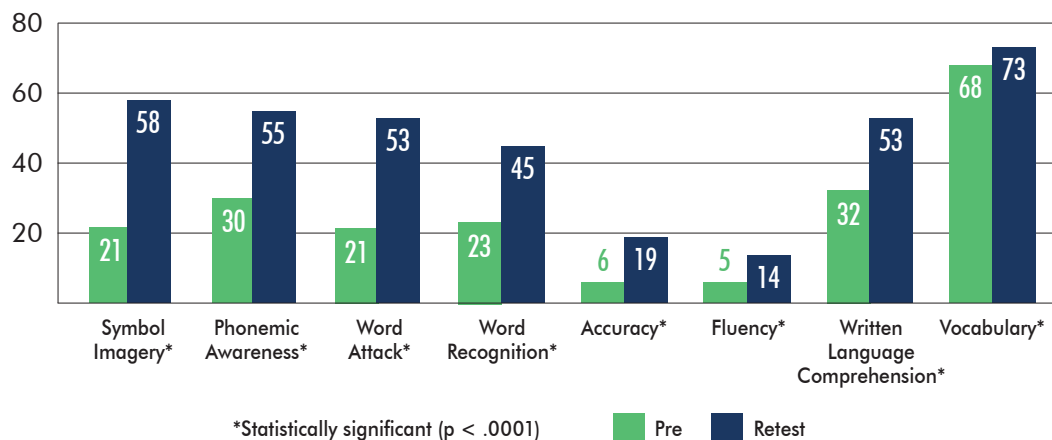


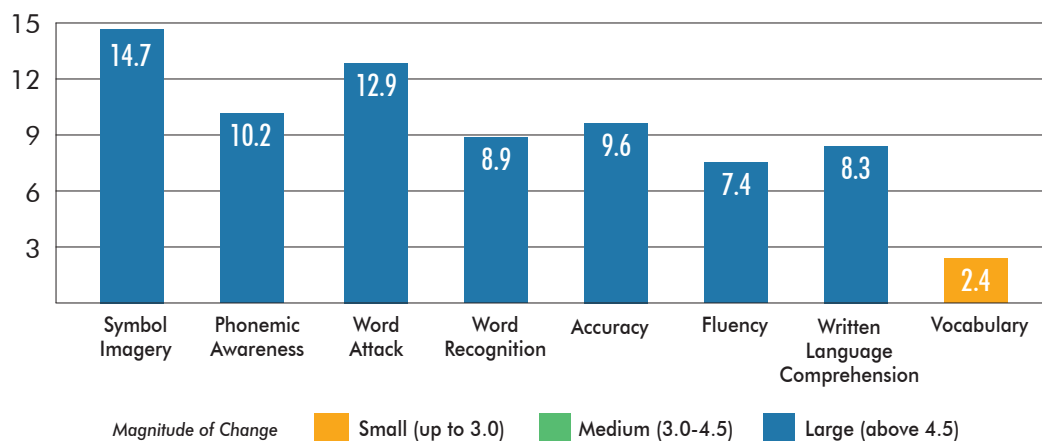
# Decoding

## Results of Students Who Received Decoding Instruction Only

### Pre- and Retest Percentiles



### Average Standard Score Changes



### Summary

**Lindamood-Bell Instruction Implemented:**  
Seeing Stars

**Years:**  
Jan. 2008 – Dec. 2024

**Number of Students:**  
11,395

**Average Age:**  
9.6

**Average Instruction Hours:**  
112.5

**Results:** On average, students who received Seeing Stars® instruction for decoding issues achieved significant improvements in reading. Our Decoding Only student population represents about 44% of the total Learning Center population. They made large (statistically significant) standard score changes on seven of eight measures. Vocabulary was not a targeted measure of instruction. Additionally, the 22-point percentile increase in Word Recognition put these students within the normal range (25th–75th percentile). While the largest average standard score change can be seen on the Symbol Imagery (orthographic processing) measure, it is important to note the large average standard score change in Written Language Comprehension. After an average of 112.5 hours of instruction, student scores in Written Language Comprehension grew closer to Vocabulary performance, where students averaged in the 68th percentile at pretest and the 73rd percentile at retest.