

Analysis of Student Performance Data for Broward County Public Schools

The data provided in this report compares student performance data on the Spring statewide assessments in the subject areas of English Language Arts (ELA), Mathematics, Science, and Social Studies. In addition, data is provided for the school grade components of Middle School Acceleration, College and Career Acceleration and Graduation. The tables below show the performance difference between Broward County Public Schools and the state of Florida for the school years 2014-15 through 2020-21. Due to the COVID-19 pandemic all statewide testing was suspended in the 2019-20 school year. The results of the latest state assessments (2020-21) show the effects of the pandemic on student learning and performance.

Current Accountability Environment

The 2020-21 school year was unique due to the ongoing COVID-19 pandemic. Students' in-person attendance at district schools was about 40% of the overall student population. In addition, FDOE spring assessments were not required and subsequently the District tested only 88% of the student population. In comparison, the District tested 98% of students over the previous three accountability school years (2017, 2018, and 2019). FDOE has reinstated required spring assessments for the current school year 2021-22. During this school year, the District returned to all in-person learning model. Spring 2022 assessment results will be available no later than June 30, 2022. This is the last year of FSA assessments.

Future Accountability Environment

The FDOE is transitioning to a progress monitoring assessment system, beginning with the 2022-23 school year the students will complete three assessments called the Florida Assessment for Student Thinking (F.A.S.T.) throughout the school year. The first two assessments will be interim with the third will serve as the accountability assessment for the purpose of school grades. This new progress monitoring system will be based on Florida's new Benchmarks for Excellent Student Thinking (B.E.S.T.) standards for ELA and Mathematics. Algebra 1 and Geometry EOCs will change to the new B.E.S.T. standards beginning Winter of the 2022-23 school year. FDOE announced that the 2022-23 school year will be a baseline non-accountability year. After the conclusion of the baseline year school accountability will include all components of the school grade.

Recommendation (Goal Plan Options listed in order of highest feasibility for success)

- Goal Plan Option A: Delay the selection of data goals until the new F.A.S.T. assessments are complete and student performance can be measured (June 2023). This will enable the new F.A.S.T. assessment results to be utilized in the five subsequent school years allowing for an apples-to-apples comparison.
- Goal Plan Option B: Delay the selection of data goals until the 2022 FSA assessment results are released. This data will be used to establish goals based on Grade 5 and 8 Science, Biology, Civics and US History as these assessments will not change for the 2022-23 school year. Delay goals for ELA and Mathematics until the 2022-23 F.A.S.T. results are released (June 2023).
- Goal Plan Option C: Use existing data from the Spring FSA 2021 to identify goals. Goal monitoring will be problematic since ELA, Mathematics, Algebra 1, and Geometry will be assessed under a

new set of standards using a different testing system (progress monitoring) resulting in an apples-to-oranges comparison.

- Goal Plan for progress monitoring: The new changes to the statewide assessment system include two interim assessments during the school year that can be used for progress monitoring and reporting towards goals without additional testing stress to students. Additionally, the alignment of the new progress monitoring system allows for a direct comparison of the interim assessment to the state's Spring assessment. Therefore, any other assessments will be limited in their predictability and alignment to the state's assessment.
- The table (next page) shows District and statewide performance on FSA spring assessments since the previous baseline year (2014-15). This table was utilized in preparation of two distinct set of goals.

Prioritized Recommended Areas of Greatest Need

Greatest need based on 2020-21 results independent of next year assessment change:

- Goal 1: Grade 3 Mathematics Achievement improve from 42% to 65%
- Goal 2: Grade 4 Mathematics Achievement improve from 47% to 67%
- Goal 3: Grade 5 Mathematics Achievement improve from 45% to 64%
- Goal 4: Grade 8 Mathematics Achievement improve from 23% to 52%
- Goal 5: Algebra 1 Achievement improve from 42% to 67%

Greatest need based on 2020-21 results (light blue oval) comparing to this year and next year:

- Goal 1: Grade 5 Science Achievement improve from 40% to 51%
- Goal 2: Grade 8 Science Achievement improve from 36% to 46%
- Goal 3: Algebra 1 Achievement improve from 42% to 67%
- Goal 4: Geometry Achievement improve from 40% to 57%

Greatest need based on 2021-22 results comparing this year to next year:

Unable to identify until assessment results are released.

Greatest need based on 2022-23 results comparing to subsequent years:

Unable to identify until new testing next school year.

| <u>Elementary Grades FSA Trends</u> | | | | | | | | | | | | | | | | |
|-------------------------------------|--|-----------|-----------|-----------|-----------|-----------|-----------|----------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| | <u>ELA-Grade 3</u> | | | | | | | | <u>Math-Grade 3</u> | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ |
| STATEWIDE | 53 | 54 | 58 | 57 | 58 | | 54 | ↓ -4 | 58 | 61 | 62 | 62 | 62 | | 51 | ↓ -11 |
| BROWARD | 52 | 55 | 57 | 59 | 60 | | 53 | ↓ -7 | 58 | 61 | 61 | 63 | 65 | | 42 | ↓ -23 |
| | <u>ELA-Grade 4</u> | | | | | | | | <u>Math-Grade 4</u> | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ |
| STATEWIDE | 54 | 52 | 56 | 56 | 58 | | 52 | ↓ -6 | 59 | 59 | 64 | 62 | 64 | | 53 | ↓ -11 |
| BROWARD | 53 | 50 | 56 | 58 | 62 | | 52 | ↓ -10 | 60 | 58 | 64 | 63 | 67 | | 47 | ↓ -20 |
| | <u>ELA-Grade 5</u> | | | | | | | | <u>Math-Grade 5</u> | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ |
| STATEWIDE | 52 | 52 | 53 | 55 | 56 | | 54 | ↓ -2 | 55 | 55 | 57 | 61 | 60 | | 51 | ↓ -9 |
| BROWARD | 51 | 52 | 54 | 56 | 59 | | 54 | ↓ -5 | 56 | 58 | 60 | 62 | 64 | | 45 | ↓ -19 |
| | <u>Science-Grade 5</u> | | | | | | | | | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | | | | | | | | |
| STATEWIDE | 53 | 51 | 51 | 55 | 53 | | 47 | ↓ -6 | | | | | | | | |
| BROWARD | 50 | 45 | 47 | 51 | 49 | | 40 | ↓ -9 | | | | | | | | |
| <u>Middle Grades FSA Trends</u> | | | | | | | | | | | | | | | | |
| | <u>ELA-Grade 6</u> | | | | | | | | <u>Math-Grade 6</u> | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ |
| STATEWIDE | 51 | 52 | 52 | 52 | 54 | | 52 | ↓ -2 | 50 | 50 | 51 | 52 | 55 | | 45 | ↓ -10 |
| BROWARD | 51 | 54 | 54 | 54 | 57 | | 53 | ↓ -4 | 51 | 52 | 55 | 55 | 58 | | 41 | ↓ -17 |
| | <u>ELA-Grade 7</u> | | | | | | | | <u>Math-Grade 7</u> | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ |
| STATEWIDE | 51 | 49 | 52 | 51 | 52 | | 48 | ↓ -4 | 52 | 52 | 53 | 54 | 54 | | 44 | ↓ -10 |
| BROWARD | 53 | 50 | 54 | 54 | 55 | | 50 | ↓ -5 | 51 | 51 | 54 | 54 | 53 | | 40 | ↓ -13 |
| | <u>ELA-Grade 8</u> | | | | | | | | <u>Math-Grade 8</u> | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ |
| STATEWIDE | 55 | 57 | 55 | 58 | 56 | | 52 | ↓ -4 | 45 | 48 | 46 | 45 | 46 | | 37 | ↓ -9 |
| BROWARD | 58 | 58 | 57 | 60 | 59 | | 53 | ↓ -6 | 50 | 52 | 48 | 47 | 45 | | 23 | ↓ -22 |
| | <u>Science-Grade 8</u> | | | | | | | | <u>Civics</u> | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ |
| STATEWIDE | 48 | 48 | 48 | 50 | 48 | | 45 | ↓ -3 | 65 | 67 | 70 | 71 | 71 | | 64 | ↓ -7 |
| BROWARD | 46 | 44 | 43 | 45 | 43 | | 36 | ↓ -7 | 65 | 68 | 71 | 71 | 71 | | 58 | ↓ -13 |
| | <u>Middle School Acceleration</u> | | | | | | | | | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | | | | | | | | |
| STATEWIDE | 62 | 62 | 69 | 72 | 74 | | 67 | ↓ -7 | | | | | | | | |
| BROWARD | 60 | 61 | 66 | 68 | 70 | | 60 | ↓ -10 | | | | | | | | |
| <u>High Grades FSA Trends</u> | | | | | | | | | | | | | | | | |
| | <u>ELA-Grade 9</u> | | | | | | | | <u>ELA-Grade 10</u> | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ |
| STATEWIDE | 53 | 51 | 52 | 53 | 55 | | 50 | ↓ -5 | 51 | 50 | 50 | 53 | 53 | | 51 | ↓ -2 |
| BROWARD | 54 | 55 | 55 | 55 | 57 | | 50 | ↓ -7 | 52 | 50 | 53 | 53 | 53 | | 52 | ↓ -1 |
| | <u>Algebra 1</u> | | | | | | | | <u>Geometry</u> | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ |
| STATEWIDE | 56 | 55 | 62 | 63 | 62 | | 49 | ↓ -13 | 53 | 51 | 54 | 57 | 57 | | 45 | ↓ -12 |
| BROWARD | 59 | 59 | 67 | 63 | 62 | | 42 | ↓ -20 | 53 | 50 | 57 | 52 | 56 | | 40 | ↓ -16 |
| | <u>Biology</u> | | | | | | | | <u>US History</u> | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ |
| STATEWIDE | 65 | 64 | 64 | 65 | 67 | | 61 | ↓ -6 | 66 | 66 | 67 | 68 | 70 | | 63 | ↓ -7 |
| BROWARD | 64 | 66 | 65 | 63 | 68 | | 58 | ↓ -10 | 64 | 63 | 65 | 66 | 67 | | 57 | ↓ -10 |
| | <u>College and Career Acceleration</u> | | | | | | | | <u>Graduation Rate</u> | | | | | | | |
| | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ | '15 | '16 | '17 | '18 | '19 | '20 | '21 | 2 Year Δ |
| STATEWIDE | 54 | 55 | 55 | 59 | 63 | 63 | 63 | → 0 | 78 | 81 | 82 | 86 | 87 | 90 | 90 | → 0 |
| BROWARD | 57 | 55 | 57 | 62 | 64 | 62 | 61 | ↓ -1 | 77 | 79 | 81 | 84 | 86 | 89 | 89 | → 0 |