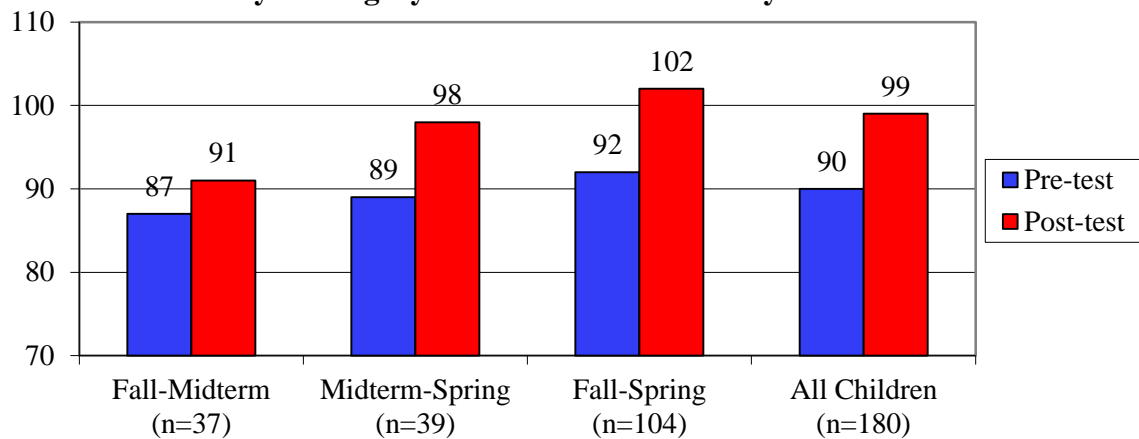


# OUTCOMES FOR FACE PRESCHOOL CHILDREN 2012 EVALUATION REPORT

FACE preschool children are assessed with the nationally normed *Expressive One-Word Picture Vocabulary Test (EOWPVT)*.<sup>1</sup> Vocabulary development is critical for school readiness. Teachers administer the assessment in the fall, at midterm, and in the spring.

At their first assessment in PY12, children entered FACE preschool with *EOWPVT* scores that ranged from one-half to almost a full standard deviation below the national average, a large gap by any definition (see Figure 1).<sup>2</sup>

**Figure 1. Average Standard Scores for Expressive One-Word Picture Vocabulary Test in PY12 by Testing Cycle for Center-based Only Preschoolers**



Children significantly and meaningfully increased their vocabulary development regardless of whether they attended FACE preschool for one semester or the full year.

Average standard scores increased by 4 points (one-fourth of a standard deviation) for children who were in FACE preschool for only the fall semester, by 9 points (one-half of a standard deviation) for children who were in preschool for only the spring semester, and by 10 points (two-thirds of a standard deviation) for children who attended for the full year.

For the 58% of FACE preschoolers who attended for the full year (Fall-Spring), the pre-test standard score for children (92) is equivalent to the 30<sup>th</sup> national percentile rank; the post-test standard score (102) is equivalent to the 55<sup>th</sup> national percentile rank—which renders FACE children at the end of preschool on a level playing field with children nationally.

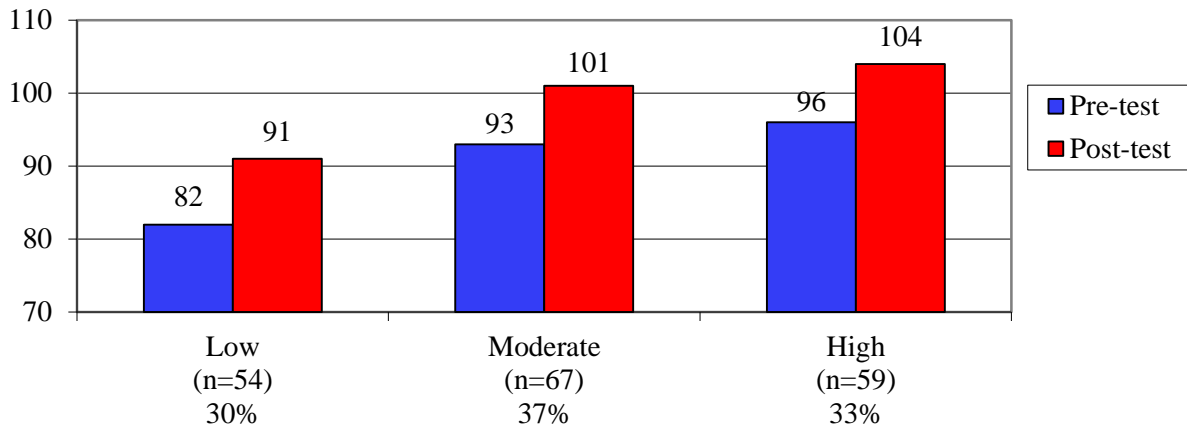
<sup>1</sup> Published by Academic Therapy Publications.

<sup>2</sup> Scores were standardized to a mean of 100 and a standard deviation of 15.

# FAMILY AND CHILD EDUCATION (FACE)

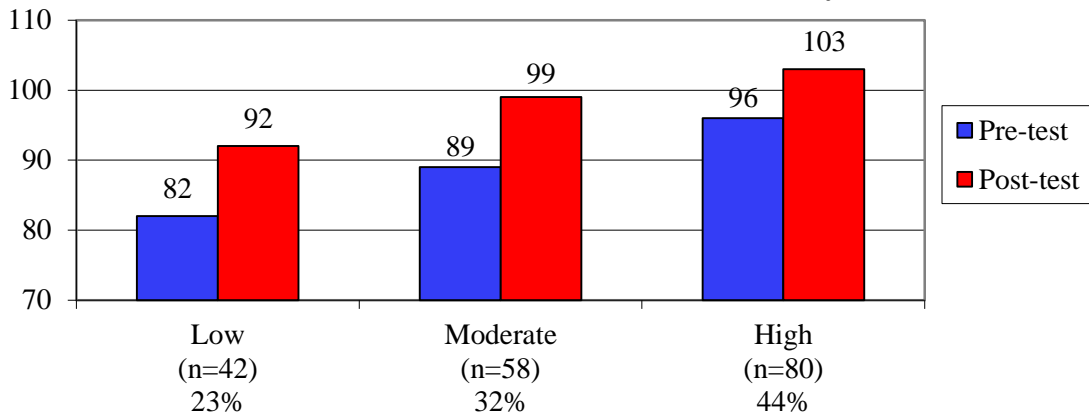
## Bureau of Indian Education

**Figure 2. Average Standard Scores for EOWPVT by Hours of Attendance in PY12 for Center-based Only Children**



A second year of FACE preschool attendance increases the percentage of preschoolers with *high* attendance and with the highest standard scale scores from 33% of one-year preschoolers (see Figure 2) to 44% of two-year preschoolers (see Figure 3).

**Figure 3. Average Standard Scores for EOWPVT by Frequency of Hours of Attendance for Two Years for Center-based Only Children**



FACE preschool children with an IEP scored significantly below other FACE preschoolers at pre-test, and scored almost a full standard deviation below the national average (i.e., a standard score of 86 or the 24<sup>th</sup> national percentile). At post-test, preschoolers with an IEP scored similarly to other FACE preschoolers, scoring almost at the national average at post-test. Their average post-test standard score of 98 did not differ significantly from the average preschooler without an IEP (score of 100), thereby leveling the playing field for children who had been identified early for special needs.