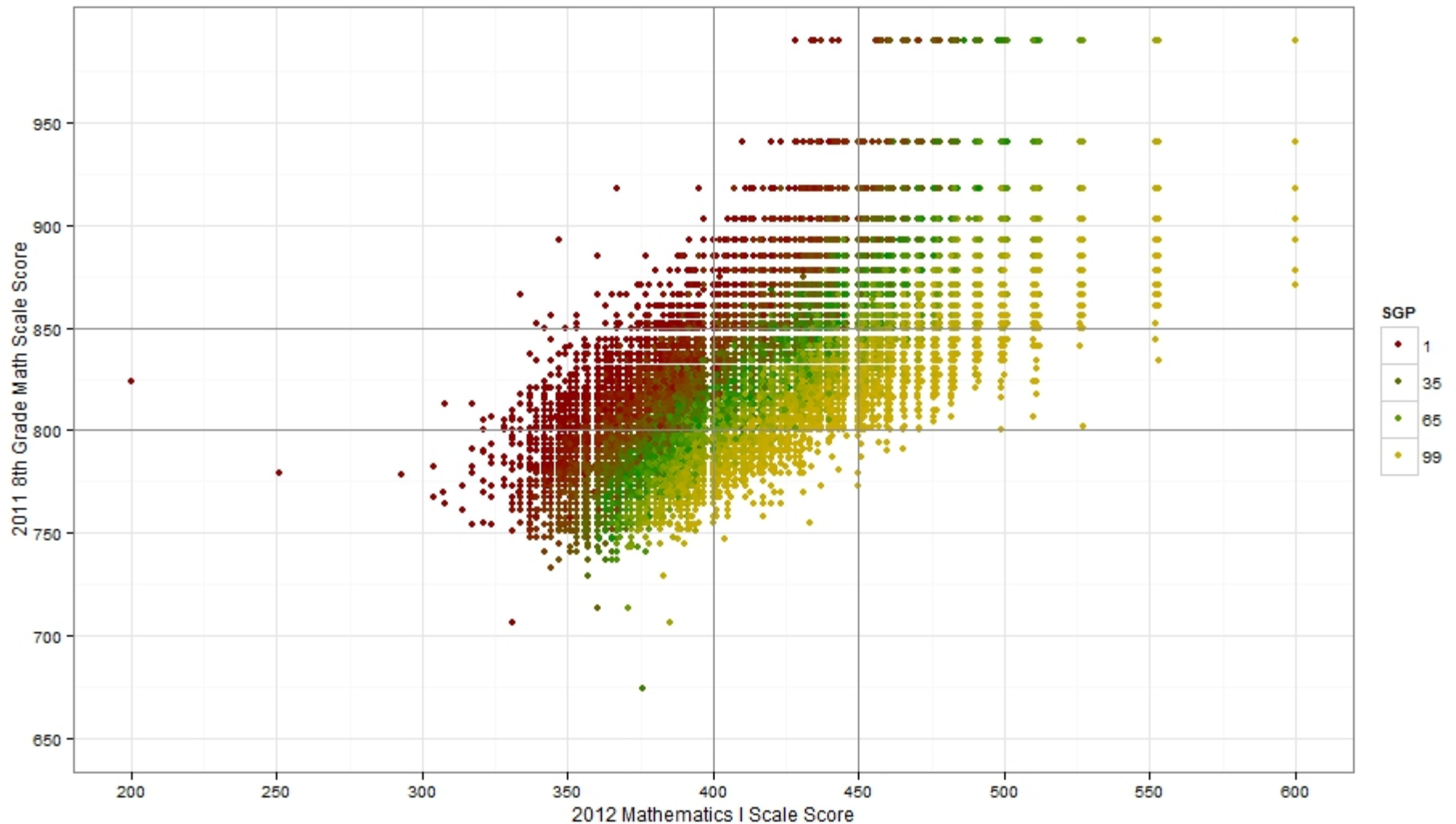


# Transitioning Assessments



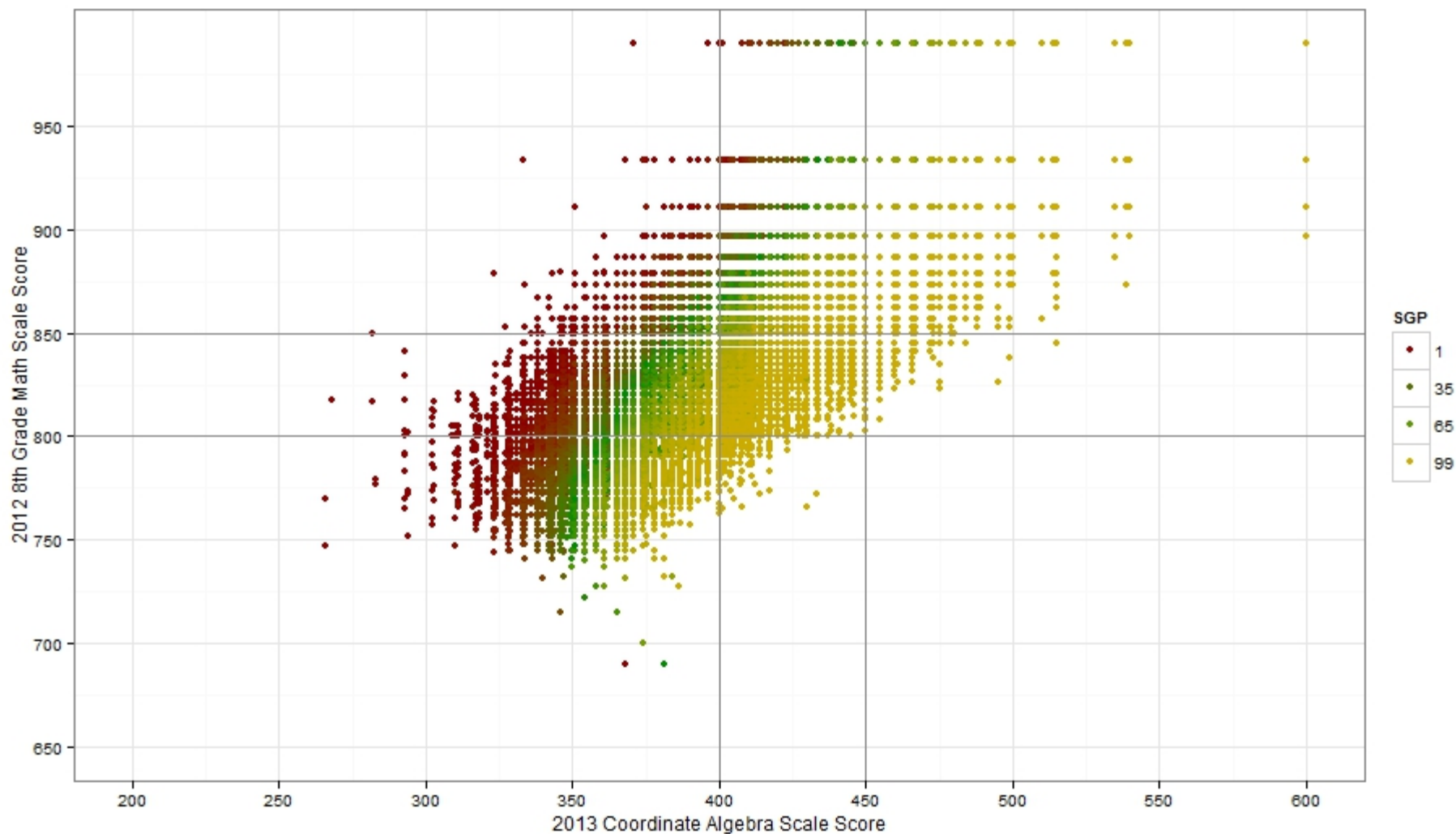
# Relationship Between Prior Score, Current Score, and SGP

## 2012 Mathematics I



# Relationship Between Prior Score, Current Score, and SGP

## 2013 Coordinate Algebra



# Student Growth Levels

- Low (1-34), Typical (35-65), and High (66-99)
- Levels were set using information about the interaction between student growth and status-based achievement
  - A student who demonstrates low growth generally will regress academically (i.e., not maintain his/her current level of achievement)
  - A student who demonstrates typical growth generally will maintain or improve academically
  - A student who demonstrates high growth generally will make greater improvement academically

# PROGRESS on CCRPI Report

## PROGRESS

High School Indicators Content Area Assessments	Count of Students Meeting Typical/High Growth	Count of Students with Student Growth Percentiles (SGPs)
EOC : 9th Grade Literature, American Literature	288	470
EOC : Algebra, Geometry	326	492
EOC : Biology, Physical Science	321	539
EOC : US History, Economics	318	463
<b>Total</b>	<b>1253</b>	<b>1964</b>
<b>Percent Meeting Typical/High Growth</b>	<b>.63798</b>	
<b>Weighted Performance</b>	<b>(.63798)*25</b>	
<b>Progress Points Earned</b>	<b>15.9</b>	

# Progress Calculations

Use data files to determine the following for each content area:

FAY Participants with an SGP meeting Typical or High Growth  
FAY Participants

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# Typical/High Growth



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SGP Ranges	Type of Growth
1-34	Low Growth
35-65	Typical Growth
66-99	High Growth

## For High Schools

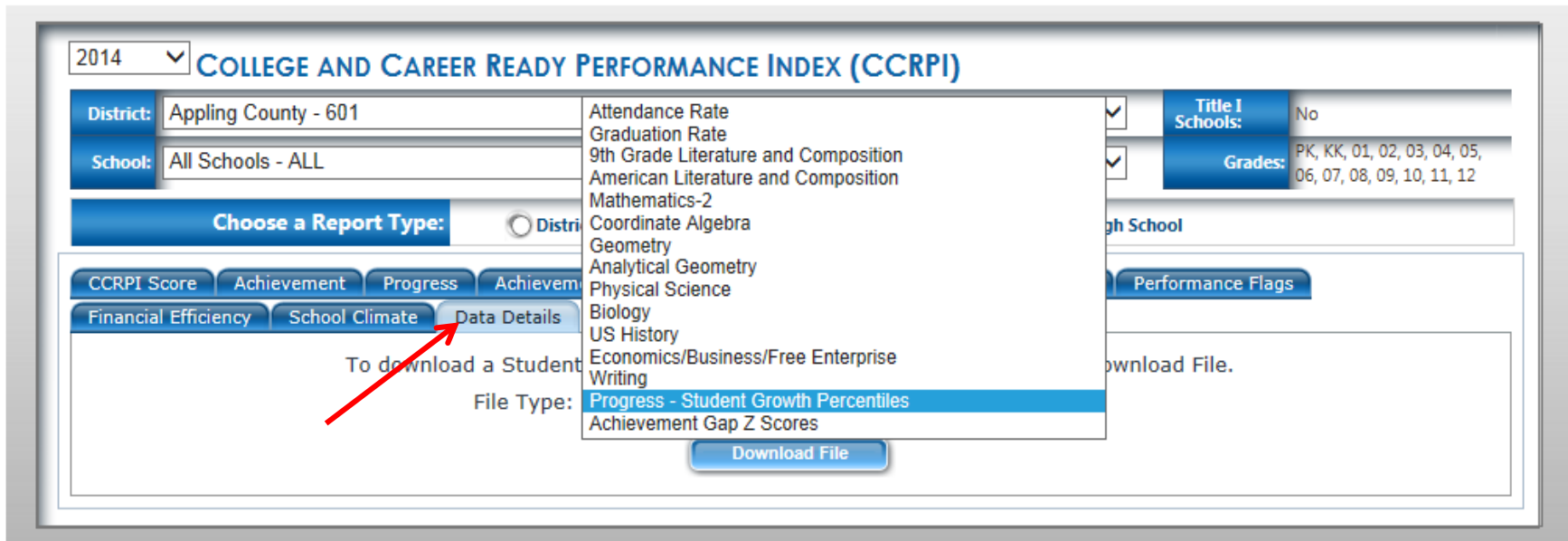
- ELA EOC: 9th Grade Literature and American Literature
- Math EOC: Coordinate Algebra and Analytic Geometry
- Science EOC: Biology and Physical Science
- Social Studies EOC: US History and Economics

## For Elementary and Middle Schools

- ELA EOG
- Math EOG
- Science EOG
- Social Studies EOG

\*GAA assessment scores are not utilized for this calculation.





- Filters to use to determine 'Count of Students Meeting Typical/High Growth'
- Column G – Assessment Subject Area Code (Choose appropriate subject)
- Column R – FAY Participant = Y
- Column V – SGP Growth = High Growth, Typical Growth

# Points for High Schools

## PROGRESS

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- Sum the counts of *Students Meeting Typical/High Growth*.
- Sum the counts of *Students with SGPs*.
- Divide *Students Meeting Typical/High Growth* by *Students with SGPs* to get the *Weighted Performance*.
- In 2015, Progress will be benchmarked at the 95<sup>th</sup> percentile based on state level data for each grade band.
- Divide the *Weighted Performance* by the decimal value of the benchmark to obtain the adjusted performance.
- Multiply the adjusted performance by 25.
- The product is *Progress Points Earned*.

# Points for Elementary/Middle Schools

Elementary School Content Area Assessments	Count of Students Meeting Typical/High Growth	Count of Students with Student Growth Percentiles (SGPs)
CRCT: English Language Arts	136445	222103
<del>CRCT: Reading</del>	<del>151282</del>	<del>222503</del>
CRCT: Mathematics	147296	221051
CRCT: Science	153790	229437
CRCT: Social Studies	151427	228736
<b>Total</b>	<b>740240</b>	<b>1123830</b>
<b>Percent Meeting Typical/High Growth</b>	<b>.65868</b>	
<b>Weighted Performance</b>	<b>(.65868)*25</b>	
<b>Progress Points Earned</b>	<b>16.5</b>	

- Sum the counts of *Students Meeting Typical/High Growth*.
- Sum the counts of *Students with SGPs*.
- Divide *Students Meeting Typical/High Growth* by *Students with SGPs* to get the *Weighted Performance*.
- In 2015, Progress will be benchmarked at the 95<sup>th</sup> percentile based on state level data for each grade band.
- Divide the *Weighted Performance* by the decimal value of the benchmark to obtain the adjusted performance.
- Multiply the adjusted performance by 25.
- The product is *Progress Points Earned*.



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Content Area Assessments	Count of Students Meeting Typical/High Growth	Count of Students with Student Growth Percentiles (SGPs)
English Language Arts	210189	337380
Mathematics	206823	334890
Science	227160	347809
Social Studies	221145	346464
<b>Total</b>	<b>865317</b>	<b>1366543</b>
<b>Percent Meeting Typical/High Growth</b>	0.633216	
<b>Benchmark</b>	83.6%	
<b>Adjusted Percent Meeting Typical/High Growth</b>	0.75744	
<b>Weighted Performance</b>	(0.75744) * 25	
<b>Progress Points Earned</b>	18.936	

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<b>Progress Points Earned</b>	<b>15.9</b>	

CCRPI Score						
<b>69.1</b>						
Sum of Achievement, Progress, Achievement Gap, and Challenge Points						
Achievement Points	Progress Points	Achievement Gap Points	Challenge Points		Financial Efficiency Rating	School Climate Rating
			ED/EL/SWD Performance Points	Exceeding the Bar Points		
<b>44.3</b>	<b>15.9</b>	<b>6.3</b>	2.6	0		★★★★
			<b>2.6</b>			



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# Questions and Answers

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Dr. Melissa Fincher, Deputy Superintendent  
for  
Assessment and Accountability

<http://www.gadoe.org/Curriculum-Instruction-and-Assessment/Accountability/Pages/default.aspx>

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