

Reading Progress Indicator predicts success on the FCAT 2.0

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Study Objectives

Reading Progress Indicator (RPI) was developed by a partnership between Bookette Software Company and Scientific Learning and was designed to measure the benefits of the Fast ForWord products. Prior studies have demonstrated the positive correlation between Reading Progress Indicator and nationally-normed reading assessments and high-stakes reading tests from various states. The following study examined the relationship between RPI and the Florida Comprehensive Assessment Test 2.0 (FCAT 2.0).

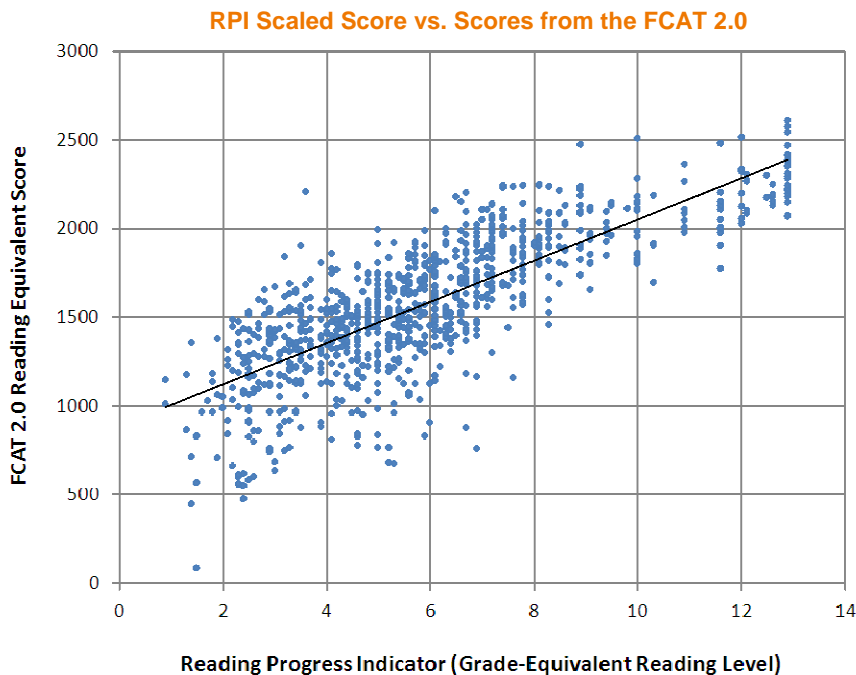
Methodology

RPI and FCAT 2.0 scores were collected from students who had taken both assessments in the spring of 2011. Since scores were used from the spring, 2011 administration of the FCAT 2.0 Reading, the FCAT Equivalent Score was used for the correlation to the Reading Progress Indicator Scaled Score.

Results

Across grades three through eleven, there was a statistically significant positive alignment between the students' RPI and FCAT Equivalent scores with students who scored higher on the RPI assessment performing better on the FCAT 2.0. The analysis showed that 62% of the variability in a student's FCAT Equivalent score was explained by their RPI score.

The scatter plot below shows the relationship between the FCAT 2.0 and RPI scores for 961 students in 3rd – 11th grade. A correlation between the scores gave a statistically significant correlation coefficient of 0.79.



Conclusion

Reading Progress Indicator scores have a strong and statistically significant positive alignment with FCAT Equivalent scores from the FCAT 2.0. This result is consistent with other studies that demonstrate that Reading Progress Indicator correlates positively with a variety of clinical and state assessments. These results support the overall validity of Reading Progress Indicator as an assessment tool and its relevance to state assessment needs.



Program Study Statistics

School Years:

2010-2011

Number of Schools:

11

Number of Students:

961

Grade Level:

3rd – 11th

Assessment Tool Used:

Reading Progress Indicator (RPI)
Florida Comprehensive Assessment
Test 2.0 (FCAT 2.0)

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