



INFORMATION CAPSULE

Research Services

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2016-2017 OVERVIEW OF M-DCPS' ACADEMIC PERFORMANCE

At a Glance

This Information Capsule answers the most frequently asked questions about M-DCPS' academic performance during the 2016-2017 school year. M-DCPS earned a District Performance Grade of "B" in 2017. The percentage of M-DCPS schools earning a School Performance Grade of "A" increased by nine percentage points from 2016 to 2017. A higher percentage of M-DCPS schools received a grade of "A" in 2017 than schools statewide and in other large Florida districts. No traditional M-DCPS school received a grade of "F." Two Miami-Dade County charter schools received an "F."

From 2016 to 2017, M-DCPS students' performance on the Florida Standards Assessments (FSA) English Language Arts (ELA) and Mathematics improved at the majority of grade levels tested. Performance on the FCAT 2.0 Science improved at one of the two grade levels tested.

Across all grade levels, the performance of M-DCPS students on the three FSA End of Course (EOC) assessments improved from 2016 to 2017. The percentage of first-time test takers scoring at the higher Achievement Levels increased on the Algebra 1, Algebra 2, and Geometry exams. Similarly, performance improved on the three Next Generation Sunshine State Standards (NGSSS) EOC assessments, with the percentage of first-time test takers scoring at the higher Achievements Levels increasing on the Biology 1, Civics, and U.S. History exams.

From 2016 to 2017, the District made some progress reducing the gap between Black and White students at selected grade levels on the following assessments: FSA ELA, FSA Mathematics, the three FSA EOC assessments, and the NGSSS Biology 1 and Civics EOC assessments. The gap between Hispanic and White students was reduced on the FSA ELA, FSA Mathematics, FCAT 2.0 Science, the three FSA EOC assessments, and the NGSSS Biology 1 EOC assessment.

M-DCPS DISTRICT PERFORMANCE GRADE

M-DCPS received a performance grade of "B" in 2017. The District has received a grade of "B" every year since the 2007-2008 school year.

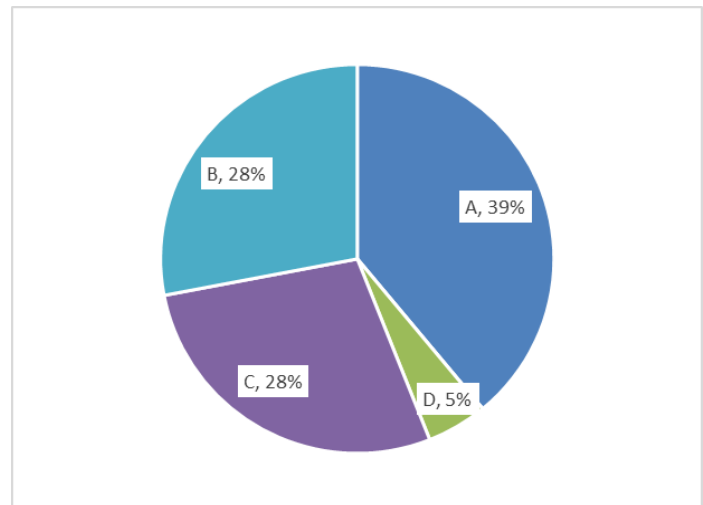
Performance grades may include up to 11 components: four achievement components, four learning gains components, middle school acceleration, high school graduation rate, and college and career acceleration. The number of points earned for each component is added together and divided by the total number of available points to determine the percentage of the points earned. In 2017, M-DCPS earned 653 points, or 59% of the total possible points, equivalent to a grade of “B” on the School Grading Scale.

M-DCPS SCHOOL PERFORMANCE GRADES

The 2017 School Performance Grades were computed by the Florida Department of Education using student results from the following assessments:

- Florida Standards Assessments (FSA) English Language Arts (ELA), grades 3-10;
- FSA Mathematics, grades 3-8;
- Florida Comprehensive Assessment Test (FCAT) 2.0 Science, grades 5 and 8;
- FSA Algebra 1 End-of-Course (EOC) assessment for secondary students enrolled in the course;
- FSA Algebra 2 EOC assessment for secondary students enrolled in the course;
- FSA Geometry EOC assessment for secondary students enrolled in the course;
- Next Generation Sunshine State Standards (NGSSS) Biology 1 EOC assessment for secondary students enrolled in the course;
- NGSSS Civics EOC assessment for secondary students enrolled in the course; and
- NGSSS U.S. History EOC assessment for secondary students enrolled in the course.

Figure 1
Proportions of Grades Assigned to M-DCPS in 2017



Notes: Percentages are based on the 427 M-DCPS schools that received a 2017 School Performance Grade and exclude the 12 M-DCPS schools that received an Incomplete or have not yet received a school grade.

Figure 1 shows the proportions of grades assigned to M-DCPS schools. A total of 427 M-DCPS elementary, middle, combination, and senior high schools, including charter schools, received a 2017 School Performance Grade.

The percentage of M-DCPS schools earning a grade of “A” increased by nine percentage points from 2016 to 2017 (from 30% in 2016 to 39% in 2017). M-DCPS had a higher proportion of schools earning a grade of “A” than schools statewide (39% vs. 30%). In addition, higher percentages of M-DCPS schools received a grade of “A” in 2017 than those in other large Florida districts, including Broward, Duval, Hillsborough, Orange, and Palm Beach.

No traditional M-DCPS school received a grade of “F.” Two Miami-Dade County charter schools received an “F.” Statewide, 1% of schools received a grade of “F.” One percent of schools in Duval County and two percent of schools in Broward, Hillsborough, Orange, and Palm Beach Counties received an “F.”

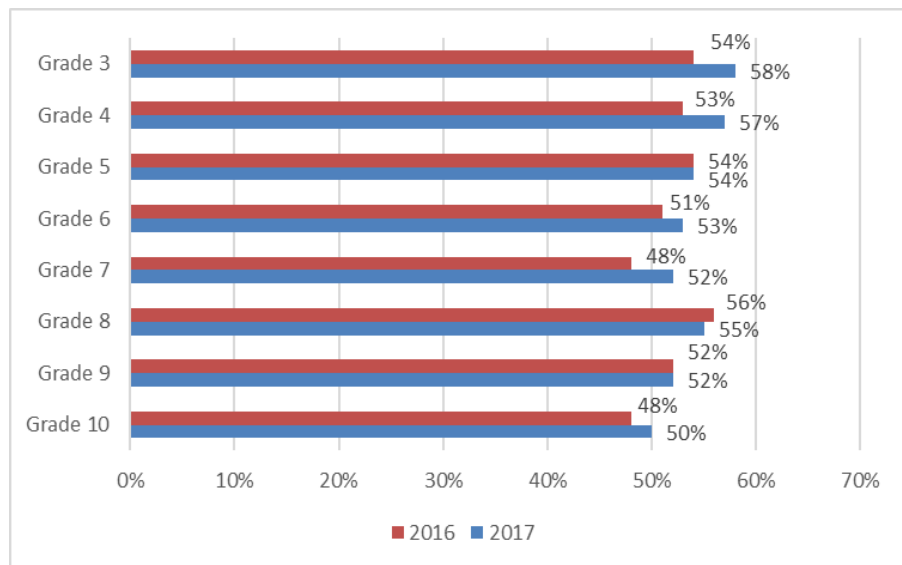
FLORIDA STANDARDS ASSESSMENTS (FSA)

English Language Arts (ELA)

The FSA ELA includes reading and language components in grades 3-10 and writing and listening components in grades 4 through 10.

In Spring 2017, 209,995 M-DCPS students in grades 3-10 took the FSA ELA. Test results are reported in terms of Achievement Levels that range from level 1 (lowest) to Level 5 (highest). Level 3 indicates satisfactory performance. As can be seen in Figure 2, the percentage of M-DCPS students scoring at Achievement Levels 3-5 increased at five of the eight grade levels tested (grades 3, 4, 6, 7, and 10) from 2016 to 2017. The percentage of M-DCPS students scoring at Achievement Levels 3-5 remained stable at grades 5 and 9, and decreased at grade 8.

Figure 2
M-DCPS FSA ELA: Percentages
Scoring at Achievement Levels 3-5,
2016 and 2017



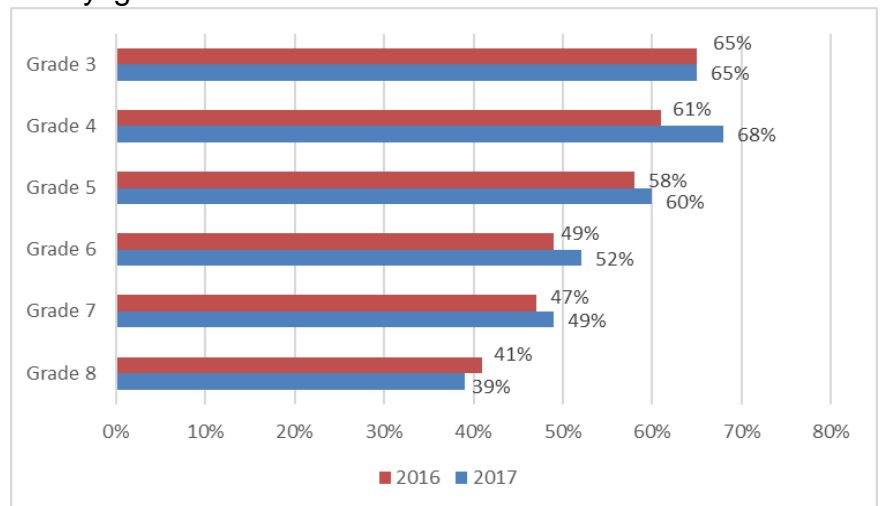
Mathematics

The FSA Mathematics was administered to students in grades 3-8. At the secondary grade levels, students enrolled in corresponding courses take EOC assessments in Algebra I, Algebra 2, or Geometry instead of the comprehensive FSA Mathematics exam. Over 145,000 M-DCPS students in grades 3-8 took the FSA Mathematics in Spring 2017.

As can be seen in Figure 3, the percentage of M-DCPS students scoring at Achievement Levels 3-5 increased at four of the six grade levels tested (grades 4-7) from 2016 to 2017.

At grade 4, the percentage of M-DCPS students scoring at Levels 3-5 increased by seven percentage points. The percentage of M-DCPS students scoring at Achievement Levels 3-5 remained stable at grade 3 and decreased at grade 8.

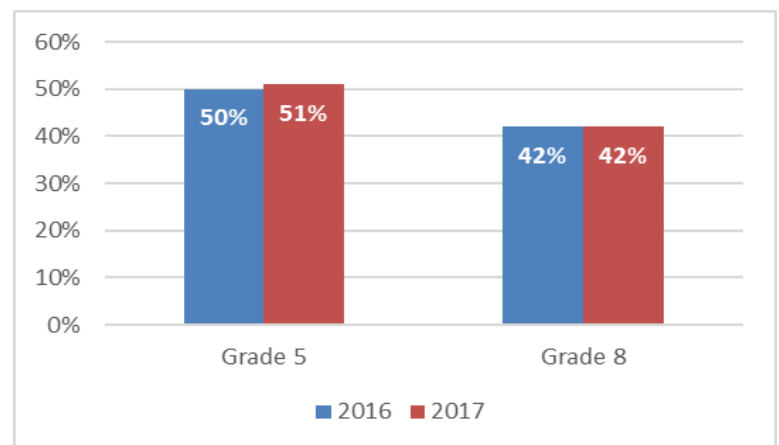
Figure 3
M-DCPS FSA Mathematics: Percentages
Scoring at Achievement Levels 3-5,
2016 and 2017



FCAT 2.0 SCIENCE

While students at the secondary level (usually grade 10) take a NGSSS EOC assessment in Biology 1, students in grades 5 and 8 still take the FCAT 2.0 Science test. In Spring 2017, 49,593 M-DCPS students in grades 5 and 8 took the FCAT 2.0 Science test. Figure 4 shows that the percentage of M-DCPS students scoring at Achievement Levels 3-5 on the FCAT 2.0 Science increased by one percentage point at grade 5 and remained stable at grade 8.

Figure 4
M-DCPS FCAT 2.0 Science: Percentages
Scoring at Achievement Levels 3-5,
2016 and 2017



FSA END OF COURSE (EOC) ASSESSMENTS

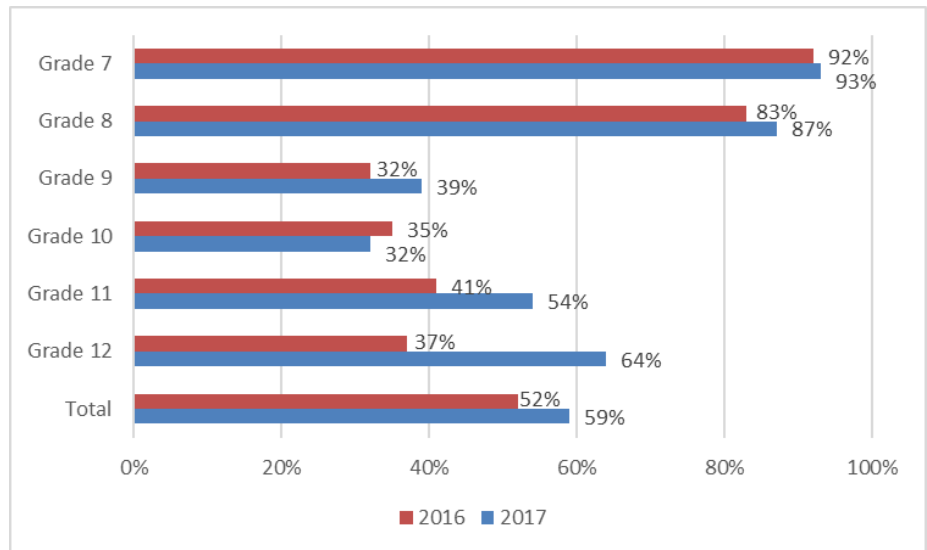
The State of Florida administers FSA End of Course (EOC) assessments in Algebra 1, Algebra 2, and Geometry.

Algebra 1

All of Florida’s EOC assessments target specific course content and are administered to all students taking the applicable course without regard to grade level. Therefore, accelerated middle school students, as well as senior high school students, participate in the exams.

In M-DCPS, 26,703 first-time test takers participated in the 2017 FSA Algebra 1 EOC assessment. Sixty percent of the students taking the assessment were enrolled in grade 9; 39% of these students scored at Achievement Levels 3-5 (Figure 5). The percentage of M-DCPS students scoring at Achievement Levels 3-5 increased at grades 7, 8, 9, 11, and 12, but decreased at grade 10. Across all grade levels, the percentage of M-DCPS students scoring at Achievement Levels 3-5 increased by seven percentage points from 2016-2017.

Figure 5
M-DCPS FSA Algebra 1 EOC Assessment:
Percentages Scoring at
Achievement Levels 3-5, 2016 and 2017

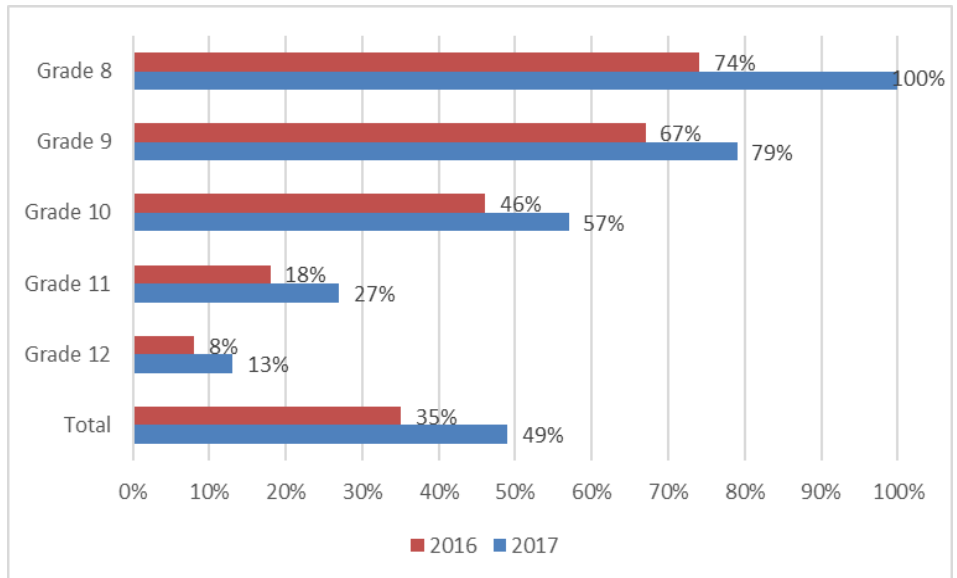


Note: The total includes a small number of grade 6 and adult students. At the middle grades, only high-performing students enrolled in Algebra 1 as an accelerated course.

Algebra 2

Over 14,000 M-DCPS first-time test takers participated in the 2017 FSA Algebra 2 EOC assessment. The majority of students taking the assessment were enrolled in grades 10 (40%) and 11 (38%). Fifty-seven percent of tenth graders and 27% of eleventh graders scored at Achievement Levels 3-5 (Figure 6). The percentage of M-DCPS students scoring at Achievement Levels 3-5 increased at every grade level in which students were tested. Across all grade levels combined, 49% of M-DCPS students scored at Achievement Levels 3-5 in 2017, a 14 percentage point increase from 2016.

Figure 6
M-DCPS FSA Algebra 2 EOC Assessment:
Percentages Scoring at
Achievement Levels 3-5, 2016 and 2017

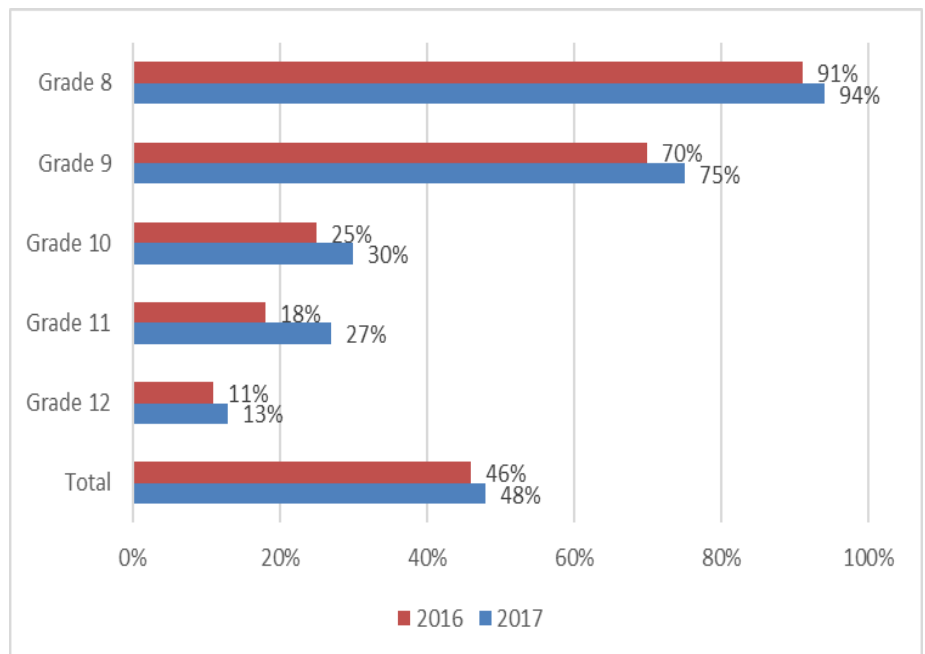


Note: The total includes a small number of grade 7 and adult students. At the middle grades, only high-performing students enrolled in Algebra 2 as an accelerated course.

Geometry

Over 24,000 M-DCPS first-time test takers participated in the 2017 FSA Geometry EOC assessment. The majority of students taking the assessment were enrolled in grade 10 (61%); 30% of these students scored at Achievement Levels 3-5 (Figure 7). The percentage of M-DCPS students scoring at Achievement Levels 3-5 increased at every grade level in which students were tested. Across all grade levels combined, 48% of M-DCPS students scored at Achievement Levels 3-5, a two percentage point increase from 2016 to 2017.

Figure 7
M-DCPS FSA Geometry EOC Assessment:
Percentages Scoring at
Achievement Levels 3-5, 2016 and 2017



Note: The total includes a small number of grade 7 and adult students. At the middle grades, only high-performing students enrolled in Geometry as an accelerated course.

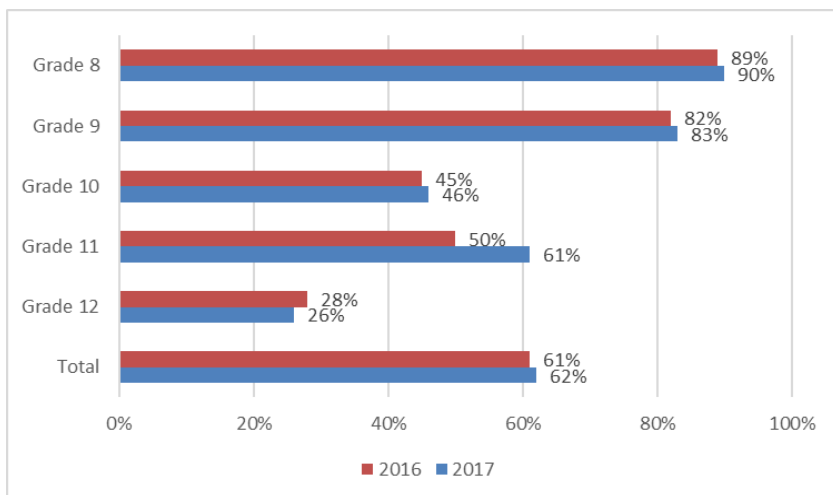
NEXT GENERATION SUNSHINE STATE STANDARDS (NGSSS) EOC ASSESSMENTS

The State of Florida administers Next Generation Sunshine State Standards (NGSSS) EOC assessments in Biology 1, Civics, and U.S. History.

Biology 1

Over 26,000 M-DCPS first-time test takers participated in the 2017 NGSSS Biology 1 EOC assessment. The majority of students taking the assessment were enrolled in grade 10 (57%); 46% of these students scored at Achievement Levels 3-5 (Figure 8). The percentage of M-DCPS students scoring at Achievement Levels 3-5 increased at grades 8-11, but decreased at grade 12. Across all grade levels combined, 62% of M-DCPS students scored at Achievement Levels 3-5 in 2017, a one percentage point increase from 2016.

Figure 8
M-DCPS NGSSS Biology 1 EOC Assessment:
Percentages Scoring at
Achievement Levels 3-5, 2016 and 2017

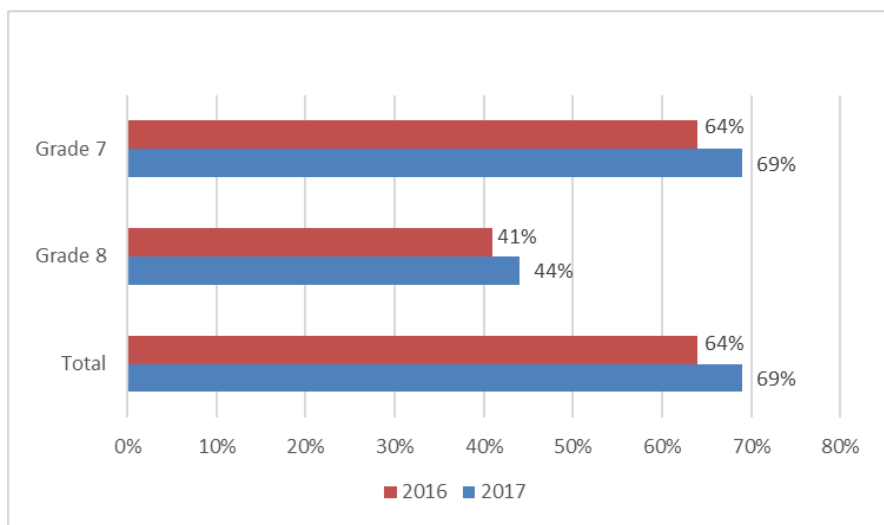


Note: The total includes a small number of grade 7 and adult students. At the middle grades, only high-performing students enrolled in Biology 1 as an accelerated course.

Civics

Over 25,000 M-DCPS first-time test takers participated in the 2017 NGSSS Civics EOC assessment. The vast majority of students taking the assessment were enrolled in grade 7 (99%); 69% of these students scored at Achievement Levels 3-5 (Figure 9). The percentage of M-DCPS students scoring at Achievement Levels 3-5 increased at both grades 7 and 8. Across both grade levels combined, 69% of M-DCPS students scored at Achievement Levels 3-5, a five percentage point increase from 2016 to 2017.

Figure 9
M-DCPS NGSSS Civics EOC Assessment:
Percentages Scoring at Achievement Levels 3-5,
2016 and 2017



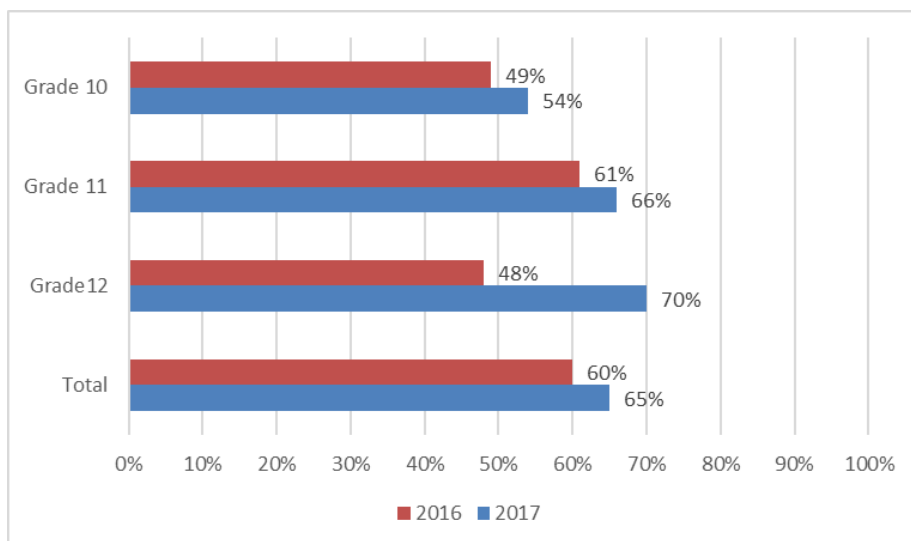
Note: The total includes a small number of grade 6 students.

U.S. History

Over 24,000 M-DCPS first-time test takers participated in the 2017 NGSSS U.S. History EOC assessment. The majority of students taking the assessment were enrolled in grade 11 (95%); 66% of these students scored at Achievement Levels 3-5 (Figure 10). The percentage of M-DCPS students scoring at Achievement Levels 3-5 increased at every grade level in which students were tested. Across all grade levels

combined, 65% of M-DCPS students scored at Achievement Levels 3-5, a five percentage point increase from 2016 to 2017.

Figure 10
M-DCPS NGSSS U.S. History EOC Assessment:
Percentages Scoring at
Achievement Levels 3-5, 2016 and 2017



Note: The total includes a small number of grades 8, 9, and adult students. At the middle grades, only high-performing students enrolled in U.S. History as an accelerated course.

ACHIEVEMENT GAP ON THE FSA, FCAT 2.0, FSA EOC EXAMS, AND NGSSS EOC EXAMS

As can be seen from the data provided below, the District made some progress reducing the achievement gap between Black and White Students and between Hispanic and White students at selected grade levels on most exams from 2016 to 2017.

FSA ELA. The achievement gap between Black and White students on the FSA ELA decreased at three of the eight grade levels tested, remained stable at one grade level, and increased at four grade levels. The gap between Hispanic and White students decreased at one grade level, remained stable at four grade levels, and increased at three grade levels (Table 1).

Table 1
M-DCPS FSA ELA
Percentages Scoring at Achievement Levels 3-5,
Black-White and Hispanic-White Achievement Gaps, 2016 and 2017

	Size of 2017 Gap		Did the Gap Increase or Decrease from 2016 to 2017?	
	Black-White Gap	Hispanic-White Gap	Black-White Gap	Hispanic-White Gap
Grade 3	38%	18%	-3%	0
Grade 4	35%	17%	-4%	0
Grade 5	39%	19%	+3%	+1%
Grade 6	41%	20%	+1%	0
Grade 7	39%	20%	-2%	-1%
Grade 8	39%	18%	+2%	+1%
Grade 9	40%	21%	0	0
Grade 10	39%	22%	+1%	+4%

FSA Mathematics. As can be seen in Table 2, M-DCPS made progress in reducing the achievement gap on the FSA Mathematics. The gap between Black and White students was reduced at four of the six grade levels tested and the gap between Hispanic and White students decreased at three grade levels.

Table 2
M-DCPS FSA Mathematics
Percentages Scoring at Achievement Levels 3-5,
Black-White and Hispanic-White Achievement Gaps, 2016 and 2017

	Size of 2017 Gap		Did the Gap Increase or Decrease from 2016 to 2017?	
	Black-White Gap	Hispanic-White Gap	Black-White Gap	Hispanic-White Gap
Grade 3	27%	14%	-2%	+2%
Grade 4	30%	14%	-6%	-2%
Grade 5	32%	16%	-1%	-1%
Grade 6	44%	22%	+1%	+1%
Grade 7	46%	24%	+2%	+2%
Grade 8	30%	17%	-5%	-1%

FCAT 2.0 Science. The achievement gap between Black and White students remained stable at grade 5 and increased at grade 8. The gap between Hispanic and White students decreased at grade 5, but increased at grade 8 (Table 3.)

Table 3
M-DCPS FCAT 2.0 Science: Percentages Scoring at Achievement Levels 3-5,
Black-White and Hispanic-White Achievement Gaps, 2016 and 2017

	Size of 2017 Gap		Did the Gap Increase or Decrease from 2016 to 2017?	
	Black-White Gap	Hispanic-White Gap	Black-White Gap	Hispanic-White Gap
Grade 5	37%	17%	0%	-3%
Grade 8	34%	23%	+1%	+4%

FSA Algebra I EOC Assessment. As can be seen in Table 4, the achievement gap between Black and White students decreased at two grade levels and increased at two grade levels. The gap between Hispanic and White students decreased at one grade level, remained stable at two grade levels, and increased at one grade level.

Table 4
M-DCPS FSA Algebra 1 EOC Assessment:
Percentages Scoring at Achievement Levels 3-5,
Black-White and Hispanic-White Achievement Gaps, 2016 and 2017

	Size of 2017 Gap		Did the Gap Increase or Decrease from 2016 to 2017?	
	Black-White Gap	Hispanic-White Gap	Black-White Gap	Hispanic-White Gap
Grade 7	6%	5%	-10%	0
Grade 8	9%	5%	-12%	-2%
Grade 9	29%	14%	+5%	0
Grade 10	40%	38%	+13%	+34%

Note: Results are not reported for grade levels with fewer than 10 students in at least one of the subgroups tested.

FSA Algebra 2 EOC Assessment. The achievement gap between Black and White students decreased at three grade levels and increased at one grade level. The gap between Hispanic and White students decreased at two levels and increased at two grade levels (Table 5).

Table 5
M-DCPS FSA Algebra 2 EOC Assessment:
Percentages Scoring at Achievement Levels 3-5,
Black-White and Hispanic-White Achievement Gaps, 2016 and 2017

	Size of 2017 Gap		Did the Gap Increase or Decrease from 2016 to 2017?	
	Black-White Gap	Hispanic-White Gap	Black-White Gap	Hispanic-White Gap
Grade 9	22%	9%	-4%	-3%
Grade 10	32%	15%	-1%	+1%
Grade 11	16%	5%	-2%	-2%
Grade 12	32%	27%	+28%	+27%

Note: Results are not reported for grade levels with fewer than 10 students in at least one of the subgroups tested.

FSA Geometry EOC Assessment. The achievement gap between Black and White students decreased at three grade levels and remained stable at one grade level. The gap between Hispanic and White students decreased at three grade levels and increased at one grade level (Table 6).

Table 6
M-DCPS FSA Geometry EOC Assessment:
Percentages Scoring at Achievement Levels 3-5,
Black-White and Hispanic-White Achievement Gaps, 2016 and 2017

	Size of 2017 Gap		Did the Gap Increase or Decrease from 2016 to 2017?	
	Black-White Gap	Hispanic-White Gap	Black-White Gap	Hispanic-White Gap
Grade 8	9%	2%	-9%	-2%
Grade 9	29%	11%	0	+1%
Grade 10	27%	14%	-3%	-1%
Grade 11	28%	16%	-8%	-6%

Note: Results are not reported for grade levels with fewer than 10 students in at least one of the subgroups tested.

NGSSS Biology 1 EOC Assessment. As can be seen in Table 7, the achievement gap between Black and White students decreased at two grade levels and increased at two grade levels. The gap between Hispanic and White students decreased at one grade level, remained stable at one grade level, and increased at two grade levels.

Table 7
M-DCPS NGSSS Biology 1 EOC Assessment:
Percentages Scoring at Achievement Levels 3-5,
Black-White and Hispanic-White Achievement Gaps, 2016 and 2017

	Size of 2017 Gap		Did the Gap Increase or Decrease from 2016 to 2017?	
	Black-White Gap	Hispanic-White Gap	Black-White Gap	Hispanic-White Gap
Grade 8	10%	7%	-5%	+2%
Grade 9	19%	7%	+2%	-1%
Grade 10	18%	13%	-3%	0%
Grade 11	45%	23%	+1%	+17%

Note: Results are not reported for grade levels with fewer than 10 students in at least one of the subgroups tested.

NGSSS Civics EOC Assessment. The achievement gap between Black and White students decreased. The gap between Hispanic and White students increased (Table 8).

Table 8
M-DCPS NGSSS Civics EOC Assessment:
Percentages Scoring at Achievement Levels 3-5,
Black-White and Hispanic-White Achievement Gaps, 2016 and 2017

	Size of 2017 Gap		Did the Gap Increase or Decrease from 2016 to 2017?	
	Black-White Gap	Hispanic-White Gap	Black-White Gap	Hispanic-White Gap
Grade 7	27%	17%	-3%	+1%

Note: Results are not reported for grade levels with fewer than 10 students in at least one of the subgroups tested.

NGSSS U.S. History EOC Assessment. The achievement gap between Black and White students remained stable. The gap between Hispanic and White students increased (Table 9).

Table 9
M-DCPS NGSSS U.S. History EOC Assessment:
Percentages Scoring at Achievement Levels 3-5,
Black-White and Hispanic-White Achievement Gaps, 2016 and 2017

	Size of 2017 Gap		Did the Gap Increase or Decrease from 2016 to 2017?	
	Black-White Gap	Hispanic-White Gap	Black-White Gap	Hispanic-White Gap
Grade 11	30%	16%	0	+2%

Note: Results are not reported for grade levels with fewer than 10 students in at least one of the subgroups tested.

SUMMARY

This report provided an overview of M-DCPS' 2016-2017 academic performance. Highlights include:

- M-DCPS earned a **District Performance Grade** of "B" in 2017.
- The percentages of M-DCPS schools earning a **School Performance Grade** of "A" increased by nine percentage points from 2016 to 2017 (from 30% to 39%). A higher percentage of M-DCPS schools received a grade of "A" in 2017 than schools statewide and in other large Florida districts. No traditional M-DCPS school received a grade of "F." Two Miami-Dade County charter schools received an "F."
- From 2016 to 2017, M-DCPS students' performance on the **FSA ELA** improved at five of the eight grade levels tested.
- M-DCPS students' performance on the **FSA Mathematics** improved at four of the six grade levels tested from 2016 to 2017.
- A comparison of M-DCPS students' performance on the **FCAT 2.0 Science** from 2016 to 2017 indicated that the percentage of students scoring at Achievement Levels 3-5 increased at grade 5 and remained stable at grade 8.
- Across all grade levels, M-DCPS students' performance on **FSA EOC assessments** improved from 2016 to 2017. The percentage of first-time test takers scoring at Achievement Levels 3-5 increased on the Algebra 1, Algebra 2, and Geometry exams.
- M-DCPS students' performance also improved on **NGSSS EOC assessments**. Across all grade levels from 2016 to 2017, the percentage of first-time test takers scoring at Achievement Levels 3-5 increased on the Biology 1, Civics, and U.S. History exams.
- At selected grade levels, the District made some progress reducing the **achievement gap between Black and White students** on the FSA ELA, the FSA Mathematics, the three FSA EOC assessments, and the NGSSS Biology 1 and Civics EOC assessments. No progress was made in decreasing the gap between Black and White students on the FCAT 2.0 Science or NGSSS U.S. History EOC exam from 2016 to 2017.

- At selected grade levels, the District made some progress reducing the **achievement gap between Hispanic and White students** on the FSA ELA, FSA Mathematics, FCAT 2.0 Science, the three FSA EOC assessments, and the NGSSS Biology 1 EOC assessments. The gap between Hispanic and White students' performance on the NGSSS Civics and U.S. History EOC exams increased from 2016 to 2017.