

Mathematics

The National Assessment of Educational Progress (NAEP) has measured the progress of Alaska 4th- and 8th- graders in mathematics and reading every two years since 2003.

These graphs show trends in student achievement for mathematics for the nation and for Alaska since 2003, using average scale scores and achievement level percentages.

FROM 2013 to 2015

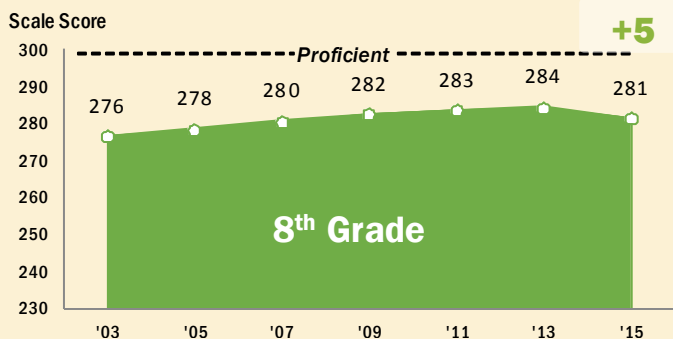
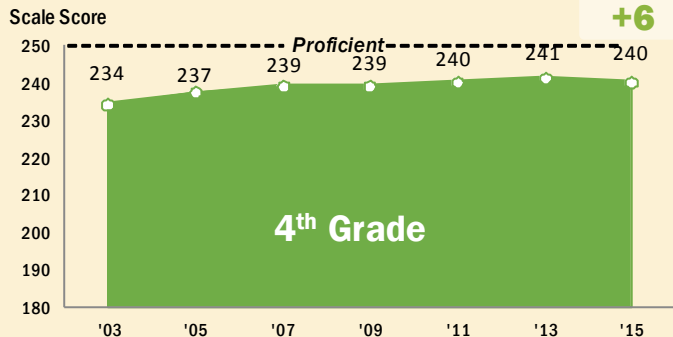
Grade 4 and grade 8 mathematics average scale scores for the National Public decreased. Alaska's mathematics scores had no statistically significant changes.

COMPARED to the Nation

Alaska's average scale score is below the National Public for grade 4. Alaska scores at the national average for grade 8.

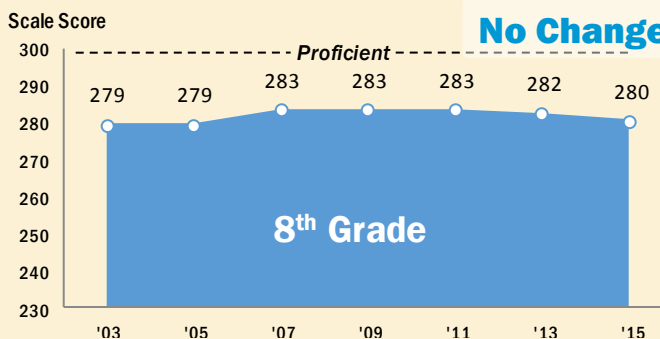
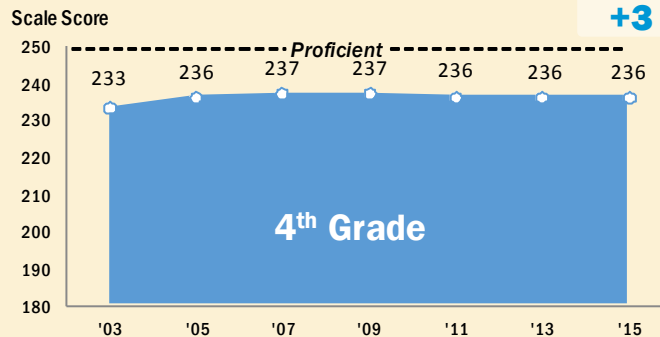
NATION TREND LINES

Change in score since 2003

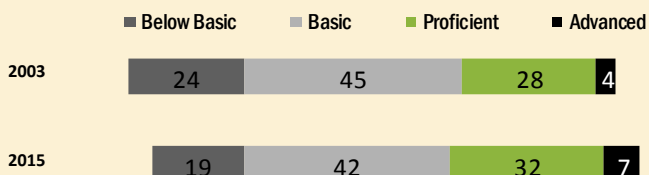


ALASKA TREND LINES

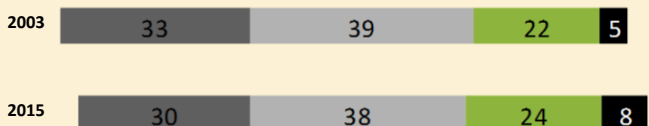
Change in score since 2003



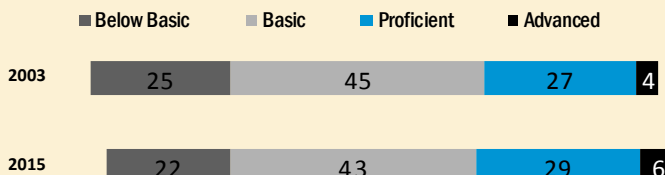
Grade 4 Mathematics—Nation



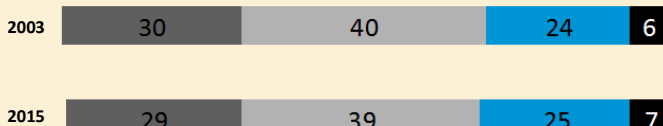
Grade 8 Mathematics—Nation



Grade 4 Mathematics—Alaska



Grade 8 Mathematics—Alaska



Basic denotes partial mastery of prerequisite knowledge and skills. **Proficient** represents solid academic performance.

Advanced represents superior performance.

Grade 4 Mathematics

Graphs show
trend since
2003

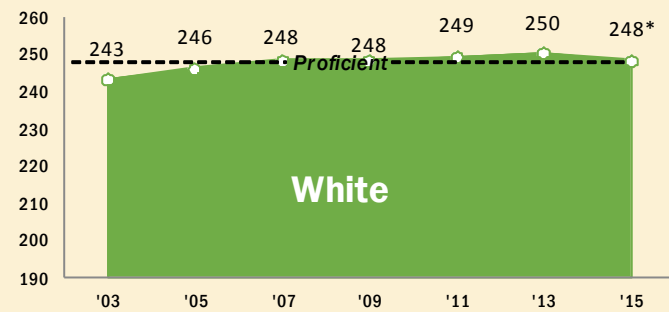
Numbers or "No Change" above trend lines show change in scores since 2003.

An asterisk next to a number indicates the score is statistically significantly different from the 2013 score.

NATION TREND LINES

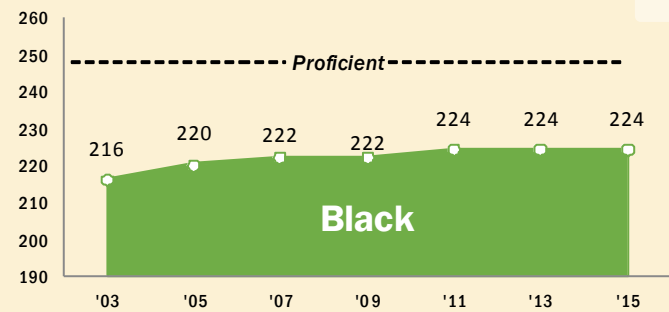
Scale Score

+6



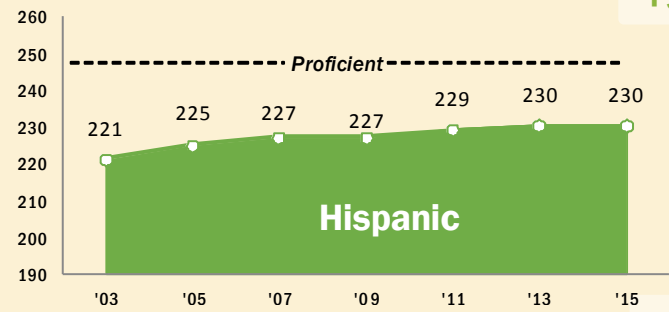
Scale Score

+8



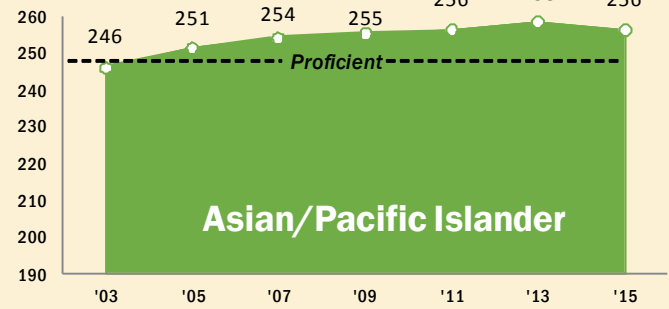
Scale Score

+9



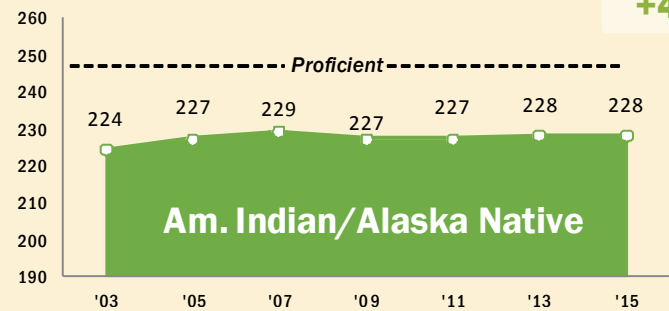
Scale Score

+10



Scale Score

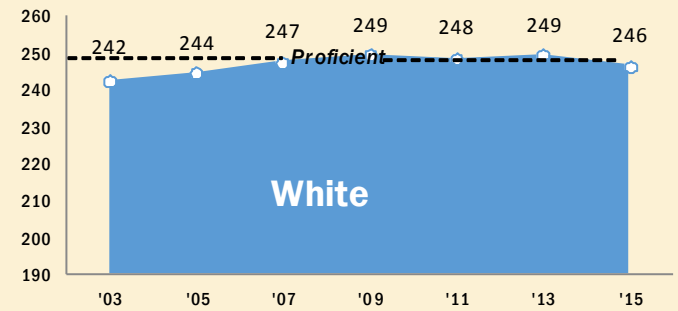
+4



ALASKA TREND LINES

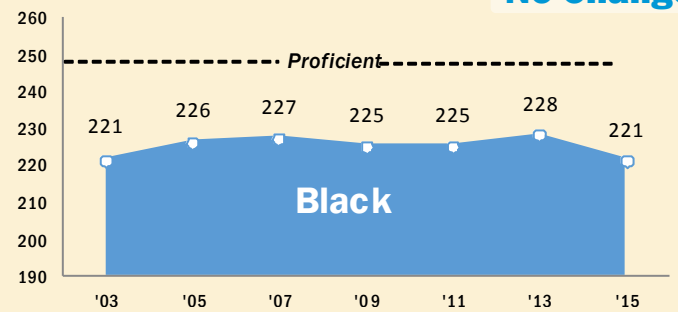
Scale Score

+4



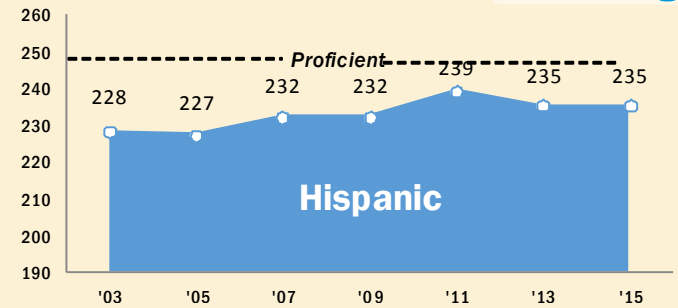
Scale Score

No Change



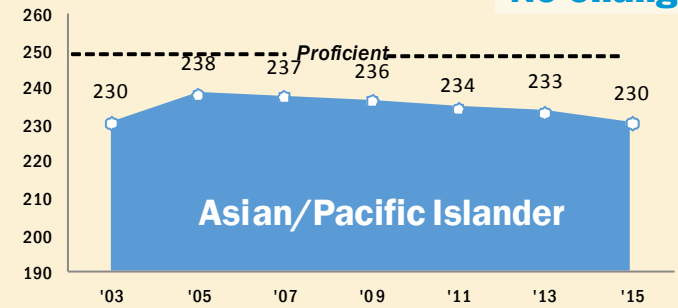
Scale Score

No Change



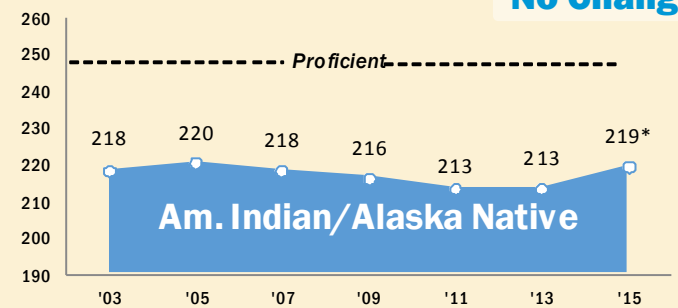
Scale Score

No Change



Scale Score

No Change



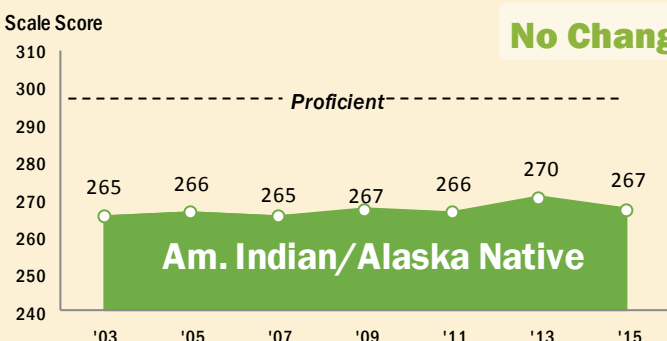
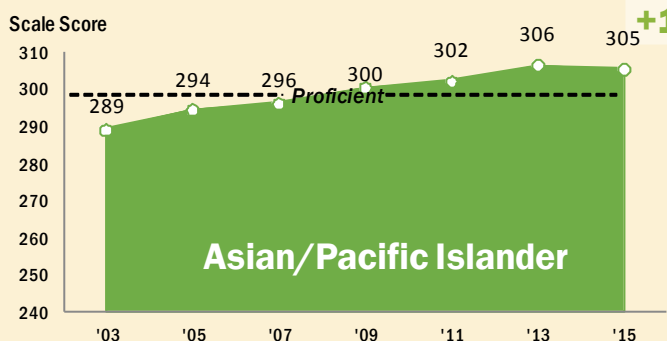
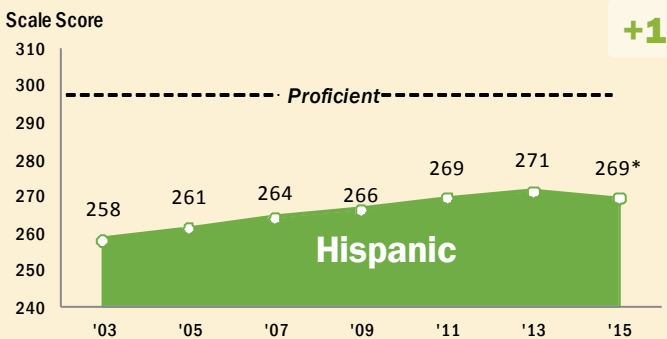
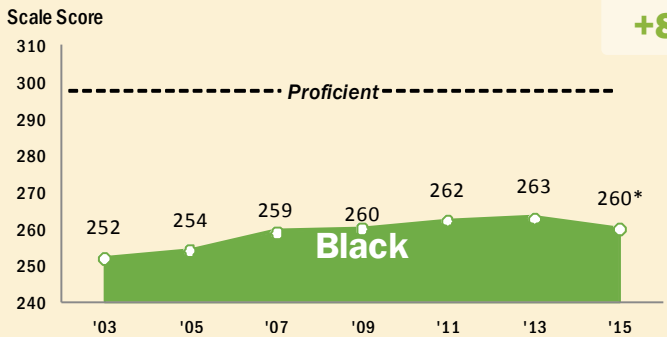
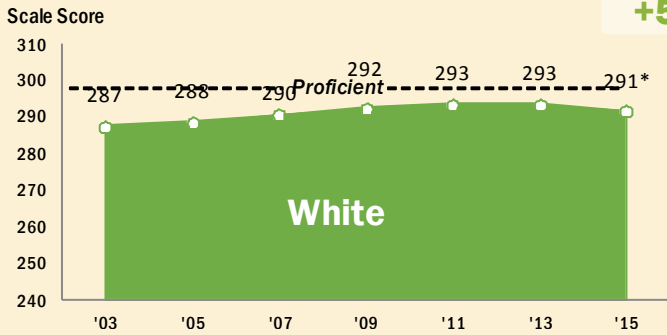
Grade 8 Mathematics

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NATION TREND LINES



ALASKA TREND LINES

