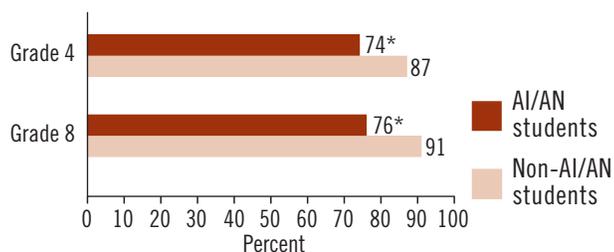




## Do students have access to a computer at home?

Students were asked about having access to a computer at home because it is typically an indicator of family resources. Seventy-four percent of AI/AN students at grade 4 and 76 percent at grade 8 reported having a computer at home that they can use, compared to 87 percent and 91 percent of non-AI/AN students at grades 4 and 8, respectively (figure 1-11).

Figure 1-11. Percentage of fourth- and eighth-grade students who reported the availability of a computer at home that they can use, by student group: 2007



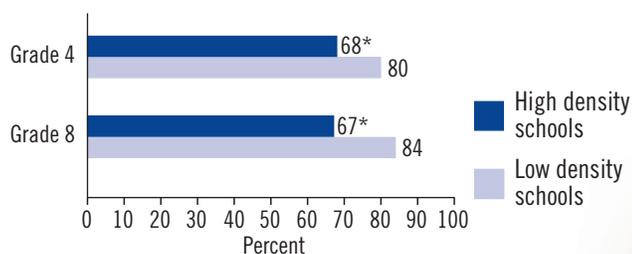
\* Significantly different ( $p < .05$ ) from non-AI/AN students.

NOTE: AI/AN = American Indian/Alaska Native.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

AI/AN students' access to a home computer differed by school density. Lower percentages of fourth- and eighth-grade AI/AN students attending high density schools reported the availability of a computer at home than AI/AN students at the same grade levels attending low density schools (figure 1-12).

Figure 1-12. Percentage of fourth- and eighth-grade AI/AN students who reported the availability of a computer at home that they can use, by 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.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

Fifty-seven percent of fourth-grade and 56 percent of eighth-grade students attending BIE schools reported having access to a computer at home (table 1-6). Home computer access was reported by higher percentages of their AI/AN peers attending public schools—75 percent at grade 4 and 78 percent at grade 8.

Table 1-6. Percentage of AI/AN students who reported the availability of a computer at home that they can use, by type of school and grade: 2007

Grade	Type of school	
	Public	BIE
Grade 4	75	57*
Grade 8	78	56*

\* 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.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

