

# National Assessment Educational Progress (NAEP) 2015 Results

Created October 30, 2015;  
Updated November 6, 2015

# About 2015 NAEP Results

## **ABOUT THE TEST**

The National Assessment of Educational Progress is a test that monitors how student achievement changes over time and across states. NAEP has been administered in states since 1990, though not all 50 states began to participate consistently in NAEP until 2003.

## **ABOUT THESE SLIDES**

- Years of data availability vary by data point.
- Detail may not sum to totals because of rounding.
- In certain years, NAEP reported two sets of scores—one for tests with accommodations, and another score for tests without accommodations. In those cases, we used the scores for the tests administered with accommodations.
- For national comparisons, we use NAEP's sample of national public schools. We do so for two reasons:
  1. Our work is focused on public education, and
  2. National public schools provide the best comparison for state and district scores, which only include public schools.

# Context and Key Insights

## CALIFORNIA IN COMPARISON TO NATIONAL LANDSCAPE

**California continues to perform near the bottom.** Across the country, California ranked:

- 49<sup>th</sup> in 4<sup>th</sup> grade reading
- 44<sup>th</sup> in 8<sup>th</sup> grade reading
- 48<sup>th</sup> in 4<sup>th</sup> grade math
- 41<sup>st</sup> in 8<sup>th</sup> grade math

**However, California has made significant gains.**

- Across all subjects, the percentage of students meeting or exceeding proficiency has increased from 2000 to 2015. California's greatest gains have been in 4<sup>th</sup> grade math: from 2000 to 2015, students meeting or exceeding proficiency increased from 13 to 39 percent.
- Since 2003, California has been the fastest-improving state for students overall in 8<sup>th</sup> grade reading.

# Context and Key Insights

## CALIFORNIA RESULTS BY RACE

**While Black-White and Latino-White gaps have narrowed over time, they are not closing fast enough.**

- California made the greatest improvement in 4<sup>th</sup> grade math.
  - From 1992 to 2015, the Black-White gap narrowed by 8 points, and the Latino-White gap narrowed by 6 points.
  - This trend is consistent with the nation, where students of color are making larger gains than White students.
- However, significant gaps remain across all grades and all subjects. The Black-White gaps vary between 23 to 33 points and the Latino-White gaps vary between 24 to 30 points.

# Context and Key Insights

## **CALIFORNIA RESULTS BY INCOME STATUS**

**California has made some progress in narrowing the income gap, but a sizable gap still remains.**

- In 8<sup>th</sup> grade reading, performance for low-income students rose by 11 points from 2003 to 2015 – behind only Arizona.
- However, the income gap in 4<sup>th</sup> grade reading has stayed stagnant at 28 points between 1996 and 2015. Compared to the nation, income gaps in 4<sup>th</sup> grade are slightly larger than those nationwide.

# Context and Key Insights

## CALIFORNIA RESULTS BY ENGLISH LEARNER STATUS

**The gap between English learners and non-English learners has consistently widened across reading and math in 4<sup>th</sup> and 8<sup>th</sup> grades.**

- The gap widened the most in 8<sup>th</sup> grade reading, from 32 points in 1998 to 51 points in 2015—a gap of 19 points.
- Across other tests, the gap increased 6 to 8 points over the period that data is available.

# Context and Key Insights

## CALIFORNIA RESULTS BY DISTRICT

In addition to statewide results, NAEP produces results for selected urban public districts across the country through the Trial Urban District Assessment (TUDA) program. Within California, NAEP results are available for Fresno Unified School District, Los Angeles Unified School District, and San Diego Unified School District. Of the 21 districts across the country participating in NAEP:

**Fresno is consistently among the lowest-performing districts across all grades and subjects.** For African American and Latino students, Fresno has the lowest 8<sup>th</sup> grade math performance of any participating district.

**Los Angeles and San Diego are among the faster-improving districts in 8<sup>th</sup> grade reading and math.** In 8<sup>th</sup> grade reading, Los Angeles' low-income students have improved by 17 points since 2003 – the largest increase of any participating district. In 8<sup>th</sup> grade math, Los Angeles is also the fastest-improving district for African Americans across the country.

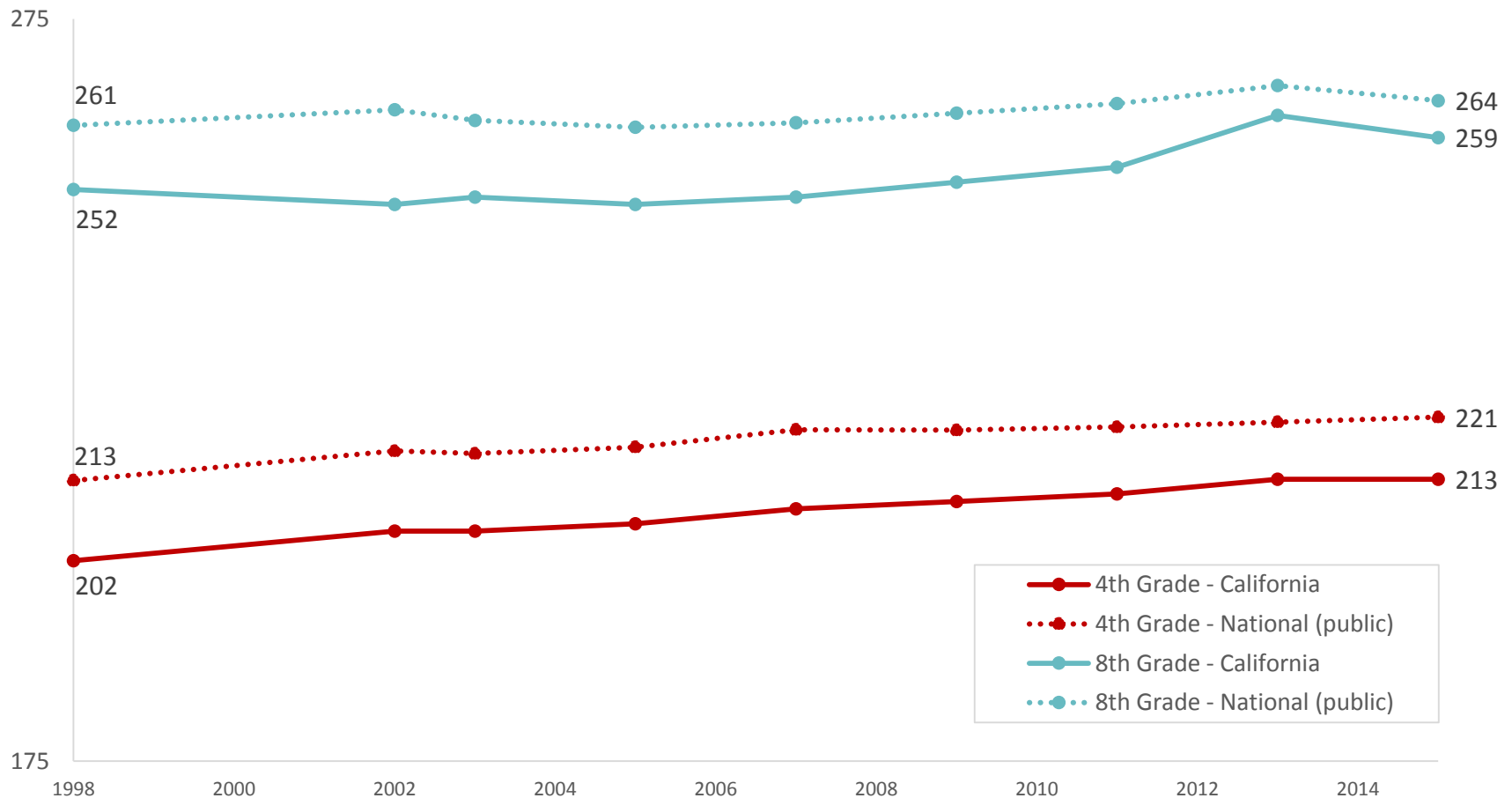
# Results: California in Comparison to National Landscape

For national comparisons, we use NAEP's sample of national public schools. We do so for two reasons:

1. Our work is focused on public education, and
2. National public schools provide the best comparison for state and district scores, which only include public schools.

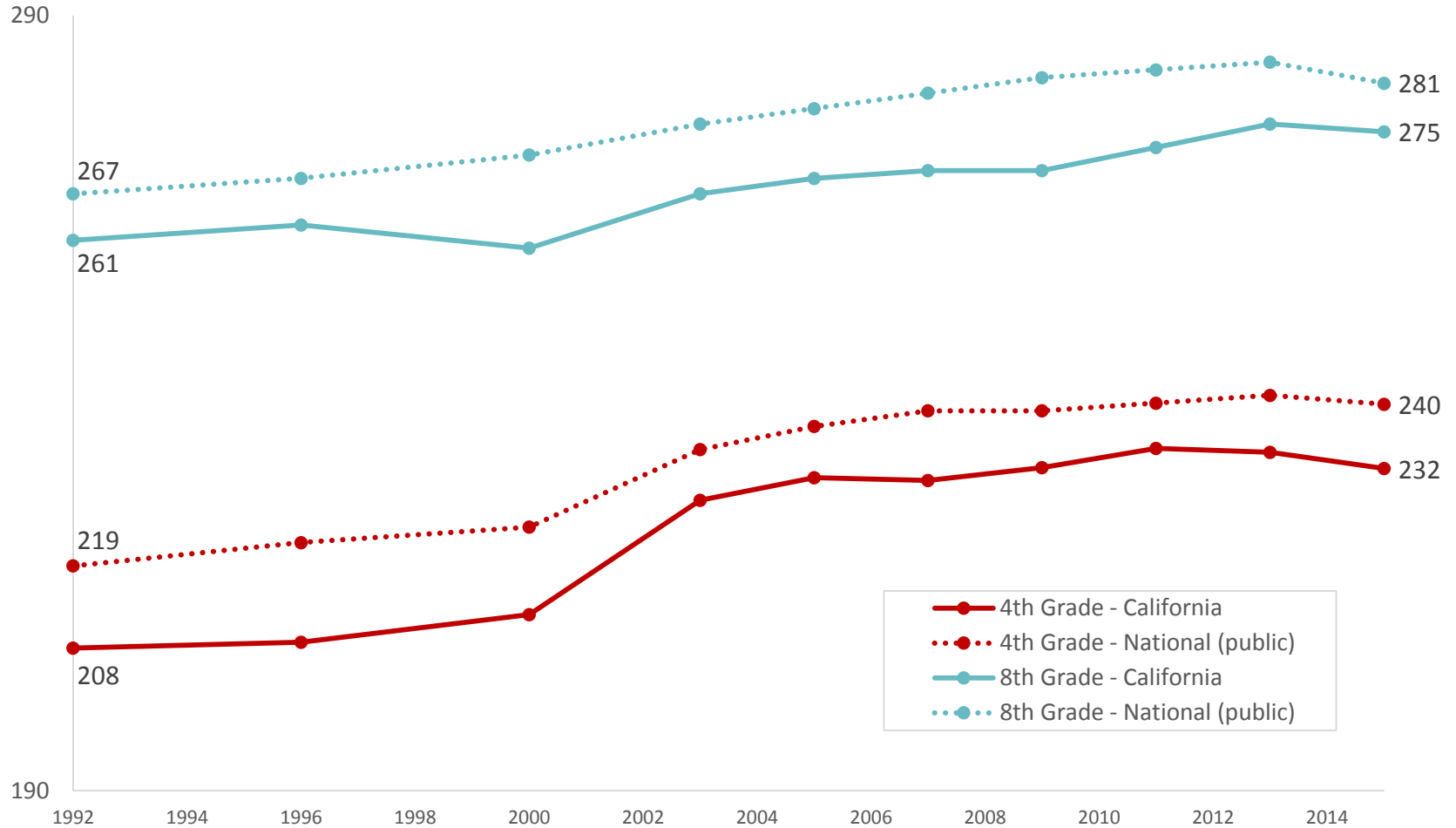


# Achievement on NAEP 4<sup>th</sup> and 8<sup>th</sup> Grade Reading, California vs. National



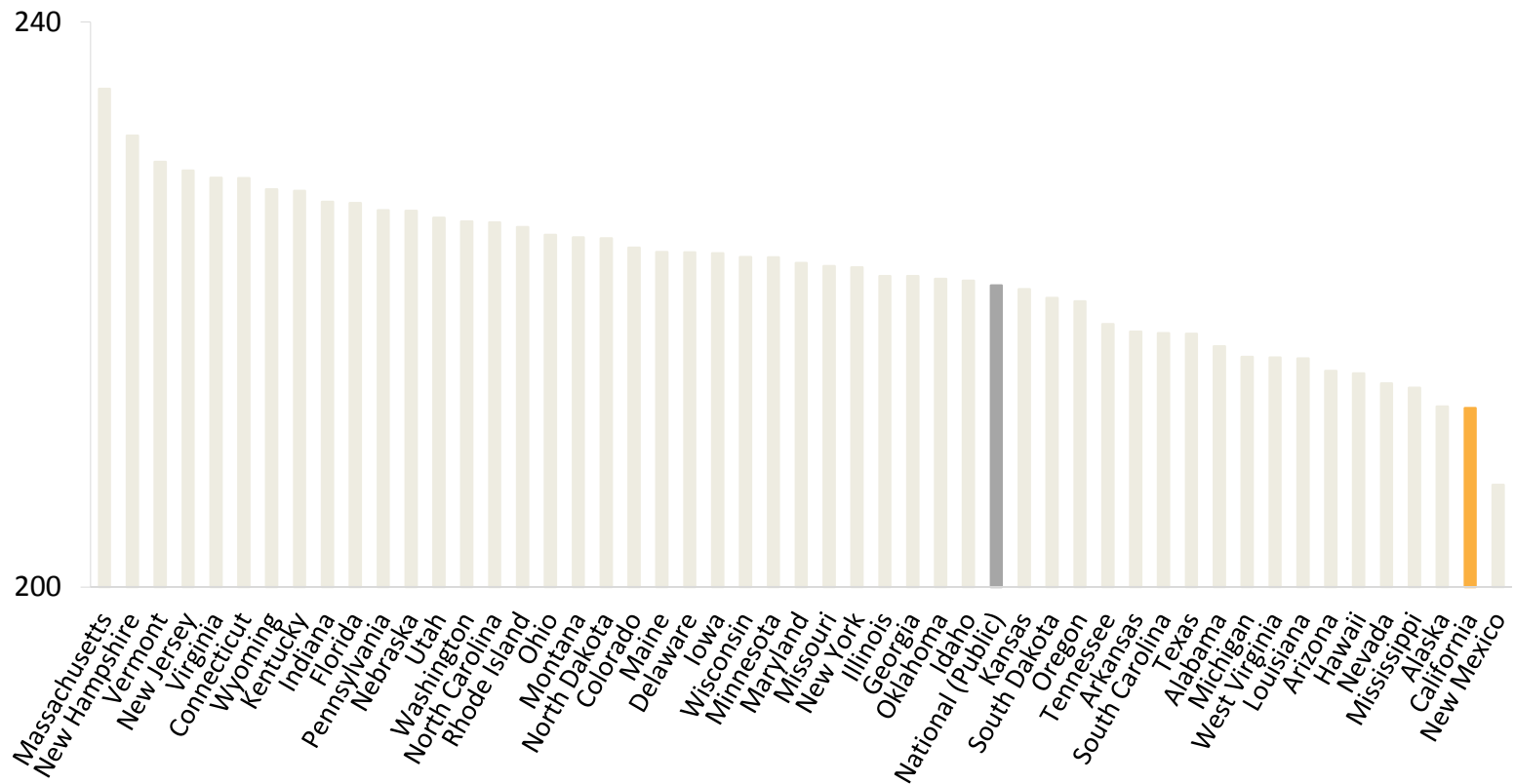
Source: National Assessment of Educational Progress.

# Achievement on NAEP 4<sup>th</sup> and 8<sup>th</sup> Grade Math, California vs. National



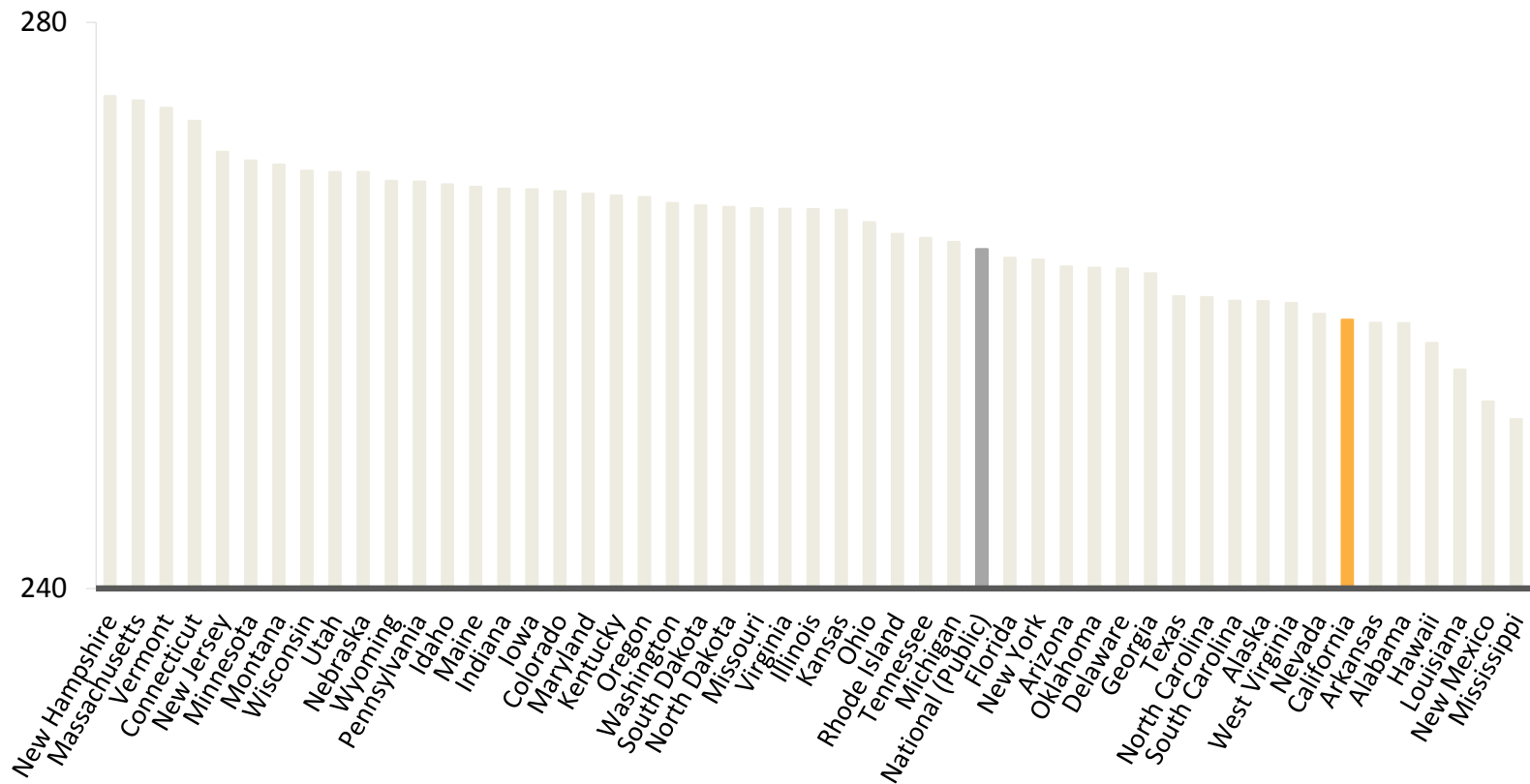
Source: National Assessment of Educational Progress.

# Achievement on NAEP 4<sup>th</sup> Grade Reading, California vs. Other States



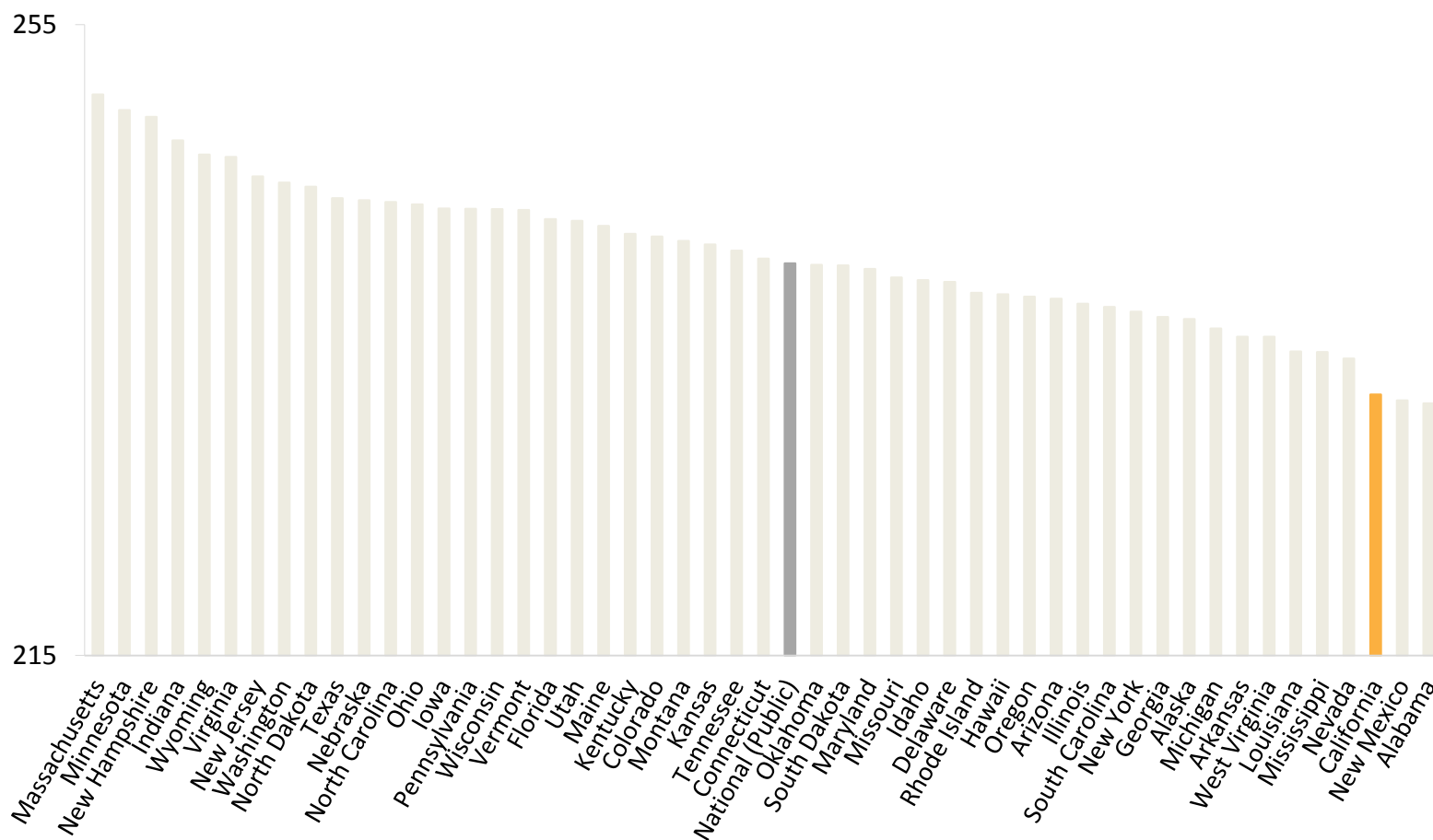
Source: National Assessment of Educational Progress.

# Achievement on NAEP 8<sup>th</sup> Grade Reading, California vs. Other States



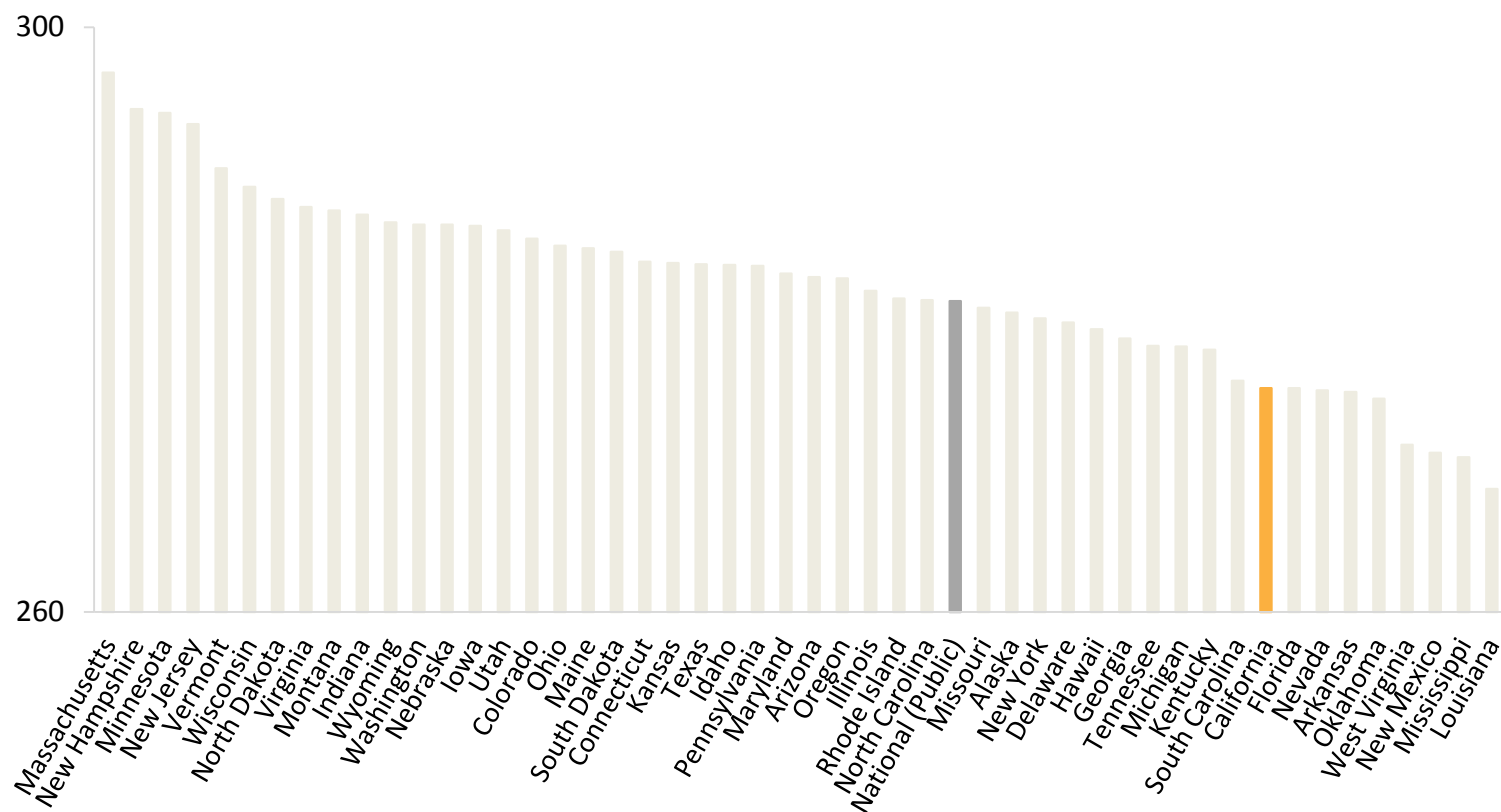
Source: National Assessment of Educational Progress.

# Achievement on NAEP 4<sup>th</sup> Grade Math, California vs. Other States



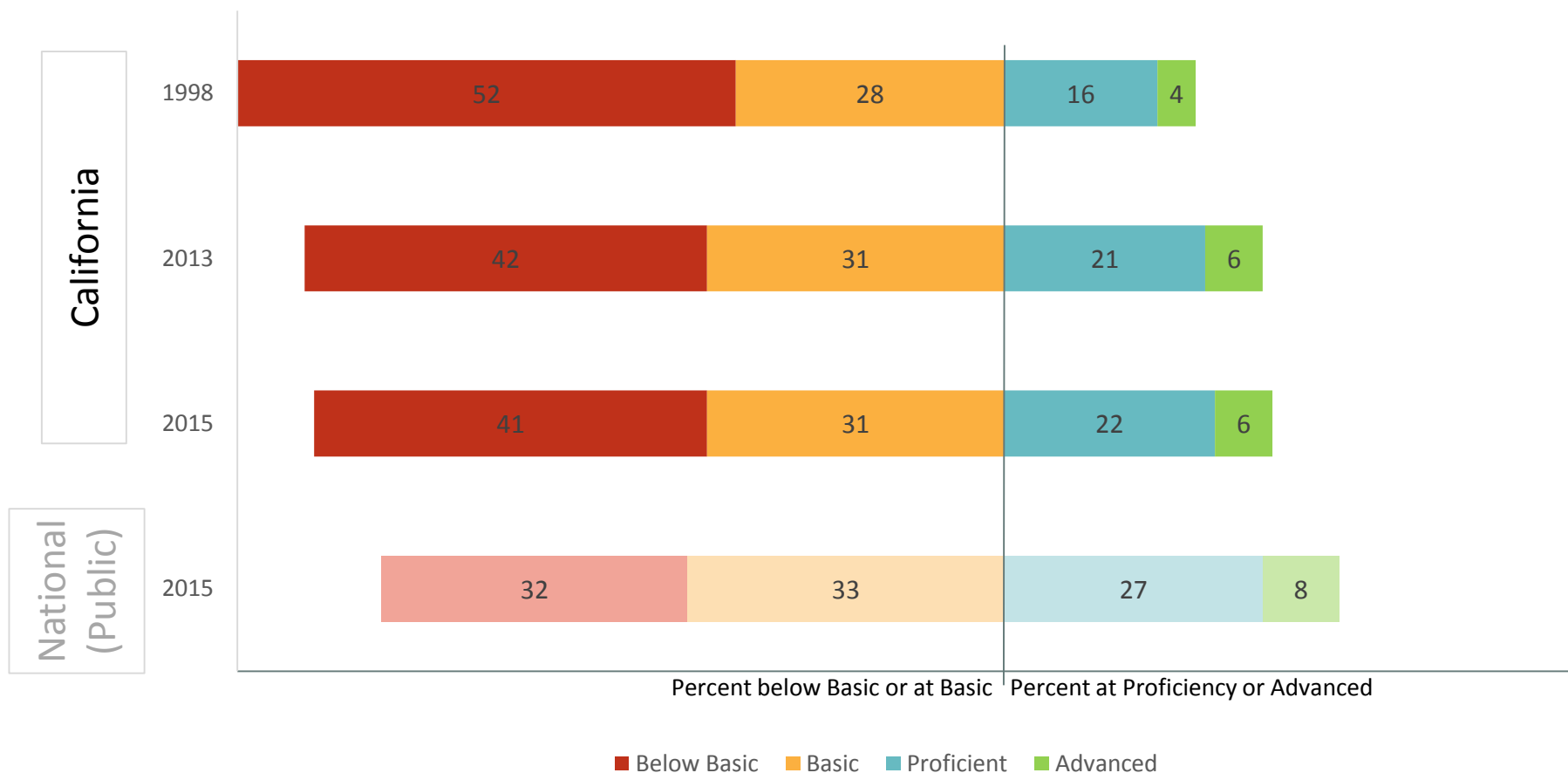
Source: National Assessment of Educational Progress.

# Achievement on NAEP 8<sup>th</sup> Grade Math, California vs. Other States



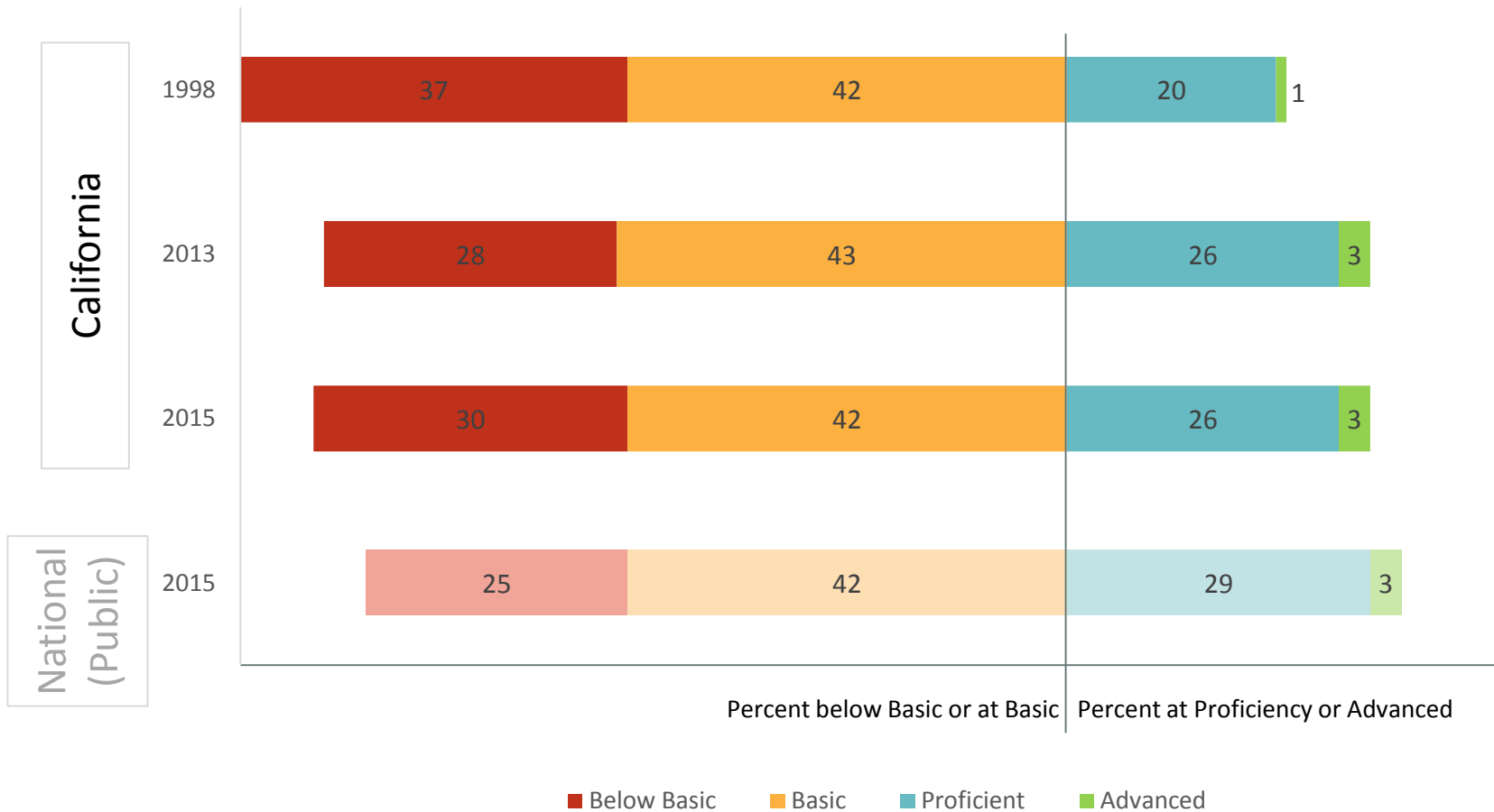
Source: National Assessment of Educational Progress.

# Proficiency on NAEP 4<sup>th</sup> Grade Reading, California vs. National



Source: National Assessment of Educational Progress. California 2000 data was significantly different ( $p < .05$ ) from state's results in 2015. Significance tests were performed using unrounded numbers. Detail may not sum to totals because of rounding.

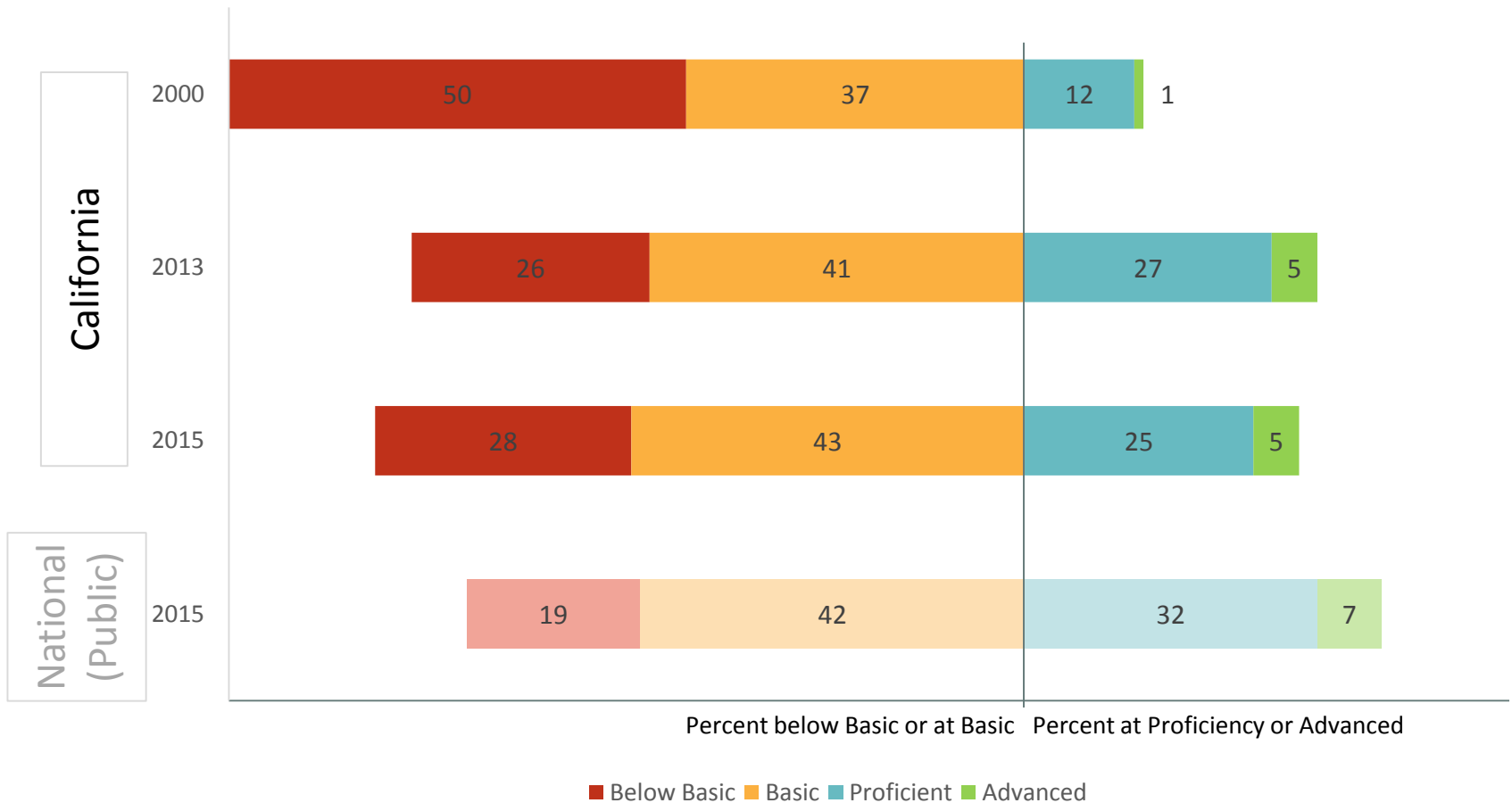
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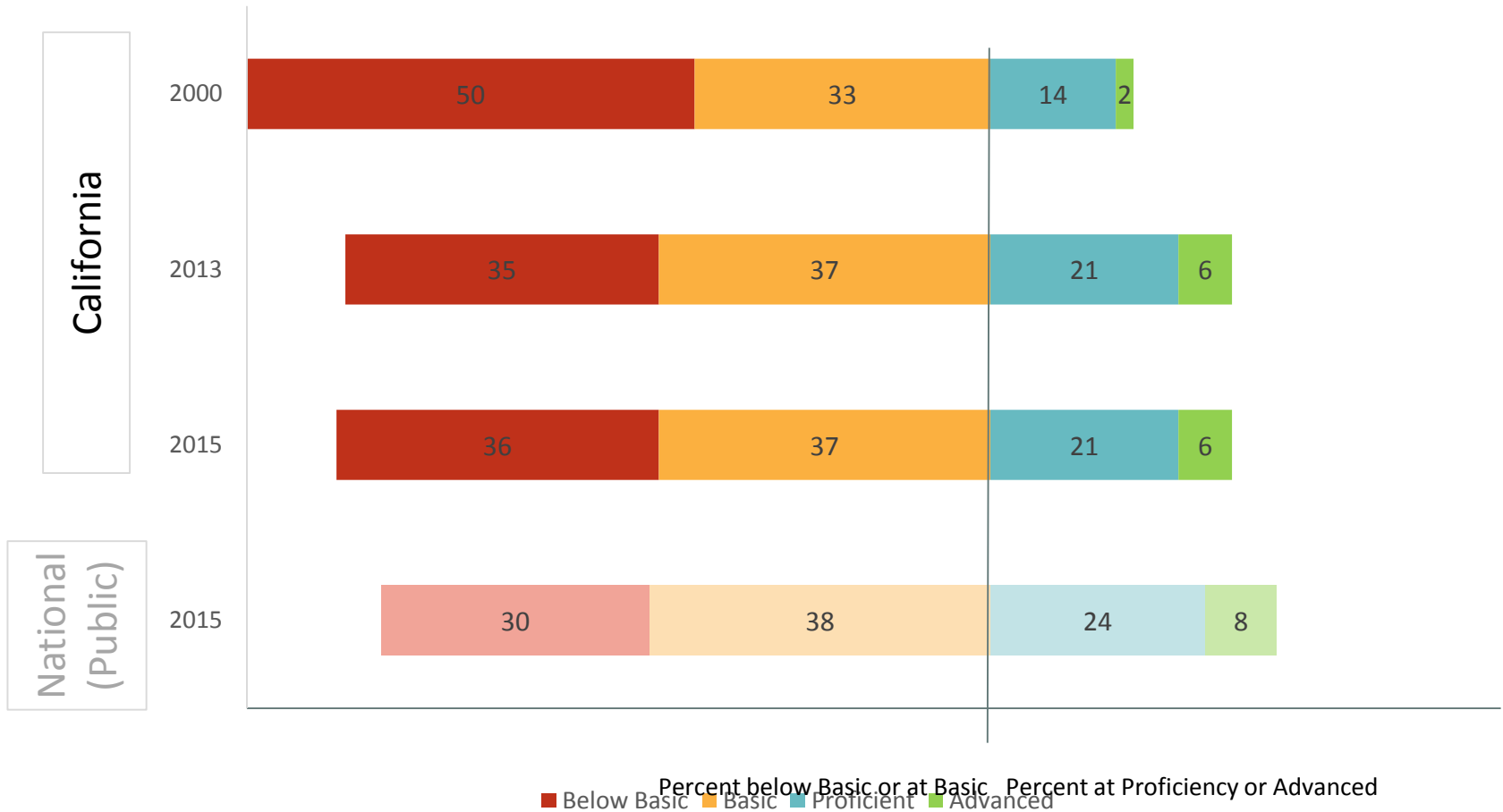


# Proficiency on NAEP 4<sup>th</sup> Grade Math, California vs. National



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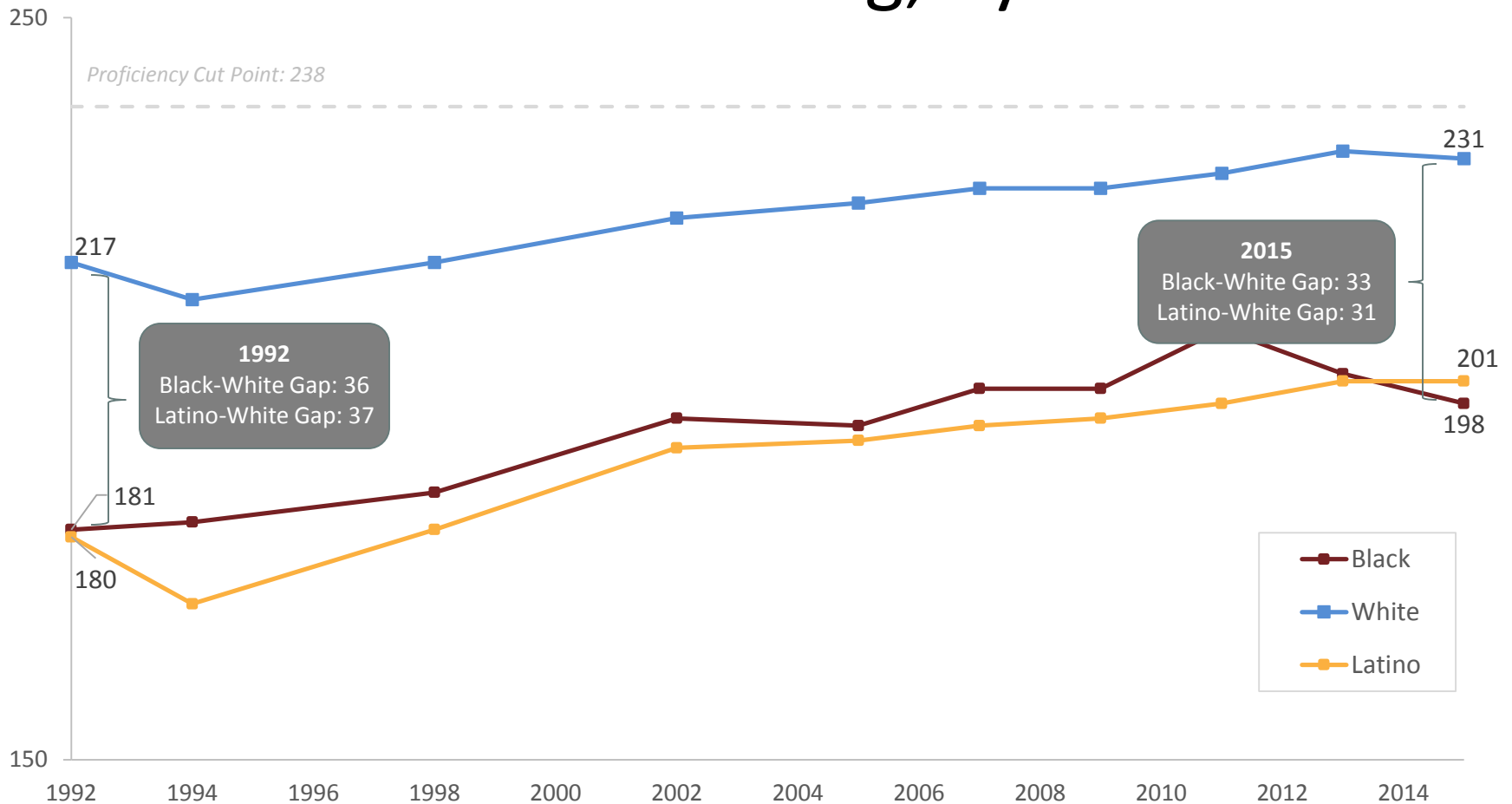
# Proficiency on NAEP 8<sup>th</sup> Grade Math, California vs. National



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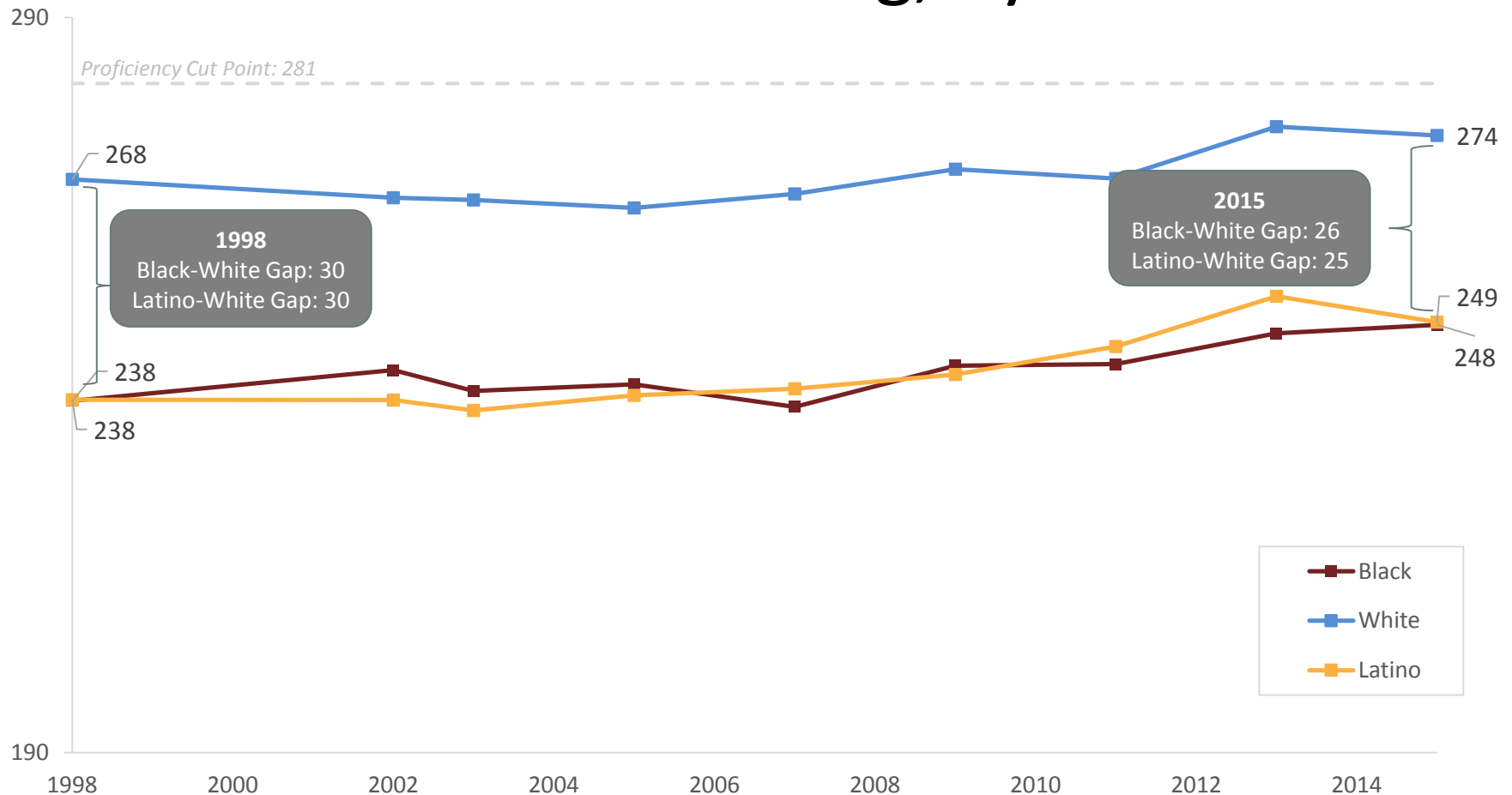
# Results: California Achievement by Race

# California Achievement on NAEP 4<sup>th</sup> Grade Reading, by Race



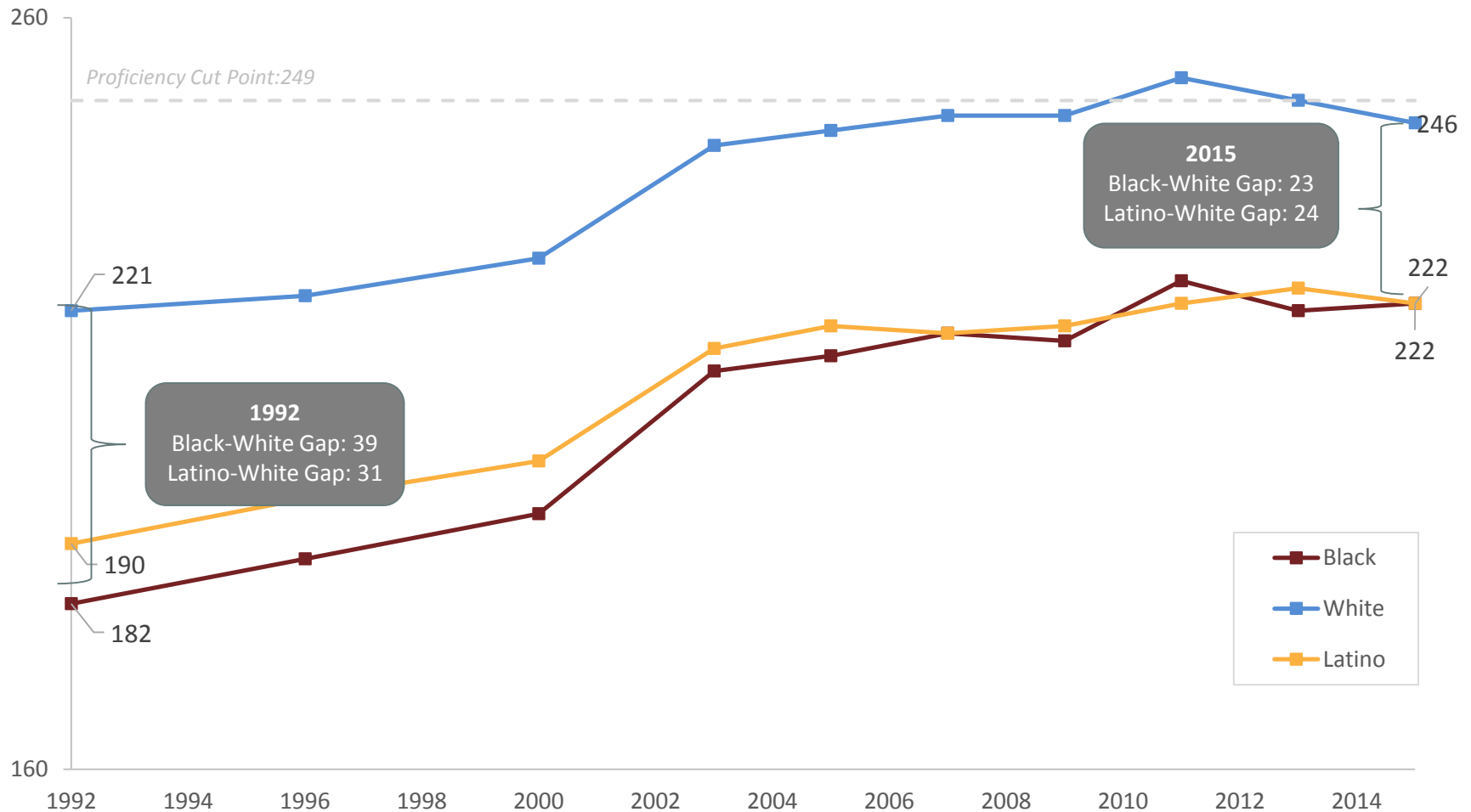
Source: National Assessment Educational Progress. Detail may not sum to totals because of rounding.

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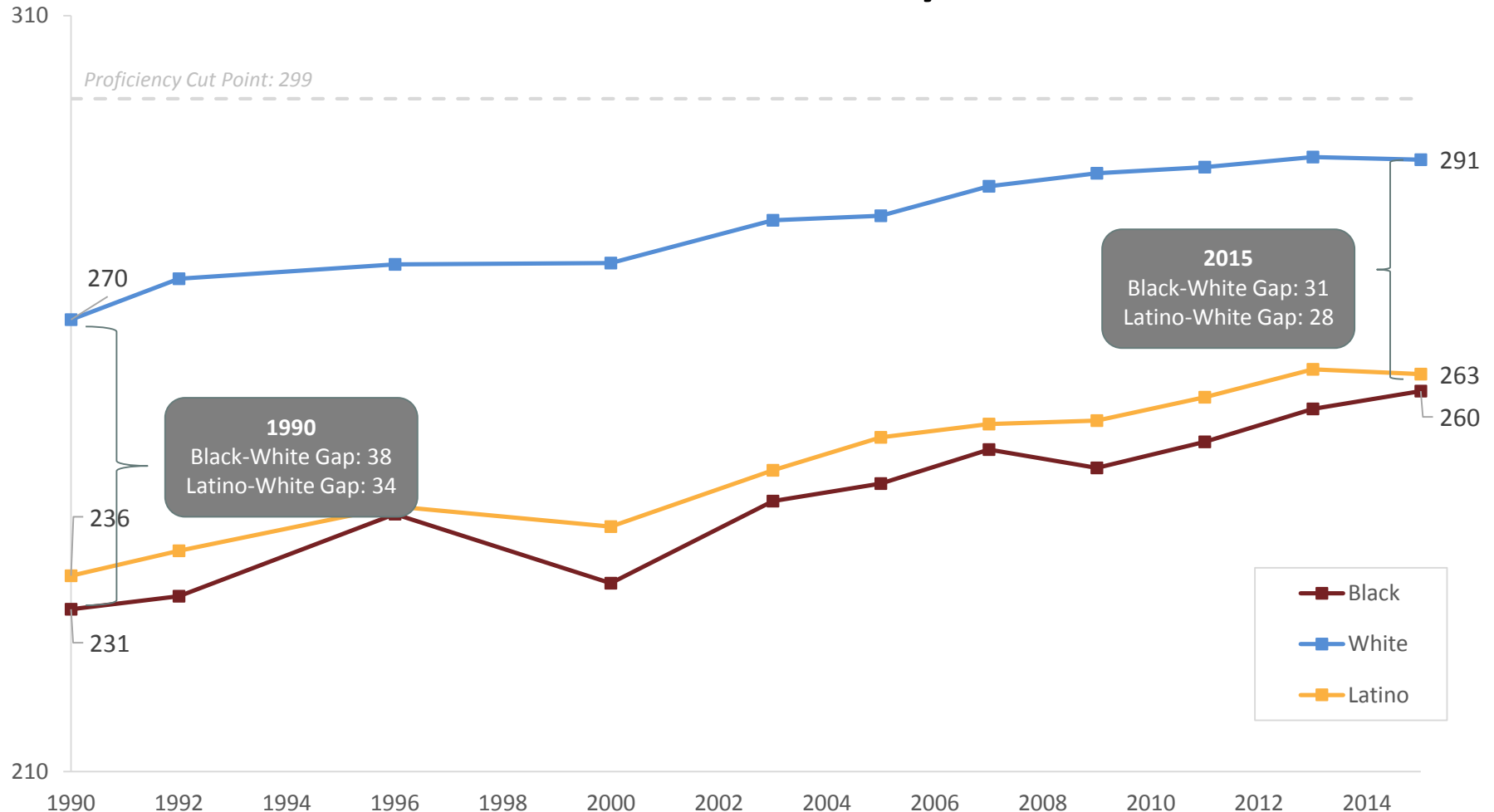
Source: National Assessment Educational Progress.

# California Achievement on NAEP 4<sup>th</sup> Grade Math, by Race



Source: National Assessment Educational Progress. Detail may not sum to totals because of rounding.

# California Achievement on NAEP 8<sup>th</sup> Grade Math, by Race

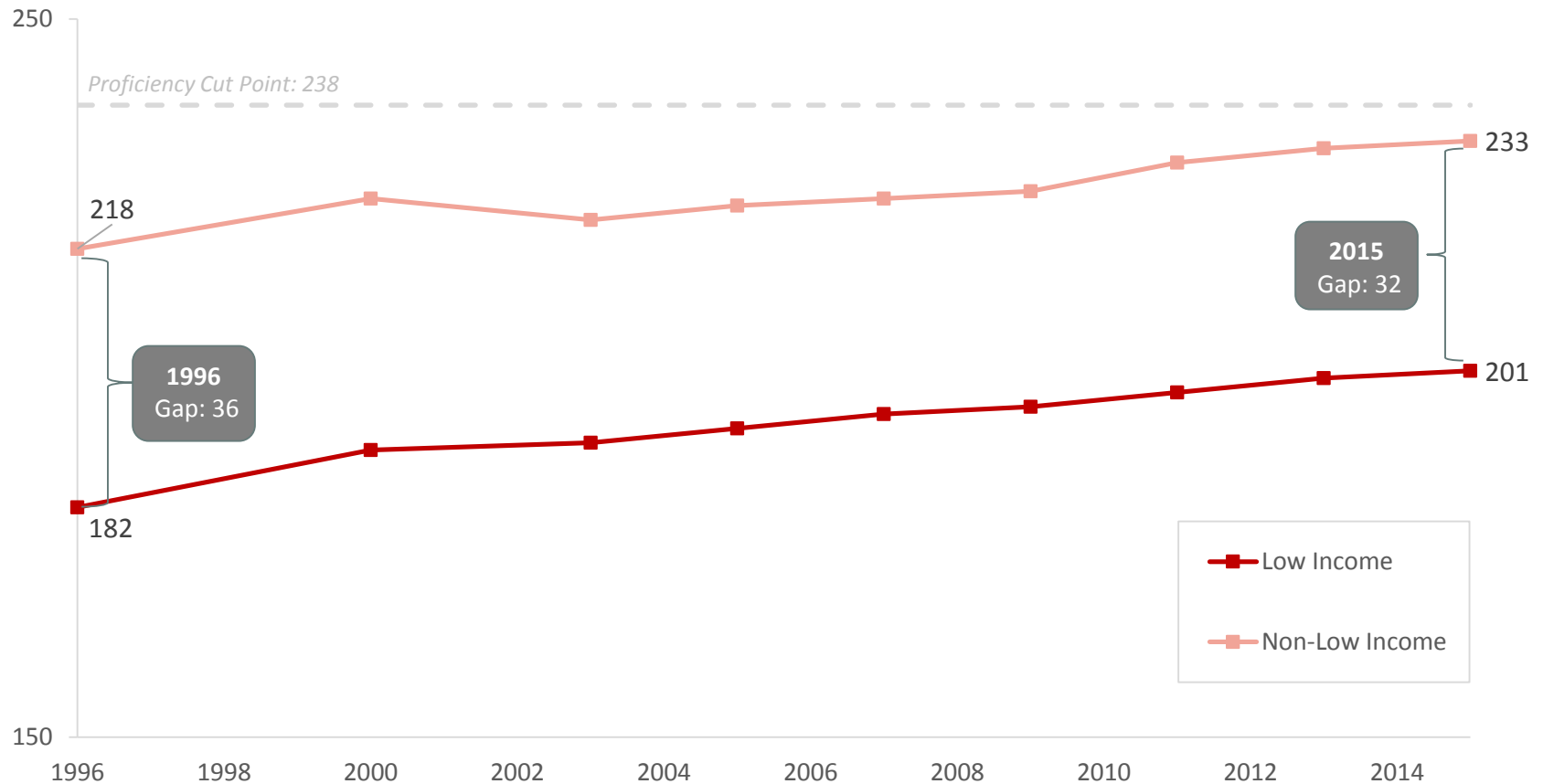


Source: National Assessment Educational Progress. Detail may not sum to totals because of rounding.

# Results: California Achievement by Income Status

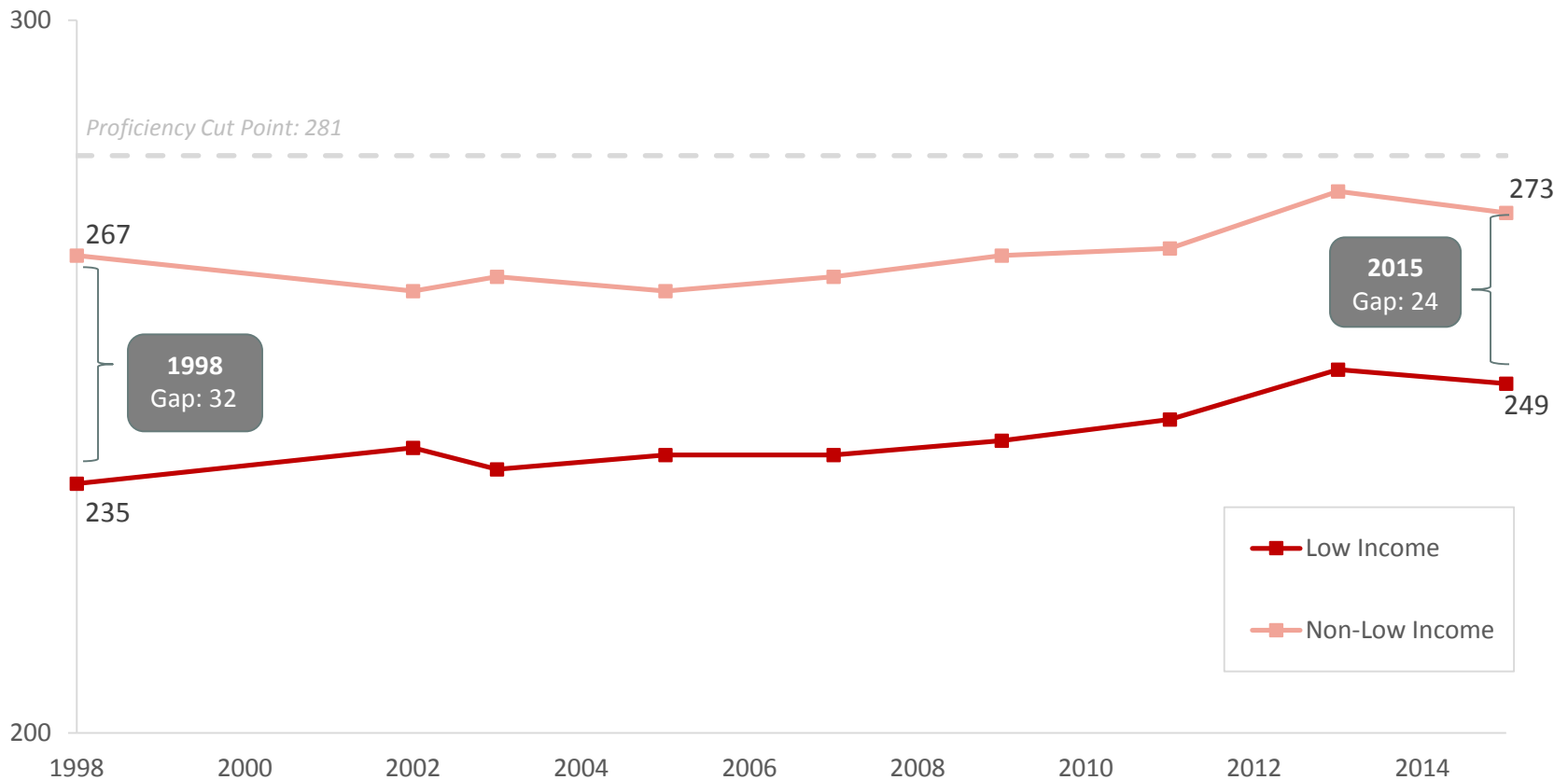


# California Achievement on NAEP 4<sup>th</sup> Grade Reading, by Income Status



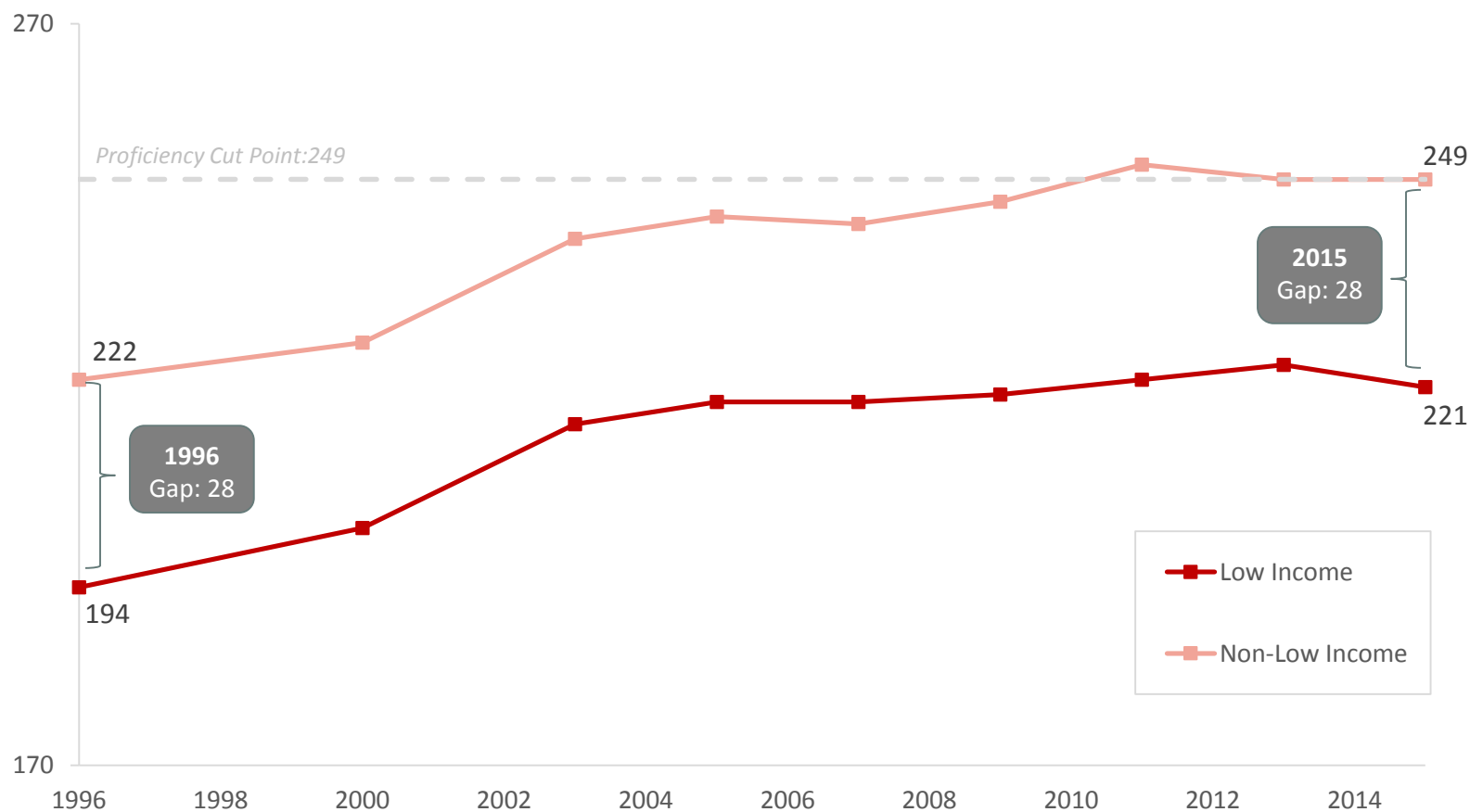
Source: National Assessment Educational Progress.

# California Achievement on NAEP 8<sup>th</sup> Grade Reading, by Income Status



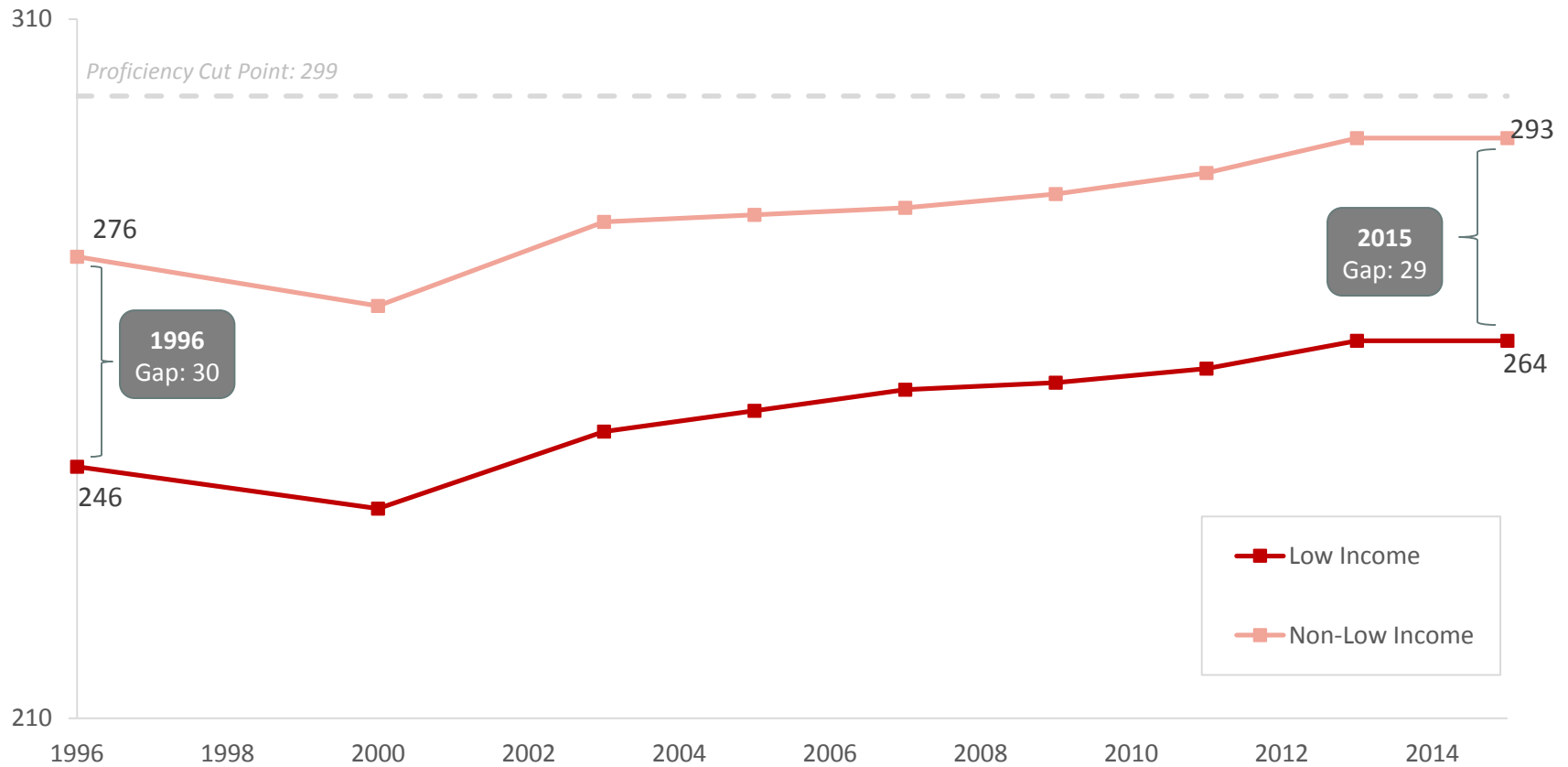
Source: National Assessment Educational Progress.

# California Achievement on NAEP 4<sup>th</sup> Grade Math, by Income Status



Source: National Assessment Educational Progress.

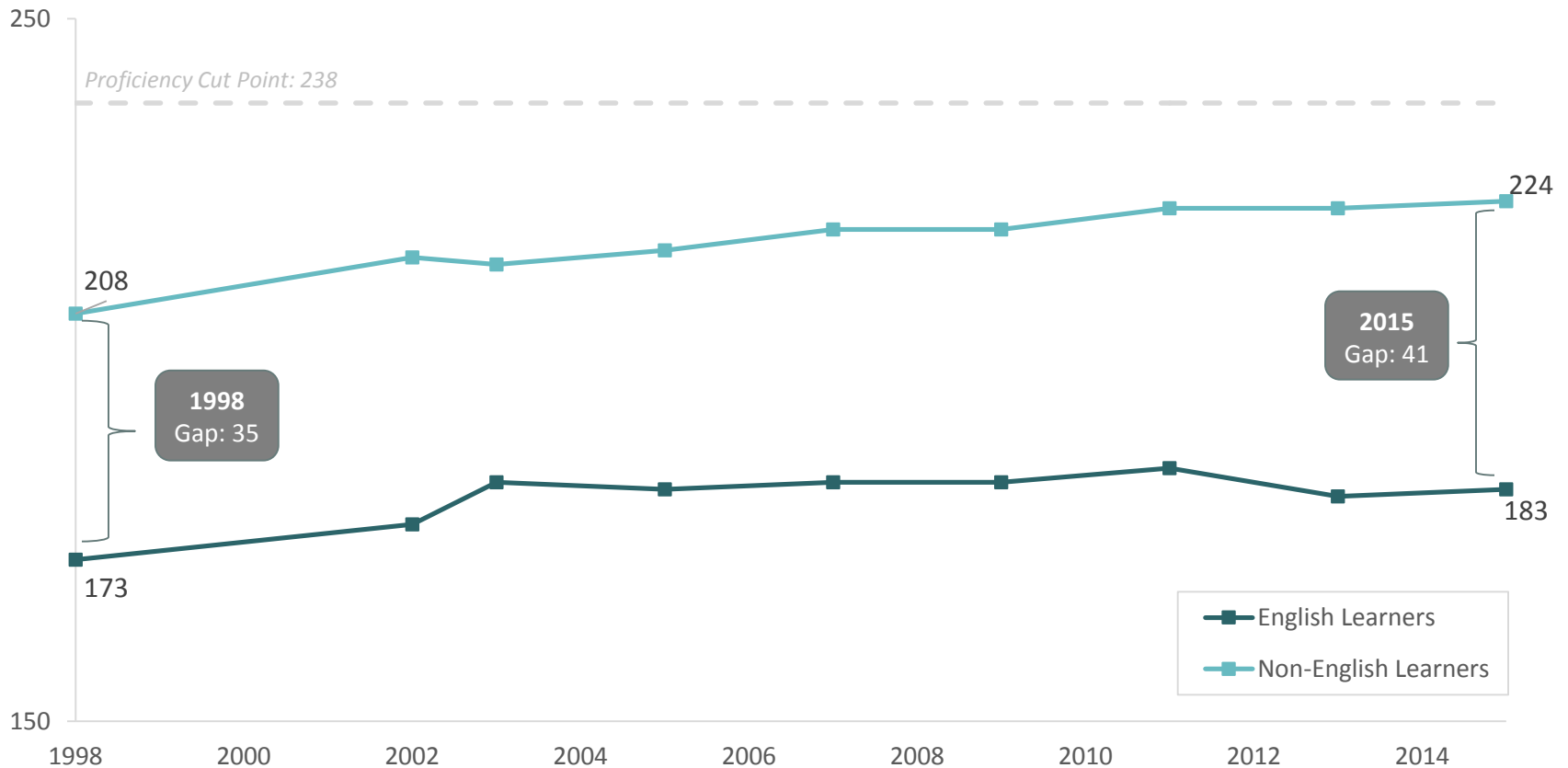
# California Achievement on NAEP 8<sup>th</sup> Grade Math, by Income Status



Source: National Assessment Educational Progress.

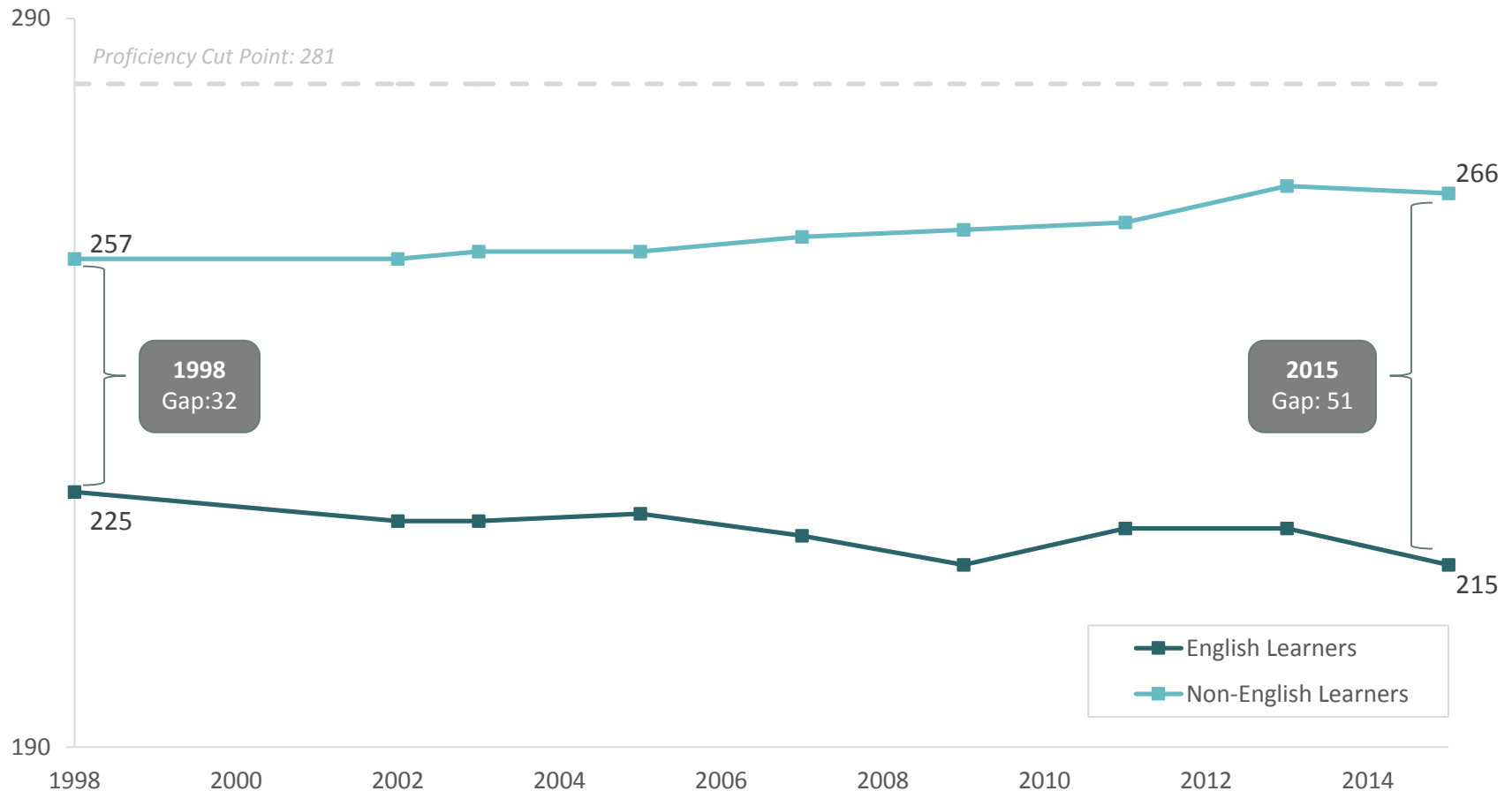
# Results: California Achievement by English Learner Status

# California Achievement on NAEP 4<sup>th</sup> Grade Reading, by English Learner Status



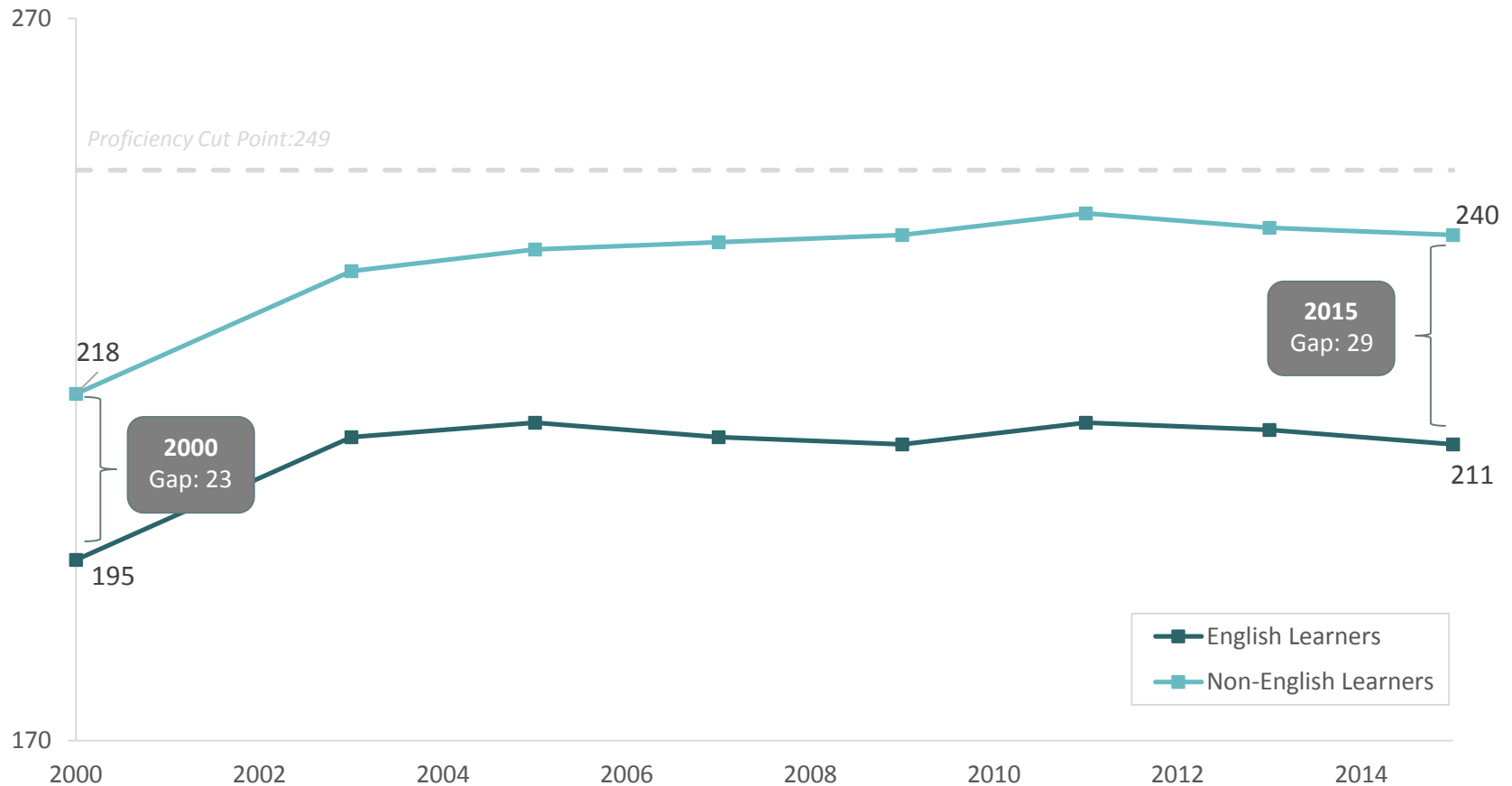
Source: National Assessment Educational Progress.

# California Achievement on NAEP 8<sup>th</sup> Grade Reading, by English Learner Status



Source: National Assessment Educational Progress.

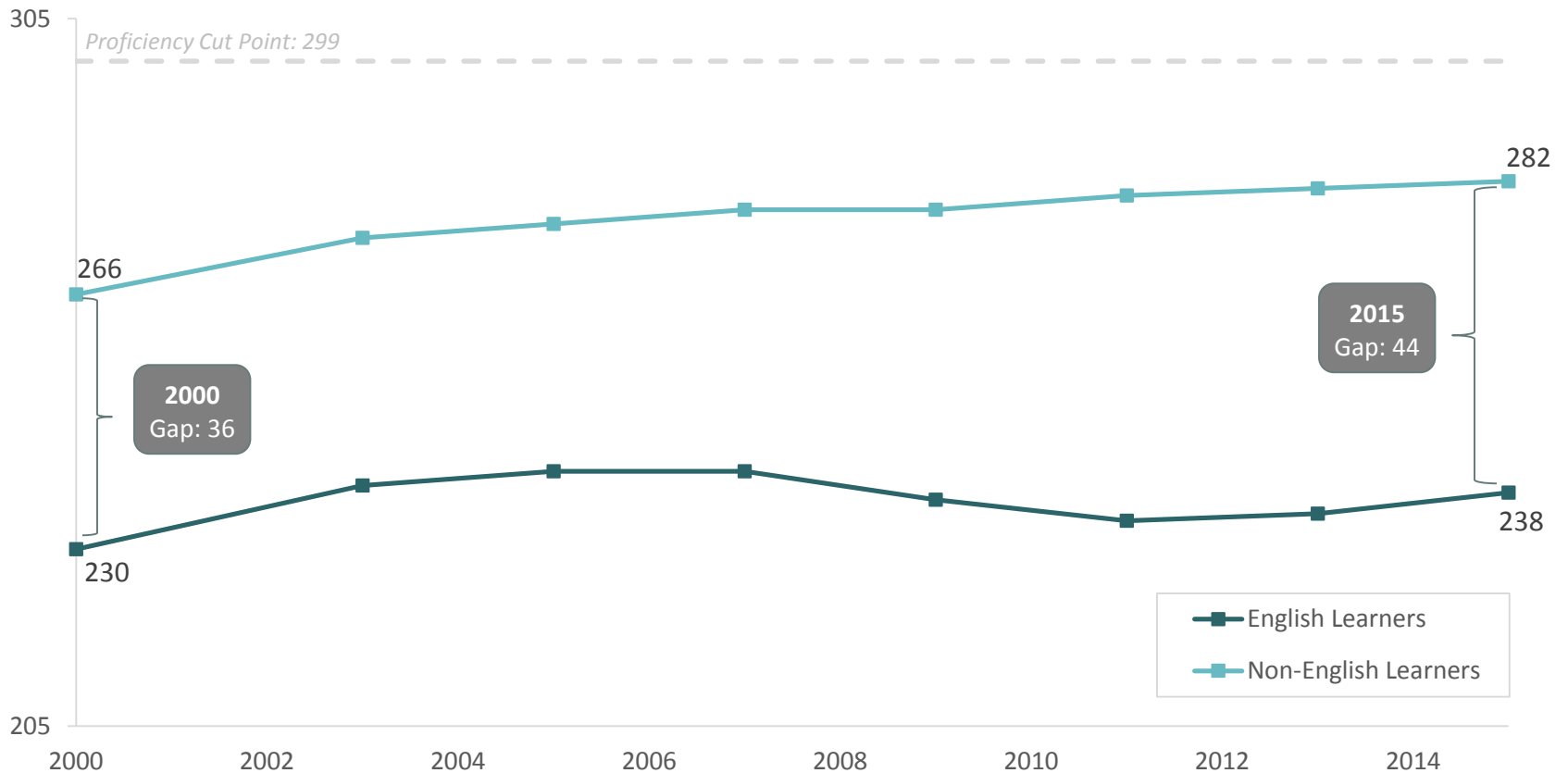
# California Achievement on NAEP 4<sup>th</sup> Grade Math, by English Learner Status



Source: National Assessment Educational Progress.



# California Achievement on NAEP 8<sup>th</sup> Grade Math, by English Learner Status

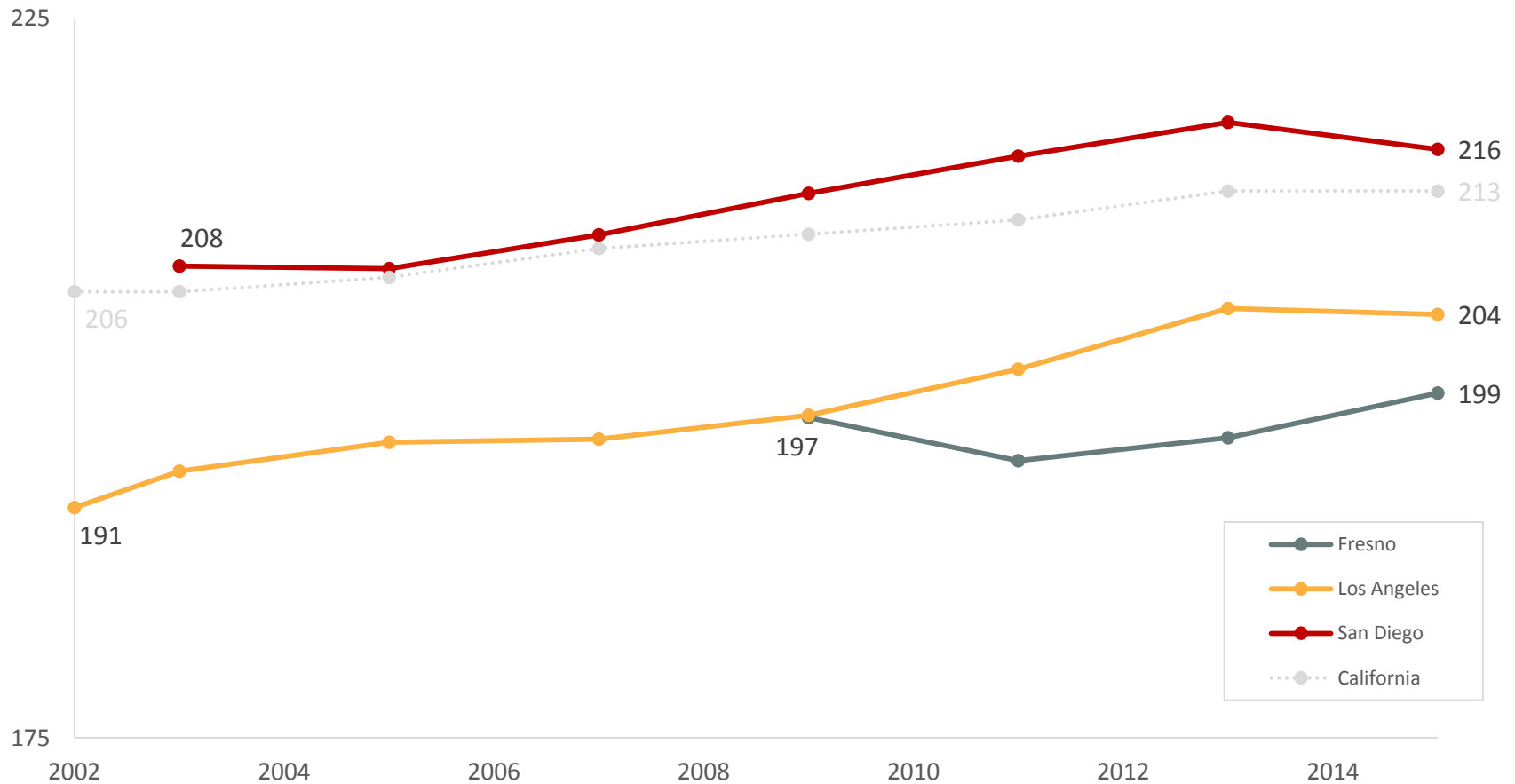


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# Results: District Achievement

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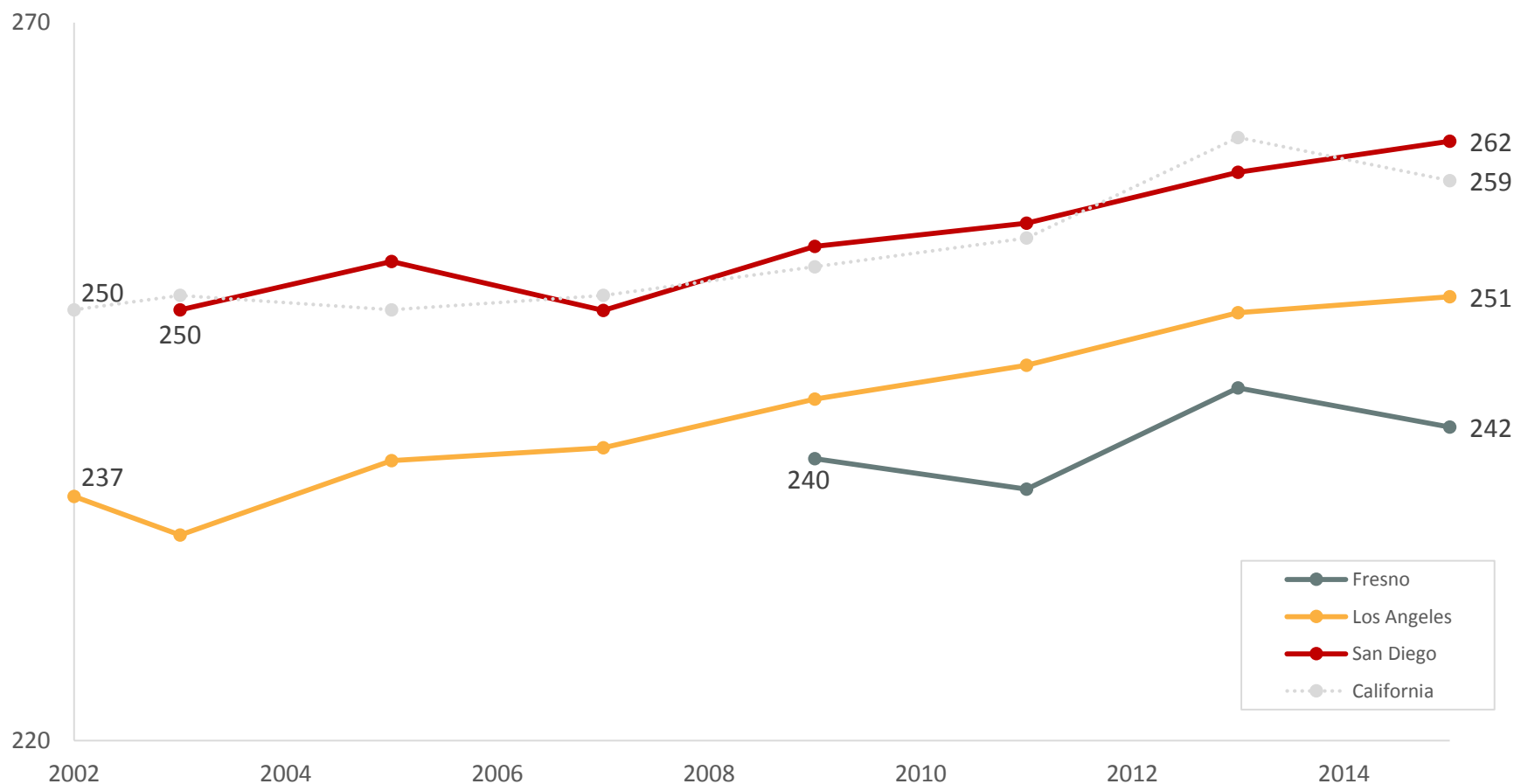
# District Achievement on NAEP 4<sup>th</sup> Grade Reading



Source: National Assessment of Educational Progress. San Diego data is only available for 2003 to 2015; Fresno data is only available for 2009 to 2015.

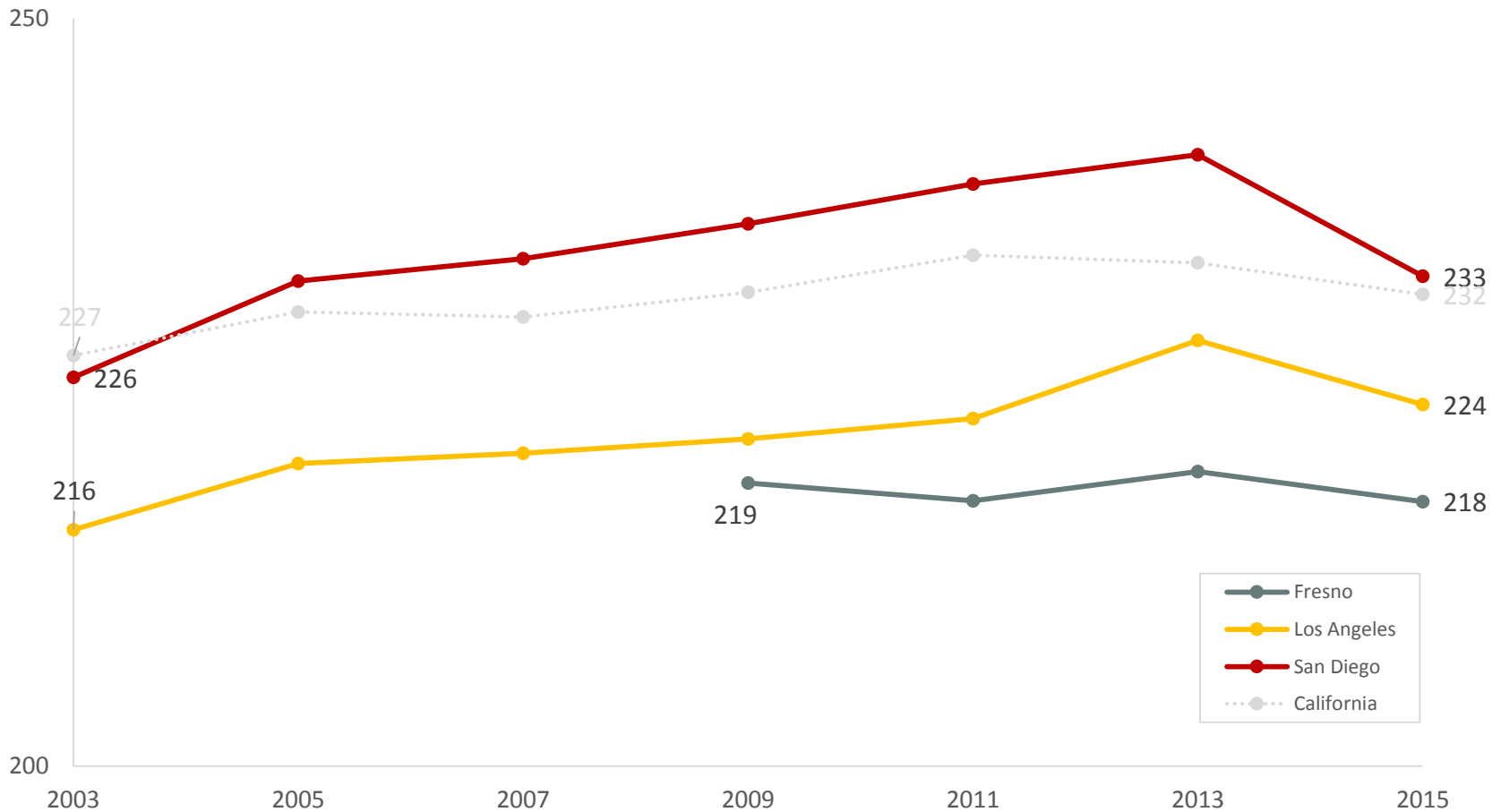
# District Achievement on NAEP

## 8<sup>th</sup> Grade Reading



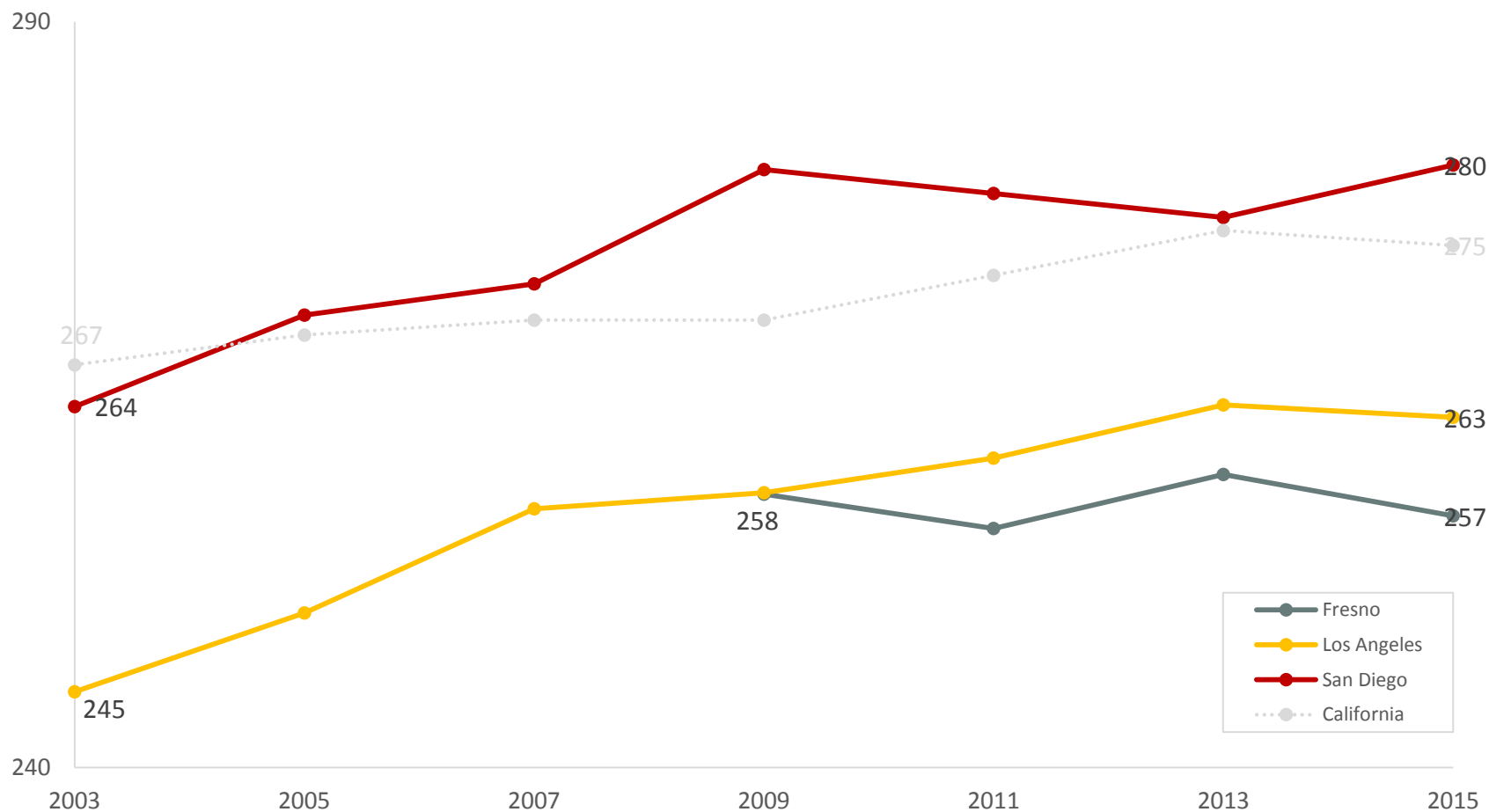
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# District Achievement on NAEP 4<sup>th</sup> Grade Math



Source: National Assessment of Educational Progress. Fresno data is only available for 2009 to 2015.

# District Achievement on NAEP 8<sup>th</sup> Grade Math



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