# Student Achievement in Florida's Charter Schools: 

A Comparison of the Performance of
Charter School Students with
Traditional Public School Students


FLORIDA DEPARTMENT OF EDUCATION Improving K-12 Educational Choice Options

## About This Report

Section 1002.33(23), Florida Statutes, requires the Florida Department of Education to prepare an annual statewide analysis of student achievement in charter schools versus the achievement of comparable students in traditional public schools. This report of charter school student performance fulfills the statutory requirement for the 2016-17 school year. The analysis examines the average performance of charter school students and traditional public school students on statewide assessments in English Language Arts, Mathematics, Science and Social Studies. Only students who were enrolled in a charter school or a traditional public school for an entire school year are included in the analysis. Limiting the analysis to include only full-year students is consistent with the state's school accountability system for calculating school grades. The report compares charter and traditional public schools in terms of grade level achievement, learning gains and achievement gap. The data included in this report is based on over 4.3 million test scores from the 2016-17 school year.

The analysis and production of this report was a coordinated effort between the Office of Independent Education and Parental Choice and the Bureau of Evaluation and Reporting in the Division of Accountability, Research and Measurement. Additional information about charter schools and other school choice options is available on the Department's Web site at www.floridaschoolchoice.org.

> Section 1002.33(23), Florida Statutes (23) ANALYSIS OF CHARTER SCHOOL PERFORMANCE.--Upon receipt of the annual report required by paragraph (9)(I), the Department of Education shall provide to the State Board of Education, the Commissioner of Education, the Governor, the President of the Senate, and the Speaker of the House of Representatives an analysis and comparison of the overall performance of charter school students, to include all students whose scores are counted as part of the statewide assessment program, versus comparable public school students in the district as determined by the statewide assessment program currently administered in the school district, and other assessments administered pursuant to s. $1008.22(3)$.


## Student Achievement in Florida's Charter Schools: Key Findings

The data contained in this report, based on over 4.3 million test scores, is derived from student performance on the Florida Standards Assessments (FSA) for English Language Arts and Mathematics (Mathematics data includes Algebra I, Algebra II and Geometry end-of-course exams) as well as the statewide assessments for Science (NGSS Science and Biology) and Social Studies (Civics and U.S. History). This report is designed to allow a comparative analysis of the academic achievement of students attending charter schools versus students attending traditional public schools. Using data from the 2016-17 school year, the report makes 195 comparisons in three areas: absolute achievement, learning gains and achievement gaps. Each of these areas includes overall as well as sub-group comparisons across subject areas and grade levels.

The achievement section of this report measures the percentage of students who scored a level three or above on the statewide assessment. This data is used to measure overall rates of grade level performance by grade groupings and by subgroup. This section of the report contains 77 separate comparisons of student achievement. In 62 of the 77 comparisons, students enrolled in charter schools demonstrated higher rates of grade level performance. In 15 of the 77 comparisons students enrolled in traditional public schools demonstrated higher rates of grade level performance.

The achievement gap section of the report contains data that are used to analyze the gap between white students and African-American students and white students and Hispanic students in English Language Arts, Mathematics, Science and Social Studies. This section of the report includes 22 separate comparisons of achievement gaps. The achievement gap was lower for charter school students in 20 of the 22 comparisons while the achievement gap was lower for traditional public schools in 2 of the 22 comparisons.

The learning gains section of the report includes 96 comparisons. The report compares the percentage of students in charter schools making learning gains against the percentage of students in traditional public schools making learning gains by subject, grade level and subgroup. The percentage of students making learning gains was higher in charter schools in 79 of the 96 comparisons. The percentage of students making learning gains was higher in traditional public schools in 11 of the 96 comparisons. There was no difference in the percentage of students making learning gains in 6 of the 96 comparisons.


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F L O R \| D A' S
CHARTER

## Students Served by Florida Charter Schools

Charter schools provide parents with additional choices for selecting the most effective educational programs for their children and offer creative solutions for improving student achievement in Florida. The charter school sector in Florida strives to improve student learning, increase parental choice and foster innovative instructional and leadership approaches. Charter school enrollment has grown by almost 200 percent over the last decade. As shown below, charter schools served more than 282,000 students in the 2016-17 school year.

|  | Charter Schools |  | Traditional Public <br> Schools (TPS) |  | All |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Race/Ethnicity/ <br> Gender | Students | Percent | Students | Percent | Students | Percent |
| White | 90,638 | $32.1 \%$ | 992,997 | $39.1 \%$ | $1,083,635$ | $38.4 \%$ |
| Black | 57,893 | $20.5 \%$ | 570,452 | $22.5 \%$ | 628,345 | $22.3 \%$ |
| Hispanic | 117,255 | $41.5 \%$ | 804,525 | $31.7 \%$ | 921,780 | $32.7 \%$ |
| Other | 16,464 | $5.8 \%$ | 169,390 | $6.7 \%$ | 185,854 | $6.6 \%$ |
| Male | 141,628 | $50.2 \%$ | $1,306,415$ | $51.5 \%$ | $1,448,043$ | $51.4 \%$ |
| Female | 140,622 | $49.8 \%$ | $1,230,949$ | $48.5 \%$ | $1,371,571$ | $48.6 \%$ |
| Total <br> Enrollment | $\mathbf{2 8 2 , 2 5 0}$ | $\mathbf{1 0 0 . 0 \%}$ | $\mathbf{2 , 5 3 7 , 3 6 4}$ | $\mathbf{1 0 0 . 0 \%}$ | $\mathbf{2 , 8 1 9 , 6 1 4}$ | $\mathbf{1 0 0 . 0 \%}$ |

## Special

Categories

| FRPL* | 144,241 | $51.1 \%$ | $1,562,452$ | $61.6 \%$ | $1,706,693$ | $60.5 \%$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| ELL** | 28,835 | $10.2 \%$ | 273,174 | $10.8 \%$ | 302,009 | $10.7 \%$ |
| SWD*** | 26,612 | $9.4 \%$ | 361,536 | $14.2 \%$ | 388,148 | $13.8 \%$ |

* FRPL: Free and Reduced Priced Lunch
** ELL: English Language Learners
*** SWD: Students with Disabilities


## Grading Charter Schools

Like traditional public schools, charter schools are assigned a performance grade if they meet the eligibility criteria and are not an alternative school or Exceptional Student Education (ESE) center that elects to receive a school improvement rating instead of a grade. Each school is assigned a letter grade if it has sufficient data for at least one school grading component, tested at least 95 percent of eligible students, and is not under investigation for a testing irregularity. A school shall receive a grade based solely on the components for which it has sufficient data. Sufficient data exists when at least 10 students are eligible for inclusion in the calculation of the component. If a school has less than 10 eligible students with data for a particular component, that component will not be calculated for the school.

## 2016-17 Comparison of Graded vs. Ungraded Schools

|  | Charter | Traditional |
| :--- | :---: | :---: |
| Number of schools with membership in tested <br> grades | 625 | 3,115 |
| Number of graded/rated schools | 598 | 2,929 |
| Number of ungraded/unrated schools | 27 | 186 |
| Percent of ungraded/unrated schools | $\mathbf{4 \%}$ | $\mathbf{6 \%}$ |

2016-17 School Grades for Charter and Traditional Schools

|  | Charter |  | Traditional |  | AII |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Percent <br> of Graded | Number | Percent <br> of Graded | Number | \% of <br> Graded |
| A | 221 | $42 \%$ | 766 | $28 \%$ | 987 | $30 \%$ |
| B | 119 | $23 \%$ | 759 | $27 \%$ | 878 | $27 \%$ |
| C | 135 | $26 \%$ | 1,037 | $37 \%$ | 1,172 | $35 \%$ |
| D | 37 | $7 \%$ | 187 | $7 \%$ | 224 | $7 \%$ |
| F | 16 | $3 \%$ | 27 | $1 \%$ | 43 | $1 \%$ |
| Total A-F | 528 | $100 \%$ | 2,776 | $100 \%$ | 3,304 | $100 \%$ |

## FSA English Language Arts Traditional Public Schools and Charter Schools

A L L
S T U D E N T S
C O M P A R I S O N S
2017

Percent of Students Scoring a Level 3 or Above on FSA English Language Arts
Charter Schools and Traditional Public Schools
All Students


SUBGROUP COMPARISONS 2017

Percent of Students Scoring a Level 3 or Above on FSA English Language Arts
Charter Schools and Traditional Public Schools
White Students


Percent of Students Scoring a Level 3 or Above on FSA English Language Arts Charter Schools and Traditional Public Schools African-American Students


Percent of Students Scoring a Level 3 or Above on FSA English Language Arts Charter Schools and Traditional Public Schools

Hispanic Students


[^0]
## ENGLISH

Percent of Students Scoring a Level 3 or Above on FSA English Language Arts
Charter Schools and Traditional Public Schools Free and Reduced Lunch (FRL)


Percent of Students Scoring a Level 3 or Above on FSA English Language Arts Charter Schools and Traditional Public Schools Exceptional Education Students


# Percent of Students Scoring a Level 3 or Above on FSA English Language Arts Charter Schools and Traditional Public Schools 

English Language Learner Students (ELL)


## ENGLISH <br> LANGUAGE ARTS

## MATHEMATICS

ALL STUDENTS COMPARISONS 2017
Percent of Students Scoring a Level 3 or Above on FSA Mathematics and EOCs Charter Schools and Traditional Public Schools All Students


SUBGROUPCOMPARISONS 2017
Percent of Students Scoring a Level 3 or Above on FSA Mathematics and EOCs Charter Schools and Traditional Public Schools White Students


Percent of Students Scoring a Level 3 or Above on FSA Mathematics and EOCs Charter Schools and Traditional Public Schools African-American Students


Percent of Students Scoring a Level 3 or Above on FSA Mathematics and EOCs Charter Schools and Traditional Public Schools

Hispanic Students


Percent of Students Scoring a Level 3 or Above on FSA Mathematics and EOCs Charter Schools and Traditional Public Schools Free and Reduced Lunch (FRL)


Percent of Students Scoring a Level 3 or Above on FSA Mathematics and EOCs Charter Schools and Traditional Public Schools Exceptional Education Students


## MATHEMATICS

Percent of Students Scoring a Level 3 or Above on FSA Mathematics and EOCs Charter Schools and Traditional Public Schools English Language Learner Students


[^1]
## Statewide Science Assessments Traditional Public Schools and Charter Schools

ALL STUDENTS<br>C O M PARISONS<br>2017

Percent of Students Scoring a Level 3 or Above on Science Assessments Charter Schools and Traditional Public Schools All Students


SUBGROUP COMPARISONS 2017
Percent of Students Scoring a Level 3 or Above on Science Assessments Charter Schools and Traditional Public Schools White Students


Percent of Students Scoring a Level 3 or Above on Science Assessments
Charter Schools and Traditional Public Schools African-American Students


Percent of Students Scoring a Level 3 or Above on Science Assessments Charter Schools and Traditional Public Schools Hispanic Students


# Percent of Students Scoring a Level 3 or Above on Science Assessments Charter Schools and Traditional Public Schools Free and Reduced Lunch (FRL) 



Percent of Students Scoring a Level 3 or Above on Science Assessments Charter Schools and Traditional Public Schools Exceptional Education Students


Percent of Students Scoring a Level 3 or Above on Science Assessments
Charter Schools and Traditional Public Schools
English Language Learner Students


## SCIENCE

## Social Studies End of Course Exams Traditional Public Schools and Charter Schools

ALL STUDENTS COMPARISONS 2017

## Percent of Students Scoring a Level 3 or Above on Social Studies End of Course Exams

Charter Schools and Traditional Public Schools All Students


Percent of Students Scoring a Level 3 or Above on Social Studies End of Course Exams
Charter Schools and Traditional Public Schools White Students



Percent of Students Scoring a Level 3 or Above on Social Studies End of Course Exams Charter Schools and Traditional Public Schools Hispanic Students


[^2]Percent of Students Scoring a Level 3 or Above on Social Studies End of Course Exams
Charter Schools and Traditional Public Schools
Free and Reduced Lunch (FRL)


Percent of Students Scoring a Level 3 or Above on Social Studies End of Course Exams
Charter Schools and Traditional Public Schools
Exceptional Student Education


Percent of Students Scoring a Level 3 or Above on Social Studies End of Course Exams Charter Schools and Traditional Public Schools English Language Learner Students


## Achievement Gap Summary Data 2016-17 School Year

Achievement Gap in English Language Arts Charter Schools and Traditional Public Schools

African-American and White Students


Achievement Gap in English Language Arts Charter Schools and Traditional Public Schools Hispanic and White Students


## MATHEMATICS

Achievement Gap in Mathematics Charter Schools and Traditional Public Schools African-American and White Students


Achievement Gap in Mathematics Charter Schools and Traditional Public Schools Hispanic and White Students


[^3]Achievement Gap in Science Charter Schools and Traditional Public Schools African-American and White Students


Achievement Gap in Science Charter Schools and Traditional Public Schools Hispanic and White Students




## Achievement Gap in Social Studies Charter Schools and Traditional Public Schools Hispanic and White Students

[^4]
## Learning Gains Comparison 2016-2017 School Year

Percent of Students Making Learning Gains in FSA English Language Arts All Students


Percent of Students Making Learning Gains in FSA English Language Arts
White Students


Percent of Students Making Learning Gains in FSA English Language Arts
African-American Students



Percent of Students Making Learning Gains in FSA English Language Arts
Hispanic Students

## ENGLISH

Percent of Students Making Learning Gains in FSA English Language Arts FRL Students


Percent of Students Making Learning Gains in FSA English Language Arts
Exceptional Education Students



ENGLISH

## ENGLISH

Percent of Students in Lowest Quartile Making Learning Gains in FSA English Language Arts African-American Students


Percent of Students in Lowest Quartile Making Learning Gains in FSA English Language Arts Hispanic Students


Percent of Students in Lowest Quartile Making Learning Gains in FSA English Language Arts

FRL Students


Percent of Students in Lowest Quartile


## Making Learning Gains in FSA English Language Arts Exceptional Education Students

ENGLISH

## MATHEMATICS

Percent of Students Making Learning Gains in FSA Mathematics All Students


Percent of Students Making Learning Gains in FSA Mathematics White Students


## Percent of Students Making Learning Gains in FSA Mathematics African-American Students



Percent of Students Making Learning Gains in FSA Mathematics
Hispanic Students


[^5]Percent of Students Making Learning Gains in FSA Mathematics FRL Students


Percent of Students Making Learning Gains in FSA Mathematics Exceptional Education Students


Percent of Students In Lowest Quartile Making Learning Gains in FSA Mathematics

All Students


Percent of Students In Lowest Quartile Making Learning Gains in FSA Mathematics White Students


Percent of Students In Lowest Quartile Making Learning Gains in FSA Mathematics

African-American Students


Percent of Students In Lowest Quartile Making Learning Gains in FSA Mathematics Hispanic Students


[^6]
## Percent of Students In Lowest Quartile Making Learning Gains in FSA Mathematics FRL Students



## Percent of Students In Lowest Quartile Making Learning Gains in FSA Mathematics Exceptional Education Students



[^7]
## FSA ACHIEVEMENT DATA

|  |  | Charter | Traditional |
| :--- | :--- | :---: | :---: |
| Total \# of Students <br> with FSA results | English Language Arts | 167,464 | $1,469,249$ |
|  | Mathematics | 174,888 | $1,530,202$ |
|  | Science | 57,814 | 547,747 |
|  | Social Studies | 35,000 | 350,492 |





| Total Percent Scoring Level 3 or Above |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Hispanic Students | English Language Arts - Hispanic |  |  |  |  |
|  | Elem | 60.4 | 17,420 | 49.7 | 93,563 |
|  | Mid | 60.0 | 18,485 | 47.2 | 77,890 |
|  | High | 56.6 | 6,380 | 44.9 | 52,393 |
|  | Mathem Hispan |  |  |  |  |
|  | Elem | 63.9 | 18,500 | 57.3 | 108,921 |
|  | Mid | 61.4 | 18,965 | 50.7 | 84,495 |
|  | High | 46.5 | 6,605 | 40.4 | 55,155 |
|  | Science |  |  |  |  |
|  | Elem | 51.7 | 4,839 | 45.9 | 28,395 |
|  | Mid | 50.5 | 4,790 | 43.0 | 24,102 |
|  | High | 59.0 | 3,303 | 56.2 | 31,179 |
|  | Social Stu Hispan |  |  |  |  |
|  | Elem |  | N/A |  | N/A |
|  | Mid | 74.7 | 7,518 | 62.8 | 35,774 |
|  | High | 63.1 | 3,247 | 61.8 | 33,088 |


|  |  | Charter |  | Traditional |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Total Percent Scoring Level 3 or Above |  | \% | Total Students | \% | Total Students |
| FRL <br> Students | English Language Arts |  |  |  |  |
|  | Elem | 52.5 | 18,293 | 44.9 | 167,728 |
|  | Mid | 52.3 | 19,350 | 40.7 | 130,557 |
|  | High | 48.3 | 6,175 | 38.8 | 81,982 |
|  | Mathematics |  |  |  |  |
|  | Elem | 55.5 | 19,415 | 52.0 | 195,521 |
|  | Mid | 54.1 | 20,083 | 44.7 | 144,418 |
|  | High | 40.6 | 6,656 | 36.1 | 88,691 |
|  | Science |  |  |  |  |
|  | Elem | 42.5 | 4,635 | 40.8 | 49,156 |
|  | Mid | 43.8 | 4,859 | 38.2 | 40,450 |
|  | High | 53.2 | 3,383 | 51.7 | 53,210 |
|  | Social Studies |  |  |  |  |
|  | Elem |  | N/A | 25.0 | 3 |
|  | Mid | 70.2 | 8,342 | 59.3 | 64,852 |
|  | High | 56.1 | 3,354 | 57.5 | 54,329 |


| Total Percent Scoring Level 3 or Above |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ESE <br> Students | English Language Arts |  |  |  |  |
|  | Elem | 28.4 | 1,784 | 23.9 | 19,602 |
|  | Mid | 24.6 | 1,469 | 16.3 | 10,310 |
|  | High | 21.2 | 435 | 16.2 | 5,953 |
|  | Mathem |  |  |  |  |
|  | Elem | 33.3 | 2,114 | 31.8 | 26,274 |
|  | Mid | 29.5 | 1,780 | 21.3 | 13,670 |
|  | High | 19.9 | 605 | 19.6 | 8,419 |
|  | Science |  |  |  |  |
|  | Elem | 22.8 | 477 | 22.2 | 6,044 |
|  | Mid | 21.9 | 377 | 17.1 | 3,409 |
|  | High | 29.4 | 360 | 29.8 | 5,409 |
|  | Social |  |  |  |  |
|  | Elem |  | N/A |  | N/A |
|  | Mid | 47.4 | 918 | 36.1 | 7,796 |
|  | High | 33.9 | 365 | 39.2 | 6,629 |


| Total Percent Scoring Level 3 or Above |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ELL <br> Students | English Language Arts |  |  |  |  |
|  | Elem | 41.8 | 4,701 | 31.9 | 32,509 |
|  | Mid | 28.8 | 2,306 | 18.7 | 11,023 |
|  | High | 21.3 | 521 | 12.5 | 4,169 |
|  | Mathem |  |  |  |  |
|  | Elem | 52.3 | 5,931 | 46.2 | 47,795 |
|  | Mid | 38.4 | 3,091 | 27.6 | 16,688 |
|  | High | 32.6 | 1,130 | 26.8 | 11,497 |
|  | Science |  |  |  |  |
|  | Elem | 25.5 | 658 | 23 | 6,285 |
|  | Mid | 19.3 | 404 | 15.2 | 2,634 |
|  | High | 34.3 | 447 | 29.1 | 4,746 |
|  | Social St |  |  |  |  |
|  | Elem |  | N/A |  | N/A |
|  | Mid | 49.8 | 1,338 | 37.6 | 8,181 |
|  | High | 28.8 | 281 | 29.3 | 4,079 |

## LEARNING GAINS DATA

| English <br> Language Arts | All Students <br> \% making learning gains | African American \% making learning gains | White <br> \% making learning gains | Hispanic <br> \% making learning gains | FRL <br> \% making learning gains | SWD <br> \% making learning gains |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Charter Schools |  |  |  |  |  |  |
| Grades 4 and 5 | 59 | 53 | 61 | 59 | 55 | 43 |
| Grades 6, 7 and 8 | 61 | 53 | 64 | 61 | 57 | 46 |
| Grades 9 and 10 | 55 | 46 | 59 | 55 | 51 | 39 |
| All Grade levels | 60 | 52 | 63 | 59 | 56 | 44 |
| Traditional Schools |  |  |  |  |  |  |
| Grades 4 and 5 | 58 | 51 | 61 | 57 | 53 | 42 |
| Grades 6, 7 and 8 | 55 | 44 | 60 | 54 | 49 | 37 |
| Grades 9 and 10 | 48 | 40 | 54 | 46 | 42 | 32 |
| All Grade levels | 54 | 45 | 59 | 52 | 49 | 38 |

## LEARNING GAINS OF THE LOWEST QUARTILE

| English <br> Language Arts | All Students <br> \% in the lowest quartile making learning gains | African American \% in the lowest quartile making learning gains | White <br> \% in the lowest quartile making learning gains | Hispanic <br> \% in the lowest quartile making learning gains | FRL <br> \% in the lowest quartile making learning gains | SWD <br> \% in the lowest quartile making learning gains |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Charter Schools |  |  |  |  |  |  |
| Grades 4 and 5 | 52 | 51 | 52 | 53 | 52 | 42 |
| Grades 6, 7 and 8 | 54 | 48 | 57 | 55 | 51 | 44 |
| Grades 9 and 10 | 49 | 43 | 52 | 49 | 46 | 36 |
| All Grade levels | 53 | 49 | 55 | 53 | 51 | 42 |
|  |  |  |  |  |  |  |
| Traditional Schools |  |  |  |  |  |  |
| Grades 4 and 5 | 52 | 50 | 52 | 53 | 50 | 42 |
| Grades 6, 7 and 8 | 45 | 38 | 49 | 45 | 42 | 35 |
| Grades 9 and 10 | 39 | 35 | 45 | 38 | 36 | 30 |
| All Grade levels | 45 | 41 | 49 | 45 | 43 | 36 |

Note: Retained 3rd grade students eligible for gains therefore included with grades 4 and 5 .

## LEARNING GAINS DATA

| Mathematics | All Students <br> \% making learning gains | African American \% making learning gains | White <br> \% making learning gains | Hispanic <br> \% making learning gains | FRL <br> \% making learning gains | SWD <br> \% making learning gains |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Charter Schools |  |  |  |  |  |  |
| Grades 4 and 5 | 59 | 52 | 61 | 60 | 56 | 44 |
| Grades 6, 7 and 8 | 62 | 53 | 66 | 61 | 57 | 50 |
| Grades 9 and 10 | 48 | 41 | 50 | 49 | 46 | 39 |
| All Grade levels | 58 | 51 | 61 | 58 | 54 | 46 |
| Traditional Schools |  |  |  |  |  |  |
| Grades 4 and 5 | 61 | 53 | 64 | 61 | 57 | 46 |
| Grades 6, 7 and 8 | 59 | 48 | 64 | 57 | 53 | 42 |
| Grades 9 and 10 | 46 | 37 | 51 | 43 | 41 | 35 |
| All Grade levels | 56 | 47 | 60 | 54 | 51 | 42 |

## LEARNING GAINS OF THE LOWEST QUARTILE

| Mathematics | All Students <br> \% in the lowest quartile making learning gains | African American \% in the lowest quartile making learning gains | White <br> \% in the lowest quartile making learning gains | Hispanic <br> \% in the lowest quartile making learning gains | FRL <br> \% in the lowest quartile making learning gains | SWD <br> \% in the lowest quartile making learning gains |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Charter Schools |  |  |  |  |  |  |
| Grades 4 and 5 | 50 | 46 | 51 | 53 | 49 | 40 |
| Grades 6, 7 and 8 | 57 | 51 | 62 | 57 | 54 | 46 |
| Grades 9 and 10 | 45 | 39 | 49 | 44 | 42 | 36 |
| All Grade levels | 52 | 47 | 55 | 52 | 50 | 43 |
| Traditional Schools |  |  |  |  |  |  |
| Grades 4 and 5 | 51 | 47 | 53 | 52 | 49 | 41 |
| Grades 6, 7 and 8 | 50 | 43 | 56 | 50 | 47 | 39 |
| Grades 9 and 10 | 41 | 37 | 45 | 40 | 38 | 33 |
| All Grade levels | 47 | 42 | 51 | 47 | 45 | 39 |

Note: Retained third-grade students eligible for gains therefore included with grades 4 and 5.

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[^0]:    A Comparison of Performance

[^1]:    A Comparison of Performance

[^2]:    A Comparison of Performance

[^3]:    A Comparison of Performance

[^4]:    A Comparison of Performance

[^5]:    A Comparison of Performance

[^6]:    A Comparison of Performance

[^7]:    A Comparison of Performance

