

# MEMORANDUM

June 29, 2010

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

**FROM:** Alberto M. Carvalho, Superintendent of Schools *AMC*

**SUBJECT: STATE RELEASE OF RESULTS FOR THE SPRING 2010 FLORIDA COMPREHENSIVE ASSESSMENT TEST (FCAT) READING, MATHEMATICS, SCIENCE, AND WRITING ASSESSMENTS**

After a considerable delay, the Florida Department of Education (FLDOE) released results today from the Spring 2010 administration of the Florida Comprehensive Assessment Test (FCAT) Reading, Mathematics, Science, and Writing assessments. Specifically, District and School summary reports were provided for students in Grades 4 through 10 in reading and mathematics, for students in Grades 5, 8, and 11 in science, and for students in Grades 4, 8, and 10 in writing. Although the FCAT scores in reading and mathematics for students in Grade 3 were released previously to facilitate promotion decisions, they are included in this memorandum to provide a comprehensive summary of District results. It should be noted that the summary scores include **all students tested and do not represent the groupings that will be used by the State for accountability purposes.**

Overall, more than 230,000 in the Miami-Dade County Public Schools (M-DCPS) participated in the Spring 2010 FCAT administration. Highlights of the M-DCPS students' results and summary tables providing comparisons of State and District results by grade level are provided as attachments to this memorandum; including:

- In the M-DCPS, growth shown on FCAT Reading, Mathematics, and Writing exceeded that of the State at nearly every grade level.
  - Increases in the percentage of students' scoring high in the District from 2009 to 2010 in Reading and Mathematics met or exceeded those across the state in all but Grade 9.
  - Higher percentages of our 4<sup>th</sup> and 10<sup>th</sup> graders scored in the upper range on FCAT Writing (4.0 or above) than their counterparts statewide.
- Notably higher percentages of our Grade 10 students passed the FCAT Reading and Mathematics graduation tests in 2010 on their first attempt, with increases more than twice that shown Statewide.

Complete District, State, and school summary reports will be posted as they become available on the Florida Department of Education (FLDOE) website at <http://fcat.fldoe.org>. In addition, an interactive database will be available at <http://fcat.fldoe.org/results/default.asp> and FCAT results website (spreadsheets) will be available at <http://fcat.fldoe.org/mediapacket/2010/default.asp>.

Additional reports of District and school trends, as well as disaggregated reports by curriculum group and demographic characteristics, will be transmitted to the Board and posted online as they become available. School shipments of Individual Student Reports will be forwarded to schools for distribution to parents.

Should you have any questions about the attached results, please contact Ms. Deborah Karcher, Chief Information Officer, Information Technology Services, at 305-995-3751, 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 Senior Staff

**Highlights of the Florida Department of Education's  
Spring 2010 Summary Report for Miami-Dade County  
Florida Comprehensive Assessment Test (FCAT)  
Reading, Mathematics, and Science and Writing  
Grades 3 through 11**

**OVERALL**

- In the M-DCPS, growth shown on FCAT Reading, Mathematics, and Writing exceeded that of the State at nearly every grade level.
  - Increases in the percentage of students' scoring high in the District from 2009 to 2010 in Reading and Mathematics met or exceeded those across the state in all but Grade 9.
  - Higher percentages of our 4<sup>th</sup> and 10<sup>th</sup> graders scored in the upper range on FCAT Writing (4.0 or above) than their counterparts statewide.
- Notably higher percentages of our Grade 10 students passed the FCAT Reading and Mathematics graduation tests in 2010 on their first attempt, with increases more than twice that shown Statewide.

**READING**

- District students' mean FCAT Reading Scale Scores and Developmental Scale Scores increased at nearly every grade level from 2009 to 2010: Grades 3, 4, 6, 7, 8, and 10.
- The percentages of the District's students scoring high in Reading (Levels 3 or above) increased in the majority of the grades tested: Grades 3, 6, 7, 8, and 10.
  - M-DCPS outpaced the State with regard to changes in the percentages scoring high in Reading from 2009 to 2010 in all but Grade 9.
  - The percentage of District students scoring in the lowest level in Reading (Level 1) continues to decrease districtwide, with the only increase shown for students in Grade 5 at both the State and District levels.
- The increase in the percentage of M-DCPS Grade 10 students meeting the reading graduation test requirements on their first attempt was more than double that of the State, with an increase of 7 points for District students and 3 points for their counterparts statewide.

**MATHEMATICS**

- District students' mean FCAT Mathematics Scale Scores and Developmental Scale Scores increased at all but one grade level (Grade 9) from 2009 to 2010.
- The percentages of the District's students scoring high (Levels 3 or above) increased at nearly every grade level from 2009 to 2010: Grades 3, 5, 6, 7, 8, and 10.
  - M-DCPS met or exceeded the State with regard to changes in the percentages scoring in Levels 3 or above in Mathematics from 2009 to 2010 in all but one grade (Grade 9).
- M-DCPS Grade 10 students outpaced the State in the percentage of students meeting the mathematics graduation test requirements on their first attempt.
  - M-DCPS: 85% passing rate, with an increase of 7 points from 2009 to 2010.
  - Florida: 84% with an increase of 3 points from 2009 to 2010.

## SCIENCE

- District students' mean FCAT Science scores increased at each grade level tested: Grades 5, 8, and 11.
- The percentages of the District's students scoring high (Levels 3 or above) increased in Grades 5 and 11, and remained stable in Grade 8.

## WRITING

- Scores of Grade 10 students increased markedly from 2009 to 2010.
  - The increases for District Grade 10 students in Writing outpaced those of the State both in terms of gains in the mean essay scores and in terms of the percentage of students scoring in the upper range(4.0 or above).
  - The percentage of District Grade 10 students scoring in the upper range on the FCAT Writing prompt (4.0 or above) increased 15 points, from 58% in 2009 to 73% in 2010.
  - The percentage of District Grade 10 students scoring 3.0 or above also increased from 89% to 94%.
  - These results are particularly notable since only a persuasive prompt was administered to Grade 10 students in 2010, rather than two types of prompts as in past years; and persuasive writing is typically considered to be the most difficult mode of response.
- Higher percentages of District Grade 4 students scored in the upper range on the FCAT Writing prompt (4.0 or above) than their counterparts across the state: M-DCPS 73%, State 68%.
  - Scores of the District's students in Grade 4 remained relatively stable on the FCAT Writing prompt, with a 1 point increase in the percentage scoring 4.0 or above, from 72% in 2009 to 73% in 2010; the percentage scoring 3.0 or above remained at 94%.
- In Grade 8 the percentage scoring 3.0 or above in Writing remained at 95%, while the percentage scoring 4.0 or above declined, from 79% in 2009 to 74% in 2010; this paralleled the State's decline from 80% to 76%.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS**  
**Summary of District and State Results for the**  
**Spring 2010 Florida Comprehensive Assessment Test (FCAT)**  
**Reading, Mathematics, and Science and Writing**  
**Grades 3 through 11**

On June 29, 2010, the Florida Department of Education (FLDOE) released data from the Spring 2010 administration of the Florida Comprehensive Assessment Test (FCAT) Sunshine State Standards Reading, Mathematics, Science, and Writing assessments. The tables that follow provide summaries of the data for students in Grades 3 through 10 in reading and mathematics, for students in Grades 5, 8, and 11 in science, and for students in Grades 4, 8, and 10 in writing.

The FCAT Reading, Mathematics, and Science assessments are criterion-referenced tests, which measures students' mastery of grade level content as specified by the Sunshine State Standards. Results are reported in terms of achievement levels which can range from Level 1 (low) to Level 5 (high); Scale Scores, which can range from 100 – 500 at each grade level; and Developmental Scale Scores, which represent a continuous scale across all grade levels and can range from 0 to 3000.

The format of FCAT Writing changed in 2009, returning to an essay only format after the inclusion of multiple choice items in 2006 through 2008. As such, reported scores for this year's FCAT Writing include only a traditional "rubric" score for the essay portion. These scores can range from 1 low to 6 high.

Two other changes were also made to the FCAT Writing program beginning with the Spring 2010 administration due to budget limitations at the state level. First, only one prompt was used at all grade levels: either narrative or expository at grade 4, and either persuasive or expository at grades 8 and 10. In addition, each writing essay had only one reader rather than two during performance scoring. As such, students will only receive whole number scores (i.e., 1, 2, 3, 4, 5, 6); no longer will intermediate scores be assigned (ex. 3.5, 4.5).

The school grade calculation will be affected by this change. The average of the percentage of students scoring 3 and above and the percentage scoring 4 and above will be used in the writing portion of school grade calculation in place of the percentage of students scoring 3.5 and above.

Note that the summary results presented are based on all students tested, including students with disabilities (SWD) and English Language Learners (ELL), and do not represent the groupings that will be used by the State for accountability purposes.

### **Section I: READING, MATHEMATICS, AND SCIENCE RESULTS**

Spring 2010 FCAT results are based on the following numbers of students tested in the M-DCPS: Reading, 207,880 in Grades 3 through 10; Mathematics, 207,751 in Grades 3 through 10; and Science, 75,877 in Grades 5, 8, and 11. The following tables provide a view of student performance across three years: 2008, 2009, and 2010. Detailed results showing the percentage of students scoring in Levels 1, 2, and 3-5 for the District and State by grade level are provided for reading, mathematics, and science in Tables 1, 2, and 3 respectively.

Also presented is a summary of student performance in terms of the more precise Scale Scores (SS) that underlie the performance levels of the FCAT Reading, Mathematics, and Science assessments. In addition, Developmental Scale Scores (DSS) in reading and mathematics represent a continuous scale across grade levels that may be used to track growth in achievement as students' progress from Grade 3 through Grade 10. District mean SS and DSS are presented in Tables 4 and 5 for reading and mathematics, and mean SS only in Table 6 for science. Tables 4 and 5 are accompanied by graphic representations of the mean DSS in Reading and Mathematics for 2008, 2009, and 2010.

## **Section II: GRADE 10 FCAT GRADUATION TEST PASSING RATES**

High school students must pass FCAT Reading and Mathematics tests to meet Florida's testing requirement for a standard diploma. Students have multiple opportunities to do so prior to graduation. The first FCAT administration that can be used to satisfy the graduation requirement takes place in the spring of tenth grade, as part of the standard FCAT Reading, Mathematics, and Science assessment program. In Spring 2010, 22,326 Grade 10 students took the FCAT Reading test and 22,273 took the FCAT Mathematics test. These are duplicated counts, as the majority of the students took both tests.

FCAT scale scores can range from 100 to 500, and students must attain passing scores of 300 on both the Reading and the Mathematics tests to graduate with a standard diploma. The passing rate information provided below is for first-time test takers and does not include retained Grade 10 students who took the FCAT Retake format of the test. Table 7 provides the percentages of the Grade 10 students who met graduation requirements in reading and/or mathematics on their first attempt.

## **Section III: WRITING RESULTS**

Spring 2010 FCAT Writing results are based on a total of 75,385 students tested in the M-DCPS in Grades 4, 8, and 10. These figures include students from all curriculum groups and do not represent the groupings that will be used by the State for accountability purposes.

State and District Writing results are summarized in Tables 8 and 9. Specifically, displayed are summaries of students' performance for 2008, 2009, and 2010 on the essay portion, including mean essay scores and the percentages of students scoring 3.0 and above, 3.5 and above, and 4.0 and above.

**Table 1**  
**FCAT Reading**  
**District and State 2008, 2009, and 2010**  
**Percentages of Students Scoring in Achievement Levels 1, 2, and 3-5, by Grade**

| READING         | Number Tested |         |         | Level 1 |      |      | Level 2     |      |      | Levels 3-5 |             |      |      |      |             |
|-----------------|---------------|---------|---------|---------|------|------|-------------|------|------|------------|-------------|------|------|------|-------------|
|                 | 2008          | 2009    | 2010    | 2008    | 2009 | 2010 | Diff. 09-10 | 2008 | 2009 | 2010       | Diff. 09-10 | 2008 | 2009 | 2010 | Diff. 09-10 |
| <b>GRADE 3</b>  |               |         |         |         |      |      |             |      |      |            |             |      |      |      |             |
| District        | 27,722        | 27,386  | 27,217  | 21      | 22   | 20   | -2          | 13   | 13   | 12         | -1          | 67   | 65   | 68   | +3          |
| State           | 204,251       | 205,135 | 205,639 | 16      | 17   | 16   | -1          | 12   | 12   | 12         | 0           | 72   | 71   | 72   | +1          |
| <b>GRADE 4</b>  |               |         |         |         |      |      |             |      |      |            |             |      |      |      |             |
| District        | 25,495        | 26,034  | 26,057  | 20      | 17   | 17   | 0           | 14   | 14   | 13         | -1          | 65   | 70   | 70   | 0           |
| State           | 192,761       | 195,826 | 197,230 | 17      | 13   | 16   | +3          | 13   | 13   | 13         | 0           | 70   | 74   | 72   | -2          |
| <b>GRADE 5</b>  |               |         |         |         |      |      |             |      |      |            |             |      |      |      |             |
| District        | 25,974        | 25,826  | 26,398  | 20      | 17   | 18   | +1          | 17   | 15   | 16         | +1          | 63   | 67   | 66   | -1          |
| State           | 195,400       | 192,410 | 196,559 | 17      | 14   | 15   | +1          | 16   | 14   | 15         | +1          | 67   | 71   | 69   | -2          |
| <b>GRADE 6</b>  |               |         |         |         |      |      |             |      |      |            |             |      |      |      |             |
| District        | 26,043        | 26,282  | 26,291  | 23      | 21   | 21   | 0           | 20   | 19   | 17         | -2          | 57   | 60   | 62   | +2          |
| State           | 193,844       | 196,587 | 194,407 | 18      | 16   | 17   | +1          | 18   | 17   | 16         | -1          | 63   | 66   | 67   | +1          |
| <b>GRADE 7</b>  |               |         |         |         |      |      |             |      |      |            |             |      |      |      |             |
| District        | 25,896        | 26,104  | 26,684  | 21      | 19   | 18   | -1          | 19   | 20   | 18         | -2          | 60   | 61   | 64   | +3          |
| State           | 197,001       | 193,336 | 197,178 | 17      | 15   | 14   | -1          | 19   | 18   | 17         | -1          | 65   | 67   | 68   | +1          |
| <b>GRADE 8</b>  |               |         |         |         |      |      |             |      |      |            |             |      |      |      |             |
| District        | 23,012        | 25,684  | 26,360  | 22      | 22   | 21   | -1          | 30   | 30   | 27         | -3          | 49   | 48   | 51   | +3          |
| State           | 186,421       | 194,554 | 193,010 | 18      | 18   | 17   | -1          | 29   | 28   | 27         | -1          | 53   | 54   | 55   | +1          |
| <b>GRADE 9</b>  |               |         |         |         |      |      |             |      |      |            |             |      |      |      |             |
| District        | 27,626        | 24,070  | 26,547  | 34      | 26   | 25   | -1          | 29   | 31   | 32         | +1          | 38   | 43   | 42   | -1          |
| State           | 205,515       | 192,968 | 200,395 | 25      | 22   | 21   | -1          | 29   | 31   | 30         | -1          | 46   | 47   | 48   | +1          |
| <b>GRADE 10</b> |               |         |         |         |      |      |             |      |      |            |             |      |      |      |             |
| District        | 24,492        | 24,805  | 22,326  | 42      | 39   | 33   | -6          | 27   | 29   | 29         | 0           | 30   | 31   | 37   | +6          |
| State           | 185,276       | 186,464 | 179,729 | 35      | 34   | 32   | -2          | 27   | 30   | 29         | -1          | 38   | 37   | 39   | +2          |

*Note:* Achievement Levels range from Level 1 (lowest) to Level 5 (highest). Percentages may not sum to 100 percent due to rounding, and include all students tested, including students with disabilities and English language learners. Only Grade 10 students participating in the standard FCAT RMS administration are included in this summary, not those participating in the FCAT Retake.

**Table 2**  
**FCAT Mathematics**  
**District and State 2008, 2009, and 2010**  
**Percentages of Students Scoring in Achievement Levels 1, 2, and 3-5, by Grade**

| MATHEMATICS     | Number Tested |         |         | Level 1     |      |      | Level 2 |      |      | Levels 3-5 |      |      |             |    |
|-----------------|---------------|---------|---------|-------------|------|------|---------|------|------|------------|------|------|-------------|----|
|                 | 2008          | 2009    | 2010    | 2008        | 2009 | 2010 | 2008    | 2009 | 2010 | 2008       | 2009 | 2010 | Diff. 09-10 |    |
|                 |               |         |         | Diff. 09-10 |      |      |         |      |      |            |      |      |             |    |
| <b>GRADE 3</b>  |               |         |         |             |      |      |         |      |      |            |      |      |             |    |
| District        | 27,720        | 27,389  | 27,230  | 11          | 10   | 9    | -1      | 14   | 13   | 13         | 0    | 75   | 76          | +2 |
| State           | 204,180       | 205,135 | 205,720 | 10          | 10   | 9    | -1      | 13   | 13   | 13         | 0    | 76   | 78          | 0  |
| <b>GRADE 4</b>  |               |         |         |             |      |      |         |      |      |            |      |      |             |    |
| District        | 25,488        | 26,039  | 26,063  | 13          | 11   | 11   | 0       | 18   | 16   | 17         | +1   | 68   | 73          | -1 |
| State           | 192,792       | 195,844 | 197,256 | 12          | 10   | 10   | 0       | 18   | 15   | 16         | +1   | 71   | 75          | -1 |
| <b>GRADE 5</b>  |               |         |         |             |      |      |         |      |      |            |      |      |             |    |
| District        | 26,016        | 25,826  | 26,390  | 18          | 17   | 15   | -2      | 24   | 25   | 24         | -1   | 58   | 59          | +1 |
| State           | 195,418       | 192,333 | 196,648 | 15          | 14   | 14   | 0       | 24   | 24   | 23         | -1   | 61   | 62          | +1 |
| <b>GRADE 6</b>  |               |         |         |             |      |      |         |      |      |            |      |      |             |    |
| District        | 26,038        | 26,249  | 26,286  | 31          | 28   | 27   | -1      | 22   | 21   | 20         | -1   | 47   | 51          | +2 |
| State           | 193,758       | 196,408 | 194,399 | 26          | 24   | 23   | -1      | 21   | 21   | 19         | -2   | 53   | 55          | +2 |
| <b>GRADE 7</b>  |               |         |         |             |      |      |         |      |      |            |      |      |             |    |
| District        | 25,869        | 26,066  | 26,656  | 22          | 23   | 21   | -2      | 22   | 21   | 21         | 0    | 56   | 56          | +3 |
| State           | 196,797       | 193,239 | 197,130 | 18          | 20   | 19   | -1      | 21   | 20   | 20         | 0    | 61   | 60          | +1 |
| <b>GRADE 8</b>  |               |         |         |             |      |      |         |      |      |            |      |      |             |    |
| District        | 22,991        | 25,669  | 26,359  | 18          | 17   | 16   | -1      | 20   | 23   | 22         | -1   | 62   | 60          | +3 |
| State           | 186,211       | 194,297 | 192,919 | 14          | 14   | 12   | -2      | 19   | 20   | 20         | 0    | 67   | 66          | +2 |
| <b>GRADE 9</b>  |               |         |         |             |      |      |         |      |      |            |      |      |             |    |
| District        | 27,553        | 24,030  | 26,494  | 20          | 14   | 15   | +1      | 22   | 21   | 22         | +1   | 58   | 65          | -2 |
| State           | 205,001       | 192,598 | 200,111 | 15          | 12   | 13   | +1      | 20   | 20   | 20         | 0    | 65   | 68          | -1 |
| <b>GRADE 10</b> |               |         |         |             |      |      |         |      |      |            |      |      |             |    |
| District        | 24,429        | 24,700  | 22,273  | 15          | 15   | 9    | -6      | 23   | 20   | 18         | -2   | 62   | 65          | +8 |
| State           | 184,617       | 185,910 | 179,252 | 12          | 12   | 10   | +2      | 19   | 18   | 17         | -1   | 69   | 69          | +4 |

*Note.* Achievement Levels range from Level 1 (lowest) to Level 5 (highest). Percentages may not sum to 100 percent due to rounding, and include all students tested, including students with disabilities and English language learners. Only Grade 10 students participating in the standard FCAT RMS administration are included in this summary, not those participating in the FCAT Retake.



**Table 3**  
**FCAT Science**  
**District and State 2008, 2009, and 2010**  
**Percentages of Students Scoring in Achievement Levels 1, 2, and 3-5, by Grade**

| SCIENCE         | Number Tested |         |         | Level 1 |      |      | Level 2 |      |      | Levels 3-5 |      |      |             |
|-----------------|---------------|---------|---------|---------|------|------|---------|------|------|------------|------|------|-------------|
|                 | 2008          | 2009    | 2010    | 2008    | 2009 | 2010 | 2008    | 2009 | 2010 | 2008       | 2009 | 2010 | Diff. 09-10 |
| <b>GRADE 5</b>  |               |         |         |         |      |      |         |      |      |            |      |      |             |
| District        | 25,875        | 25,801  | 26,367  | 27      | 26   | 24   | 34      | 32   | 32   | 39         | 42   | 44   | +2          |
| State           | 194,991       | 191,751 | 196,011 | 23      | 21   | 19   | 33      | 32   | 32   | 43         | 46   | 49   | +3          |
| <b>GRADE 8</b>  |               |         |         |         |      |      |         |      |      |            |      |      |             |
| District        | 22,885        | 25,555  | 26,250  | 32      | 34   | 33   | 33      | 32   | 33   | 35         | 34   | 34   | 0           |
| State           | 184,828       | 193,018 | 192,138 | 27      | 27   | 25   | 33      | 32   | 32   | 40         | 41   | 43   | +2          |
| <b>GRADE 11</b> |               |         |         |         |      |      |         |      |      |            |      |      |             |
| District        | 22,079        | 21,764  | 23,260  | 38      | 40   | 36   | 33      | 31   | 33   | 29         | 29   | 30   | +1          |
| State           | 165,456       | 167,041 | 172,954 | 29      | 31   | 28   | 33      | 32   | 34   | 38         | 37   | 38   | +1          |

*Note.* Achievement Levels range from Level 1 (lowest) to Level 5 (highest). Percentages may not sum to 100 percent due to rounding, and include all students tested, including students with disabilities and English language learners.

**Table 4**  
**FCAT Reading**  
**District Results 2008, 2009, and 2010**  
**Mean Scale Scores and Developmental Scale Scores, by Grade**

| Grade / Year | Mean Scale Score (100 - 500) |      |      | Mean Developmental Scale Score (0 - 3000) |      |      |
|--------------|------------------------------|------|------|---|------|------|
|              | 2008                         | 2009 | 2010 | 2008                                      | 2009 | 2010 |
| 3            | 303                          | 302  | 307  | 1320                                      | 1313 | 1343 |
| 4            | 313                          | 317  | 320  | 1545                                      | 1566 | 1585 |
| 5            | 299                          | 305  | 304  | 1588                                      | 1624 | 1614 |
| 6            | 300                          | 304  | 306  | 1650                                      | 1668 | 1684 |
| 7            | 307                          | 309  | 315  | 1754                                      | 1769 | 1798 |
| 8            | 304                          | 305  | 306  | 1859                                      | 1864 | 1869 |
| 9            | 301                          | 311  | 310  | 1863                                      | 1915 | 1911 |
| 10           | 294                          | 298  | 306  | 1892                                      | 1914 | 1959 |

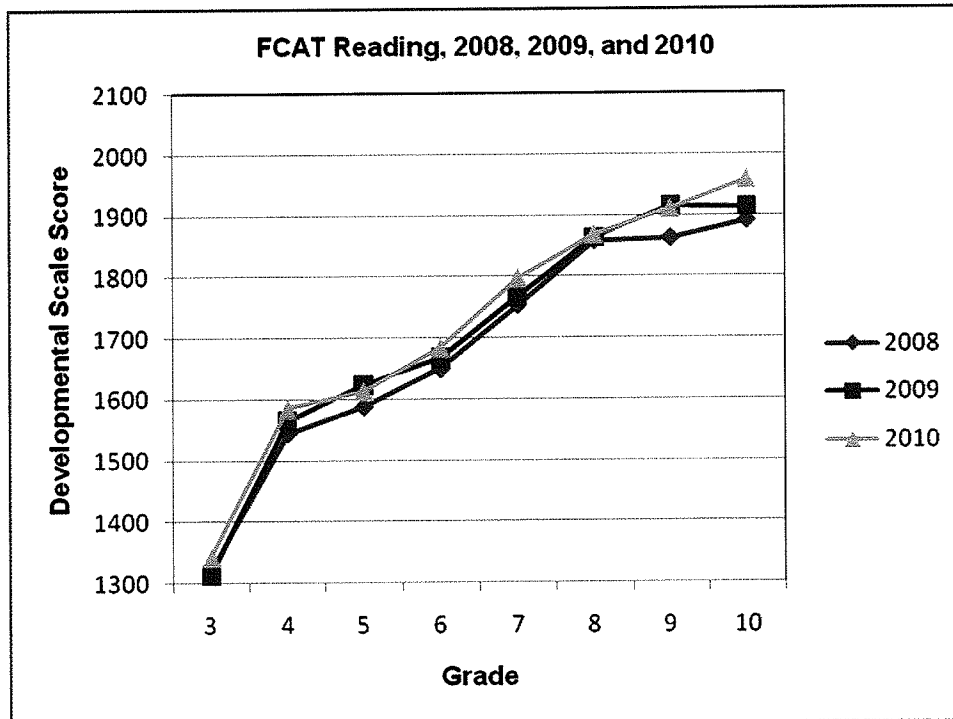


Figure 1. Mean Developmental Scale Scores on FCAT Reading for Miami-Dade County Public School students in 2008, 2009, and 2010.

**Table 5**  
**FCAT Mathematics**  
**District Results 2008, 2009, and 2010**  
**Mean Scale Scores and Developmental Scale Scores, by Grade**

| Grade / Year | Mean Scale Score (100 - 500) |      |      | Mean Developmental Scale Score (0 - 3000) |      |      |
|--------------|------------------------------|------|------|---|------|------|
|              | 2008                         | 2009 | 2010 | 2008                                      | 2009 | 2010 |
| 3            | 331                          | 335  | 338  | 1443                                      | 1460 | 1474 |
| 4            | 321                          | 327  | 328  | 1547                                      | 1575 | 1577 |
| 5            | 329                          | 331  | 332  | 1652                                      | 1660 | 1665 |
| 6            | 304                          | 310  | 312  | 1649                                      | 1674 | 1681 |
| 7            | 309                          | 307  | 310  | 1799                                      | 1794 | 1805 |
| 8            | 319                          | 316  | 318  | 1890                                      | 1877 | 1888 |
| 9            | 299                          | 308  | 306  | 1912                                      | 1944 | 1936 |
| 10           | 320                          | 322  | 330  | 1973                                      | 1980 | 2010 |

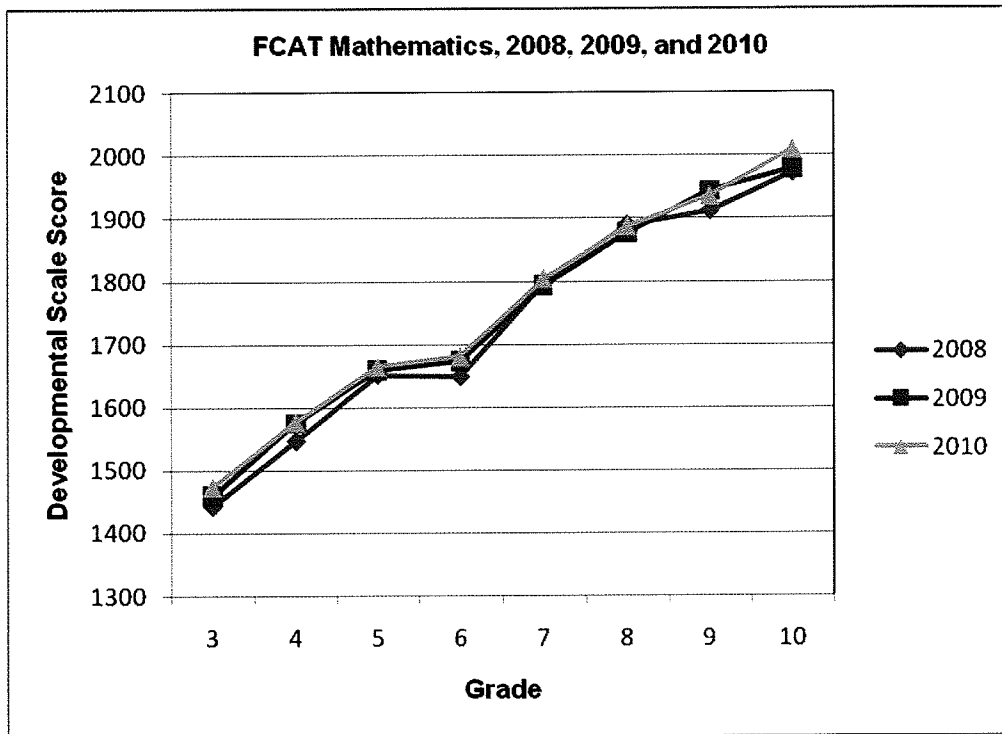


Figure 2. Mean Developmental Scale Scores on FCAT Mathematics for Miami-Dade County Public School students in 2008, 2009, and 2010.

**Table 6**  
**FCAT Science**  
**District Results 2008, 2009, and 2010**  
**Mean Scale Scores, by Grade**

| Grade / Year | Mean Scale Score (100 - 500) |      |      |
|--------------|------------------------------|------|------|
|              | 2008                         | 2009 | 2010 |
| 5            | 303                          | 306  | 310  |
| 8            | 295                          | 292  | 295  |
| 11           | 292                          | 290  | 294  |

**Table 7**  
**Grade 10 FCAT Reading and Mathematics**  
**District and State 2008, 2009, and 2010**  
**Percentages of Students Meeting Graduation Requirements on the First Attempt**

| GRADE 10           | PERCENT PASSING |      |      |                         |
|--------------------|-----------------|------|------|-------------------------|
|                    | 2008            | 2009 | 2010 | Difference<br>2009-2010 |
| <b>READING</b>     |                 |      |      |                         |
| District           | 49%             | 51%  | 58%  | +7                      |
| State              | 57%             | 57%  | 60%  | +3                      |
| <b>MATHEMATICS</b> |                 |      |      |                         |
| District           | 76%             | 78%  | 85%  | +7                      |
| State              | 81%             | 81%  | 84%  | +3                      |

**Table 8  
FCAT Writing  
State and District, 2008, 2009, and 2010  
Mean Essay Scores**

|          | STATE                              |                                    |                                    |                           | DISTRICT                           |                                    |                                    |                           |
|----------|------------------------------------|------------------------------------|------------------------------------|---------------------------|------------------------------------|------------------------------------|------------------------------------|---------------------------|
|          | 2008<br>Mean<br>Essay Score<br>(N) | 2009<br>Mean<br>Essay Score<br>(N) | 2010<br>Mean<br>Essay Score<br>(N) | Difference<br>2009 - 2010 | 2008<br>Mean<br>Essay Score<br>(N) | 2009<br>Mean<br>Essay Score<br>(N) | 2010<br>Mean<br>Essay Score<br>(N) | Difference<br>2009 - 2010 |
| Grade 4  | 3.8<br>(190,008)                   | 4.0<br>(194,444)                   | 3.8<br>(196,336)                   | -0.2                      | 3.9<br>(25,050)                    | 3.9<br>(25,947)                    | 3.8<br>(25,986)                    | -0.1                      |
| Grade 8  | 4.2<br>(184,559)                   | 4.3<br>(192,433)                   | 4.1<br>(191,908)                   | -0.2                      | 4.2<br>(22,719)                    | 4.2<br>(25,240)                    | 4.0<br>(26,241)                    | -0.2                      |
| Grade 10 | 3.9<br>(188,733)                   | 3.8<br>(189,333)                   | 3.9<br>(182,165)                   | +0.1                      | 3.8<br>(26,130)                    | 3.8<br>(26,171)                    | 4.0<br>(23,158)                    | +0.2                      |

Note: Essay scores can range from 1 to 6. Results include all students tested, including students with disabilities and English language learners.

**Table 9  
FCAT Writing  
State and District, 2008, 2009, and 2010  
Percentages of Students Scoring at or above 3.0, 3.5, and 4.0  
on the Essay Portion**

|          |      | STATE |      |      | DISTRICT |      |      |
|----------|------|-------|------|------|----------|------|------|
|          |      | 2008  | 2009 | 2010 | 2008     | 2009 | 2010 |
| Grade 4  | ≥3.0 | 91%   | 94%  | 94%  | 93%      | 94%  | 94%  |
|          | ≥3.5 | 77%   | 85%  | n/a  | 82%      | 84%  | n/a  |
|          | ≥4.0 | 63%   | 73%  | 68%  | 69%      | 72%  | 73%  |
| Grade 8  | ≥3.0 | 95%   | 96%  | 96%  | 94%      | 95%  | 95%  |
|          | ≥3.5 | 88%   | 90%  | n/a  | 88%      | 88%  | n/a  |
|          | ≥4.0 | 78%   | 80%  | 76%  | 77%      | 79%  | 74%  |
| Grade 10 | ≥3.0 | 91%   | 90%  | 94%  | 89%      | 89%  | 94%  |
|          | ≥3.5 | 78%   | 77%  | n/a  | 77%      | 76%  | n/a  |
|          | ≥4.0 | 62%   | 60%  | 72%  | 59%      | 58%  | 73%  |

Note: Results include all students tested, including students with disabilities and English language learners.