

## Socioeconomic and Home Factors

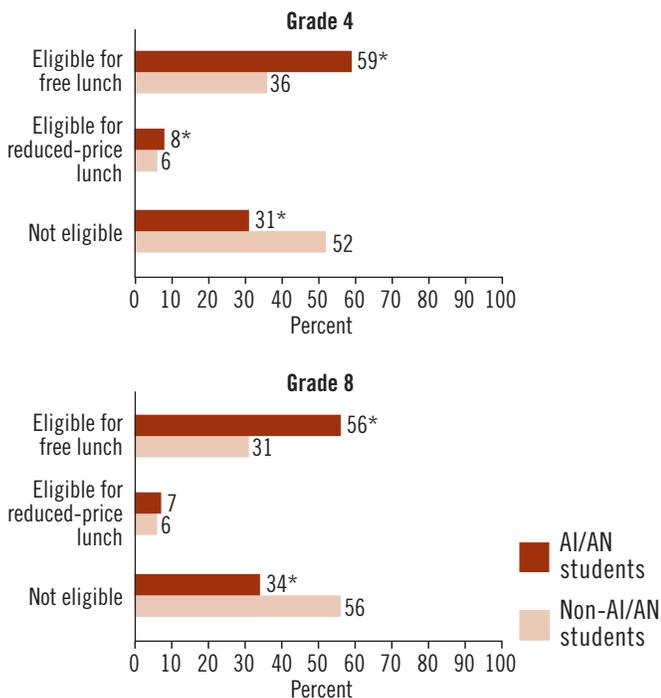
### What is the socioeconomic status of AI/AN students?

A student's eligibility for free or reduced-price school lunch under the National School Lunch Program is used as an indicator of socioeconomic status. The program and its eligibility criteria are described in the Technical Notes.

Higher percentages of AI/AN students were eligible for free lunch (59 percent at grade 4 and 56 percent at grade 8) than their non-AI/AN peers (figure 1-5). Thirty-six and 31 percent of non-AI/AN students at grades 4 and 8, respectively, qualified for free school lunch.

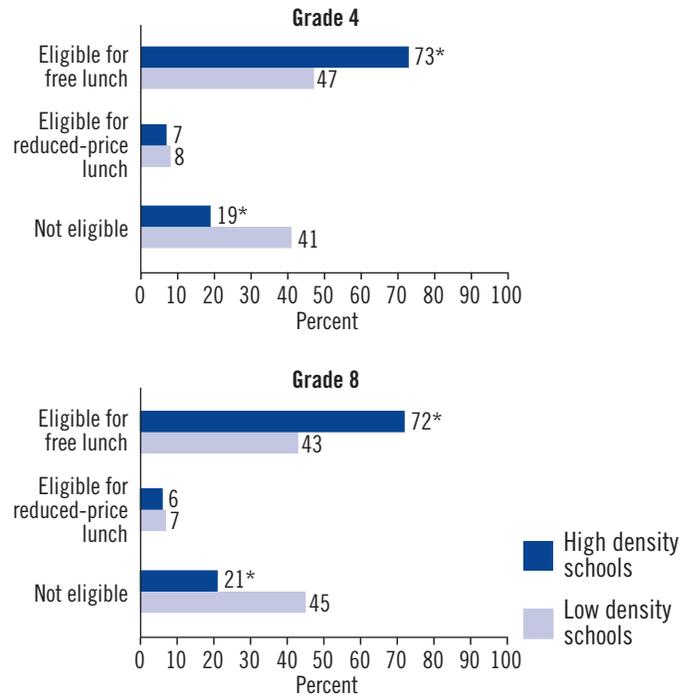
Within the AI/AN student population, there were higher percentages of students eligible for free lunch at high density schools than at low density schools (figure 1-6). For instance, at fourth grade, 73 percent of students from high density schools were eligible for free lunch, compared to 47 percent from low density schools. Similar patterns were observed for eighth-grade AI/AN students.

Figure 1-5. Percentage of fourth- and eighth-grade students, by eligibility for free or reduced-price school lunch and student group: 2007



\* Significantly different ( $p < .05$ ) from non-AI/AN students.  
 NOTE: AI/AN = American Indian/Alaska Native. Detail may not sum to totals because the "Information not available" category is not shown.  
 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 1-6. Percentage of fourth- and eighth-grade AI/AN students, by eligibility for free or reduced-price school lunch 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. Detail may not sum to totals because the "Information not available" category is not shown.  
 SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

Nearly all students attending BIE schools were eligible for free lunch—91 percent of fourth-graders and 90 percent of eighth-graders (table 1-3).

Table 1-3. Percentage of AI/AN students, by grade, type of school, and eligibility for free or reduced-price school lunch: 2007

Eligibility status	Grade 4		Grade 8	
	Type of school		Type of school	
	Public	BIE	Public	BIE
Eligible for free lunch	58	91*	54	90*
Eligible for reduced-price lunch	8	3*	7	3*
Not eligible	33	4*	37	5*

\* 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. Detail may not sum to totals because the "Information not available" category is not shown.  
 SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.