

Accountability Webinar 2015 CCRPI

**ACHIEVEMENT
CONTENT MASTERY**

June 17, 2015

10:00-11:30

Georgia Department of Education

Accountability Webinars



Richard Woods,
Georgia's School Superintendent
"Educating Georgia's Future"
gaDOE.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

Achievement Scoring Details 2015 CCRPI



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Achievement – 60 points		
Elementary School	Middle School	High School
Content Mastery (40%) - EOG	Content Mastery (40%) - EOG	Content Mastery (40%) - EOC
40% x 60 = .40 x 60 = 24 4 indicators 24 / 4 = 6 points each	40% x 60 = .40 x 60 = 24 4 indicators 24 / 4 = 6 points each	40% x 60 = .40 x 60 = 24 8 indicators 24 / 8 = 3 points each
Post Readiness (30%)	Post Readiness (30%)	Post Readiness (30%)
30% x 60 = .30 x 60 = 18 6 indicators 18 / 6 = 3 points each	30% x 60 = .30 x 60 = 18 5 indicators 18 / 5 = 3.6 points each	30% x 60 = .30 x 60 = 18 8 indicators 18 / 8 = 2.25 points each
Grad Rate/Predictor (30%)	Grad Rate/Predictor (30%)	Grad Rate/Predictor (30%)
30% x 60 = .30 x 60 = 18 2 indicators 18 / 2 = 9 points each	30% x 60 = .30 x 60 = 18 2 indicators 18 / 2 = 9 points each	30% x 60 = .30 x 60 = 18 2 indicators 4-year cohort grad rate = 2/3 of 18 = 12 points 5-year cohort grad rate = 1/3 of 18 = 6 points

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2015 Content Mastery Indicators

High School



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1. Percent of students scoring at proficient or higher on the Georgia Milestones **Ninth Grade Literature** (required participation rate $\geq 95\%$)
2. Percent of students scoring at proficient or higher on the Georgia Milestones **American Literature** (required participation rate $\geq 95\%$)
3. Percent of students scoring at proficient or higher on the Georgia Milestones **Coordinate Algebra** (required participation rate $\geq 95\%$)
4. Percent of students scoring at proficient or higher on the Georgia Milestones **Analytic Geometry** (required participation rate $\geq 95\%$)
5. Percent of students scoring at proficient or higher on the Georgia Milestones **Physical Science** (required participation rate $\geq 95\%$)
6. Percent of students scoring at proficient or higher on the Georgia Milestones **Biology** (required participation rate $\geq 95\%$)
7. Percent of students scoring at proficient or higher on the Georgia Milestones **US History** (required participation rate $\geq 95\%$)
8. Percent of students scoring at proficient or higher on the Georgia Milestones **Economics** (required participation rate $\geq 95\%$)

Achievement Content Mastery Indicators High School



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Data Sources for Content Mastery Indicators

2015 CCRPI Data Element Quick Reference Guide

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

- **Student Record Data Elements**
 - Course number associated with all EOC courses
 - Enrollment and withdrawal dates
 - Course grade
- **FTE Survey**
 - Marking period start and end dates
- **End Of Course (EOC) Assessment Files**
- **Non-Participation Collection Application**
- **Assessment Matching Application**

Achievement Content Mastery Indicators High School



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- **Course Numbers**
- **Full Academic Year (FAY) Identification**
- **Meets & Exceeds Rate (EOC performance levels TBD)**
- **Participation Rate**

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Course Numbers

- CCRPI utilizes course numbers and numbering conventions contained in State Board Rule 160-4-2-.20 LIST OF STATE-FUNDED K-8 SUBJECTS AND 9-12 COURSES FOR STUDENTS ENTERING NINTH GRADE IN 2008 AND SUBSEQUENT YEARS.
- Course numbers utilized for CCRPI are posted in this rule.
<http://www.gadoe.org/External-Affairs-and-Policy/State-Board-of-Education/SBOE%20Rules/160-4-2-.20.pdf>

Course Number Description

XX.XXXXXXXX

- The **whole** number identifies the discipline or content area.
- The **second, third, and fourth** digits to the right of the decimal are static and identify the specific course.
- A course number will not be considered if the whole number as well as the second, third, and fourth digits to the right of the decimal do not match a course number within State Board Rule 160-4-2-.20.

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Full Academic Year (FAY)

- For high school students, FAY is calculated by determining if a student was enrolled in a course 65% of the number of days from the start of the course to the end of the course.
- The start and end dates used are provided by districts in the **FTE Survey**.
- For high school FAY calculation:
 - Key the start date and end date of the course, as reported in the FTE Survey, into a Julian calendar calculator.
<http://quasar.as.utexas.edu/BillInfo/JulianDateCalc.html>
 - Subtract the Julian Day number for the start date from the Julian Day number for the end date.
 - Multiply the difference by 0.65 (65%).
 - Round the product up to the nearest whole number:
 - 188.1 rounds to 189
 - 188.6 rounds to 189
 - This value represents the number of days a student needs to be enrolled in the school to be considered FAY. If Total Days Enrolled \geq Total FAY Days, then the student is a FAY Enrollee.

Total Days Enrolled	Total FAY Days	FAY Enrollee
91	90	Y
67	90	N

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Meets & Exceeds Rate (EOC performance levels TBD)

- Students who meet the FAY definition and have an assessment are FAY Participants **and** are included in the Meets & Exceeds Rate calculation.
 - If a 9th grade student has an EOC score from the previous 8th grade year, then that score is included in the calculation, provided the student remains in the same school district for both the 8th and 9th grade years.
- To replicate the rate on the report, open the subject assessment file, turn on the filters and filter on
 - FAY Participant = YES Look at the number at the bottom left of the screen. This number is the number of students who meet the FAY definition.
 - Performance Code = ADV & PRO Look at the number at the bottom left of the screen. This number is the number of students who passed the assessment.
 - Divide the Performance Code count (ADV & PRO) by the FAY Participant count. This should yield the rate posted on the report.

$$\text{Meets \& Exceeds Rate} = \frac{\text{Performance Code (ADV \& PRO)}}{\text{FAY Participant}}$$

$$\text{Meets \& Exceeds Rate} = \frac{468}{494} = 0.947368 = 94.7\%$$

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Using the data to identify strengths and weaknesses

2014 **COLLEGE AND CAREER READY PERFORMANCE INDEX (CCRPI)**

District: Appling County - 601 Title I Schools: No

School: All Schools - ALL Grades: PK, KK, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12

Choose a Report Type: District Score Elementary School Middle School High School

CCRPI Score Achievement Progress Achievement Gap ED/EL/SWD Performance Exceeding the Bar Performance Flags

Financial Efficiency School Climate Data Details

To download a Student Data File: Please select the File Type, then click Download File.

File Type: Attendance Rate
Graduation Rate
9th Grade Literature and Composition
American Literature and Composition
Mathematics-2
Coordinate Algebra
Geometry
Analytical Geometry
Physical Science
Biology
US History
Economics/Business/Free Enterprise
Writing
Progress - Student Growth Percentiles
Achievement Gap Z Scores

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Participation Rate

- Students are expected to participate in the assessment if they are course enrolled and have a course grade (final grade). Course numbers submitted in Student Record are crucial.
- To replicate the rate on the report, open the subject assessment file, turn on the filters, and filter on
 - Test Enrollment = YES Look at the number at the bottom left of the screen. This number is the number of students who were course enrolled and received a course grade and are expected to participate in the assessment.
 - Test Participant = YES Look at the number at the bottom left of the screen. This number is the number of students who participated in the assessment.
 - Divide the Test Participant count by the Test Enrollment count. This should yield the rate posted on the report.

$$\text{Participation Rate} = \frac{\text{Test Participant}}{\text{Test Enrollment}} \quad \text{Participation Rate} = \frac{497}{500} = 0.994 = 99.4\%$$

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Achievement Content Mastery Indicators High School



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Using a Data Details download file

- Identify students not passing the subject assessment
- Review Lexile data

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2015 Content Mastery Indicators

Elementary/Middle School



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1. Percent of students scoring at proficient or higher on the Georgia Milestones **ELA** (required participation rate $\geq 95\%$)
2. Percent of students scoring at proficient or higher on the Georgia Milestones **mathematics** (required participation rate $\geq 95\%$)
3. Percent of students scoring at proficient or higher on the Georgia Milestones **science** (required participation rate $\geq 95\%$)
4. Percent of students scoring at proficient or higher on the Georgia Milestones **social studies** (required participation rate $\geq 95\%$)

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Achievement Content Mastery Elementary/Middle School



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Data Sources for Content Mastery Indicators

2015 CCRPI Data Element Quick Reference Guide

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

- **Student Record Data Elements**
 - Enrollment date
 - Withdrawal date
- **EOG Assessment Files**
- **Non-Participation Collection Application**
- **Assessment Matching Application**

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Achievement Content Mastery Indicators Elementary/Middle School



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- Full Academic Year (FAY) Identification
- Meets & Exceeds Rate (EOG performance levels TBD)
- Participation Rate

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Achievement Content Mastery Indicators Elementary/Middle School



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Full Academic Year (FAY)

- For elementary and middle school students, FAY is calculated by determining if a student was enrolled 65% of the number of days from the start of the year to the close of the state testing window.
- The start date used is provided by districts in the **FTE Survey**.
- For elementary/middle school FAY calculation:
 - Key the date for the first day of school and the end date for the close of the state testing window into a Julian calendar calculator.
<http://quasar.as.utexas.edu/BillInfo/JulianDateCalc.html>
 - Subtract the Julian Day number for the start date from Julian Day number for the end date for the close of the state testing window.
 - Multiply the difference by 0.65 (65%).
 - Round the product up to the nearest whole number:
 - 188.1 rounds to 189
 - 188.6 rounds to 189
 - This value represents the number of days a student needs to be enrolled in the school to be considered FAY.

Total Days Enrolled	Total FAY Days	FAY Enroll
270	176	Y
95	176	N

Achievement Content Mastery Indicators Elementary/Middle School



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Meets & Exceeds Rate (EOG performance levels TBD)

- Students who meet the FAY definition **and** have an assessment are FAY Participants and are included in the Meets & Exceeds Rate calculations.
- To replicate the rate on the report, open the subject assessment file, turn on the filters and filter on
 - FAY Participant = YES Look at the number at the bottom left of the screen. This number is the number of students who meet the FAY definition.
 - Performance Code = ADV & PRO Look at the number at the bottom left of the screen. This number is the number of students who passed the assessment.
 - Divide the Performance Code count (ADV & PRO) by the FAY Participant count. This should yield the rate posted on the report.

Meets & Exceeds Rate = Performance Code of ADV & PRO

FAY Participant

Meets & Exceeds Rate = 491 = 0.921200 = 92.1%

533

Achievement Content Mastery Elementary/Middle School



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Using the data to identify strengths and weaknesses

2014 COLLEGE AND CAREER READY PERFORMANCE INDEX (CCRPI)

District:	Appling County - 601 <input type="button" value="v"/>	Title I Schools:	No
School:	All Schools - ALL <input type="button" value="v"/>	Grades:	PK, KK, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12

Choose a Report Type: District Score Elementary School Middle School High School

CCRPI Score | Achievement | Progress | Achievement Gap | ED/EL/SWD Performance | Exceeding the Bar | Performance Flags

Financial Efficiency | School Climate | Data Details

To download a Student Data File: Please select the File Type, then click Download File.

File Type:

- Attendance Rate
- English Language Arts
- Reading
- Mathematics
- Science
- Social Studies
- Writing
- Progress - Student Growth Percentiles
- Achievement Gap Z Scores

Achievement Content Mastery Indicators Elementary/Middle School



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Participation rate

- Students who are continuously enrolled during the state testing window are expected to participate in the assessment.
- To replicate the rate on the report, open the subject assessment file, turn on the filters, and filter on
 - Test Enrollment = YES Look at the number at the bottom left of the screen. This number is the number of students are expected to participate in the assessment.
 - Test Participant = YES Look at the number at the bottom left of the screen. This number is the number of students who participated in the assessment.
 - Divide the Test Participant count by the Test Enrollment count. This should yield the rate posted on the report.

$$\text{Participation Rate} = \frac{\text{Test Participant}}{\text{Test Enrollment}} \quad \text{Participation Rate} = \frac{566}{570} = 0.992982 = 99.2\%$$

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QUESTIONS & ANSWERS

Georgia Department of Education

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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