

Bridges Classrooms in Oregon

This case study aggregates data from seven different districts in Oregon that used the Bridges in Mathematics Grade 4 curriculum during the 2006-07 school year. Many of the students in these classrooms had previous experience with Bridges in prior grades.

Oregon assesses student academic achievement near the end of the school year with the Oregon Assessment of Knowledge and Skills (OAKS), a criterion-referenced assessment based on the Oregon Content Standards. The results from the mathematics section of the OAKS for the 2006-07 school year are provided in Table 1 and Figures 1 and 2 for the fourth grade students from the Bridges classrooms and for all Oregon fourth graders. The Bridges students outperformed their peers in aggregate and for each subgroup with reportable data. Overall, 83% of the Bridges students met or exceeded the math standard, compared with 71% of the state students.

Table 1

Oregon Assessment of Knowledge and Skills Grade 4 Mathematics Results Bridges and State Students 2006-07 School Year										
Student Subgroups	Bridges Students					Statewide Results				
	Number of Students λ N =	Meets or Exceeds Standard	Exceeds Standard	Meets Standard	Does Not Yet Meet Standard	Number of Students λ N =	Meets or Exceeds Standard	Exceeds Standard	Meets Standard	Does Not Yet Meet Standard
Total	219	83%	39%	44%	17%	41,576	71%	25%	46%	29%
White	181	86%	41%	45%	14%	28,302	76%	29%	48%	24%
Hispanic	28	82%	36%	46%	18%	7,424	52%	11%	41%	48%
Asian/Pacific Islander	3	*	*	*	*	1,993	79%	39%	40%	21%
African American	1	*	*	*	*	1,257	56%	12%	44%	44%
American Indian/Native Alaskan	3	*	*	*	*	835	61%	15%	46%	39%
Multi-Ethnic	1	*	*	*	*	980	69%	23%	45%	31%
Withheld (Declined)	2	*	*	*	*	785	74%	25%	49%	26%
Economically Disadvantaged	106	81%	23%	58%	19%	20,118	60%	15%	45%	40%
Limited English Proficient	23	65%	13%	52%	35%	5,766	44%	8%	37%	56%
Migrant	1	*	*	*	*	959	45%	7%	38%	55%

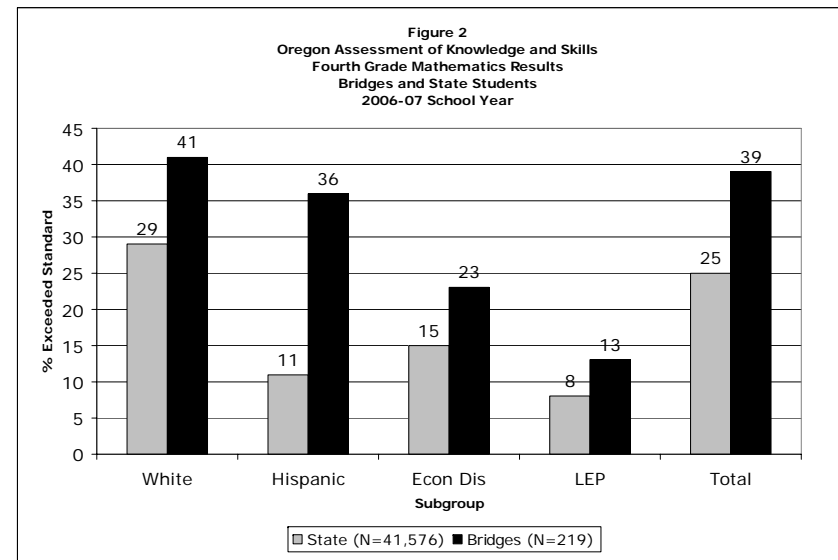
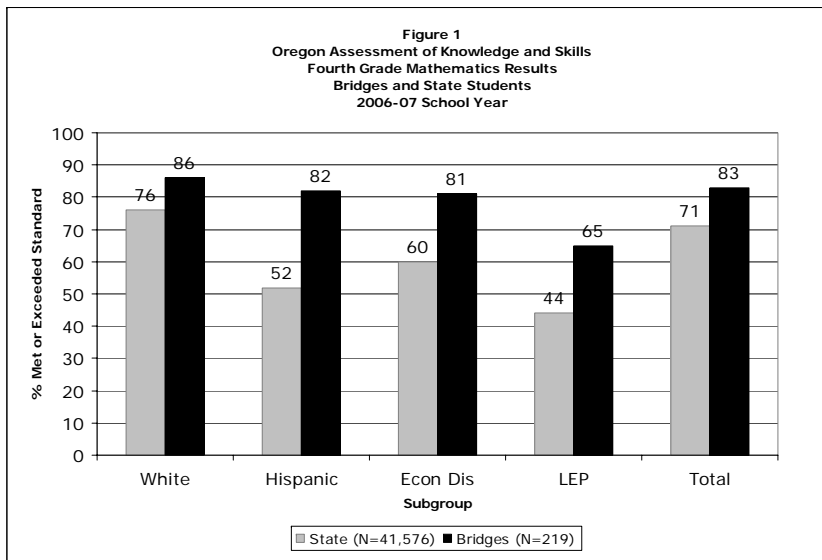
λ Only includes students that were tested.

* Oregon does not report results for groups smaller than 6 students or if the % meeting the standard is < 5% or > 95%.

Sources: School principals & Oregon Dept. of Ed. Website. Note: Percentages have been rounded.



In addition, a higher percentage of Bridges students in each reportable subgroup met or exceeded the mathematics standard than their state counterparts. These differences ranged from 10 to 30 percentage points. (See Figure 1). It is also noteworthy that the percentage of Bridges students that exceeded the standard was higher than that of the state students in aggregate and for each student subgroup with reportable data. These differences ranged from 5 to 25 percentage points. (See Figure 2).



*Note: Only includes students that were tested. Percentages have been rounded.
Sources: School principals & Oregon Dept. of Ed. Website*