



**New Mexico Public Education Department
Division of Assessment and Accountability
NAEP Bureau
May 23, 2006
National Indian Education Study
Prepared by Dr. Karen Kay Harvey
NAEP Bureau Chief**

Key Points of the National Indian Education Study of American Indian/Alaska Native students in grades 4 and 8 on the 2005 NAEP in reading and mathematics:

- 325,000 grade 4 and 8 students participated in NAEP 2005 reading assessment
- 334,000 grade 4 and 8 students participated in NAEP 2005 mathematics assessment
- 7,200 American Indian/Alaska Native students participated in reading
 - New Mexico
 - Grade 4: 400
 - Grade 8: 400
- 7,300 American Indian/Alaska Native students participated in mathematics
 - New Mexico
 - Grade 4: 400
 - Grade 8: 400
- National sample includes both public and private schools (i.e. Bureau of Indian Affairs, Department of Defense Education Activity, and private schools)
 - New Mexico schools
 - Grade 4: 70 schools
 - Grade 8: 60 schools
- States represented in the study are Alaska, Arizona, Montana, New Mexico, North Dakota, Oklahoma, and South Dakota
- **Grade 4 Reading:**
 - American Indian/Alaska Native students in Oklahoma had a higher average scale score and a higher percentage performing at or above *Basic* than American Indian/Alaska Native students in the nation and other selected states
 - Compared to the nation, American Indian/Alaska Native students in Alaska, Arizona, New Mexico, and South Dakota had lower average scores

- **Grade 8 Reading:**
 - Compared to the nation, American Indian/Alaska Native students in Oklahoma had a higher average score.
 - Compared to the nation, American Indian/Alaska Native students in Alaska, Arizona, New Mexico and South Dakota had lower average scale scores
 - American Indian/Alaska Native students in Oklahoma had a higher average score than students in Alaska, Arizona, New Mexico, and South Dakota

- **Comparison of Ethnic Groups in both 4th and 8th grade Reading:**
 - No significant difference was found between the performance of Hispanic students and American Indian/Alaska Native students
 - American Indian/Alaska Native students in the nation had a higher average score than Black student

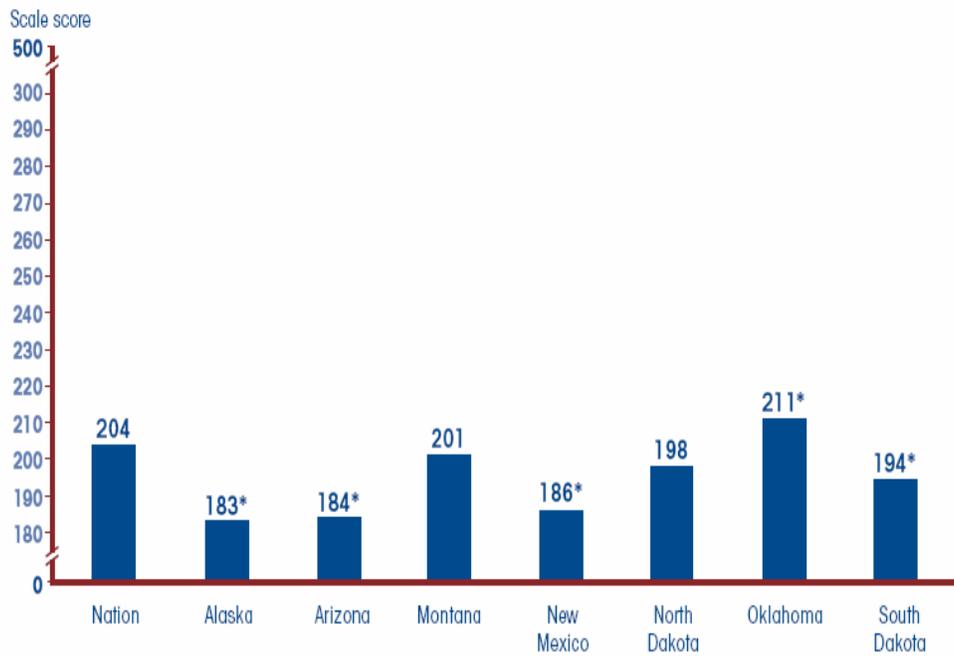
- **Grade 4 Mathematics:**
 - American Indian/Alaska Native students in grade 4 had lower average scores in mathematics than all other students in the nation
 - American Indian/Alaska Native students in Montana and Oklahoma were not significantly different from their peers in the nation on average scores
 - American Indian/Alaska Native students in Alaska, Arizona, New Mexico, North Dakota, and South Dakota had lower average scores than American Indian/Alaska Native students in the nation

- **Grade 8 Mathematics:**
 - American Indian/Alaska Native students in grade 8 had lower average scores in mathematics than all other students in the nation
 - American Indian/Alaska Native students in New Mexico and South Dakota had lower average scores than American Indian/Alaska Native students in the nation

- **Comparison of Ethnic Groups:**
 - **Grade 4**
 - American Indian/Alaska Native students had a higher average score than Black students
 - American Indian/Alaska Native students performed lower than White students and Asian/Pacific students
 - **Grade 8**
 - American Indian/Alaska Native students had a higher average score than Black students
 - American Indian/Alaska Native students had a higher average score than Hispanic students
 - American Indian/Alaska Native students performed lower than White students and Asian/Pacific students

State Comparison of Scale Scores for Reading 2005

Figure 2-9. Average reading scale scores for American Indian/Alaska Native students only, by nation and selected states, grade 4: 2005

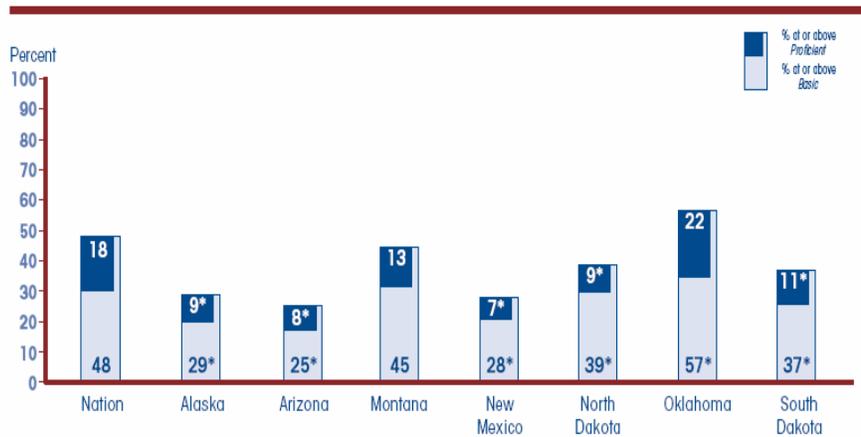


* Significantly different from American Indian/Alaska Native students in the nation.

NOTE: National and state data presented in this figure represent American Indian and Alaska Native students only.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2005 National Indian Education Study.

Figure 2-10. Reading achievement-level results for American Indian/Alaska Native students only, by nation and selected states, grade 4: 2005



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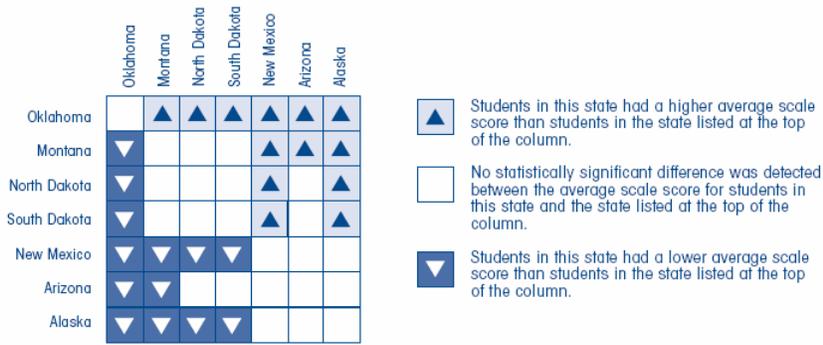
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Figures 2-11 and 2-12 compare average scores and percentages of grade 4 American Indian/Alaska

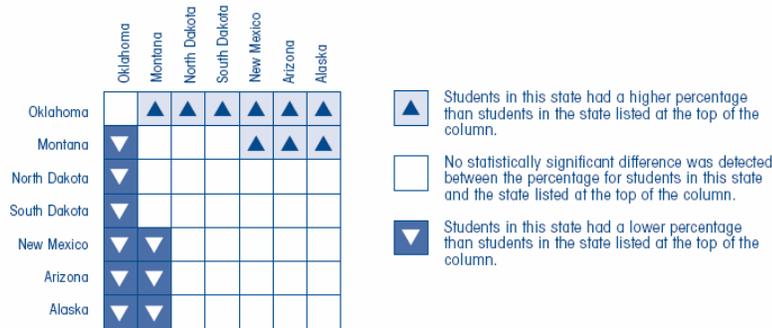
Native students performing at or above *Basic* in each state to those in each other state.

Figure 2-11. Cross-state comparison of average reading scale scores for American Indian/Alaska Native students, grade 4: 2005



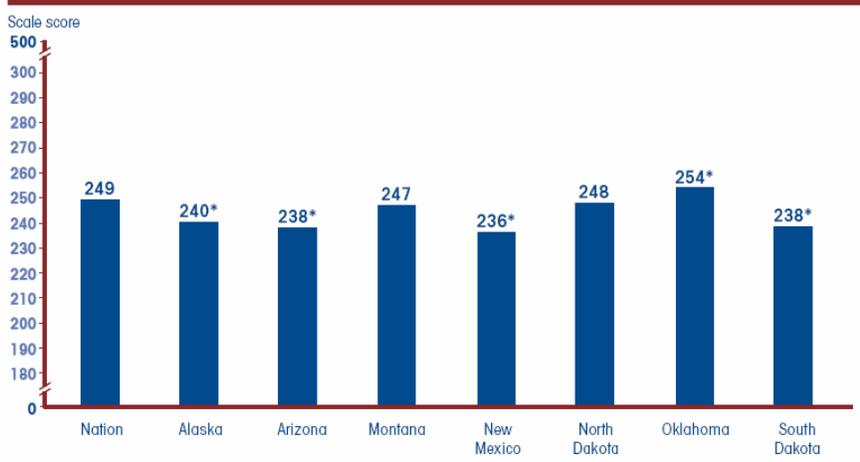
NOTE: Read across the row corresponding to a state listed to the left of the chart. Match the shading intensity (and arrow direction) to the chart's key to determine whether the average score for students in this state was found to be higher than (up arrow), not significantly different from (blank cell), or lower than (down arrow) the average score for students in the state in the column heading.
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Figure 2-12. Cross-state comparison of the percentages of American Indian/Alaska Native students performing at or above *Basic* in reading, grade 4: 2005



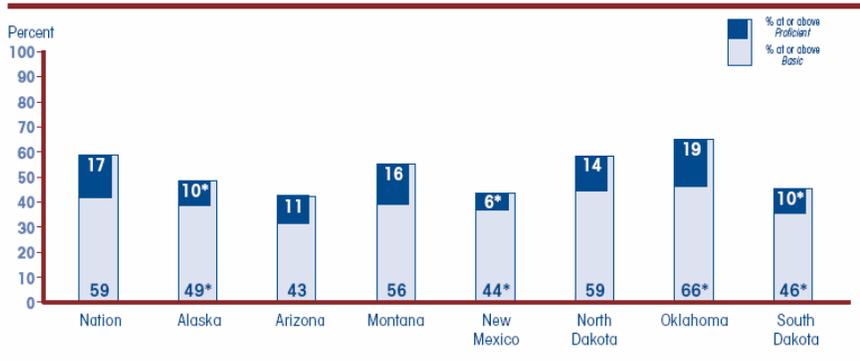
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Figure 2-13. Average reading scale scores for American Indian/Alaska Native students only, by nation and selected states, grade 8: 2005



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Figure 2-14. Reading achievement-level results for American Indian/Alaska Native students only, by nation and selected states, grade 8: 2005

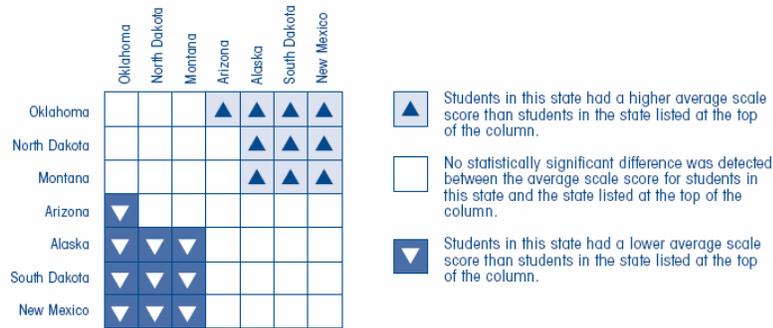


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Figures 2-15 and 2-16 compare average scores and percentages of grade 8 American Indian/Alaska

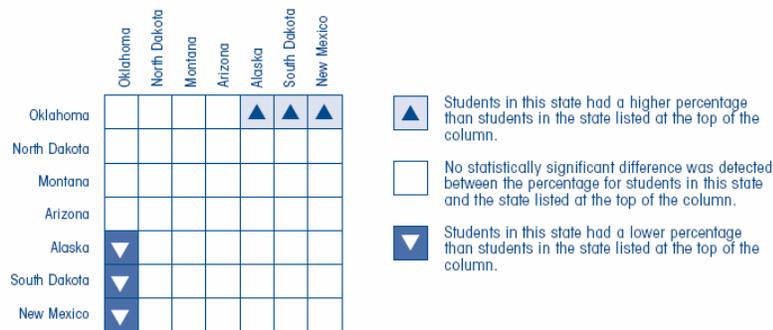
Native students performing at or above *Basic* in each state to those in each other state.

Figure 2-15. Cross-state comparison of average reading scale scores for American Indian/Alaska Native students, grade 8: 2005



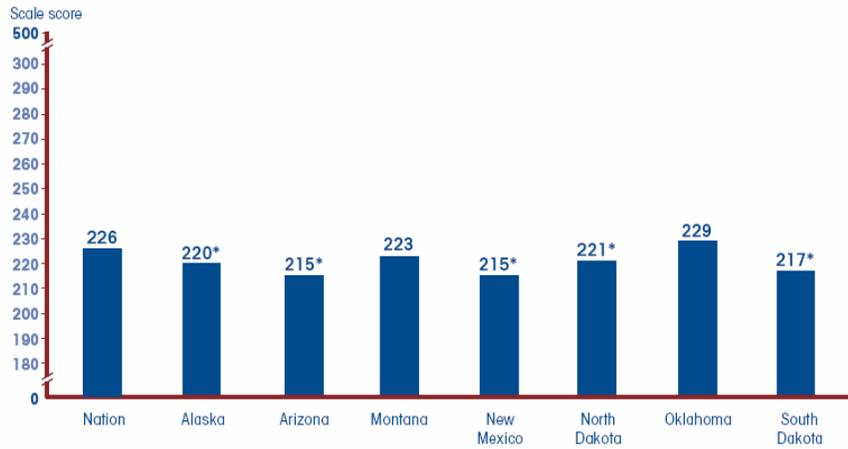
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Figure 2-16. Cross-state comparison of the percentages of American Indian/Alaska Native students performing at or above *Basic* in reading, grade 8: 2005



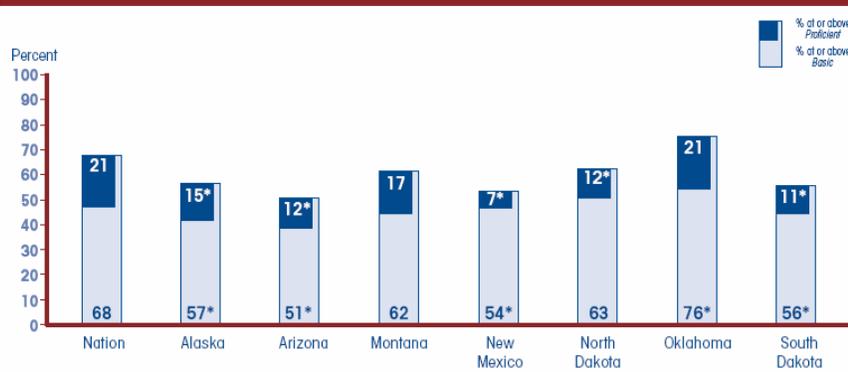
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Figure 3-9. Average mathematics scale scores for American Indian/Alaska Native students only, by nation and selected states, grade 4: 2005



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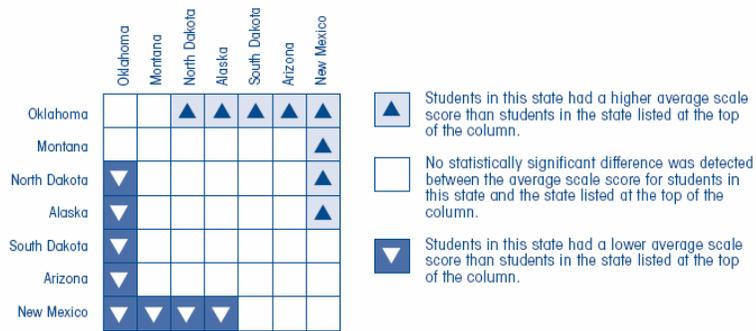


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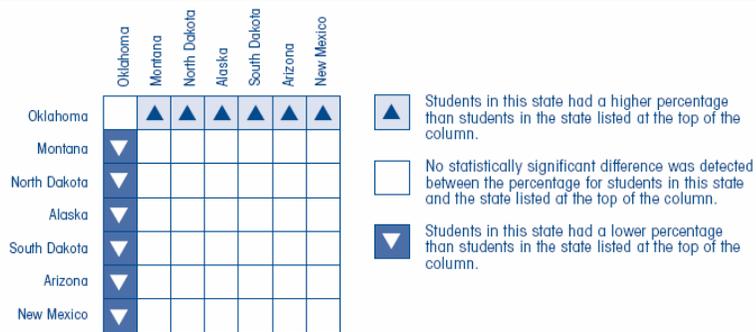
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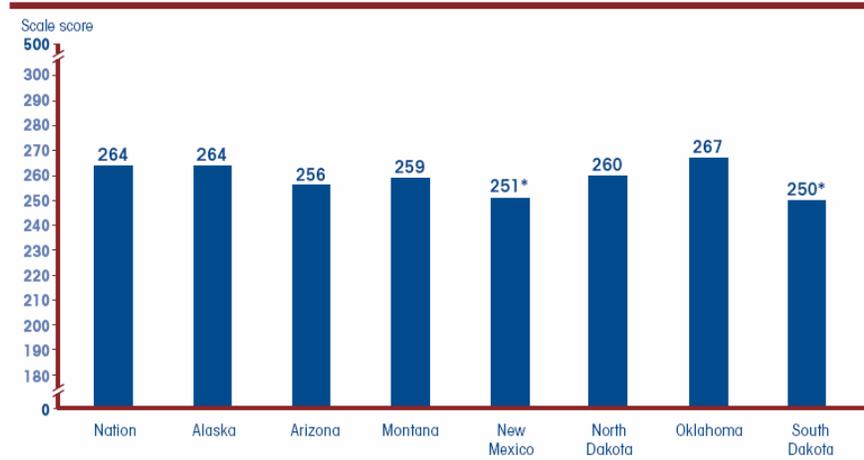
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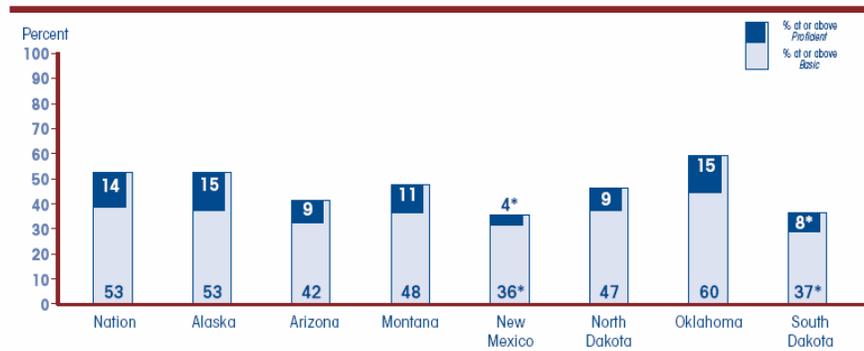
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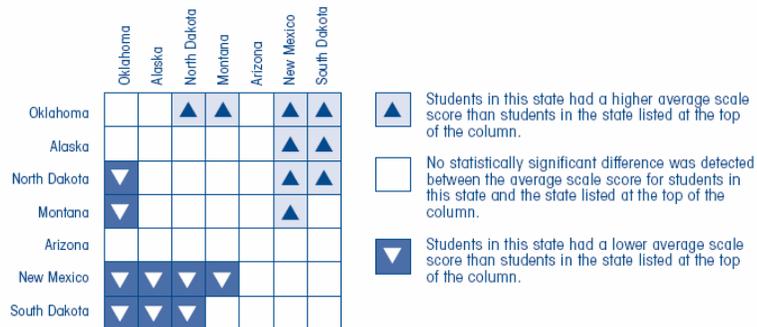


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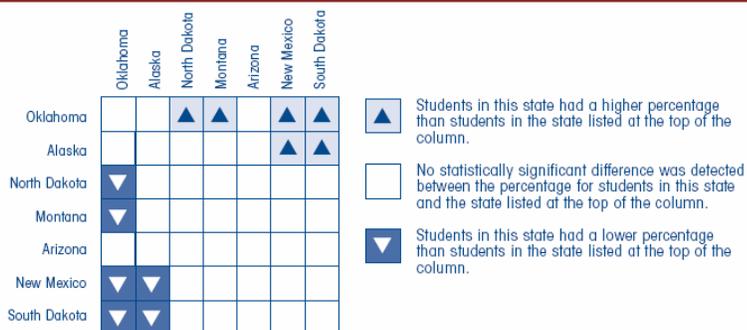
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