





## PREK RECEPTIVE VOCABULARY ABILITY

The Peabody Picture Vocabulary Test (PPVT-III) and the Test de Vocabulario en Imágenes Peabody (TVIP) measure knowledge of receptive vocabulary in English and Spanish, respectively. Pre- and post-assessments were administered to a random sample of pre-classes in the fall and spring of the 2009–2010 academic year. At least one class was chosen from each of the 68 campuses; 8 classrooms were chosen from Lucy Read. All students in the sample were tested in English (PPVT-III); and the Spanish students were tested in Spanish (TVIP) as well. A total of 971 students were tested in both semesters, representing nearly 18% of all students enrolled in the program. Of the students tested, 11% (= 107) were at Lucy Read. Figures 1a and 1b summarize district-wide student performance on the PPVT for English speakers and on the TVIP for Spanish speakers, respectively.

Figure 1a English Speaking Students' Peabody Picture Vocabulary Test (PPVT-III) Performance by Semester, 2009–2010 (N = 971)

Lucy Read Demonstration School

The TVIP sample included 79 native Spanish ELLs from Lucy Read Demonstration School who took the assessment in both the fall and spring. To make group comparisons and estimates of students' gains and losses, standardized scale scores were converted to normal curve equivalent (NCE) scores. Table 1 shows the averaged NCEs district wide and for the sample of ELLs on the Lucy Read campus from fall and spring, and the average gains made during the 2009-2010 school year. When interpreting an NCE average gain (or loss), note that zero shows that the students' growth did not differ from the national average expected growth. Deviations of  $\pm 4$  represent a significant growth (or loss) compared to expected growth nationally, and deviations of  $\pm 11$  represent a very high significant gain (or loss).

Table 1. Test de Vocabulario en Imagenes Peabody (TVIP) Normal Curve Equivalent (NCE) Results, 2009-2010

Native Spanish, English language learners (ELLs)	Number of students tested	Average NCE (Fall 2009)	Average NCE (Spring 2010)	Average gain
District wide	443	31	46	15
District wide, excluding Lucy Read	364	32	45	13
Lucy Read Prekindergarten	79	30	49	19

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