Oklahoma

Mathematics Grade 4

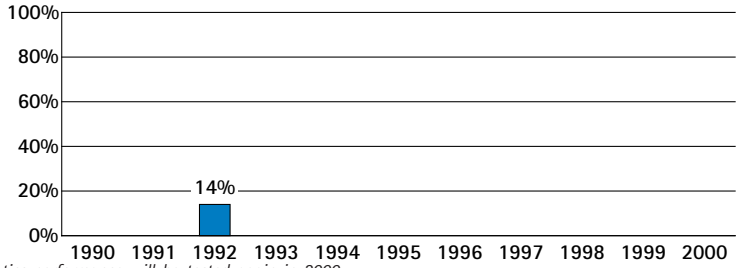
1. Improvement Over Time

Have Oklahoma's 4th graders improved in mathematics achievement?

In 1992, 14% of Oklahoma's public school 4th graders met the Goals Panel's performance standard in mathematics. The Goals Panel will report whether mathematics performance has improved over time when mathematics is assessed again in 2000.

The Goals Panel has set its performance standard at the two highest levels of achievement — Proficient or Advanced — on the National Assessment of Educational Progress, or NAEP.

Percentage of public school 4th graders at or above Proficient on the NAEP mathematics assessment



Mathematics performance will be tested again in 2000.

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state list

2. State Comparisons

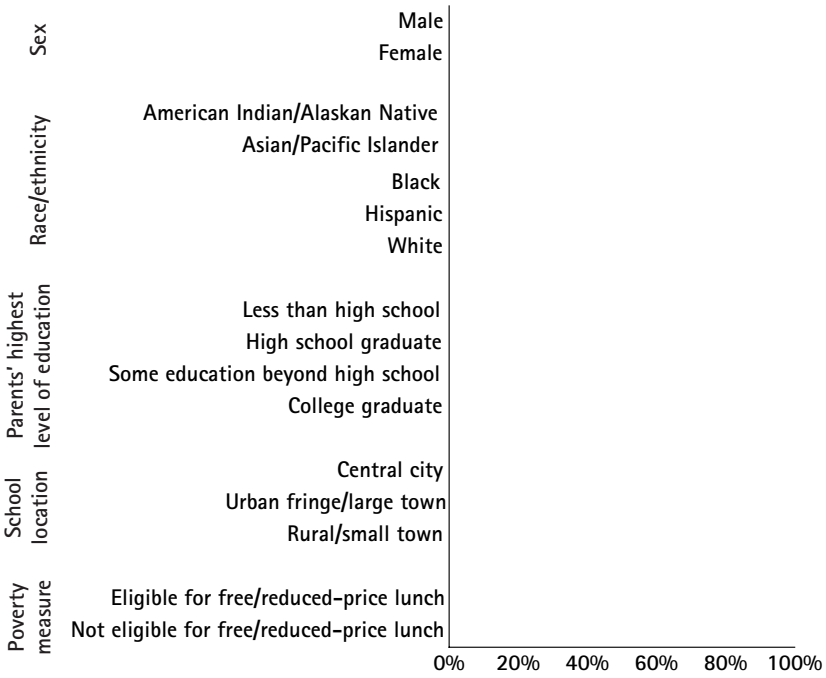
How did Oklahoma compare with other states in 4th grade mathematics achievement in public schools in 1996?

Oklahoma did not participate in NAEP mathematics in 1996.

3. Subgroup Performance

What percentages of public school 4th graders in different subgroups in Oklahoma were at or above Proficient on the 1996 NAEP mathematics assessment?

Oklahoma did not participate in NAEP mathematics in 1996.



See Appendix A for definitions, sources, and technical notes.

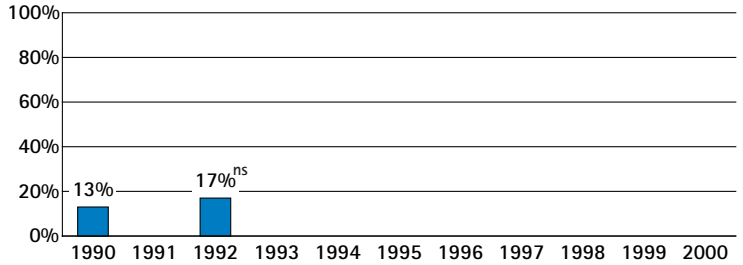
1. Improvement Over Time

Have Oklahoma's 8th graders improved in mathematics achievement?

Not yet. Between 1990 and 1992, there was no significant change in the percentage of public school 8th graders who met the Goals Panel's performance standard in mathematics.

The Goals Panel has set its performance standard at the two highest levels of achievement — Proficient or Advanced — on the National Assessment of Educational Progress, or NAEP.

Percentage of public school 8th graders at or above Proficient on the NAEP mathematics assessment



ns Interpret with caution. Change was not statistically significant.
Mathematics performance will be tested again in 2000.

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2. State Comparisons

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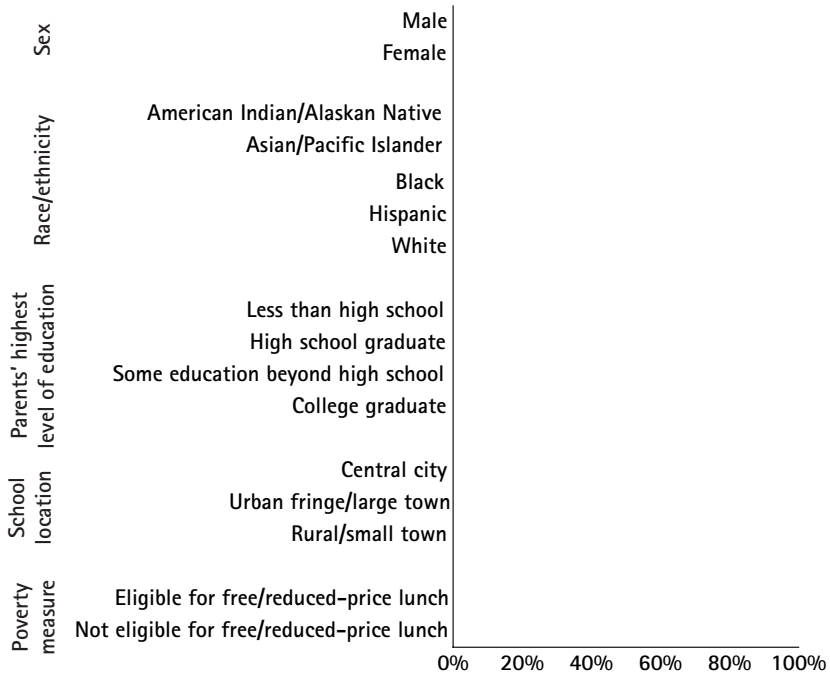


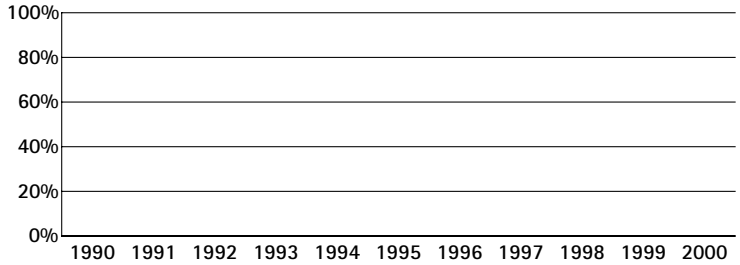
See Appendix A for definitions, sources, and technical notes.

1. Improvement Over Time

Have Oklahoma's 8th graders improved in science achievement?

Oklahoma did not participate in NAEP science in 1996.

Percentage of public school 8th graders at or above Proficient on the NAEP science assessment



Science performance will be tested again in 2000.

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2. State Comparisons

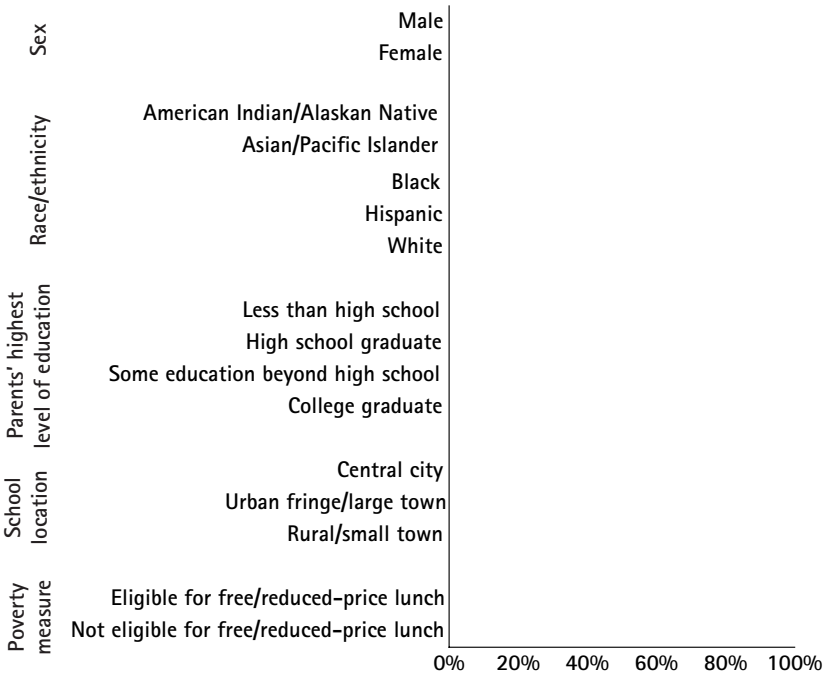
How did Oklahoma compare with other states in 8th grade science achievement in public schools in 1996?

Oklahoma did not participate in NAEP science in 1996.

3. Subgroup Performance

What percentages of public school 8th graders in different subgroups in Oklahoma were at or above Proficient on the 1996 NAEP science assessment?

Oklahoma did not participate in NAEP science in 1996.



See Appendix A for definitions, sources, and technical notes.

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Mathematics Grade 8

Forty-one nations† participated in the Third International Mathematics and Science Study (TIMSS) in 8th grade mathematics in 1995. If public school 8th graders in Oklahoma participated in the TIMSS mathematics assessment, how would their average performance compare to that of students who took TIMSS in these nations?

It is not possible to predict how students in Oklahoma would have performed on TIMSS, because the estimate is based on scores from the 1996 NAEP mathematics assessment. Oklahoma did not participate in NAEP mathematics in Grade 8 in 1996.

† The term "nation" is used to refer to nations, states, or jurisdictions. Performance for nations is based on both public and nonpublic school data. Nations not meeting international guidelines are shown in parentheses.

Science Grade 8

Forty-one nations† participated in the Third International Mathematics and Science Study (TIMSS) in 8th grade science in 1995. If public school 8th graders in Oklahoma participated in the TIMSS science assessment, how would their average performance compare to that of students who took TIMSS in these nations?

It is not possible to predict how students in Oklahoma would have performed on TIMSS, because the estimate is based on scores from the 1996 NAEP science assessment. Oklahoma did not participate in NAEP science in 1996.

† The term "nation" is used to refer to nations, states, or jurisdictions. Performance for nations is based on both public and nonpublic school data. Nations not meeting international guidelines are shown in parentheses.

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