

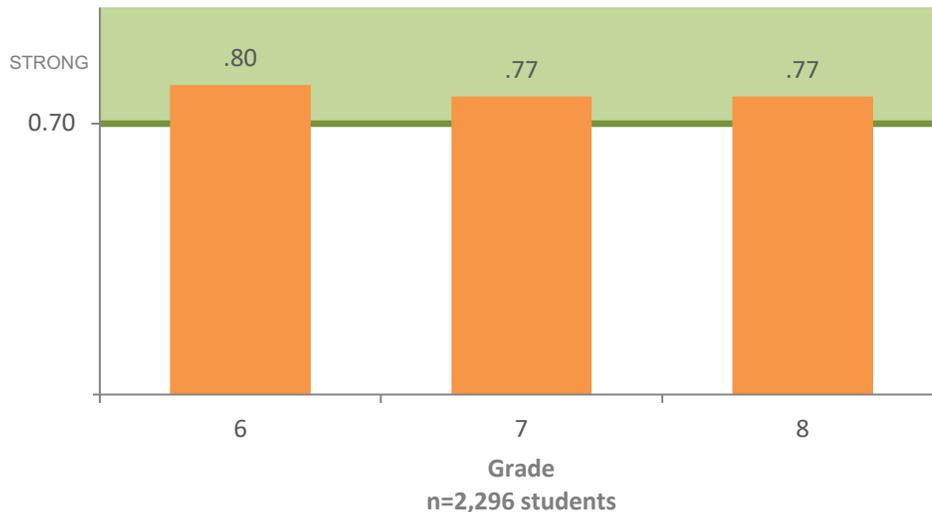
InSight and the Virginia SOL Reading Assessment



The relationship between InSight and the Virginia Standards of Learning (VA SOL) Reading assessment has been evaluated following standards established by the National Center for Intensive Intervention (NCII). As detailed below, InSight meets both correlation and classification accuracy standards when analyzed in relation to VA SOL Reading. Therefore, educators can be confident in InSight results and the subsequent intervention decisions they make for their students.

InSight is Strongly Correlated with VA SOL Reading

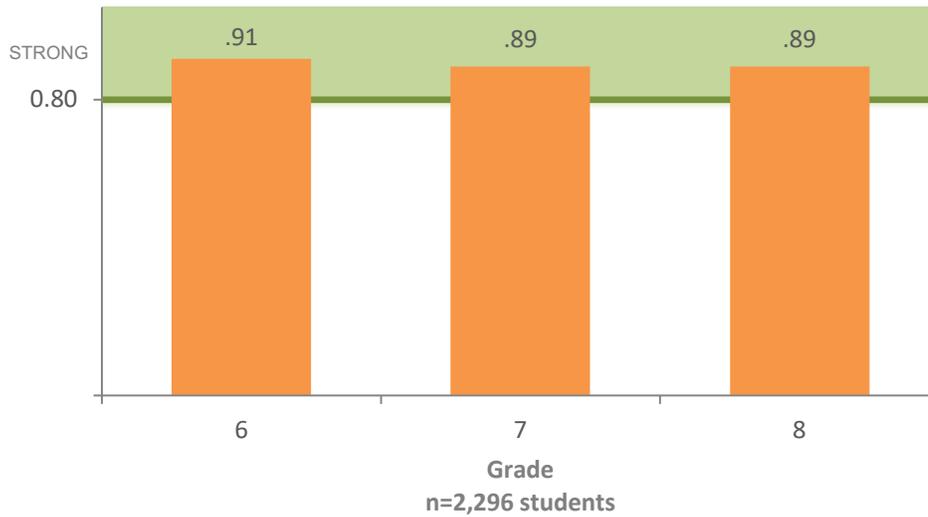
A statistical correlation measures the strength of the relationship between the results of two assessments. A value of 0.70 or higher* is considered a *strong correlation* and a key criterion of validity by the NCII. All correlation values between InSight and the VA SOL Reading assessment for grades 6–8 meet this standard.



*NCII Technical Standard 3: Lower Bound of the Confidence Interval ≥ 0.60 ; previous Center for Response to Intervention (CRTI) Technical Standard 4 = 0.70

InSight Classifies Students Similarly to VA SOL Reading

The NCII considers an *Area Under the Curve* (AUC) value of 0.80 or higher** to be convincing evidence that an assessment has met the "classification accuracy" standard. This indicates that InSight and VA SOL Reading have equivalent standards for determining whether students are achieving grade level proficiency or not. All AUC values between InSight and VA SOL Reading for grades 6–8 meet this standard.



**NCII Technical Standard 1: Lower Bound of the AUC Confidence Interval \geq 0.80

InSight and VA SOL Reading were also evaluated with another important classification statistic. The Overall Classification Accuracy Rate is the percentage of students who were classified as proficient or advanced on VA SOL Reading and were also classified as above or below grade level on InSight. Although the NCII requires this statistic as part of its evaluation process, it does not set a threshold criterion. Reading Plus believes that two assessments which have similar expectations for student performance should classify 75% or more of students in the same way. InSight and VA SOL Reading meet this level of equivalent classification in grades 6-8.

