



MEMORANDUM

June 6, 2011

TO: School Board Members

FROM: Judith Klinek
Chief Academic Officer

THROUGH: William F. Malone
Superintendent

SUBJECT: RESULTS OF FY2011 FCAT/FCAT 2.0 READING, MATHEMATICS, AND SCIENCE: ALL STUDENTS TESTED

The Florida Department of Education (FDOE) has released the FY2011 results for the Florida Comprehensive Assessment Test (FCAT/FCAT 2.0) in Reading, Mathematics, and Science for all students tested.¹ In April of 2011, approximately 108,000 School District of Palm Beach County (SDPBC) students took FCAT/FCAT 2.0 Reading and/or Mathematics, and approximately 37,000 students took FCAT Science.

This year, the State administered FCAT 2.0 Grades 3-10 Reading and Grades 3-8 Mathematics, FCAT Grade 10 Mathematics and FCAT Grades 5, 8, and 11 Science.² FCAT 2.0 Reading and Mathematics measure the new and more rigorous Next Generation Sunshine State Standards (NGSSS). In order to maintain consistency from the previous FCAT to the FCAT 2.0, the FDOE has set the percentages of students in each FCAT 2.0 level in FY2011 to be similar to those in FY2010. As a result, State percentages should not be compared from FY2010 to FY2011; however, District and school percentages can change from the previous year, and can be compared to the State.³

- Overall, from FY2010 to FY2011, relative to the State, District performance in Reading, Mathematics, and Science remained about the same at most tested grades. In FY2011, the District continued to outperform the State in most tested secondary grades.
- From FY2010 to FY2011, relative to the State, the percent of District students scoring proficient and higher on FCAT/FCAT 2.0
 - Improved in Reading at grade 3 and declined at grades 4 and 10
 - Improved in Mathematics at grade 8 and declined at grades 3 and 7

¹ This data is based on all students tested, and not on the group of students used in the calculation of school grades and AYP. The State has not provided disaggregated data by race/ethnicity at this time.

² Ninth graders did not take FCAT 2.0 Mathematics due to the introduction of the State Algebra I End of Course (EOC) exam. The State has not released EOC results at this time.

³ Student results for the FY2011 FCAT 2.0 are being reported on the existing FCAT scale as FCAT Equivalent Scores. The scores are being reported in this way to maintain consistent student expectations during the transition from the FCAT to the FCAT 2.0.

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- From FY2010 to FY2011, the percent of District students scoring proficient and higher on FCAT Science
 - Improved at grades 5 and 8 by four percentage points, and the improvement at grade 5 was greater than that of the State

- In FY2011, the District continued to outperform the State in most tested secondary grades
 - Reading: grades 7 through 10
 - Mathematics: grades 6, 7, 8 and 10
 - Science: grades 5, 8 and 11

The attached Tables 1 through 6 report the percent of proficient students and the percent of lowest-performing (Level 1) students in Reading, Mathematics, and Science for the SDPBC and the State. Results for individual SDPBC schools are available on the Department of Research and Evaluation website at: <http://www.palmbeachschools.org/dre/FCAT.asp>

These results will be shared with appropriate staff to provide direction for improvement in curriculum and instruction. In addition, schools have received reports regarding their FCAT/FCAT 2.0 test takers and will use this information in the school improvement planning process.

Should you have questions about the FCAT/FCAT 2.0 results, please contact Mark Howard, Director of Research and Evaluation, at 432-6376. If you have questions about instruction and the FCAT, please contact Constance Tuman-Rugg, Assistant Superintendent, Division of Curriculum, at 357-1113. If you have questions about individual school efforts and the FCAT/FCAT 2.0, please contact the appropriate area superintendent or school principal.

WFM/JK/MB/MH

Attachments

- c: Academic and Operating Chiefs
Area/Assistant Superintendents
Academic Directors
Principals

Table 1: FCAT (2007-2010) and FCAT 2.0 (2011) Reading: Percent of Students Proficient and Above

| Year | Grade 3 | | Grade 4 | | Grade 5 | | Grade 6 | | Grade 7 | | Grade 8 | | Grade 9 | | Grade 10 | |
|--------|-----------------|-----------------|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|----------|----|
| | PB ⁴ | FL ⁵ | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL |
| FY2007 | 69 | 69 | 68 | 68 | 72 | 72 | 62 | 62 | 64 | 63 | 48 | 49 | 44 | 41 | 35 | 34 |
| FY2008 | 71 | 72 | 69 | 70 | 67 | 67 | 64 | 63 | 64 | 65 | 55 | 53 | 48 | 46 | 39 | 38 |
| FY2009 | 69 | 71 | 74 | 74 | 72 | 71 | 69 | 66 | 67 | 67 | 55 | 54 | 48 | 47 | 40 | 37 |
| FY2010 | 68 | 72 | 72 | 72 | 70 | 69 | 68 | 67 | 71 | 68 | 58 | 55 | 51 | 48 | 45 | 39 |
| FY2011 | 70 | 72 | 70 | 71 | 70 | 69 | 68 | 67 | 70 | 68 | 58 | 55 | 50 | 48 | 43 | 39 |

Table 2: FCAT (2007-2010) and FCAT 2.0 (2011) Reading: Percent of Students at Level 1

| Year | Grade 3 | | Grade 4 | | Grade 5 | | Grade 6 | | Grade 7 | | Grade 8 | | Grade 9 | | Grade 10 | |
|--------|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|----------|----|
| | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL |
| FY2007 | 19 | 19 | 17 | 18 | 13 | 14 | 19 | 19 | 17 | 17 | 23 | 22 | 27 | 28 | 38 | 39 |
| FY2008 | 17 | 16 | 18 | 17 | 16 | 17 | 18 | 18 | 18 | 17 | 18 | 18 | 24 | 25 | 34 | 35 |
| FY2009 | 18 | 17 | 13 | 13 | 13 | 14 | 15 | 16 | 15 | 15 | 17 | 18 | 22 | 22 | 32 | 34 |
| FY2010 | 19 | 16 | 15 | 16 | 15 | 15 | 17 | 17 | 13 | 14 | 17 | 17 | 21 | 21 | 29 | 32 |
| FY2011 | 18 | 16 | 17 | 15 | 15 | 16 | 16 | 17 | 14 | 14 | 15 | 17 | 21 | 22 | 29 | 32 |

Table 3: FCAT (2007-2010) and FCAT 2.0 (2011)* Mathematics: Percent of Proficient Students

| Year | Grade 3 | | Grade 4 | | Grade 5 | | Grade 6 | | Grade 7 | | Grade 8 | | Grade 9 | | Grade 10 | |
|--------|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|----------|----|
| | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL |
| FY2007 | 76 | 74 | 72 | 69 | 61 | 59 | 52 | 50 | 63 | 59 | 66 | 63 | 64 | 60 | 68 | 65 |
| FY2008 | 76 | 76 | 74 | 71 | 65 | 61 | 56 | 53 | 63 | 61 | 71 | 67 | 69 | 65 | 70 | 69 |
| FY2009 | 79 | 78 | 77 | 75 | 65 | 62 | 61 | 55 | 65 | 60 | 70 | 66 | 72 | 68 | 72 | 69 |
| FY2010 | 79 | 78 | 75 | 74 | 65 | 63 | 63 | 57 | 70 | 61 | 73 | 68 | 71 | 67 | 77 | 73 |
| FY2011 | 75 | 78 | 75 | 74 | 64 | 63 | 63 | 57 | 68 | 62 | 77 | 68 | ** | ** | 74 | 71 |

* Grade 10 results are based on FCAT Mathematics

** Ninth graders did not take the FCAT 2.0 Mathematics test due to the introduction of the State Algebra I End of Course (EOC) exams.

Table 4: FCAT (2007-2010) and FCAT 2.0 (2011)* Mathematics: Percent of Students at Level 1

| Year | Grade 3 | | Grade 4 | | Grade 5 | | Grade 6 | | Grade 7 | | Grade 8 | | Grade 9 | | Grade 10 | |
|--------|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|----------|----|
| | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL | PB | FL |
| FY2007 | 11 | 12 | 11 | 13 | 13 | 15 | 26 | 28 | 18 | 20 | 16 | 18 | 15 | 17 | 12 | 14 |
| FY2008 | 10 | 10 | 11 | 12 | 13 | 15 | 24 | 26 | 17 | 18 | 13 | 14 | 13 | 15 | 12 | 12 |
| FY2009 | 9 | 10 | 9 | 10 | 13 | 14 | 20 | 24 | 17 | 20 | 12 | 14 | 10 | 12 | 11 | 12 |
| FY2010 | 8 | 9 | 9 | 10 | 13 | 14 | 19 | 23 | 14 | 19 | 10 | 12 | 11 | 13 | 8 | 10 |
| FY2011 | 11 | 9 | 9 | 10 | 14 | 14 | 19 | 23 | 16 | 19 | 8 | 12 | ** | ** | 10 | 11 |

* Grade 10 results are based on FCAT Mathematics

** Ninth graders did not take the FCAT 2.0 Mathematics test due to the introduction of the State Algebra I End of Course (EOC) exams.

⁴ PB = SDPBC

⁵ FL = State of Florida

Table 5: FCAT Science: Percent of Proficient Students

| Year | Grade 5 | | Grade 8 | | Grade 11 | |
|--------|-----------------|-----------------|---------|----|----------|----|
| | PB ⁶ | FL ⁷ | PB | FL | PB | FL |
| FY2007 | 49 | 42 | 41 | 38 | 42 | 37 |
| FY2008 | 50 | 43 | 43 | 40 | 42 | 38 |
| FY2009 | 53 | 46 | 46 | 41 | 41 | 37 |
| FY2010 | 54 | 49 | 50 | 43 | 46 | 38 |
| FY2011 | 58 | 51 | 54 | 46 | 47 | 40 |

Table 6: FCAT Science: Percent of Students at Level 1

| Year | Grade 5 | | Grade 8 | | Grade 11 | |
|--------|---------|----|---------|----|----------|----|
| | PB | FL | PB | FL | PB | FL |
| FY2007 | 21 | 25 | 30 | 31 | 27 | 30 |
| FY2008 | 19 | 23 | 25 | 27 | 26 | 29 |
| FY2009 | 18 | 21 | 26 | 27 | 30 | 31 |
| FY2010 | 17 | 19 | 21 | 25 | 25 | 28 |
| FY2011 | 15 | 19 | 19 | 23 | 26 | 28 |

⁶ PB = SDBPC
⁷ FL = State of Florida