



Evaluation of the Florida Tax Credit Scholarship Program

Participation, Compliance and Test Scores in 2020-21

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EXECUTIVE SUMMARY

This report details the 2020-21 academic year evaluation for the Florida Tax Credit Scholarship (FTC) Program, as required by the 2021 Florida Statutes, s. 1002.395(9)(f). The fourteenth in a series of annual reports, this evaluation is the seventh of those conducted by the Florida State University, Learning Systems Institute (LSI). This report provides a summary of key findings, details about test score collection, 2020-21 test score results of program participants, gain scores from 2018-19 to 2020-21 of program participants, school-level average gain scores for schools with at least 30 participating students, attributes of new program participants in 2020-21, and the performance of program participants who return to Florida public schools.

Similar to the several most recent reports, this report also does not compare the performance of FTC students to public school students. Due to the difference in the tests that each group takes, such a comparison may not be valid.

LSI was designated as the independent research organization and was directed to conduct the annual evaluation of the FTC Program. This report presents data collected by LSI for students participating in the 2020-21 academic year. The main findings include:

Participating private school compliance with protocol:

- Compliance with program testing requirements was high in 2020-21. Participating private schools reported test scores for 89.0 percent of program participants in grades 3-10. This was lower than the last year's score reporting (93.3 percent). Compared to the last year, the percentage of students with missing or unusable tests was somewhat higher in 2020-21 at 4.1 percent. This rate was 2.8 percent last year. The higher rate is due to several factors, including schools using tests not listed on the Florida Department of Education (FDOE) list of approved assessments and unresponsive schools.

Differential program participation rates for different groups of students and families:

- Newly participating FTC students in 2020-21 were more likely to be black, and less likely to be Hispanic or white than non-participant eligible students. Also, they were less likely to be English-language learners than were non-participants. The share of new FTC students who were free-lunch eligible was somewhat higher than the share of free-lunch eligible, non-participant students. Lastly, compared to eligible non-participant students, new FTC students had poorer test performance both in English Language Arts (ELA) and math before entering the FTC Program and they tended to come from lower-performing public schools.

- Former FTC students who returned to the public schools had poorer test performance in both reading and math during their last year in the FTC Program, compared to FTC students who remained in the FTC Program. Specifically, FTC students who returned to the public schools had a 45.5th normal curve equivalent score in reading and a 40.9th normal curve equivalent score in math, while FTC students who remained in the program scored at the 47.0th normal curve equivalent in reading and the 42.4th normal curve equivalent in math.
- Former FTC students who returned to the public schools also had lower performance in both ELA and math during their first year back in the public schools, compared to low-income public school students who never participated in the FTC Program. Former FTC students who returned to the public schools performed at the 38.6th Florida percentile in ELA and the 36.9th Florida percentile in math, while other subsidized meal-eligible public school students who never participated in the FTC Program performed at the 42.6th Florida percentile in ELA and the 42.9th Florida percentile in math.

Test scores of program participants, 2020-21:

- FTC students scored at the 46.4th normal curve equivalent in reading and the 41.2nd normal curve equivalent in math.
- In terms of gains in math and reading from 2018-19 to 2020-21, the typical FTC student tended to maintain his or her relative position in comparison with all students nationally both in math and reading. It is important to note that the FTC students are being compared to all students nationally and not just students from low-income families.

1. BACKGROUND

This report details the 2020-21 academic year evaluation results of the Florida Tax Credit Scholarship (FTC) Program, as required by the 2021 Florida Statutes, s. 1002.395(9)(f). The fourteenth in a series of annual reports, this evaluation is the seventh of those conducted by the Florida State University Learning Systems Institute (LSI). This report provides a summary of key findings, details about test score collection, 2020-21 test score results of program participants, gain scores from 2018-19 to 2020-21, test score gains of individual schools with at least 30 or more students, attributes of new program participants in 2020-21, and the performance of program participants who return to Florida public schools. Similar to the seven previous reports, this report also does not compare the performance of FTC students to public school students. Due to the difference in the tests that each group takes, such a comparison may not be valid. While FTC students take a nationally norm-referenced test, public school students take the Florida Standards Assessments (FSA) Test. Because there is no correspondence between the FSA and the nationally norm-referenced tests that FTC students take, the independent research organization tasked with this evaluation, LSI, holds that it is not valid to make these comparisons.

Pursuant to the Florida Statutes, s. 1002.395(9)(f) that require an independent evaluation of the FTC Program, LSI has been tasked with conducting these annual evaluations of the FTC Program since the year 2014. This report provides the results of the 2020-21 academic year evaluation of the FTC Program.

2. TEST SCORE COLLECTION IN 2020-21

Data collection protocol

As mandated by the 2021 Florida Statutes, s. 1002.395(8)(b)(1), participating private schools administered a nationally norm-referenced test approved by the Florida Department of Education (FDOE). The state designates an approved list of tests from which to choose: the ACT Aspire, Basic Achievement Skills Inventory, Comprehensive Testing Program, Curriculum Associates i-Ready Assessments, Educational Development Series, Iowa Assessments, Iowa Tests of Basic Skills, Iowa Tests of Educational Development, Kaufman Test of Educational Achievement, NWEA Measures of Academic Progress, Pivot INSPECT Summative Assessment, PSAT/NMSQT, Scantron Performance Series, Stanford Achievement Test, STAR (Math Enterprise, Reading Enterprise), TerraNova, or Wide Range Achievement Test. Alternatively, participating students may be administered the FSA in accordance with 1002.395(7)(e).

Data collection took place during the year 2020-21, in which private schools sent students' test scores to LSI. The 1,697 private schools that had participating students in grades 3 through 10 during the 2020-21 school year were contacted by LSI in fall 2020, spring 2021 and again throughout spring and summer 2021 to encourage compliance with score reporting. Schools were provided a roster of participating FTC students in grades 3 to 10, which was obtained in late fall 2020 from the Scholarship Funding Organizations.¹ From the 1,697 private schools with

¹ This roster is based on actual payments made to schools and is thus thought to contain a more precise representation of participating students than rosters from earlier in the school year.

participating FTC students, 64,835 students were enrolled in grades 3 to 10, the grades mandated for testing per the 2021 Florida Statutes, s. 1002.395(8)(b)(1). If schools had any missing or invalid student scores, they were instructed to provide an explanation backed by evidence, most commonly in the form of a notarized letter, for each missing or invalid student score.

Participating private school compliance with protocol

Score reporting in 2020-21

A majority of schools were in compliance with test score reporting for the academic year 2020-21. Regarding test score submission, most schools sent photocopied test score sheets that had been scored by the testing company. In a small number of cases where tests had been hand-scored, schools were instructed to send detailed test administration and scoring procedures. Throughout the spring and summer of 2021, LSI followed up with schools that had sent invalid test score results, including missing or incomplete test scores.

Test score sheets were sent to LSI via a secure, online score portal. As test score data was received, two data entry staff members recorded students' test scores and test information in the secure score portal. The scores were then reconciled with the original scores to ensure the highest accuracy. Test scores are deleted following one year after this double-entry and reconciliation procedure to ensure student privacy as mandated by s. 1002.22(2)(d) of the Florida Statutes.

To obtain information about prior public schooling records, the electronic

database of students' test scores, including information from student scholarship applications provided by the Scholarship Funding Organizations, was sent to the FDOE using its secure file share system. FTC student records were matched to FDOE records in order to include information about students' FSA scores, public schooling history, free/reduced lunch status, limited English proficiency, and disability status. A unique FDOE identification number replaced students' identifying information. The FDOE then returned via secure file share the matched and comparison data that were de-identified and stripped of any personal information. These de-identified data were then used for analysis.

There were 1,697 FTC participating schools with students in the relevant grades in 2020-21. The majority of the FTC participating schools provided evidence of test administration consistent with the specifications of the program. Fifty-nine participating schools, serving 1,206 testing-eligible students, closed or did not report scores for any participating students.² There were 64,835 students in relevant grades participating in the FTC Program in 2020-21. Valid, legible test scores were received for 57,700 FTC students, which represents 89.0 percent of all expected test scores received.

² LSI reported these non-compliant schools to the Florida Department of Education.

Table 1: Distribution of score reporting percentages: 2020-21 and prior ten years

	Academic year										
	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	20-21
Legible, valid scores received	91.3	93.5	96.4	92.3	90.0	95.9	95.6	95.8	94.0	93.3	89.0
Not enrolled at time of testing	5.8	3.5	2.1	5.1	0.8	0.4	2.2	1.5	4.0	2.9	2.4
Ineligible for testing	0.6	0.4	0.4	1.2	0.4	0.3	0.3	0.4	0.3	0.2	0.2
School closed/suspended	0.9	0.4	0.1	0.7	0.2	0.2	0.1	0.2	0.3	0.0	1.9
Student sick/absent	1.9	0.8	0.9	0.6	0.7	0.6	0.6	0.9	0.7	0.8	2.5
Missing/unusable test	1.2	0.3	0.3	1.2	7.9	2.5	1.1	1.1	0.8	2.8	4.1
Note: Percentages may not add up to 100 due to rounding.											

The rate of legible, valid scores received was high in 2020-21. As seen in Table 1, private schools reported test scores for 89.0 percent of program participants in grades 3-10. This is lower than the last year’s score reporting (93.3 percent). Compared to the last year, the percentage of students with missing or unusable tests was higher in 2020-21 at 4.1 percent (as compared to 2.8 percent last year), as well as an increase in students who were sick/absent (2.5 percent as compared to 0.8 percent last year). Finally, there was an increase in schools that were closed/suspended (1.9 as compared to 0.0 percent last year). Some reasons that we observed an increase in the percentage of students with missing or unusable tests in 2020-21 was due to several factors, including schools using tests not listed on the FDOE list of approved assessments and unresponsive schools. An increase in students

who were sick/absent during testing was also observed. A likely reason for this includes students missing school due to Covid-19 quarantine. The other categories of score reporting remained at levels comparable to those observed in recent years.

Table 2: Distribution of percent and number of students with legible, valid scores: 2020-21 and prior ten years.

Academic Year	Number of students	Number of students with legible, valid scores	Percent of students with legible, valid scores
2009-2010	15,151	13,829	91.3
2010-2011	17,724	16,575	93.5
2011-2012	19,284	18,583	96.4
2012-2013	26,595	24,534	92.3
2013-2014	30,036	27,020	90.0
2014-2015	36,106	34,469	95.9
2015-2016	43,270	41,372	95.3
2016-2017	55,148	52,580	95.8
2017-2018	62,429	58,716	94.0
2018-2019	60,081	56,043	93.3
2020-2021	64,835	57,700	89.0

In 2020-21 the number of students in relevant grades participating in the program was 64,835. This is somewhat higher compared to 2018-19, where the number of students in relevant grades participating in the program was 60,081. As can be seen in Table 2, the number of enrolled students in relevant grades is higher in recent years compared to early years of the program.

Comparison of students with legible, valid test scores to scholarship population

Although the rate of successful score reporting was high in 2020-21 at 89.0 percent, there were 11.0 percent of students whose expected scores were not received. Thus, it was still important to examine whether the students whose test scores were successfully reported are comparable to the population enrolled in 2020-21.

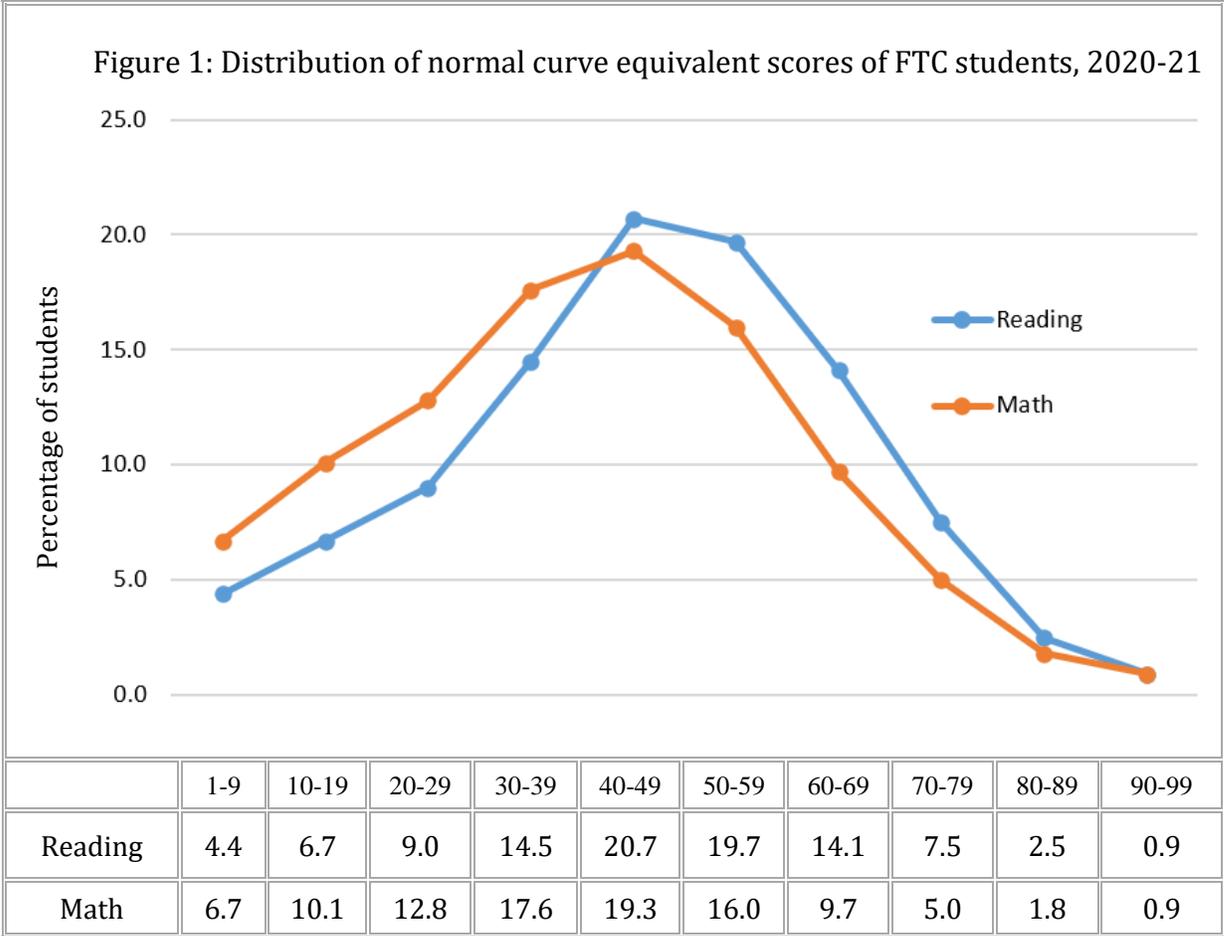
For this analysis, we used data from the families' scholarship applications. We found differences between students whose test scores were successfully reported and those whose scores were not successfully reported in terms of their family incomes, their parents' marital status, their gender and race. This finding was consistent with previous years' findings. Students whose scores were successfully reported come from families with higher incomes (averaging \$35,767 versus \$28,105) and with parents more likely to be married (44.4 percent versus 33.1 percent). Moreover, students whose scores were successfully reported were more likely to be white (28.1 percent) and female (51.2 percent), compared to students with no test scores (21.2 percent white and 49.2 percent female). We cannot make any claims about whether students with missing test scores would have had higher or lower gain scores than those with test scores available.

3. TEST SCORES OF FTC STUDENTS IN 2020-21

We report test scores in the form of the normal curve equivalent (NCE) scores. The NCE is a normalized standard score with a mean of 50 and a standard deviation of 21.06. The scale corresponds to national percentile ranks (NPR) at 1, 50, and 99.

As reported in the previous section, schools administered different nationally norm-referenced tests approved by the FDOE. Reporting test scores as normal curve equivalent scores ensures reasonable comparability across schools and program participants. Moreover, normal curve equivalent scores convey information about students' rankings compared with normal standards.

Figure 1 presents the basic distribution of reading and math scores of FTC students participating in the program in 2020-21. Most of the students were in the middle of the test score distributions. The average normal curve equivalent score for FTC students was 46.4th in reading and 41.2nd in math in 2020-21. In terms of corresponding national percentile rankings, the typical student in the FTC Program scored at the 45.5th national percentile in reading and the 38.0th national percentile in math.

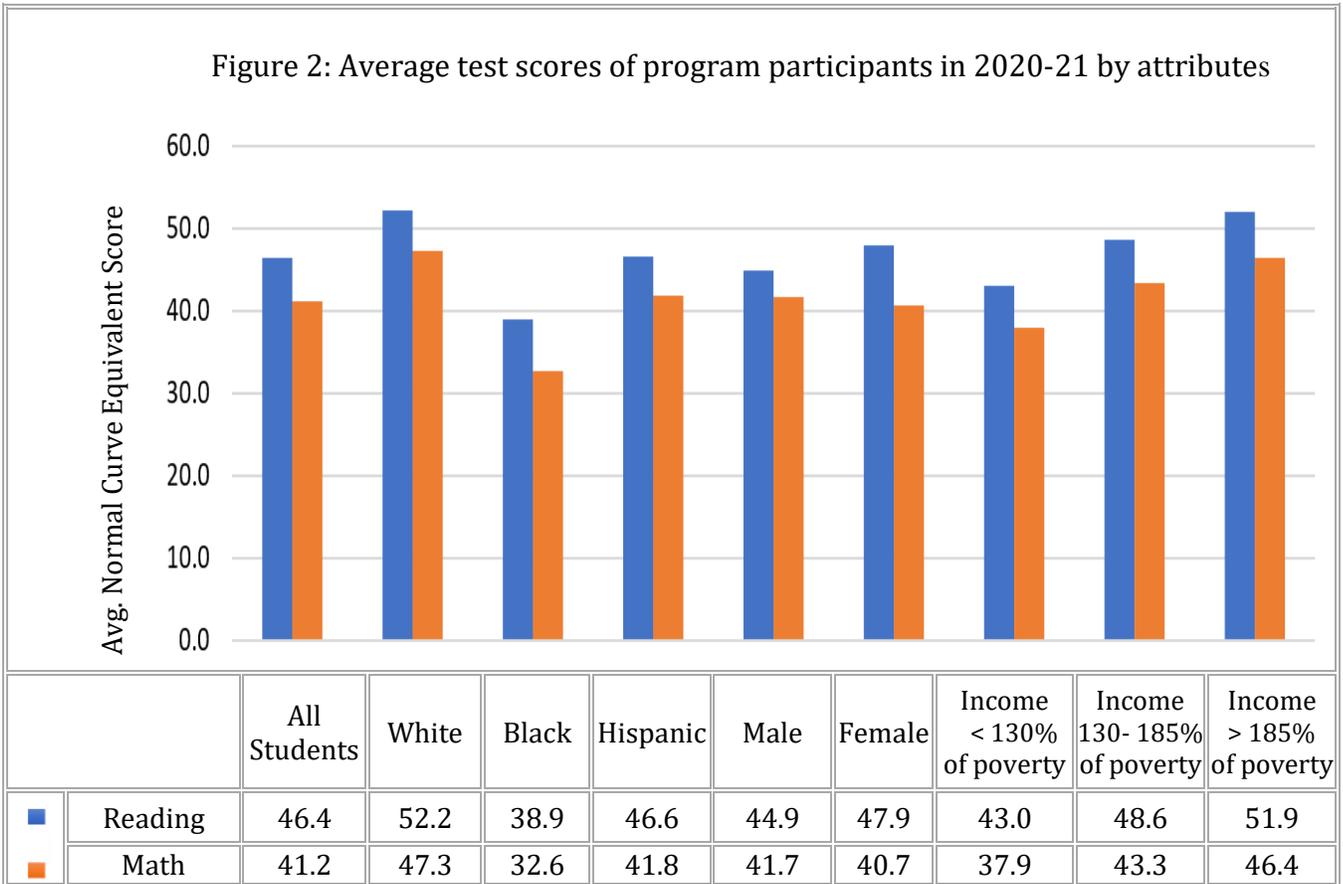


Average test scores in 2020-21 by attributes of program participants

We provided a breakdown of test scores of 2020-21 program participants by race/ethnicity, gender, and family income. Family income is expressed in terms of likely eligibility for the federal free or reduced lunch program based upon self-reported income collected from the Scholarship Funding Organizations (SFOs).³ Students from families who have incomes below 130 percent of the federal poverty line are eligible for free school meals, while those from families with incomes between 130 and 185 percent of the poverty line are eligible for reduced-price meals.

³ LSI used data from the SFOs for these analyses.

Figure 2: Average test scores of program participants in 2020-21 by attributes



As seen in Figure 2, white participants had higher mean scores than black and Hispanic participants. While mean scores of males are slightly higher than that of females in math, females tended to perform better than males did in reading. Lastly, relatively higher-income families tended to score better than relatively lower-income families. In general, these trends are similar to the trends found in previous years.

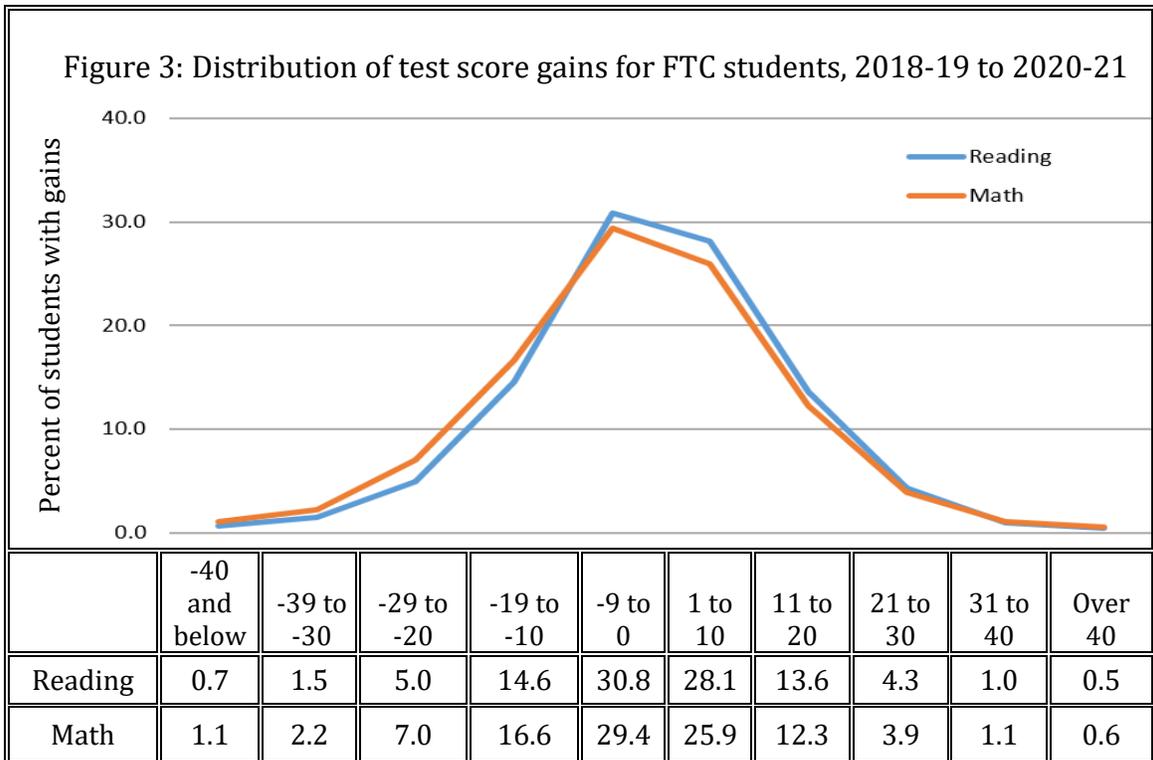
4. GAIN SCORES FROM 2018-19 TO 2020-21

Test score gains for FTC students

Test score gains for FTC students are calculated as required by the 2021 Florida Statutes, s. 1002.395(9)(f). Due to the Florida Department of Education’s

Emergency Order (DOE Order No. 2020-E0-01) waiving the 2019-20 statewide assessment requirements, we used the most recent data available to us, which was from the 2018-19 academic year.

Gain scores can be interpreted as changes in normal curve equivalent scores for program participants from 2018-19 to 2020-21 since test scores in both years are measured in terms of normal curve equivalent scores. We should note that this analysis is vulnerable to ceiling effects (where students whose scores were high in 2018-19 cannot gain much more) and floor effects (where students whose scores were low in 2018-19 cannot lose much more ground). Ceiling and floor effects were of less concern for students whose initial score falls in the middle portions of the initial test score distributions, which was the case for the majority of students participating in the FTC Scholarship Program.



Gain scores were calculated for 28,539 FTC students with legible reading scores and 28,492 FTC students with legible math scores in both 2018-19 and 2020-21. Figure 3 presents the basic distribution of reading and math gain scores of FTC students participating in the program in 2020-21. While most of the students were in the middle of the gain score distributions, considerable variation in the individual student gain scores was observed. The mean gain score for FTC students was -0.2 normal curve equivalent in reading and -1.6 normal curve equivalent in math. The normal curve equivalent score corresponds to about a 0.8 national percentile rank score in reading and a -1.7 national percentile rank score in math. This means that the typical FTC student tended to maintain his or her relative position in comparison with others nationwide. It is important to note that these national comparisons pertain to all students nationally, and not just students from low-income families. However, we cannot make any claims about whether gain scores of FTC students would have been higher or lower if they were compared against only students from low-income families nationally.

School-level differences in average gain scores, 2018-19 to 2020-21

We calculated average gain scores from 2018-19 to 2020-21 at the school level as well. Individual level variation in the gain scores examined in the preceding section was composed of both individual and school level differences. By using gain scores aggregated to the school level, we examined the variation in gain scores across schools.

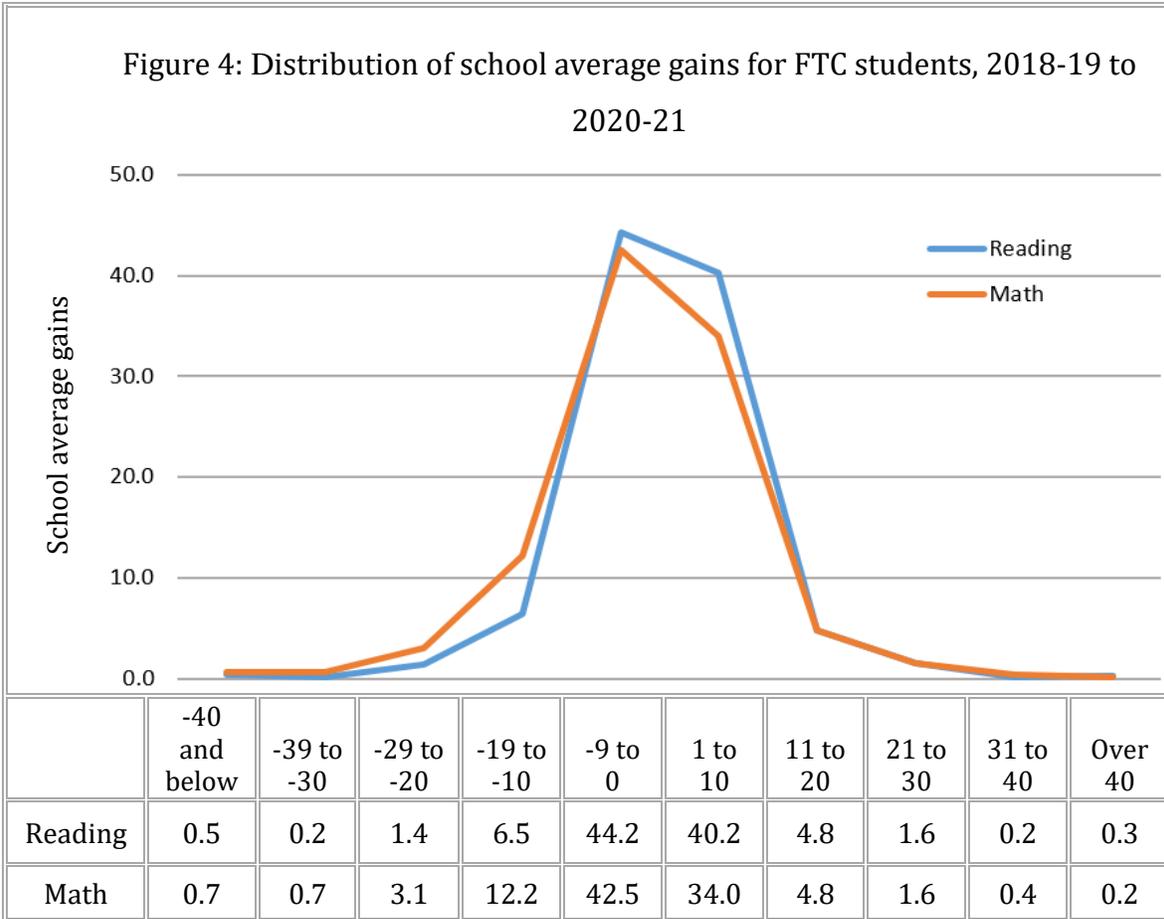
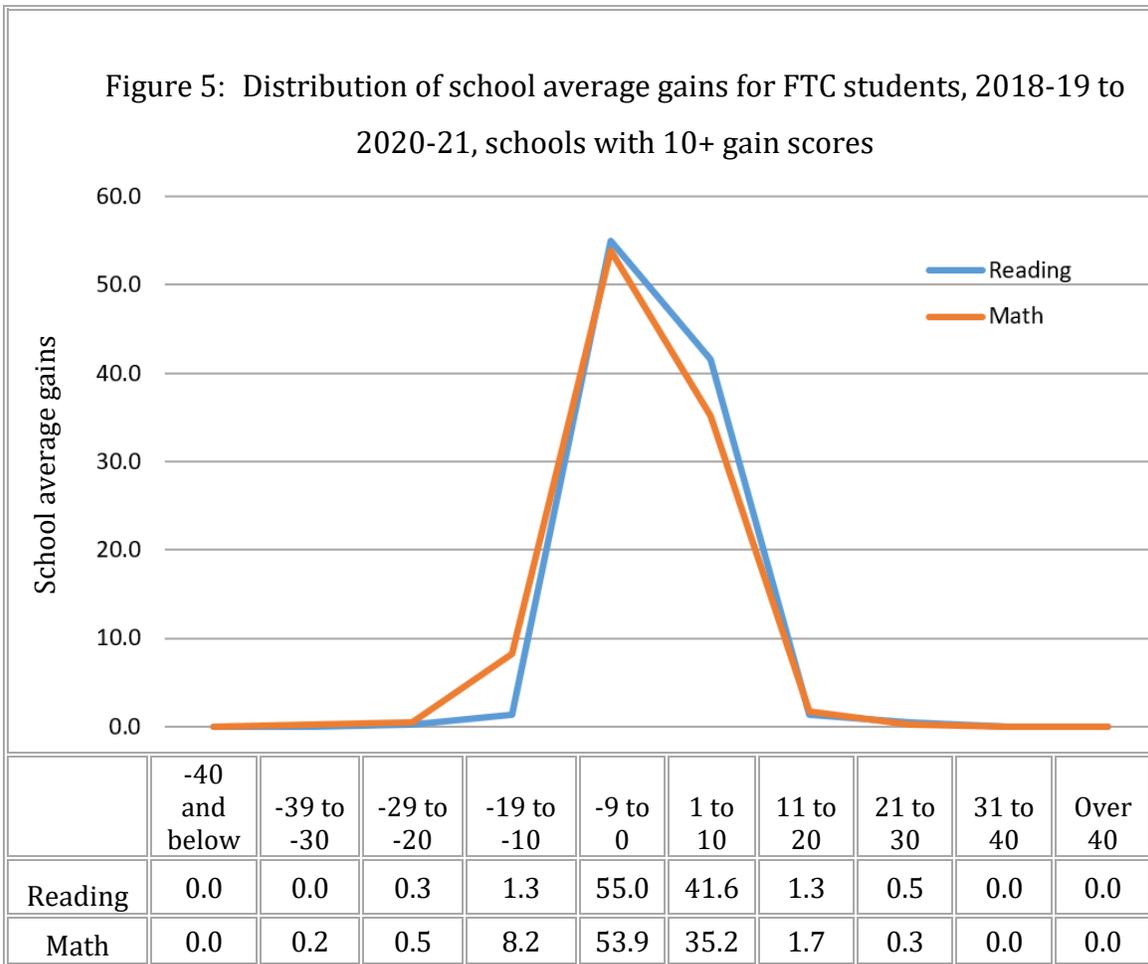


Figure 4 presents the basic distribution of school average reading and math gain scores for FTC students participating in the program in 2020-21. The average gain scores were concentrated in the middle of the distribution. Of the average gain scores, 84.4 percent of the schools had an average gain score in reading between -10 to 10 points. In math, although relatively less average gain scores were concentrated in the middle of the distribution compared to reading, the majority of the scores (76.5 percent) were still between -10 to 10 points.



It is important to note that observed between-school variation in Figure 4 doesn't reflect "true" school-level differences since noise in individual test scores is still manifested as part of the school-level average gain scores. The degree to which school-average gains reflect "true" school effects increases as the number of students in the school increases. For example, when we looked at the same distribution only including schools with more than ten FTC students, the distribution of school-average gains became more compressed. As can be seen in Figure 5, 96.6 percent of school average gains in reading and 89.1 percent of school average gains in math were between -10 to 10 points. In Figure 4, these numbers were 84.4 percent and 76.5

percent, correspondingly. These findings suggest that there was a non-trivial contribution of the noise to the between-school variability observed in Figure 4, especially in reading.

Individual school average gain scores, 2018-19 to 2020-21

We calculated average gain scores for schools with 30 or more participating students as required by the relevant Florida statutes. It is important to note that average gain scores are not a definitive measure of a school's performance. They only serve as one among many other indicators of a school's performance.

The average gain score for a school in a single year can be an extremely noisy measure of a school's contribution to student test scores. As discussed in the previous section, this measure is less reliable for schools where a small number of students contribute to the average school gain score. As the number of students gets smaller in a given school, the likelihood of noise dominating the average gain score increases. Examining average gain scores only for schools with 30 or more participating students increased the likelihood of getting a more precise measure of average gain scores of individual schools.

In addition to the average gain scores for 2020-21, we also calculated average gain scores over three years from 2017-18 through 2020-21. This added extra observations for schools and hence provided more accurate average gain scores for individual schools. Moreover, school gain scores calculated by a three-year moving average of gain scores is less likely driven by "regression to the mean" compared to one-year average gain scores. Regression to the mean is the phenomenon that if a variable, such as a test score, is extreme on its first measurement, it will tend to be

closer to the average on its second measurement and, if it is extreme on its second measurement, it will tend to have been closer to the average on its first. In this context, if a school had particularly high average scores in 2018-19, the likelihood of observing a negative average gain score for that school in 2020-21 increases. On the other hand, if a school had particularly low average scores in 2018-19, the likelihood of observing a positive average gain score in 2020-21 for that school increases. Using average gain scores across the last three years balances out particularly positive and particularly negative scores over time, and thus helps to lessen the likelihood of making faulty inferences driven by regression to the mean. The risk of having faulty observed results due to regression to the mean is another reason to treat one-year average gain scores for individual schools extremely cautiously.

Average gain scores for the 334 schools that submitted valid test scores for 30 or more students in both 2018-19 and 2020-21 are reported in the Appendix. Gain scores are reported for reading, math, and combined reading and math (by averaging schools' average reading and math scores) for 2020-21 as well as for the last three years' average. Since a three-year moving average is a more reliable measure of a school's average gain scores than one year's gain scores, we based inferences on the three-year average gain scores. We identified schools with average gain scores that are statistically distinguishable from zero (at the 95 percent confidence level in a two-tailed test). We highlighted the cells if the three years average gain score—either positively or negatively—was statistically significant from zero.

When interpreting gain scores, one should keep in mind that an average gain score of zero means that, on average, students in that school are maintaining their

position relative to the national distribution. It doesn't mean that students in that school are not gaining. If a school has statistically positive average gain, it means that, on average, students in that school improved their position in the national distribution (with 95% certainty). If a school has statistically negative average gain, it means that, on average, students in that school worsened their position in the national distribution (with 95% certainty).

5. ATTRIBUTES OF NEW PROGRAM PARTICIPANTS IN 2020-21

Previous reports noted that newly participating FTC students tended to be lower achieving and more disadvantaged than students who were eligible for the program but did not participate. We examined attributes of new FTC students in 2020-21 in order to see whether they were systematically different from eligible non-participant students before participating in the FTC Program in 2020-21 as well.

In order to make plausible comparisons among students who spent the 2018-19 academic year in Florida public schools, we compared students who entered the FTC Scholarship Program in 2020-21 to subsidized school meal eligible students who did not enter the program in that year but stayed free or reduced-price lunch eligible in 2020-21. We excluded students with disabilities who could participate in the McKay Scholarship Program. We limited the analysis to students who had taken either a reading or math test in public school in 2018-19. We also restricted analysis to students who would be in grade 10 or below in 2020-21.⁴ With these criteria, we

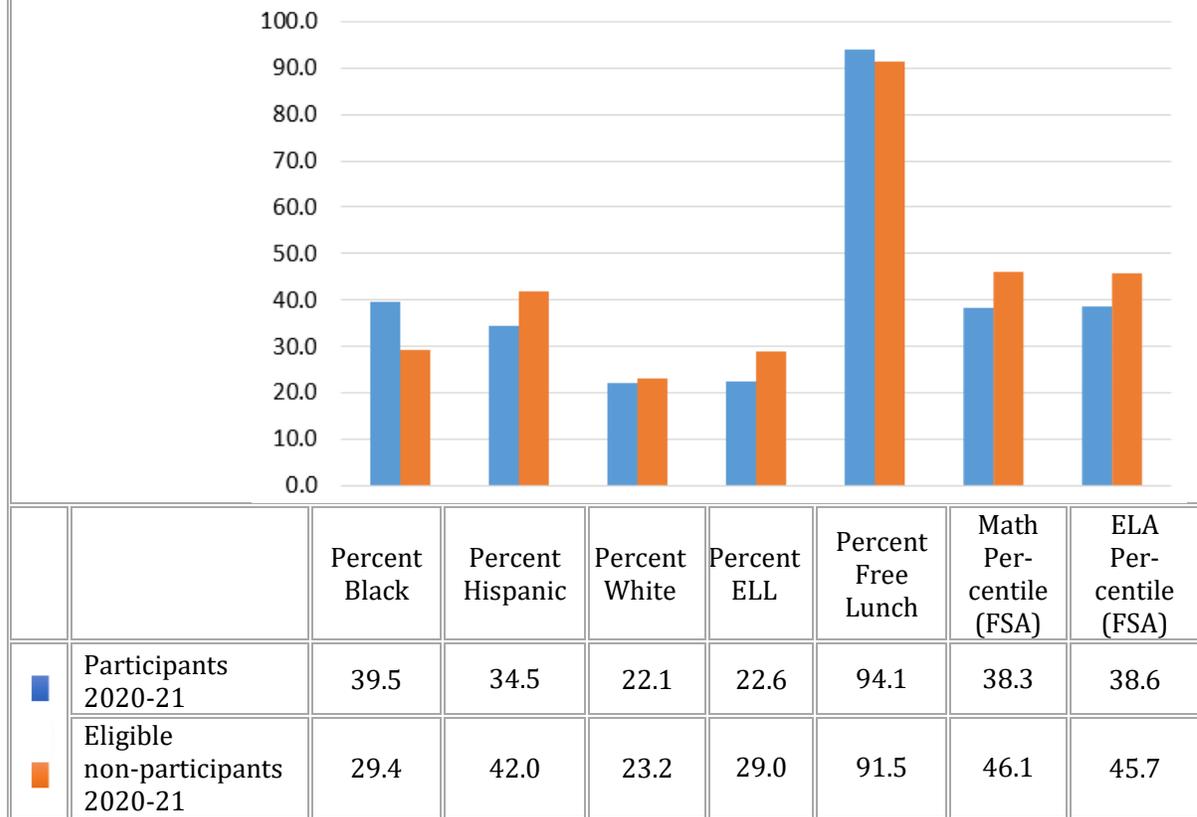
⁴ Students who were in grades 9 and 10 in 2018-19 are excluded since they are not tested in 2020-21.

compared 5,456 new students in the FTC Scholarship Program in 2020-21 to 533,676 students who remained in the public schools and continued on subsidized school lunches in 2020-21. We used FDOE records for these comparisons.

Comparison of characteristics of new FTC students and non-participant students

Newly participating FTC students in 2020-21 were more likely to be black and less likely to be Hispanic or white than students who were eligible but did not participate as seen in Figure 6. Also, they were slightly less likely to be English-language learners (ELL) than were non-participants. While both new FTC students and non-participant students were eligible for subsidized lunch in the 2018-19 school year, the share of new FTC students who were free-lunch eligible was somewhat higher than the share of free-lunch eligible, non-participant students. Lastly, compared to eligible non-participant students, new FTC students had poorer test performance both in ELA and math before entering the FTC Program.

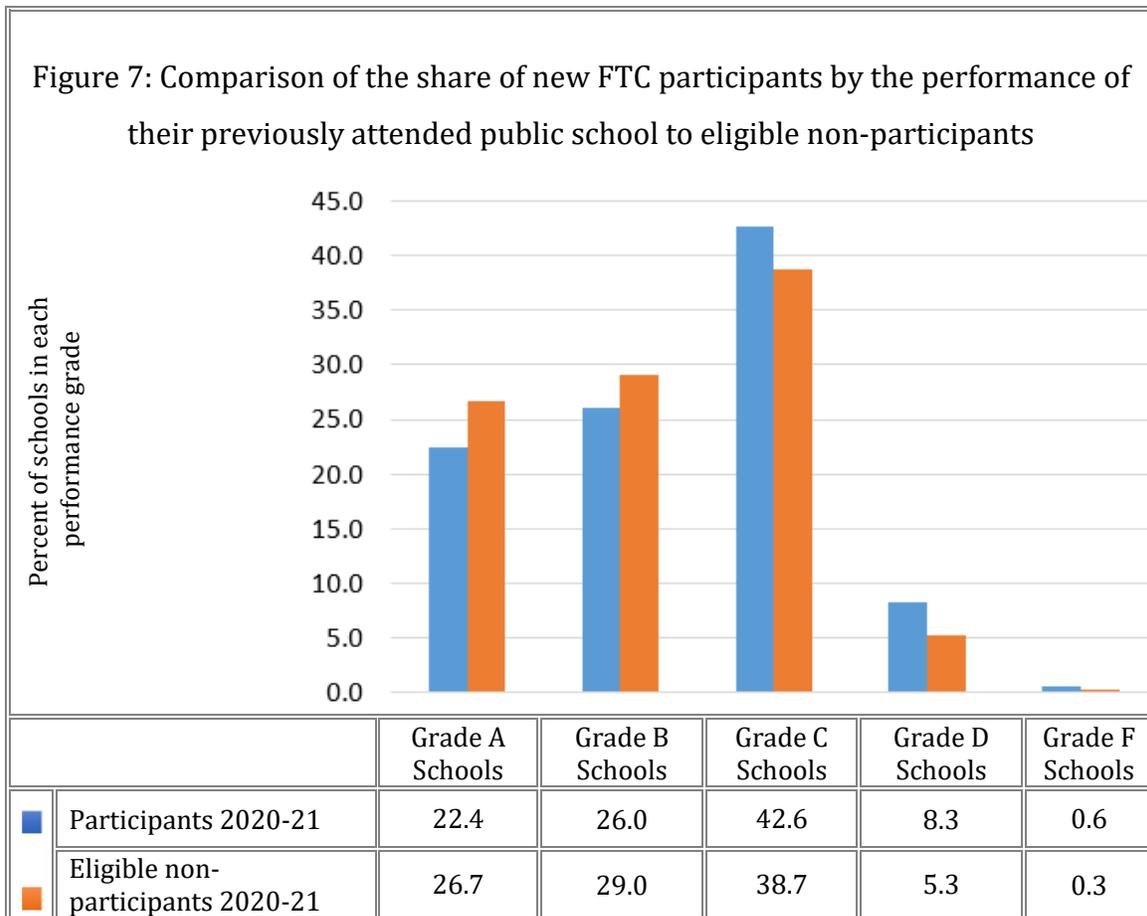
Figure 6: Comparison of prior year characteristics of new FTC students to "income eligible" non-participant students, 2020-21



Comparison of new FTC students and non-participant students in terms of performance of their schools in 2018-19

In Florida, each public school is assigned a school grade (A-F) based on student performance. We compared new FTC students and eligible non-participant students in terms of the performance of the schools that they attended in the 2018-19 school year. We observed that the percentage of new FTC students who came from high performing public schools is lower than the percentage of eligible non-participant students. On a scale of A-F, with A being the highest performing schools, 22.4 percent of new FTC students were in schools graded "A", before attending a school in the FTC

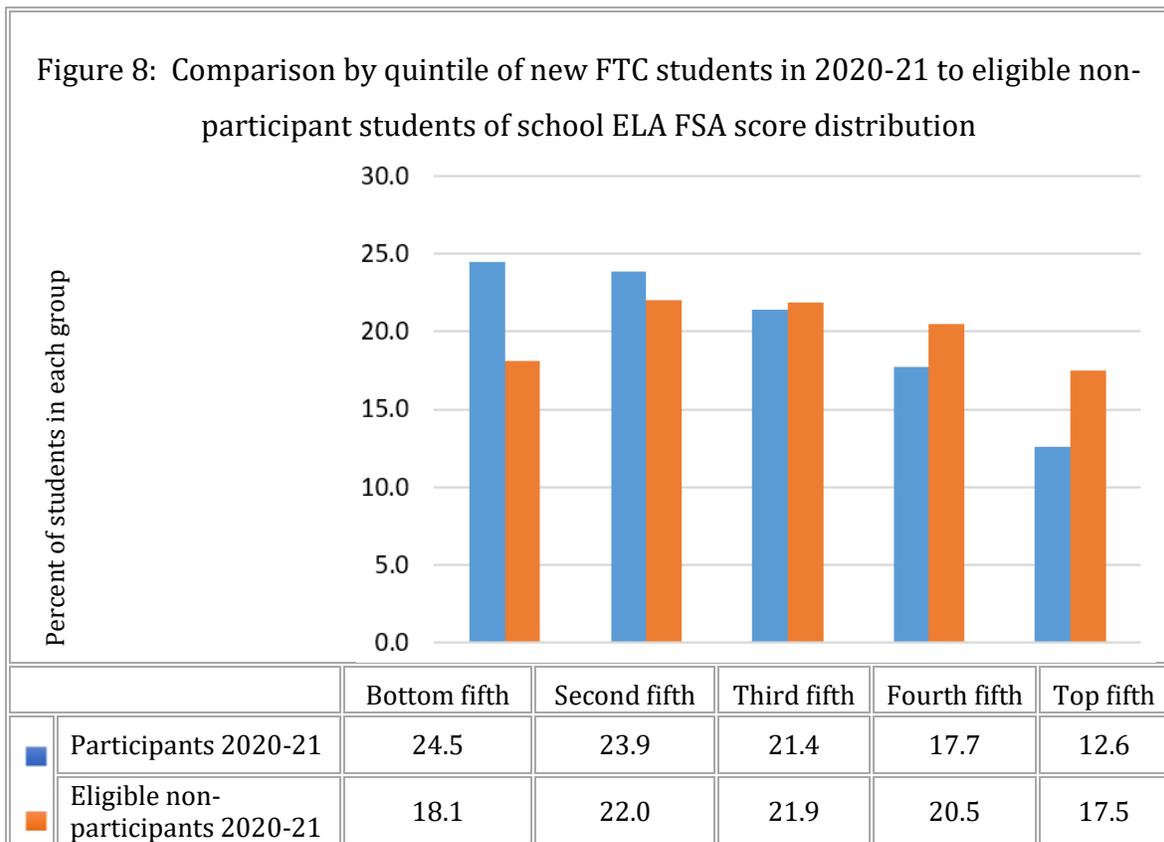
Program, while 26.7 percent of eligible non-participant students were in schools graded “A” in the 2018-19 school year. At the other end of the spectrum, 8.9 percent of new FTC students were in schools graded "D" or "F", as compared with 5.6 percent of eligible non-participant students who were in schools graded "D" or "F" (see Figure 7).



Comparison of new FTC students and non-participant students within their schools in terms of performance in 2018-19

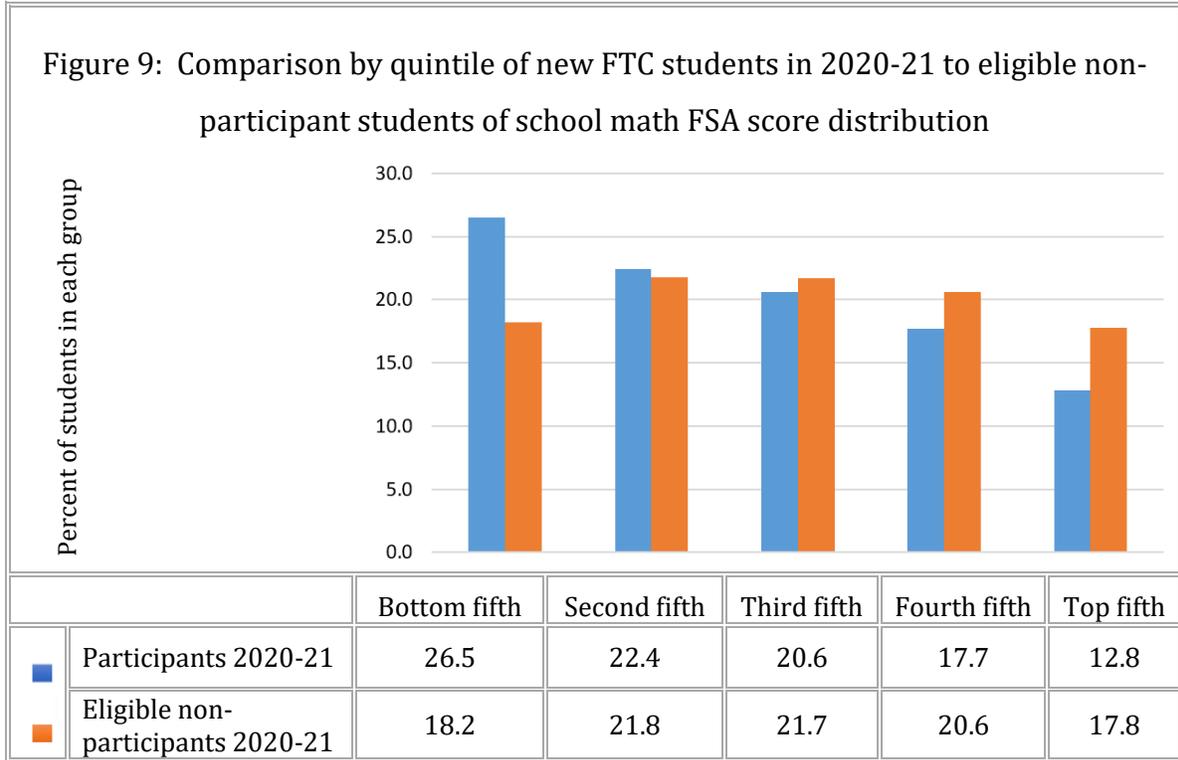
We also examined new FTC students’ performance relative to eligible non-participant students in their own schools before entering the FTC Program. In the

previous years, FTC students were more likely to be low performing students in their schools before attending the program regardless of the performance of the school that they were in. A similar pattern was observed this year (see Figure 8). The percentage of new FTC students in the bottom fifth of their prior public school's ELA FSA test score distribution was higher (24.5 percent) than non-participating students (18.1 percent). At the top fifth of the distribution, as observed in the previous years, the percentage of new FTC students was lower (12.6 percent) compared to non-participating students (17.5 percent).



For the math FSA test score distribution, 26.5 percent of new FTC students were in the bottom fifth of their prior public school's math distribution, while 18.2 percent of non-participating eligible students were in the bottom fifth of the

distribution. At the top of the math test score distribution, 12.8 percent of new FTC students were in the top fifth of the distribution, as compared with 17.8 percent of eligible non-participating students in the top fifth of the distribution (see Figure 9).



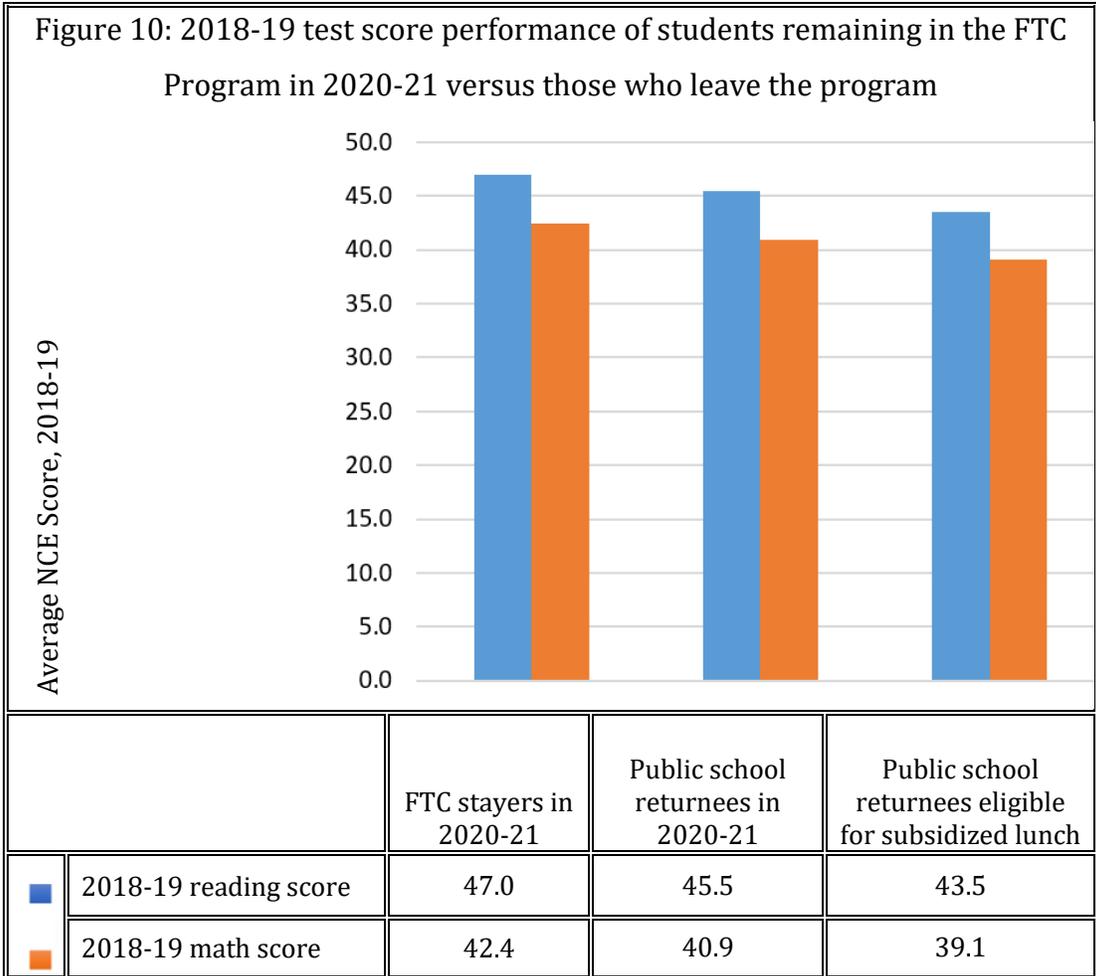
Findings regarding the attributes of new program participants suggest that new FTC students in 2020-21 – compared to subsidized lunch eligible, non-participant students – were relatively lower-performing prior to entering the FTC Program. Moreover, they were more likely to come from low performing public schools and less likely to be high performing students in their prior public schools before attending the program.

6. PERFORMANCE OF PROGRAM PARTICIPANTS WHO RETURN TO FLORIDA PUBLIC SCHOOLS

In this section we compared FTC students who returned to public schools in 2020-21 after participating in the FTC Program to those who remained in the FTC Program in 2020-21. We also compared program returnees to Florida public school students who never left the public schools. It is important to note that one cannot make any claims about the effects of participation in the FTC Program based on these comparisons, as there are likely factors beyond FTC participation that may influence students' performance. These comparisons only provide additional insights about the performance of the students who participate in the FTC Program.

Comparison of 2018-19 performance of public school returnees and FTC stayers in 2020-21

We first compared FTC students who returned to the public school system in Florida in 2020-21 to those who remained in private schools under the FTC Program in terms of their national norm-referenced test performance in 2018-19. The typical student who left the program scored at the 45.5th normal curve equivalent in reading and 40.9th normal curve equivalent in math in 2018-19, while the typical FTC student who remained in the program in 2020-21 scored at the 47.0th normal curve equivalent in reading and the 42.4th normal curve equivalent in math (See Figure 10).



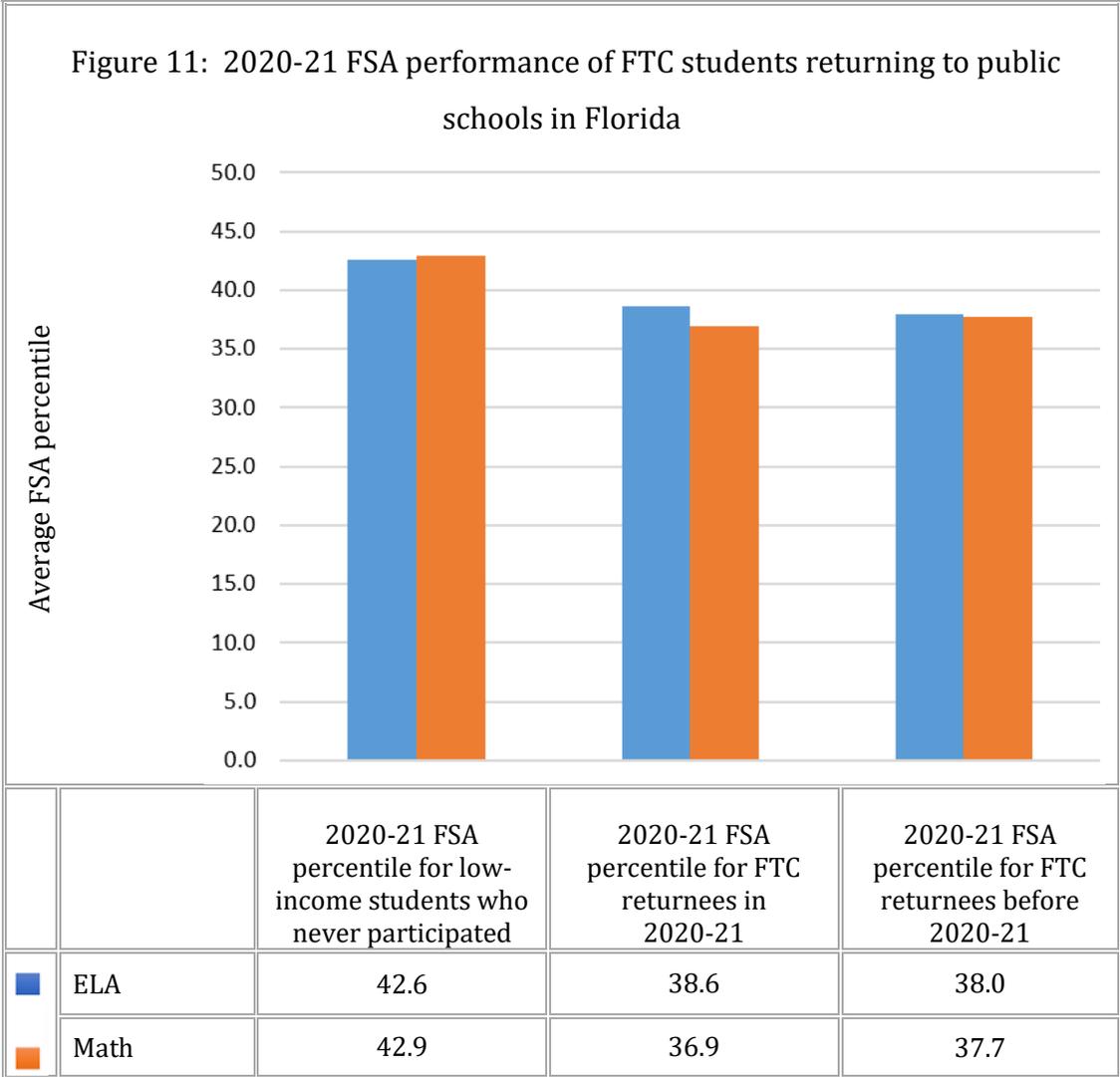
This finding can be an understatement of the difference between these two groups, since all students who remained in the FTC Program were still income-eligible to participate while some students who left the program may not have met eligibility criteria anymore in 2020-21. In order to have more comparable groups in terms of income range, we limited the public school returnees to those participating in the National School Lunch Program in 2020-21. We found that the average returnee who is free/reduced lunch eligible in 2020-21 scored at the 43.5th normal curve equivalent in reading and scored at the 39.1st normal curve equivalent in math in

2018-19, which was somewhat lower than the performance of all returnees as expected.

These findings suggest that as lower-performing public school students are more likely to leave public schools to attend a private school under the FTC Program, FTC students who struggle in private schools are somewhat more likely to return to the public schools. This is consistent with previous years' observations.

Comparison of 2020-21 FSA performance of public school returnees and low income public school students

Next, we compared the performance of FTC students who returned to the public schools to the performance of subsidized meal-eligible public school students who never participated in the FTC Program. As can be seen in Figure 11, FTC Program participants who return to the public schools performed worse on the FSA than did other subsidized meal recipients who never participated in the FTC Program. The difference is particularly large for FTC returnees in 2020-21, who performed at the 38.6th Florida percentile in ELA and 36.9th Florida percentile in math while public school students who never participated in the FTC Program performed at the 42.6th Florida percentile in ELA and 42.9th Florida percentile in math in 2020-21.



As we mentioned before, based on these comparisons one cannot make any claims about the effects of participation in the FTC Program since evidence suggests that FTC students who returned to the public schools in 2020-21 and public school students who never participated in the FTC Program represent two different populations of students. Findings indicated that poorly performing public school students are more likely to participate in the program in the first place. Moreover, FTC students who return to public schools tend to be those who are performing worse

than the average FTC student. Based on these observations, we cannot associate poor performance of FTC returnees with possible negative effects of the FTC Program on participating students.

7. CONCLUSION

This report shares findings on the compliance and performance of private schools that participated in the Florida Tax Credit Scholarship Program in 2020-21. Compliance with program testing requirements was high in 2020-21. Private schools reported test scores for 89.0 percent of program participants in grades 3-10.

FTC students scored at the 46.4th normal curve equivalent in reading and the 41.2nd normal curve equivalent in math in 2020-21, which corresponds to the 45.5th national percentile in reading and the 38.0th national percentile in math. In terms of gains in math and reading from 2018-19 to 2020-21, the typical FTC student tended to maintain his or her relative position in comparison with all students nationally both in math and reading. It is important to note that these comparisons pertain to all students nationally, and not just students from low-income families. However, we cannot make any claims about whether gain scores of FTC students would have been higher or lower if they were compared against only students from low-income families nationally.

As in prior years, lower-performing public school students eligible for the FTC Program were more likely to attend a private school under the FTC Program and FTC students who struggle in these schools were more likely to return to the public

schools. FTC students who returned to the public schools in Florida had substantially lower test scores than other subsidized meal-eligible public school students who never participated in the FTC Program. However, based on the available evidence, poor performance of FTC returnees cannot be associated with possible negative effects of the FTC Program on participating students. Given selection of students into and out of the FTC Program, the former FTC students who returned to public schools would have been expected to perform more poorly than the typical low-income public school students.

APPENDIX

Appendix Table: Average gain scores in 2020-21 and three-year moving average of gain scores from 2017-18 to 2020-21 for schools with 30 or more students with gain scores in 2020-21.

Notes: Cells report average gain scores. We shade cells where the difference between an individual school’s three year moving average gain score is statistically significant from zero (at the 95 percent confidence interval).

These school-level gain scores are not intended to be a comprehensive analysis of school performance.

As noted in the main body of this report, average gain scores are not a definitive measure of a school’s performance. They only serve as one among many other indicators of a school’s performance. The average gain score for a school in a single year can be an extremely noisy measure of a school's contribution to student test scores. This measure is less reliable for schools where a small number of students contribute to the average school gain score. As the number of students gets smaller in a given school, the likelihood of noise dominating the average gain score increases. For this reason, we also compute the three-year moving average gain score. However, when interpreting gain scores, one should keep in mind that an average gain score of zero means that, on average, students in that school are maintaining their position in the national distribution. It doesn’t mean that students in that school are not gaining.

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
ABUNDANT LIFE CHRISTIAN ACADEMY	MARGATE	105	150	-93	-2.72	.86	-1.27	-1.90	-.64
ACADEMY PREP CENTER OF ST. PETERSBURG	ST. PETERSBURG	49	64	-.41	5.06	-5.86	-.46	3.46	-4.40

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
ACADEMY PREP CENTER OF TAMPA INC.	TAMPA	47	61	-8.18	-9.34	-7.01	-6.53	-6.83	-6.21
ADVANCE ACHIEVERS ACADEMY	FLORIDA CITY	94	143	1.15	4.08	-1.77	.15	2.74	-2.45
ADVENTURE CHRISTIAN ACADEMY	TAVARES	36	49	1.57	-1.40	4.53	.86	-.79	2.52
AL-FURQAN ACADEMY	JACKSONVILLE	42	61	-1.18	-1.28	-1.07	-.22	-.05	-.39
ALAZHAR SCHOOL	TAMARAC	55	84	-1.89	-3.15	-.64	-2.05	-2.71	-1.38
ALETHEIA CHRISTIAN ACADEMY	PENSACOLA	44	68	-.96	-.42	-1.66	-.49	.02	-1.17
ALL SAINTS CATHOLIC SCHOOL	SUNRISE	35	46	-.66	1.67	-3.00	.78	2.60	-1.04
ALL SAINTS' ACADEMY	WINTER HAVEN	31	51	-6.97	-8.22	-5.08	-3.99	-3.57	-3.81
ALTAMONTE CHRISTIAN SCHOOL	ALTAMONTE SPRINGS	51	84	-8.98	-3.98	-12.98	-6.11	-2.39	-9.15
AMERICA'S CHRISTIAN FUTURE PRESCHOOL ELEM	HIALEAH	50	68	-2.16	-3.60	-.27	-2.07	-3.25	-.58

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
AMERICAN CHRISTIAN SCHOOL ART CENTER	HIALEAH	40	69	-3.34	-.35	-6.32	-6.33	-3.32	-9.35
AMERICAN YOUTH ACADEMY INC.	TAMPA	177	258	2.23	1.23	3.38	1.71	1.49	1.92
ANNUNCIATION CATHOLIC SCHOOL	MIDDLEBURG	40	50	-1.66	1.21	-4.53	-.26	2.31	-2.83
ANNUNCIATION SCHOOL	WEST HOLLYWOOD	38	57	-.86	-.59	-1.14	1.17	1.29	1.04
APOPKA CHRISTIAN LEARNING ACADEMY INC.	APOPKA	32	51	3.67	2.96	4.38	2.79	3.45	2.14
ARCHBISHOP EDWARD A. MCCARTHY HIGH SCHOOL	SOUTHWEST RANCHES	85	191	-10.01	-4.14	-15.89	-2.04	.01	-4.09
ASSUMPTION CATHOLIC SCHOOL	JACKSONVILLE	36	51	-.47	2.09	-3.04	.40	2.20	-1.41
ATLANTIC CHRISTIAN ACADEMY OF THE PALM BEAC	WEST PALM BEACH	79	124	1.79	-.34	3.92	.50	-.54	1.54
AVANT SCHOOL OF EXCELLENCE	FLORIDA CITY	60	82	4.27	5.16	3.31	2.82	4.36	1.64

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
BEREAN CHRISTIAN SCHOOL	WEST PALM BEACH	47	86	-7.39	-.63	-12.97	-4.01	-1.97	-5.44
BETESDA CHRISTIAN SCHOOL	OPA LOCKA	42	65	-4.03	-.76	-7.31	-3.12	-1.15	-5.09
BETH JACOB HIGH SCHOOL INC.	NORTH MIAMI BEACH	96	159	-1.16	.11	-2.66	-2.49	-1.00	-4.14
BETHLEHEM JUNIOR ACADEMY	TAMARAC	30	38	-4.87	-3.34	-6.41	-3.90	-1.81	-5.99
BISHOP JOHN J. SNYDER HIGH SCHOOL	JACKSONVILLE	53	107	-8.96	-4.68	-13.24	-3.05	-.40	-5.70
BISHOP KENNY HIGH SCHOOL	JACKSONVILLE	104	203	-10.83	-6.60	-15.06	-3.25	-.79	-5.71
BISHOP LARKIN CATHOLIC SCHOOL	PORT RICHEY	30	40	-4.48	-5.20	-3.76	-2.79	-3.81	-1.77
BISHOP MOORE CATHOLIC HIGH SCHOOL	ORLANDO	109	196	-11.65	-7.57	-15.72	-4.42	-2.35	-6.49
BLESSED TRINITY	OCALA	75	104	-1.63	-2.39	-.87	-.17	-.25	-.09
BLESSED TRINITY CATHOLIC	JACKSONVILLE	30	44	-.23	-2.56	2.11	2.26	1.36	3.15
BOCA RATON CHRISTIAN SCHOOL	BOCA RATON	77	135	.14	.57	-.29	-.13	.04	-.22

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
BRADENTON CHRISTIAN SCHOOL	BRADENTON	61	91	-3.98	-1.37	-6.60	-2.48	-1.27	-3.69
BROWARD JUNIOR ACADEMY	PLANTATION	61	91	.51	2.74	-1.72	-.27	1.89	-2.43
BRUSH ARBOR CHRISTIAN SCHOOL	ORLANDO	41	62	-2.75	.65	-6.15	-3.78	-1.19	-6.38
CALVARY CHAPEL ACADEMY	WEST MELBOURNE	54	77	-.88	-1.04	-1.01	-.25	-1.72	.63
CALVARY CHRISTIAN ACADEMY	ORMOND BEACH	91	134	4.42	4.14	4.87	1.67	1.98	1.46
CALVARY CHRISTIAN ACADEMY	FT LAUDERDALE	139	245	1.17	3.72	-1.22	.51	2.24	-1.10
CALVARY CHRISTIAN ACADEMY	FORT WALTON BEACH	36	55	2.82	3.84	1.79	.06	1.21	-1.09
CALVARY CHRISTIAN ACADEMY HOLLYWOOD	HOLLYWOOD	83	142	-.47	.17	-1.09	-1.74	-.40	-3.07
CALVARY CHRISTIAN HIGH SCHOOL	CLEARWATER	37	69	-8.06	-2.22	-13.64	-3.88	-.99	-6.53
CALVARY CITY CHRISTIAN ACADEMY PRESCHOOL	ORLANDO	111	165	.16	-.94	1.27	-.25	-.34	-.16

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
CAMBRIDGE CHRISTIAN SCHOOL	TAMPA	36	53	-.36	-.60	-.11	-.04	-.17	.08
CANDLELIGHT CHRISTIAN ACADEMY	LAKE WALES	39	59	-2.07	-1.77	-2.38	-.42	-.43	-.40
CARDINAL NEWMAN HIGH SCHOOL	WEST PALM BEACH	35	74	-14.01	-8.72	-19.29	-3.99	-1.36	-6.62
CEDAR CREEK CHRISTIAN SCHOOL	JACKSONVILLE	56	91	5.35	2.40	8.30	1.98	.82	3.14
CEDAR HILLS BAPTIST CHRISTIAN SCHOOL	JACKSONVILLE	34	44	-7.73	-5.28	-10.18	-6.97	-4.29	-9.66
CENTRAL BAPTIST CHRISTIAN SCHOOL	BRANDON	49	83	1.50	3.95	-.95	1.34	2.84	-.15
CENTRAL FLORIDA CHRISTIAN ACADEMY	ORLANDO	46	83	-.64	.80	-2.65	-1.20	-.14	-2.59
CENTRAL POINTE CHRISTIAN ACADEMY	KISSIMMEE	49	71	.21	2.83	-2.40	-1.16	1.49	-3.81
CENTRAL POINTE CHRISTIAN ACADEMY POINCIANA	KISSIMMEE	59	101	-2.46	-.37	-4.56	-2.06	.69	-4.89
CENTRAL POINTE CHRISTIAN HIGH SCHOOL	KISSIMMEE	32	55	.90	.16	1.65	-.65	.61	-1.90
CHAMINADE-MADONNA COLLEGE PREPARATORY	HOLLYWOOD	37	73	-9.75	-2.87	-16.63	-2.97	.01	-5.94

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
CHATMAN'S CHRISTIAN ACADEMY	JACKSONVILLE	36	53	-4.59	-1.64	-7.53	-4.25	-2.21	-6.29
CHILDREN'S RAINBOW DAYSCHOOL ACADEMY	GOULDS	30	46	1.83	2.64	1.02	-.67	.69	-2.02
CHRIST THE KING CATHOLIC	JACKSONVILLE	34	43	3.08	4.19	1.96	2.31	3.04	1.58
CHRISTIAN HERITAGE ACADEMY	JACKSONVILLE	37	61	-1.47	1.67	-4.60	-4.55	-1.28	-7.81
CHRISTOPHER COLUMBUS HIGH SCHOOL	MIAMI	78	171	-4.40	-5.30	-4.13	.54	-.23	1.11
CLASSICAL CHRISTIAN SCHOOL FOR THE ARTS INC.	PINELLAS PARK	31	49	-1.36	.02	-2.74	-3.10	-.88	-5.32
CLEARWATER CENTRAL CATHOLIC HIGH SCHOOL	CLEARWATER	44	78	-1.49	1.62	-4.09	.87	2.84	-.74
COLONIAL CHRISTIAN SCHOOL	HOMESTEAD	71	107	-.32	-.37	-.26	-.94	.19	-1.80
COMMUNITY CHRISTIAN SCHOOL	PORT CHARLOTTE	74	120	-5.63	-3.30	-7.97	-3.26	-1.96	-4.55
COMMUNITY CHRISTIAN SCHOOL	BRADENTON	50	71	2.13	1.19	3.07	1.63	1.35	1.90

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
CORNERSTONE CHRISTIAN SCHOOL	JACKSONVILLE	70	114	3.40	3.12	3.67	1.93	1.96	1.89
COUNTRYSIDE CHRISTIAN SCHOOL	GAINESVILLE	53	83	3.59	-.44	7.63	.60	-1.40	2.59
COVENANT CHRISTIAN SCHOOL	PALM BAY	35	58	-11.51	-8.06	-15.28	-7.77	-6.11	-9.51
CUTLER RIDGE CHRISTIAN ACADEMY	MIAMI	37	51	-3.50	-1.28	-5.73	-2.61	.01	-5.24
DELTONA CHRISTIAN SCHOOL	DELTONA	48	77	1.25	1.21	1.29	.05	.92	-.81
DIAMOND MINDS TRANSFORMATIONAL LEADERSHIP A	MIAMI	33	41	-4.49	-11.17	2.19	-3.66	-9.45	2.13
DISCOVERY MONTESSORI ACADEMY CORP	HOMESTEAD	32	41	3.97	8.24	-.31	4.23	8.72	-.26
DIVINE SAVIOR LUTHERAN ACADEMY	DORAL	49	87	-.72	-2.88	1.44	-1.02	-2.26	.22
DIXON SCHOOL OF ARTS AND SCIENCES	PENSACOLA	35	46	-.21	-.75	.32	-2.11	-1.83	-2.39

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
DOWNEY CHRISTIAN SCHOOL	ORLANDO	78	118	-.41	-3.31	2.48	-1.02	-2.52	.10
EAGLE'S VIEW ACADEMY	JACKSONVILLE	45	73	-3.71	-.74	-6.69	-3.78	-.94	-6.62
EAST HILL CHRISTIAN SCHOOL	PENSACOLA	52	74	-3.36	-.49	-6.22	-2.63	-.07	-5.19
EASTLAND CHRISTIAN SCHOOL	ORLANDO	74	130	-.23	.47	-.94	-2.19	-.10	-4.14
EDISON PRIVATE SCHOOL	HIALEAH	230	396	-3.91	.03	-7.84	-3.17	.42	-6.66
ELFERS CHRISTIAN SCHOOL	NEW PORT RICHEY	47	78	-3.19	-1.10	-5.28	-1.31	.82	-3.43
ELITE PREPARATORY ACADEMY	ORLANDO	51	82	1.59	-.08	3.30	.52	-.26	1.29
EVANGELICAL CHRISTIAN	FORT MYERS	48	67	.52	.99	.05	-1.32	-.46	-1.90
FAITH CHRISTIAN ACADEMY	ORLANDO	128	204	.36	.97	-.25	1.07	1.28	.85
FAITH OUTREACH ACADEMY	TAMPA	37	55	-.75	-3.41	1.91	-2.44	-3.94	-.94

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
FAMILY CHRISTIAN CENTER SCHOOL - CLERMONT	CLERMONT	59	90	-1.66	-1.62	-1.69	-1.35	-1.30	-1.36
FATHER LOPEZ HIGH SCHOOL	DAYTONA BEACH	51	101	-8.45	-9.14	-8.41	-2.42	-2.76	-2.34
FIRST ACADEMY-LEESBURG	LEESBURG	32	48	.29	1.49	-.90	-.58	.54	-1.70
FIRST ASSEMBLY CHRISTIAN SCHOOL DAYCARE	OCALA	100	162	1.23	.28	2.18	-.91	-.89	-.77
FIRST BAPTIST ACADEMY	HOLLYWOOD FL	33	54	-.53	-.16	-.91	.18	1.50	-1.53
FIRST BAPTIST CHRISTIAN ACADEMY	BUNNELL	61	100	-.08	3.01	-3.14	-.92	2.45	-4.29
FIRST CHRISTIAN ACADEMY	HIGH SPRINGS	31	50	1.02	2.64	-.60	.45	2.20	-1.30
FIRST COAST CHRISTIAN SCHOOL	JACKSONVILLE	119	167	-1.55	.38	-3.49	-1.94	.20	-3.99
FLORIDA CHRISTIAN SCHOOL	MIAMI	76	125	-6.11	-5.13	-7.08	-3.45	-2.26	-4.64
FLORIDA STATE CHRISTIAN ACADEMY	FORT PIERCE	122	225	1.65	.49	2.87	.40	.56	.34
FOREST CITY ADVENTIST SCHOOL	ORLANDO	46	71	.49	-.56	1.54	-.52	.05	-1.10

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
FOREST LAKE ACADEMY	APOPKA	73	136	-1.56	-3.95	.84	.06	-.70	.83
FOREST LAKE EDUCATION CENTER	LONGWOOD	88	123	3.44	-.07	6.95	1.58	.07	3.20
FOUNDATION ACADEMY	JACKSONVILLE	54	74	6.21	3.60	8.90	3.12	1.37	4.89
FOUNDATION CHRISTIAN ACADEMY	VALRICO	31	55	-1.51	-4.11	1.10	-2.08	-2.82	-1.34
FREEDOMLAND CHRISTIAN ACADEMY	KISSIMMEE	31	50	6.22	6.88	5.56	3.94	3.05	4.83
GARDEN OF THE SAHABA ACADEMY	BOCA RATON	39	67	2.21	4.74	-.32	-.19	1.46	-1.84
GATEWAY CHRISTIAN ACADEMY	TAMPA	31	44	-.64	1.21	-2.48	.44	2.21	-1.34
GLADES DAY SCHOOL	BELLE GLADE	36	55	3.12	2.32	3.93	-.34	.17	-.84
GLADEVIEW CHRISTIAN SCHOOL	MIAMI	35	53	-3.03	1.97	-8.03	-3.63	1.05	-8.30
GLENDALE CHRISTIAN SCHOOL	VERO BEACH	31	46	-.27	.43	-.98	-1.04	.06	-2.14
GOOD SHEPHERD CATHOLIC SCHOOL	ORLANDO	68	116	3.43	3.19	3.67	2.08	1.93	2.23
GOOD SHEPHERD CATHOLIC SCHOOL	MIAMI	50	74	-1.97	.80	-4.73	-.36	1.68	-2.40

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
GOOD SHEPHERD LUTHERAN SCHOOL	NORTH FORT MYERS	33	41	-1.91	1.04	-4.96	-0.91	1.90	-3.78
GRACE CHRISTIAN SCHOOL	VALRICO	37	48	-7.82	-5.01	-10.62	-6.51	-3.58	-9.44
GRACE CHRISTIAN SCHOOLS OF PASCO	HUDSON	40	67	3.68	4.29	3.07	-1.35	.90	-3.60
GREATER MIAMI ACADEMY	MIAMI	97	158	2.77	.01	5.53	2.36	1.54	3.17
GROWING TREASURES LEARNING CENTER 2	HIALEAH GARDENS	31	37	.13	3.79	-3.53	-1.21	2.76	-5.19
GUARDIAN CATHOLIC SCHOOL	JACKSONVILLE	75	114	2.54	3.38	1.70	2.53	3.15	1.92
GUNNERY ROAD CHRISTIAN ACADEMY	LEHIGH ACRES	31	40	1.71	-1.65	5.07	1.51	-1.42	4.43
HAMPDEN DUBOSE ACADEMY	ZELLWOOD	32	60	-1.89	1.19	-4.98	-1.35	.82	-3.52
HEARTLAND CHRISTIAN SCHOOL	SEBRING	37	50	-1.01	2.19	-4.35	-1.94	.60	-4.59
HEBREW ACADEMY COMMUNITY SCHOOL	MARGATE	85	125	2.59	2.22	2.95	-1.03	-.87	-1.18
HERITAGE CHRISTIAN SCHOOL	KISSIMMEE	140	216	-0.91	.72	-2.54	-1.77	.09	-3.58

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
HERITAGE PREPARATORY SCHOOL	ORLANDO	99	153	-3.65	-3.19	-4.23	-4.02	-2.28	-5.75
HERNANDO CHRISTIAN ACADEMY	BROOKSVILLE	50	82	1.56	-1.12	4.25	-1.00	-1.44	-.56
HIFZ ACADEMY	TAMPA	42	58	2.49	4.00	.97	1.32	2.62	-.29
HIGHLANDS CHRISTIAN ACADEMY	POMPANO BEACH	101	162	-2.49	-.70	-4.27	-3.91	-1.70	-6.12
HILLSBOROUGH BAPTIST SCHOOL	SEFFNER	37	56	2.53	2.00	3.07	1.07	.90	1.24
HOLY CROSS LUTHERAN ACADEMY UPPER SCHOOL	SANFORD	32	50	4.16	5.87	2.44	.22	1.41	-.96
HOLY CROSS LUTHERAN SCHOOL	NORTH MIAMI	94	148	5.10	6.10	4.10	1.29	3.50	-.93
HOLY FAMILY CATHOLIC SCHOOL	NORTH MIAMI	71	109	.16	1.54	-1.22	.91	2.17	-.34
HOLY REDEEMER CATHOLIC SCHOOL	KISSIMMEE	90	139	.83	2.32	-.65	-.19	1.79	-2.16
HOLY TEMPLE CHRISTIAN ACADEMY	FORT LAUDERDALE	42	69	5.05	4.35	6.28	3.24	3.70	3.09

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
HOPE ACADEMY	HOMESTEAD	132	228	-3.81	-3.11	-4.52	-3.51	-2.05	-4.98
HOREB CHRISTIAN SCHOOL	HIALEAH	75	150	-3.80	-.45	-7.15	-3.91	-.51	-7.31
IBCK EDUCATIONAL CENTER	KISSIMMEE	95	136	4.48	-.17	9.13	2.38	.63	4.13
IBN SEENA ACADEMY	ORLANDO	57	93	-1.41	-.98	-1.84	-1.14	-.50	-1.79
ICON PREPARATORY SCHOOL	TAMPA	37	38	.44	3.72	-2.83	.43	3.62	-2.76
IMMACULATE CONCEPTION CATHOLIC SCHOOL	HIALEAH	53	78	.48	-.23	1.19	1.73	1.11	2.34
IMPACT CHRISTIAN ACADEMY	JACKSONVILLE	34	50	-3.68	-4.66	-2.70	-3.76	-3.38	-4.14
INCARNATION CATHOLIC SCHOOL	TAMPA	47	71	2.74	3.20	2.29	1.97	2.33	1.60
INDIAN ROCKS CHRISTIAN SCHOOL	LARGO	88	128	-2.85	-.84	-4.86	-1.75	.14	-3.64
INTEGRITY CHRISTIAN ACADEMY	GROVELAND	32	43	-5.70	-4.50	-7.36	-2.94	-1.17	-4.97

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
INTEGRITY TABERNACLE CHRISTIAN ACADEMY	KISSIMMEE	39	65	2.72	-.23	5.66	1.69	-.14	3.52
IT'S A SMALL WORLD ELEMENTARY SCHOOL	MIAMI	35	57	-13.73	-13.92	-13.54	-9.14	-7.71	-10.58
IVA CHRISTIAN SCHOOL	CLEARWATER	42	73	.93	2.58	-.72	-1.38	.71	-3.46
JOHN CARROLL HIGH SCHOOL	FORT PIERCE	32	60	-5.59	-2.85	-8.32	-1.70	-.42	-2.97
JOSE MARTI SCHOOL 3RD CAMPUS	MIAMI	44	68	-8.21	-5.50	-10.91	-12.55	-8.49	-16.62
JOSHUA CHRISTIAN ACADEMY	JACKSONVILLE	77	114	5.79	4.07	7.38	2.29	1.87	2.62
JUBILEE CHRISTIAN ACADEMY	PENSACOLA	33	41	.03	.95	-.80	-.36	-.23	-.43
KESWICK CHRISTIAN SCHOOL	SAINT PETERSBURG	48	76	-1.90	-1.07	-2.74	-1.46	-1.08	-1.84
KIDS LEARNING CENTER OF SOUTH DADE III	MIAMI	76	99	.71	.47	.94	-.16	.92	-1.25
KINGDOM ACADEMY II	MIAMI	45	76	-4.63	-7.21	-2.05	-3.05	-3.57	-2.53
KINGSWAY CHRISTIAN ACADEMY	ORLANDO	99	148	-5.65	-2.27	-9.03	-5.66	-2.88	-8.45

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
KLURMAN/LUBAVITCH	MIAMI BEACH	75	141	2.31	.91	3.57	-.05	.00	-.21
LA PROGRESIVA PRESBYTERIAN SCHOOL INC.	MIAMI	306	475	2.95	.73	5.16	-.18	-.32	-.04
LAKE CITY CHRISTIAN ACADEMY	LAKE CITY	42	68	-11.03	-7.26	-14.81	-6.36	-3.20	-9.17
LAKE WORTH CHRISTIAN SCHOOL SOCIETY INC.	BOYNTON BEACH	60	93	-.92	-2.02	.18	-.66	-1.68	.36
LAKESIDE CHRISTIAN SCHOOL	CLEARWATER	48	81	-5.91	-7.37	-4.14	-4.37	-3.48	-4.83
LAND O' LAKES CHRISTIAN SCHOOL	LAND O' LAKES	30	41	-1.56	-.46	-2.66	-.97	-.99	-.95
LANDMARK CHRISTIAN SCHOOL	HAINES CITY	45	69	-3.35	-2.28	-4.41	-2.79	-1.47	-4.11
LIBERTY CHRISTIAN PREPARATORY SCHOOL	TAVARES	38	67	6.18	2.99	9.37	2.32	1.23	3.41
LIBERTY CHRISTIAN SCHOOL	SANFORD	41	61	-1.44	1.61	-4.49	-1.25	2.45	-4.53
LIFE ASSEMBLY OF GOD LIFE ACADEMY	KISSIMMEE	78	136	.09	.81	-.62	-2.55	-.93	-4.18

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
LIGHT CHRISTIAN ACADEMY - SOUTH CAMPUS	GOTHA	32	46	2.06	-.86	4.99	2.68	1.26	4.11
LIGHTHOUSE PRIVATE CHRISTIAN ACADEMY PREP	PENSACOLA	40	53	-7.94	-8.14	-7.74	-8.36	-7.55	-9.17
LINCOLN-MARTI COMMUNITY AGENCY 04	FLORIDA CITY	41	65	12.24	13.86	10.61	3.79	6.14	1.86
LINCOLN-MARTI COMMUNITY AGENCY 10	MIAMI	87	141	7.27	11.05	3.50	3.10	6.15	.05
LINCOLN-MARTI COMMUNITY AGENCY 17	HIALEAH	75	129	12.32	6.85	17.79	4.56	2.41	6.70
LINCOLN-MARTI COMMUNITY AGENCY 23	MIAMI	51	78	7.69	9.31	6.08	3.90	5.57	2.22
LINCOLN-MARTI COMMUNITY AGENCY 28	MIAMI	94	145	2.56	4.43	.70	2.15	4.35	-.05
LITTLE FLOWER CATHOLIC	PENSACOLA	35	50	-6.55	-3.34	-9.76	-4.58	-2.56	-6.60
LIVING FAITH ACADEMY	DAYTONA BEACH	50	70	1.28	.40	2.16	-.36	.27	-.99
LIVING WORD ACADEMY	ORLANDO	45	65	6.06	4.70	7.42	1.73	2.38	1.34

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
LUBAVITCH EDUCATIONAL CENTER INC.	MIAMI	224	328	-5.80	-4.50	-7.10	-3.18	-2.02	-4.27
MASTERS PREPARATORY SCHOOL- EAST HIALEAH	HIALEAH	103	134	8.94	.87	17.00	6.07	.16	11.98
MEADOWBROOK ACADEMY INC.	OCALA	57	78	1.49	.42	2.56	-.01	-1.00	.98
MELBOURNE CENTRAL CATHOLIC HIGH SCHOOL	MELBOURNE	45	72	-10.62	-9.23	-12.19	-5.24	-4.96	-5.45
MELODY CHRISTIAN ACADEMY	LIVE OAK	40	63	.17	-3.31	3.65	-2.28	-2.69	-1.87
MIAMI CHRISTIAN	MIAMI	53	83	-2.20	1.25	-5.39	-1.04	1.00	-3.09
MIAMI UNION ACADEMY	NORTH MIAMI	104	171	.13	3.42	-2.80	-.37	1.70	-2.35
MONSIGNOR EDWARD PACE HIGH SCHOOL	MIAMI GARDENS	207	374	-9.71	-6.58	-12.85	-3.33	-1.87	-4.80
MORNINGSIDE ACADEMY	PORT ST. LUCIE	65	109	-5.95	-4.38	-7.12	-4.41	-2.22	-6.33
MOTHER OF CHRIST CATHOLIC SCHOOL	MIAMI	54	92	-2.38	-1.39	-3.37	.90	1.40	.40

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
MOTHER OF OUR REDEEMER CATHOLIC SCHOOL	MIAMI	47	68	-3.41	-2.38	-4.44	-1.29	-1.14	-1.44
MOUNT DORA CHRISTIAN ACADEMY	MOUNT DORA	52	78	-4.68	-3.39	-5.67	-3.75	-2.34	-4.92
MUSLIM ACADEMY OF GREATER ORLANDO	ORLANDO	49	66	-3.26	-.93	-5.60	-2.84	-1.24	-4.45
NATIVITY CATHOLIC SCHOOL	BRANDON	63	108	-6.23	-8.59	-3.87	-3.18	-3.48	-2.88
NATIVITY SCHOOL	HOLLYWOOD	72	114	-.13	-.61	.34	2.05	1.68	2.43
NEW GENERATION CHRISTIAN MINISTRIES	LAKE CITY	42	45	-4.02	-2.38	-5.65	-4.00	-2.69	-5.36
NEW JERUSALEM CHRISTIAN ACADEMY	SEFFNER	31	50	-4.14	-1.71	-6.57	-2.20	-.68	-3.72
NORTH FLORIDA CHRISTIAN SCHOOL	TALLAHASSEE	64	107	-3.06	-2.17	-3.58	-3.19	-2.14	-4.03
NORTH KISSIMMEE CHRISTIAN SCHOOL	KISSIMMEE	42	70	-7.58	-4.97	-10.25	-5.18	-3.41	-6.92
NORTHSIDE CHRISTIAN ACADEMY	STARKE	32	49	1.15	1.83	.47	.95	2.45	-.55
NORTHSIDE CHRISTIAN SCHOOL	ST PETERSBURG	39	64	.92	1.22	.62	.39	1.01	-.22

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
NORTHWEST CHRISTIAN ACADEMY	MIAMI	40	64	-3.74	-2.91	-4.27	-2.28	-0.76	-3.54
NOTRE DAME CATHOLIC SCHOOL	SPRING HILL	38	55	-2.11	-3.95	-.27	-1.37	-2.50	-.25
NUR UL-ISLAM ACADEMY	COOPER CITY	113	178	-1.22	1.70	-5.05	-2.33	.02	-5.23
OASIS CHRISTIAN ACADEMY	WINTER HAVEN	66	105	-1.94	1.33	-5.21	-2.03	.01	-4.07
OCALA CHRISTIAN ACADEMY	OCALA	97	158	-.52	-2.38	1.72	-2.12	-2.97	-1.09
OKEECHOBEE CHRISTIAN ACADEMY	OKEECHOBEE	32	53	-1.78	1.88	-5.45	-.79	1.74	-3.33
OLD PLANK CHRISTIAN ACADEMY	JACKSONVILLE	49	76	3.75	4.59	2.91	1.22	3.64	-1.21
ONE SCHOOL OF THE ARTS	LONGWOOD	72	112	1.11	5.01	-2.88	-1.81	1.86	-5.59
ORLANDO CHRISTIAN PREP	ORLANDO	79	122	.37	1.27	-.63	-.53	.78	-2.05
OUR LADY OF CHARITY SCHOOL INC	HIALEAH	31	57	5.28	6.44	4.11	.63	2.57	-1.31
OUR LADY OF LOURDES CATHOLIC SCHOOL	DAYTONA BEACH FL	46	67	-1.46	1.03	-3.96	-.30	1.81	-2.40

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
OUR LADY OF LOURDES PARISH SCHOOL	MIAMI	50	73	-.28	-.42	-.15	.91	.27	1.54
OUR LADY OF THE HOLY ROSARY-ST RICHARD CATH	MIAMI	32	48	-.11	.48	-.70	1.97	2.50	1.44
OUR LADY OF THE LAKES CATHOLIC SCHOOL	MIAMI LAKES	54	92	3.77	3.93	3.61	3.00	3.78	2.22
OUR LADY QUEEN OF MARTYRS	FORT LAUDERDALE	60	91	-.90	2.90	-4.71	-.20	2.66	-3.07
PARK AVENUE CHRISTIAN ACADEMY	TITUSVILLE	66	109	-.82	1.10	-2.75	-1.16	-.08	-2.25
PARKHURST ACADEMY INC.	MELBOURNE	34	51	-3.94	-1.71	-6.17	-2.59	.10	-5.28
PARKVIEW PREP ACADEMY	AVON PARK	37	59	-5.07	-2.59	-7.54	-5.93	-2.23	-9.64
PARSONS CHRISTIAN ACADEMY	JACKSONVILLE	57	90	-2.18	-.33	-4.02	-2.80	-.51	-5.09
PATHWAYS SCHOOL	ORLANDO	41	53	4.59	3.66	5.53	2.59	2.36	2.82
PENIEL BAPTIST ACADEMY	PALATKA	64	114	3.73	-4.92	12.37	1.01	-2.09	4.11

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
PENSACOLA CATHOLIC HIGH SCHOOL	PENSACOLA	47	69	-6.23	-4.99	-6.78	-1.90	-.86	-2.28
PHYL'S ACADEMY PREPARATORY SCHOOL	MARGATE	34	53	1.09	4.38	-2.19	.82	2.30	-.67
PINE CASTLE CHRISTIAN ACADEMY	ORLANDO	43	79	1.18	-.06	3.10	.01	.80	-.36
PLEASANT HILL ACADEMY	KISSIMMEE	34	63	4.96	5.75	4.35	2.26	2.02	2.53
POINCIANA CHRISTIAN PREPARATORY SCHOOL	KISSIMMEE	49	75	2.54	.49	4.18	.91	-.14	1.66
POINCIANA CHRISTIAN PREPARATORY SCHOOL N	KISSIMMEE	33	46	-2.82	-4.75	-.88	-1.55	-2.58	-.51
POINT OF GRACE CHRISTIAN	PERRY	44	66	6.71	8.69	4.74	3.07	3.92	2.21
PROVIDENCE CHRISTIAN PREPARATORY SCHOOL	GOTHA	33	51	.88	.93	.83	-2.10	-2.27	-1.33
RADIANT LIFE ACADEMY	ORLANDO	48	66	-2.02	-3.10	-.94	-2.80	-2.73	-2.87

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
REAL LIFE CHRISTIAN ACADEMY	CLERMONT	51	89	.45	3.15	-2.24	-1.57	1.23	-4.38
REBORN CHRISTIAN ACADEMY	KISSIMMEE	61	93	10.50	12.37	9.35	6.97	8.11	6.18
REDEEMER CHRISTIAN SCHOOL	OCALA	37	53	1.70	.43	2.96	-.10	-.65	.45
REDLAND CHRISTIAN ACADEMY INC.	HOMESTEAD	53	75	-6.95	-4.33	-9.28	-4.23	-2.63	-5.59
REGENCY CHRISTIAN ACADEMY	ORLANDO	42	57	-4.27	-5.85	-2.68	-4.14	-4.68	-3.60
RESURRECTION CATHOLIC SCHOOL	JACKSONVILLE	41	60	-.98	-.84	-1.13	1.18	.53	1.84
RESURRECTION CATHOLIC SCHOOL	LAKELAND	37	49	1.59	.46	2.71	2.03	2.13	1.94

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
RHEMA WORD CHRISTIAN ACADEMY	LAUDERDALE LAKES	47	63	-6.61	-8.38	-4.85	-5.93	-7.07	-4.78
RHODORA J. DONAHUE ACADEMY	AVE MARIA	30	49	-2.91	-2.21	-3.61	-.67	-1.04	-.29
ROBERT F MUNROE DAY SCHOOL	QUINCY	65	100	-1.22	-5.23	2.91	-1.99	-4.37	.46
ROCKY BAYOU CHRISTIAN SCHOOL NFCEA	NICEVILLE	56	81	-1.19	-3.72	1.35	-1.95	-3.02	-.88
SACRED HEART	NEW SMYRNA BEACH	31	45	3.62	3.85	3.29	1.84	2.64	.94
SACRED HEART CATHOLIC SCHOOL	PINELLAS PARK	74	119	-5.28	-2.22	-8.35	-2.44	-.43	-4.45
SACRED HEART SCHOOL	LAKE WORTH	38	58	-3.96	.43	-8.35	-2.09	.69	-4.87
SAINT AGATHA SCHOOL	MIAMI	62	85	.15	1.77	-1.48	1.52	2.92	.12
SAINT AMBROSE	DEERFIELD BEACH	42	60	-.44	-.89	.01	.74	.41	1.06
SAINT ANASTASIA CATHOLIC SCHOOL	FORT PIERCE	55	80	2.16	1.82	2.49	1.59	1.67	1.50

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
SAINT ANDREW CATHOLIC SCHOOL	ORLANDO	90	141	-.82	1.86	-3.41	-.06	2.52	-2.73
SAINT ANDREW CATHOLIC SCHOOL	CORAL SPRINGS	62	92	-4.01	-1.53	-6.48	-1.02	.78	-2.81
SAINT ANTHONY CATHOLIC SCHOOL	LAKELAND	35	54	-4.91	-5.76	-4.05	-3.08	-2.18	-3.99
SAINT BARTHOLOMEW SCHOOL	MIRAMAR	44	60	-2.10	1.91	-6.12	-.69	1.89	-3.27
SAINT BRENDAN ELEMENTARY SCHOOL	MIAMI	87	136	.01	-.69	.71	.98	.82	1.14
SAINT BRENDAN HIGH SCHOOL	MIAMI	114	200	-9.62	-3.59	-15.66	-3.46	-.39	-6.52
SAINT CHARLES BORROMEO PARISH SCHOOL	ORLANDO	42	69	-4.68	-5.22	-4.14	-2.18	-1.21	-3.15
SAINT HELEN CATHOLIC SCHOOL	FORT LAUDERDALE	67	99	2.54	2.74	2.33	3.01	4.38	1.63
SAINT JAMES CATHOLIC SCHOOL	MIAMI	133	211	-2.06	.89	-5.02	-.13	2.19	-2.45
SAINT JEROME CATHOLIC SCHOOL	FORT LAUDERDALE	43	68	-2.41	.28	-5.11	.22	2.22	-1.78

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
SAINT JOHN THE EVANGELIST	PENSACOLA	43	60	-3.94	-2.45	-5.42	-1.44	-1.50	-1.38
SAINT JOHN VIANNEY SCHOOL	ORLANDO	67	95	-.68	2.03	-3.39	.29	3.23	-2.65
SAINT JOHNS EPISCOPAL SCHOOL	HOMESTEAD	39	58	-4.54	.73	-9.82	-3.11	1.38	-7.61
SAINT JOSEPH CATHOLIC SCHOOL	BRADENTON	32	48	2.02	.48	3.55	2.97	2.38	3.57
SAINT JOSEPH CATHOLIC SCHOOL	PALM BAY	32	50	.34	-3.16	3.84	1.64	.93	2.35
SAINT JOSEPH CATHOLIC SCHOOL	WINTER HAVEN	63	87	1.31	-.11	2.73	1.41	1.13	1.69
SAINT JOSEPH PARISH SCHOOL	TAMPA	66	91	-.40	-.68	-.11	.09	-.41	.37
SAINT JOSEPH SCHOOL	JACKSONVILLE	50	75	-.71	-.15	-1.26	.56	1.23	-.10
SAINT JUDE CATHEDRAL SCHOOL	SAINT PETERSBURG	58	88	1.48	1.36	1.57	.93	1.55	.18
SAINT JULIANA CATHOLIC SCHOOL	WEST PALM BEACH	33	44	-.65	-.91	-.39	.66	1.30	.03
SAINT KEVIN CATHOLIC SCHOOL	MIAMI	49	76	.93	.70	1.16	.26	1.03	-.51

Appendix continued

SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
SAINT LAWRENCE SCHOOL	NORTH MIAMI BEACH	44	63	-.90	.55	-2.36	.94	2.65	-.78
SAINT LUKE CATHOLIC	PALM SPRINGS	39	49	5.99	4.42	7.87	4.98	4.15	6.00
SAINT MARY SCHOOL	FORT WALTON BEACH	32	49	1.64	-4.11	7.39	3.15	-.83	7.13
SAINT MARYS CATHEDRAL	MIAMI	128	179	-1.34	1.38	-4.06	-.11	2.01	-2.19
SAINT MICHAEL THE ARCHANGEL	MIAMI	66	99	-.46	4.39	-5.31	1.05	3.98	-1.88
SAINT PATRICK INTERPARISH SCHOOL	GAINESVILLE	48	73	1.78	2.03	1.53	2.20	3.38	1.02
SAINT PATRICK SCHOOL	LARGO	37	50	-1.98	-1.88	-2.08	-.84	-.20	-1.49
SAINT PAUL CATHOLIC SCHOOL	DAYTONA BEACH	52	74	1.35	5.31	-2.60	1.29	3.82	-1.23
SAINT PAUL'S CATHOLIC SCHOOL	LEESBURG	43	64	1.62	4.22	-.98	1.90	3.95	-.14
SAINT PETERS CATHOLIC SCHOOL	DELAND	32	49	-1.45	2.68	-5.58	-.58	2.76	-3.91
SAINT PETERSBURG CATHOLIC HIGH SCHOOL	SAINT PETERSBURG	46	85	-9.34	-5.21	-13.47	-3.22	-1.27	-5.18

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
SAINT ROSE OF LIMA	MIAMI SHORES	30	46	3.04	-.12	6.19	2.60	2.07	3.13
SAINTS ACADEMY INC.	ORLANDO	59	93	1.84	4.38	-.69	.16	2.21	-2.31
SAINTS PETER PAUL SCHOOL	MIAMI	35	50	.47	1.87	-.93	1.41	2.94	-.13
SALAH TAWFIK ELEMENTARY MIDDLE SCHOOL	SUNRISE	31	44	4.86	4.19	5.54	2.45	3.82	1.09
SANTA FE CATHOLIC HIGH SCHOOL	LAKELAND	50	76	-9.69	-7.40	-11.98	-4.86	-3.28	-6.44
SAWGRASS ADVENTIST SCHOOL	PLANTATION	31	42	1.87	1.01	2.74	1.34	-.54	3.22
SEACOAST CHRISTIAN ACADEMY	JACKSONVILLE	30	44	-5.03	-9.83	-.23	-3.12	-6.56	.32
SEFFNER CHRISTIAN ACADEMY	SEFFNER	46	85	-7.06	-6.02	-8.11	-3.69	-3.99	-4.74
SEVEN RIVERS CHRISTIAN SCHOOL	LECANTO	51	83	.93	-1.66	3.51	-.63	-2.19	.92

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
SHERIDAN HILLS CHRISTIAN SCHOOL	HOLLYWOOD	78	117	-4.11	.25	-8.48	-2.35	.22	-4.92
SKYCREST CHRISTIAN SCHOOL	CLEARWATER	33	54	-2.13	-3.98	-.28	-1.23	-1.35	-1.12
SNOW WHITE THE SEVEN DWARFS SCHOOL	HIALEAH	30	38	-5.97	-7.56	-4.37	-3.49	-3.03	-3.95
SONSHINE CHRISTIAN ACADEMY	FT MYERS	53	92	-6.72	-8.10	-5.34	-4.26	-4.07	-4.43
SONSHINE CHRISTIAN ACADEMY	CALLAHAN	33	42	1.72	-1.98	5.41	.65	-2.23	3.53
SOUTH ORLANDO CHRISTIAN ACADEMY	ORLANDO	87	140	-.30	-4.27	3.71	-2.39	-3.21	-1.53
SOUTHLAND CHRISTIAN SCHOOL	KISSIMMEE	80	127	1.37	2.80	-.06	-.68	.84	-2.35
SOUTHWEST FLORIDA CHRISTIAN ACADEMY	FORT MYERS	39	73	-3.85	-2.73	-4.97	-2.74	-3.14	-2.10
SPRING HILL CHRISTIAN ACADEMY	SPRING HILL	47	70	-2.07	.44	-4.59	-3.08	.31	-6.47
ST. BERNADETTE CATHOLIC SCHOOL	HOLLYWOOD	35	61	-2.67	-1.48	-3.85	.04	-.78	.86

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
ST. ELIZABETH ANN SETON CATHOLIC SCHOOL	PALM COAST	40	55	-.90	-1.78	-.03	-.81	-.39	-1.24
ST. MARY MAGDALEN CATHOLIC SCHOOL	ALTAMONTE SPRINGS	42	67	.28	.56	.00	.38	.54	.23
ST. THOMAS AQUINAS SCHOOL	SAINT CLOUD	45	58	-4.26	-3.66	-4.85	-2.85	-2.04	-3.65
SUNFLOWERS ACADEMY	MIAMI	130	205	-1.14	1.99	-4.27	-2.89	-.78	-4.98
SUNRISE ACADEMY	ORANGE CITY	47	63	.96	2.20	-.14	.78	3.12	-1.48
TALLAVANA CHRISTIAN SCHOOL	HAVANA	34	53	15.72	14.23	15.38	6.05	7.35	4.08
TAMIAMI UNITED METHODIST ELEMENTARY	MIAMI	40	63	8.06	1.62	14.49	2.77	1.16	4.37
TAMPA BAY CHRISTIAN ACADEMY OF FLORIDA INC	TAMPA	32	44	4.38	-.82	9.57	2.67	-.91	6.26
TAMPA CATHOLIC HIGH SCHOOL INC.	TAMPA	46	79	-9.58	-4.01	-15.15	-2.90	-.01	-5.80
TEMPLE CHRISTIAN ACADEMY	JACKSONVILLE	47	71	-10.95	-6.26	-14.98	-7.99	-4.58	-10.94

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
TEMPLE CHRISTIAN SCHOOL	TITUSVILLE	40	69	-3.62	-.76	-6.48	-3.34	-.39	-6.29
THE CHRISTIAN ACADEMY OF WINTER HAVEN INC.	WINTER HAVEN	46	70	1.59	2.57	.61	-.03	-.36	.29
THE CONRAD ACADEMY	ORLANDO	51	86	-3.05	-2.65	-3.46	-3.58	-2.06	-5.10
THE COVENANT SCHOOL OF JACKSONVILLE INC	JACKSONVILLE	35	56	2.53	.10	4.96	1.36	-1.44	4.16
THE POTTER'S HOUSE CHRISTIAN ACADEMY ELEM	JACKSONVILLE	84	125	3.34	6.78	-.11	1.13	4.34	-2.09
THE ROCK SCHOOL	GAINESVILLE	35	50	2.26	-1.18	5.71	1.39	-.81	3.60
THE VINE CHRISTIAN ACADEMY	KISSIMMEE	39	65	1.77	2.52	1.02	.62	1.95	-.71
THINKING CHILD CHRISTIAN ACADEMY SCHOOL	HOMESTEAD	32	47	.58	.64	.52	2.50	3.13	1.87
TORAS EMES ACADEMY OF MIAMI	NORTH MIAMI BEACH	64	84	-4.30	-5.51	-3.34	-5.23	-6.48	-4.20
TRINITY CATHOLIC HIGH SCHOOL	OCALA	50	92	-11.21	-7.46	-14.97	-6.10	-4.02	-8.17

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
TRINITY CATHOLIC SCHOOL	TALLAHASSEE	32	49	-.47	2.81	-3.75	.70	3.73	-2.34
TRINITY CHRISTIAN ACADEMY	LAKE WORTH	63	108	-6.07	-3.42	-8.00	-3.73	-2.76	-4.25
TRINITY CHRISTIAN ACADEMY	DELTONA	138	220	2.75	2.58	2.92	-.13	1.06	-1.32
TRINITY CHRISTIAN ACADEMY	JACKSONVILLE	167	252	-1.50	1.68	-4.68	-2.04	1.03	-5.12
TRINITY LUTHERAN SCHOOL	KISSIMMEE	37	58	1.62	-1.38	4.63	1.56	.35	2.76
UNITED BRETHREN IN CHRIST ACADEMY	HOLLY HILL	37	64	-.49	-5.05	4.07	-1.59	-2.90	-.29
UNIVERSAL ACADEMY OF FLORIDA	TAMPA	116	181	.88	1.72	.03	-2.42	-.94	-3.91
UNIVERSITY CHRISTIAN SCHOOL	JACKSONVILLE	83	140	-.91	-.69	-1.13	-1.13	-.35	-1.90
VENICE CHRISTIAN SCHOOL	VENICE	33	45	.26	1.13	-.40	.42	.99	.02
VICTORY CHRISTIAN ACADEMY	LAKELAND	84	122	.15	1.69	-1.46	-.71	.33	-1.82
VICTORY CHRISTIAN ACADEMY	JACKSONVILLE	46	75	6.89	7.87	5.91	3.92	3.37	4.47

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
VICTORY CHRISTIAN ACADEMY	ORLANDO	41	65	2.34	6.20	-1.30	-.20	2.87	-2.70
VILLA MADONNA	TAMPA	37	55	-2.22	.95	-5.38	-2.07	.64	-4.77
WAKULLA CHRISTIAN SCHOOL	CRAWFORDVILLE	33	50	2.28	2.22	2.35	1.91	2.26	1.57
WALKER MEMORIAL ACADEMY	AVON PARK	57	95	3.93		6.86	1.81	.43	3.13
WARNER CHRISTIAN ACADEMY	SOUTH DAYTONA	58	89	-.15	-1.81	1.50	-1.06	-1.97	-.11
WEST FLORIDA BAPTIST ACADEMY	MILTON	36	52	1.44	2.12	.75	.07	.71	-.57
WEST GATE CHRISTIAN SCHOOL	TAMPA	31	49	-.03	2.39	-2.48	.17	3.20	-2.90
WEST HERNANDO CHRISTIAN SCHOOL	SPRING HILL	42	75	-2.76	2.62	-8.14	-3.80	.05	-7.65
WEST MELBOURNE CHRISTIAN ACADEMY	MELBOURNE	32	42	-1.28	-.83	-1.73	-1.19	.49	-2.87
WEST OAKS ACADEMY	ORLANDO	88	143	3.13	1.91	4.30	1.03	.81	1.01
WESTMINSTER ACADEMY	FORT LAUDERDALE	48	77	-1.18	-1.38	-.98	-1.65	-1.77	-1.52
WESTWOOD CHRISTIAN SCHOOL	MIAMI	85	161	-2.24	-.18	-3.20	-2.70	-.03	-4.68

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SCHOOL NAME	CITY	NUMBER OF GAIN SCORES OBSERVED		AVERAGE GAIN SCORE IN 2020-21			AVERAGE GAIN SCORE FROM 2017-18 TO 2020-21		
		2020-21 SCHOOL YEAR	BETWEEN 2017-18 AND 2020-21	READING+ MATH COMBINED	READING	MATH	READING+ MATH COMBINED	READING	MATH
WESTWOOD CHRISTIAN SCHOOL	LIVE OAK	35	54	1.02	3.19	-1.14	-.23	2.32	-2.78
WILLIAM A. KIRLEW JR. ACADEMY	MIAMI GARDENS	32	46	-.30	-1.07	.47	-1.10	-1.59	-.61
WINTER HAVEN CHRISTIAN SCHOOL	WINTER HAVEN	112	159	-4.12	-2.25	-6.05	-4.13	-2.35	-5.95
WORSHIPERS' HOUSE OF PRAYER ACADEMY	MIAMI	42	58	-12.02	-8.06	-16.08	-8.05	-5.27	-10.71
YOUNG KIDS IN MOTION ACADEMY INC	JACKSONVILLE	41	51	-4.16	-3.94	-4.38	-4.08	-2.60	-5.55