


MEMORANDUM

June 7, 2013

TO: The Honorable Chair and Members of The School Board of Miami-Dade County, Florida

FROM: Alberto M. Carvalho, Superintendent of Schools 

SUBJECT: STATE RELEASE OF RESULTS FOR THE SPRING 2013 FLORIDA END-OF-COURSE (EOC) ASSESSMENTS

Today the Florida Department of Education (FLDOE) released school, District, and State level summary results from the Spring 2013 administration of the Florida Algebra 1, Biology 1, Geometry, and United States (US) History End-of-Course (EOC) assessments. The student-level results for each subject were released as they became available. The EOC assessments measure student achievement of the Next Generation Sunshine State Standards (NGSSS) as outlined in the course descriptions.

Florida is transitioning from traditional comprehensive assessments at the high school level (i.e., the Florida Comprehensive Assessment Test), to EOC assessments that specifically target content in high school courses. The first EOC in this series was administered in the 2010-2011 school year to students enrolled in an Algebra 1 course; followed by Biology 1 and Geometry in the 2011-2012 school year; and US History in 2012-2013.

All students enrolled in one of the targeted courses, or an equivalent, must participate in the EOC administration, regardless of the students' grade level. As such, accelerated middle school students participate, as well as senior high students. The State's EOC assessments are delivered via a computer-based testing (CBT) platform, except to students with allowable accommodations documented on an Individual Education Plan (IEP) or Section 504 Plan.

Students who entered Grade 9 in the 2011-2012 school year (i.e. 2011-2012 cohort) and beyond are required to earn a passing score on the Algebra 1 EOC for high school graduation. All EOC results must be included as 30 percent of the final course grade beginning in 2013-14 for high school students.

Algebra 1, Biology 1, and Geometry results are presented in terms of scaled scores which can range from 325 to 475 and Achievement Levels which range from 1 (low) to 5 (high). Level 3 or higher is "passing" for EOC assessments.

Students scores on the US History EOC assessment are reported as T-Scores (which can range from 20 – 80) in this first year of administration, with an additional indicator indicating whether the student scored in the low, middle, or high third in comparison to all students participating statewide.

In Miami-Dade County Public Schools (M-DCPS), District and State results are provided as an attachment, including the following highlights:

- M-DCPS students' performance on the Algebra 1 EOC assessment improved significantly from 2012 to 2013.
 - Overall, the percent of M-DCPS students passing the Algebra 1 EOC assessment, as required for high school graduation, increased from 56% to 66%.
- Higher percentages of M-DCPS students passed the Algebra 1 EOC assessment than their counterparts statewide.
- In the first year of administration with established Achievement Levels, over 60% of M-DCPS students passed the Biology 1 and Geometry EOC assessments.

Complete District, State, and school summary reports will also be made available on the FLDOE website at <http://fcat.fldoe.org/mediapacket/2013/default.asp>. Principals can access school lists of students' results on the test contractor's secure website at www.pearsonaccess.com/fl. In addition, information on the scoring process is provided in *Understanding Florida End-of-Course Assessment Scores* on the FLDOE website. School shipments of individual student reports for the EOC assessments will be forwarded to schools as soon as they are received.

If you have any questions about the attached results, please contact Ms. Milagros R. Fornell, Chief Academic Officer, Office of Academics and Transformation, at 305 995-1451, or Ms. Gisela Feild, Administrative Director, Assessment, Research, and Data Analysis, at 305 995-7512.

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Attachments

cc: School Board Attorney
Superintendent's Cabinet
Superintendent's Senior Staff
Ms. Gisela Feild

Summary of District and State Results for the Spring 2013 Florida End-of-Course (EOC) Assessments

On June 7, 2013 the Florida Department of Education (FLDOE) released school, District, and State summary data from the Spring 2013 administration of Florida's Algebra 1, Biology 1, Geometry and United States (US) History End-of-Course assessments. The tables that follow provide a summary of the data for students in Grades 7 through 12 who participated in these assessments.

The Florida Department of Education (FLDOE) is transitioning from comprehensive assessments in mathematics and science (i.e., Florida Comprehensive Assessment Test) to End-of-Course (EOC) assessments for certain high school courses. The first course to transition to End-of-Course testing in Florida was Algebra I, administered for the first time in 2010-11, followed by Geometry and Biology 1 last year. This spring marks the first administration of US History. The EOC assessments measure student achievement of the Next Generation Sunshine State Standards (NGSSS), as outlined in the associated course descriptions. EOC assessments are delivered via a computer-based testing (CBT) platform for all students. Paper-based tests (regular and Braille) are provided for eligible students with disabilities that require such accommodations as documented on a current Individual Education Plan (IEP) or Section 504 Plan. In addition, Large Print on paper is available for eligible students as documented on a current IEP or Section 504 Plan as a Unique Accommodation Request that requires FLDOE approval with proper supporting documentation.

Please note that the EOC assessments are NOT census administrations for a particular grade level. Students in a specific grade only participate if they are enrolled in the applicable courses. As such, students at any grade level who are enrolled in the course may take the test, typically Grades 7 through 12. Thus, the number of students tested can vary from grade to grade, year to year, and school to school.

Test results for the Algebra 1, Biology 1, and Geometry are reported using developmental scale scores which can range from 325 to 475. In addition to the scale scores, results are also reported in terms of Achievement Levels, which can range from Level 1 (low) to Level 5 (high). Level 3 represents a "passing" score. Summaries of the 2013 results are presented in Tables 1 through 3, by grade and testing status (first time or retake, as applicable).

During this first year of administration of US History, T-Scores are reported, which can range from 20 to 80. An additional indicator is provided to indicate whether a student scored in the low (1), middle (2), or upper third (3) of all students tested statewide. A new US History EOC scale will be established this winter that will be used in subsequent years. A summary of the 2013 results in US History is provided in Table 4.

By Florida Statute (s. 1003.428, FS), students entering Grade 9 in the 2011-12 school year and moving forward, must achieve a passing score on the Algebra 1 EOC assessment (Achievement Level 3 or above, or a scale score 399 or higher) to meet graduation requirements. However, students in earlier cohorts need only have their score on the Algebra 1 EOC used to calculate 30 percent of their final course grade. All EOC results must be included as 30 percent of the final course grade beginning in 2013-14 for high school students (starting with the 2012-13 cohort for US History).

Students have multiple opportunities to retake the Algebra 1 EOC in subsequent years to achieve a passing score as required for graduation. In addition, students who fail an EOC-eligible course have the opportunity to retake the course and the test to improve their grade. Table 5 presents the Algebra 1, Biology 1, and Geometry EOC results for students participating in a retake administration. Caution must be taken in interpreting the results of retake administrations, as the reasons for participation vary widely among schools and districts. Factors impacting participation rates include: passing rates in previous administrations, credit accrual requirements for various cohorts, and trends/policies regarding enrollment into courses by grade level.

Table 1
Algebra 1 End-of-Course Assessment: District and State, 2013
Mean Scale Score and Percentages of First-Time Test Takers
Scoring at Each Achievement Level, by Grade

| | Number Tested | Mean Scale Score | Percentages at Each Achievement Level | | | | | Levels 3-5 | | Difference 2012 to 2013 |
|-----------------|---------------|------------------|---------------------------------------|----|----|----|----|------------|------|-------------------------|
| | | | 1 | 2 | 3 | 4 | 5 | 2012 | 2013 | |
| District | | | | | | | | | | |
| Grade 7 | 2,476 | 431 | 1 | 4 | 34 | 23 | 38 | 90 | 95 | +5 |
| Grade 8 | 8,078 | 423 | 1 | 10 | 42 | 22 | 25 | 89 | 89 | 0 |
| Grade 9 | 18,728 | 398 | 18 | 28 | 39 | 10 | 6 | 44 | 54 | +10 |
| Grade 10 | 380 | 380 | 38 | 32 | 24 | 3 | 2 | 21 | 30 | +9 |
| Grade 11 | 504 | 388 | 32 | 25 | 27 | 8 | 9 | 27 | 43 | +16 |
| Grade 12 | 118 | 374 | 47 | 27 | 19 | 4 | 3 | 25 | 25 | 0 |
| Total | 30,312 | 407 | 13 | 21 | 39 | 14 | 13 | 56 | 66 | +10 |
| State | | | | | | | | | | |
| Grade 7 | 15,715 | 435 | 0 | 4 | 26 | 22 | 47 | 94 | 96 | +2 |
| Grade 8 | 58,026 | 424 | 1 | 9 | 41 | 22 | 27 | 86 | 90 | +4 |
| Grade 9 | 118,693 | 396 | 18 | 30 | 39 | 9 | 4 | 48 | 52 | +4 |
| Grade 10 | 11,444 | 382 | 34 | 37 | 24 | 3 | 2 | 25 | 29 | +4 |
| Grade 11 | 2,353 | 386 | 34 | 29 | 24 | 6 | 7 | 28 | 37 | +9 |
| Grade 12 | 760 | 385 | 32 | 31 | 27 | 6 | 4 | 33 | 37 | +4 |
| Total | 207,147 | 406 | 13 | 22 | 37 | 13 | 14 | 59 | 64 | +5 |

Note: The totals include a small number of students in Grades 6 and Adult. Results include all students testing for the first time, including students with disabilities and English language learners.

Table 2
Biology 1 End-of-Course Assessment: District and State, 2013
Mean Scale Score and Percentages of First-Time Test Takers
Scoring at Each Achievement Level, by Grade

| | Number Tested | Mean Scale Score | Percentages at Each Achievement Level | | | | | Levels 3-5 |
|-----------------|---------------|------------------|---------------------------------------|----|----|----|----|------------|
| | | | 1 | 2 | 3 | 4 | 5 | |
| District | | | | | | | | |
| Grade 8 | 1,361 | 424 | 1 | 5 | 35 | 23 | 36 | 94 |
| Grade 9 | 7,228 | 416 | 3 | 11 | 41 | 20 | 26 | 86 |
| Grade 10 | 16,291 | 393 | 17 | 32 | 37 | 8 | 6 | 51 |
| Grade 11 | 366 | 391 | 24 | 30 | 26 | 7 | 13 | 46 |
| Grade 12 | 376 | 382 | 31 | 36 | 23 | 4 | 5 | 32 |
| Total | 25,665 | 401 | 13 | 25 | 38 | 12 | 13 | 63 |
| State | | | | | | | | |
| Grade 8 | 2,371 | 427 | 1 | 6 | 28 | 20 | 44 | 93 |
| Grade 9 | 82,924 | 413 | 5 | 15 | 39 | 17 | 24 | 80 |
| Grade 10 | 90,001 | 396 | 14 | 31 | 39 | 9 | 8 | 55 |
| Grade 11 | 4,383 | 389 | 21 | 35 | 32 | 7 | 6 | 44 |
| Grade 12 | 1,742 | 385 | 26 | 36 | 28 | 5 | 5 | 38 |
| Total | 181,498 | 404 | 10 | 23 | 38 | 13 | 16 | 67 |

Note: The totals include a small number of students in Grades 7 and Adult. Results include all students testing for the first time, including students with disabilities and English language learners.

Table 3
Geometry End-of-Course Assessment: District and State, 2013
Mean Scale Score and Percentages of First-Time Test Takers
Scoring at Each Achievement Level, by Grade

| | Number Tested | Mean Scale Score | Percentages at Each Achievement Level | | | | | Levels 3-5 |
|-----------------|---------------|------------------|---------------------------------------|----|----|----|----|------------|
| | | | 1 | 2 | 3 | 4 | 5 | |
| District | | | | | | | | |
| Grade 8 | 1,883 | 432 | 0 | 3 | 19 | 31 | 48 | 97 |
| Grade 9 | 5,162 | 419 | 3 | 9 | 29 | 34 | 24 | 88 |
| Grade 10 | 17,918 | 392 | 18 | 32 | 31 | 14 | 5 | 50 |
| Grade 11 | 401 | 376 | 38 | 36 | 17 | 6 | 3 | 26 |
| Grade 12 | 259 | 371 | 46 | 35 | 16 | 3 | 0 | 19 |
| Total | 25,655 | 400 | 14 | 26 | 30 | 19 | 12 | 60 |
| State | | | | | | | | |
| Grade 8 | 11,909 | 436 | 0 | 2 | 13 | 27 | 57 | 97 |
| Grade 9 | 46,984 | 419 | 2 | 10 | 29 | 33 | 25 | 88 |
| Grade 10 | 96,036 | 395 | 14 | 33 | 34 | 14 | 5 | 53 |
| Grade 11 | 14,316 | 382 | 26 | 43 | 23 | 6 | 2 | 31 |
| Grade 12 | 2,308 | 380 | 31 | 40 | 23 | 5 | 1 | 30 |
| Total | 171,677 | 403 | 11 | 26 | 30 | 19 | 14 | 64 |

Note: The totals include a small number of students in Grades 6, 7 and Adult. Results include all students testing for the first time, including students with disabilities and English language learners.

Table 4
United States (US) History End-of-Course Assessment: District and State, 2013
Number Tested, Mean T-Score, and Percent by Thirds, by Grade

| | Number Tested | Mean T-Score | Statewide Comparison by Thirds | | |
|-----------------|---------------|--------------|--------------------------------|------------|----------|
| | | | Low (1) | Middle (2) | High (3) |
| District | | | | | |
| Grade 9 | 38 | 38 | 74 | 13 | 13 |
| Grade 10 | 605 | 43 | 58 | 24 | 19 |
| Grade 11 | 18,086 | 46 | 45 | 29 | 25 |
| Grade 12 | 566 | 44 | 57 | 23 | 21 |
| Total | 19,353 | 46 | 46 | 29 | 25 |
| State | | | | | |
| Grade 9 | 1,217 | 49 | 37 | 23 | 39 |
| Grade 10 | 13,529 | 50 | 31 | 30 | 38 |
| Grade 11 | 112,736 | 50 | 33 | 32 | 35 |
| Grade 12 | 5,594 | 47 | 42 | 27 | 30 |
| Total | 133,239 | 49 | 33 | 32 | 35 |

Table 5
Algebra 1, Biology 1, and Geometry End-of-Course Retakes
District and State: 2013
Number Tested and Percent Passing

| | Number Tested | Percent Passing |
|------------------|---------------|-----------------|
| Algebra 1 | | |
| District | 5,673 | 15 |
| State | 35,868 | 22 |
| Biology 1 | | |
| District | 352 | 29 |
| State | 3,179 | 32 |
| Geometry | | |
| District | 453 | 25 |
| State | 3,212 | 31 |