Accountability Webinar
2015 CCRPI

ACHIEVEMENT
CONTENT MASTERY

June 17, 2015
10:00-11:30
Accountability will host a series of webinars which explain all aspects of the CCRPI, specifically how data elements are used for CCRPI calculations.

<table>
<thead>
<tr>
<th>Webinar Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 3, 2015</td>
</tr>
<tr>
<td>June 10, 2015</td>
</tr>
<tr>
<td>June 17, 2015</td>
</tr>
<tr>
<td>June 24, 2015</td>
</tr>
<tr>
<td>July 8, 2015</td>
</tr>
<tr>
<td>July 15, 2015</td>
</tr>
<tr>
<td>July 22, 2015</td>
</tr>
</tbody>
</table>
# Achievement Scoring Details
## 2015 CCRPI

<table>
<thead>
<tr>
<th>Achievement – 60 points</th>
<th>Elementary School</th>
<th>Middle School</th>
<th>High School</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Content Mastery (40%) - EOG</strong></td>
<td>40% x 60 = .40 x 60 = 24</td>
<td>40% x 60 = .40 x 60 = 24</td>
<td>40% x 60 = .40 x 60 = 24</td>
</tr>
<tr>
<td>4 indicators</td>
<td>4 indicators</td>
<td>8 indicators</td>
<td></td>
</tr>
<tr>
<td>24 / 4 = 6 points each</td>
<td>24 / 4 = 6 points each</td>
<td>24 / 8 = 3 points each</td>
<td></td>
</tr>
<tr>
<td><strong>Post Readiness (30%)</strong></td>
<td>30% x 60 = .30 x 60 = 18</td>
<td>30% x 60 = .30 x 60 = 18</td>
<td>30% x 60 = .30 x 60 = 18</td>
</tr>
<tr>
<td>6 indicators</td>
<td>5 indicators</td>
<td>8 indicators</td>
<td></td>
</tr>
<tr>
<td>18 / 6 = 3 points each</td>
<td>18 / 5 = 3.6 points each</td>
<td>18 / 8 = 2.25 points each</td>
<td></td>
</tr>
<tr>
<td><strong>Grad Rate/Predictor (30%)</strong></td>
<td>30% x 60 = .30 x 60 = 18</td>
<td>30% x 60 = .30 x 60 = 18</td>
<td>30% x 60 = .30 x 60 = 18</td>
</tr>
<tr>
<td>2 indicators</td>
<td>2 indicators</td>
<td>2 indicators</td>
<td></td>
</tr>
<tr>
<td>18 / 2 = 9 points each</td>
<td>18 / 2 = 9 points each</td>
<td>4-year cohort grad rate = 2/3 of 18 = 12 points</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5-year cohort grad rate = 1/3 of 18 = 6 points</td>
<td></td>
</tr>
</tbody>
</table>
ACHIEVEMENT
2015 Content Mastery Indicators
High School

1. Percent of students scoring at proficient or higher on the Georgia Milestones Ninth Grade Literature (required participation rate ≥ 95%)
2. Percent of students scoring at proficient or higher on the Georgia Milestones American Literature (required participation rate ≥ 95%)
3. Percent of students scoring at proficient or higher on the Georgia Milestones Coordinate Algebra (required participation rate ≥ 95%)
4. Percent of students scoring at proficient or higher on the Georgia Milestones Analytic Geometry (required participation rate ≥ 95%)
5. Percent of students scoring at proficient or higher on the Georgia Milestones Physical Science (required participation rate ≥ 95%)
6. Percent of students scoring at proficient or higher on the Georgia Milestones Biology (required participation rate ≥ 95%)
7. Percent of students scoring at proficient or higher on the Georgia Milestones US History (required participation rate ≥ 95%)
8. Percent of students scoring at proficient or higher on the Georgia Milestones Economics (required participation rate ≥ 95%)
Achievement
Content Mastery Indicators
High School

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

• Course Numbers

• Full Academic Year (FAY) Identification

• Meets & Exceeds Rate (EOC performance levels TBD)

• Participation Rate
Achievement
Content Mastery Indicators
High School

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.
Achievement Content Mastery Indicators
High School

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](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 ≥ Total FAY Days, then the student is a FAY Enrollee.
Achievement Content Mastery Indicators

High School

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.

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

Meets & Exceeds Rate = \( \frac{468}{494} = 0.947368 = 94.7\% \)
Achievement Content Mastery Indicators High School

Using the data to identify strengths and weaknesses

<table>
<thead>
<tr>
<th>District</th>
<th>School</th>
<th>Title I Schools</th>
<th>Grades</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appling County - 601</td>
<td>All Schools - ALL</td>
<td>No</td>
<td>PK, KK 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12</td>
</tr>
</tbody>
</table>

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
Achievement
Content Mastery Indicators
High School

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.

Participation Rate = \frac{\text{Test Participant}}{\text{Test Enrollment}}

Participation Rate = \frac{497}{500} = 0.994 = 99.4%
Achievement
Content Mastery Indicators
High School

Using a Data Details download file

• Identify students not passing the subject assessment
• Review Lexile data
1. Percent of students scoring at proficient or higher on the Georgia Milestones **ELA** (required participation rate ≥ 95%)

2. Percent of students scoring at proficient or higher on the Georgia Milestones **mathematics** (required participation rate ≥ 95%)

3. Percent of students scoring at proficient or higher on the Georgia Milestones **science** (required participation rate ≥ 95%)

4. Percent of students scoring at proficient or higher on the Georgia Milestones **social studies** (required participation rate ≥ 95%)
Achievement Content Mastery
Elementary/Middle School

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
Achievement
Content Mastery Indicators
Elementary/Middle School

• Full Academic Year (FAY) Identification

• Meets & Exceeds Rate (EOG performance levels TBD)

• Participation Rate
Achievement
Content Mastery Indicators
Elementary/Middle School

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](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.

<table>
<thead>
<tr>
<th>Total Days Enrolled</th>
<th>Total FAY Days</th>
<th>FAY Enroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>270</td>
<td>176</td>
<td>Y</td>
</tr>
<tr>
<td>95</td>
<td>176</td>
<td>N</td>
</tr>
</tbody>
</table>
Achievement
Content Mastery Indicators
Elementary/Middle School

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.

\[
\text{Meets & Exceeds Rate} = \frac{\text{Performance Code of ADV & PRO}}{\text{FAY Participant}}
\]

\[
\text{Meets & Exceeds Rate} = \frac{491}{533} = 0.921200 = 92.1\%
\]
Achievement Content Mastery
Elementary/Middle School

Using the data to identify strengths and weaknesses
Achievement
Content Mastery Indicators
Elementary/Middle School

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.

\[
\text{Participation Rate} = \frac{\text{Test Participant}}{\text{Test Enrollment}} = \frac{566}{570} = 0.992982 = 99.2\%
\]
Achievement
Content Mastery
Elementary/Middle School

Using a Data Details download file

- Identify students not passing the subject assessment
- Review Lexile data
QUESTIONS & ANSWERS
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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