

Geographic Factors

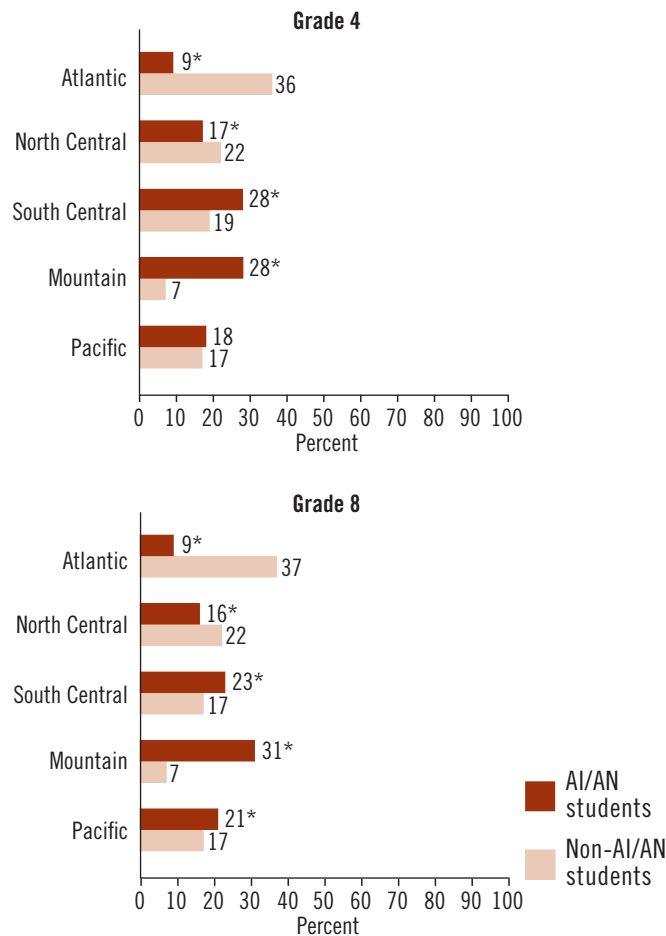
How are AI/AN students distributed across the regions of the United States?

AI/AN students were not evenly distributed across the five regions in which the schools they attended were located. Fifty-six percent of fourth-grade and 54 percent of eighth-grade AI/AN students attended schools in the South Central and Mountain regions (figure 1-1).

Forty percent of fourth-grade and 46 percent of eighth-grade AI/AN students attending high density schools were concentrated in the Mountain region (figure 1-2).

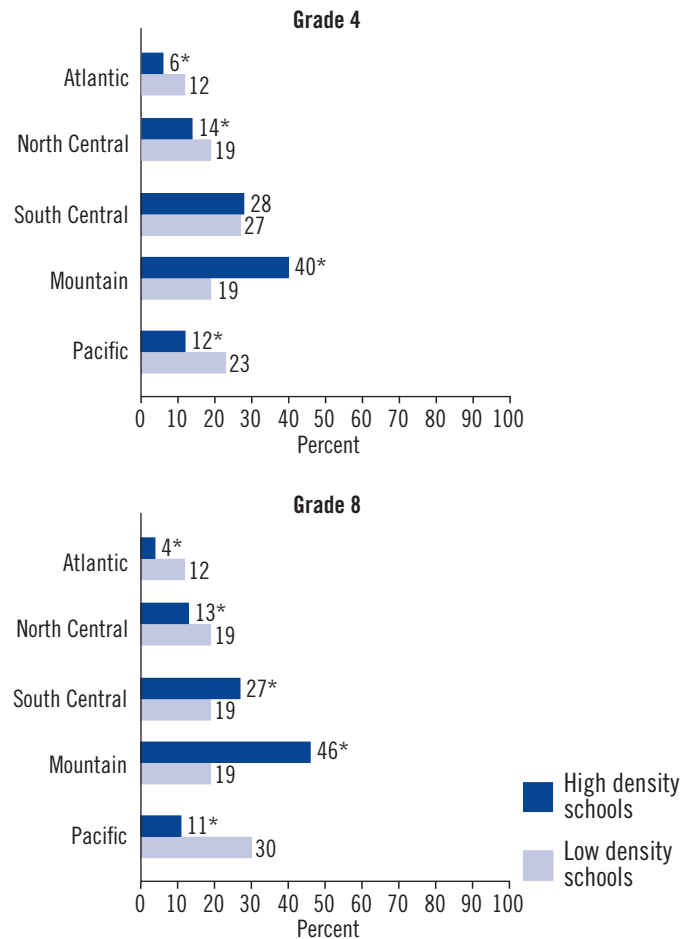
AI/AN students attending BIE schools were also concentrated in the Mountain region—66 percent at grade 4 and 59 percent at grade 8 (table 1-1).

Figure 1-1. Percentage of fourth- and eighth-grade students, by region and student group: 2007



* Significantly different ($p < .05$) from non-AI/AN students.
 NOTE: AI/AN = American Indian/Alaska Native. Regions are defined in the Technical Notes. Detail may not sum to totals because of rounding.
 SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

Figure 1-2. Percentage of fourth- and eighth-grade AI/AN students, by region and school density: 2007



* Significantly different ($p < .05$) from low density schools.
 NOTE: AI/AN = American Indian/Alaska Native. School density indicates the proportion of AI/AN students enrolled. High density schools have 25 percent or more AI/AN students. Low density schools have less than 25 percent. Regions are defined in the Technical Notes. Detail may not sum to totals because of rounding.
 SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

Table 1-1. Percentage of AI/AN students, by grade, type of school, and region: 2007

Region	Grade 4		Grade 8	
	Type of school		Type of school	
	Public	BIE	Public	BIE
Atlantic	10	1*	9	#*
North Central	17	24*	15	31*
South Central	30	5*	25	6*
Mountain	24	66*	27	59*
Pacific	19	4*	24	4*

Rounds to zero.
 * Significantly different ($p < .05$) from public schools.
 NOTE: AI/AN = American Indian/Alaska Native. BIE = Bureau of Indian Education. Results are not shown for Department of Defense and private schools. Regions are defined in the Technical Notes. Detail may not sum to totals because of rounding.
 SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.