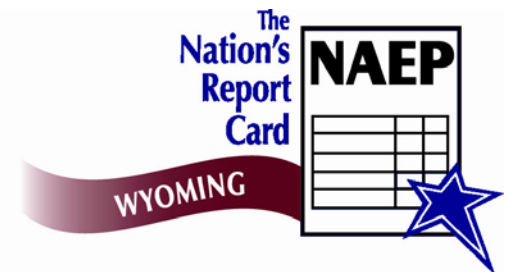


# The National Assessment of Educational Progress in Wyoming: Writing Results, 2007



# Overview

- Describe handouts, NAEP metrics
- Wyoming writing results for 2007
  - Results over time (since 1998)
  - National and cross-state comparisons
- Gaps between student groups
- Comparing NAEP and PAWS results
- Closing remarks: Dr. McBride
- Your questions

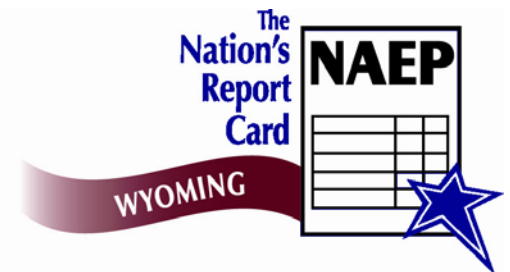


# Handouts, NAEP Metrics

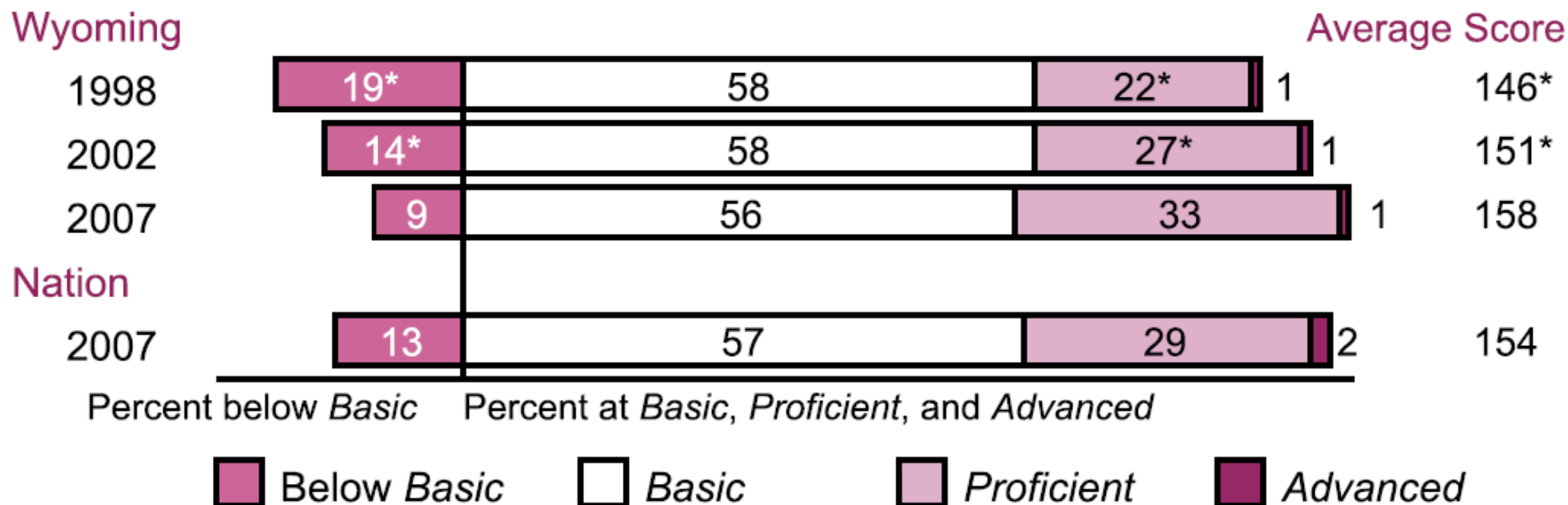
- Handouts
  - Executive summary, 1-page Snapshots, Guidance re: NAEP/state comparisons
- NAEP metrics
  - Scale scores
  - Percentile scores
  - Achievement levels
- NAEP sampling procedures
  - Statistical significance = reliable difference



# Wyoming Writing Results: For 2007 and Since 1998

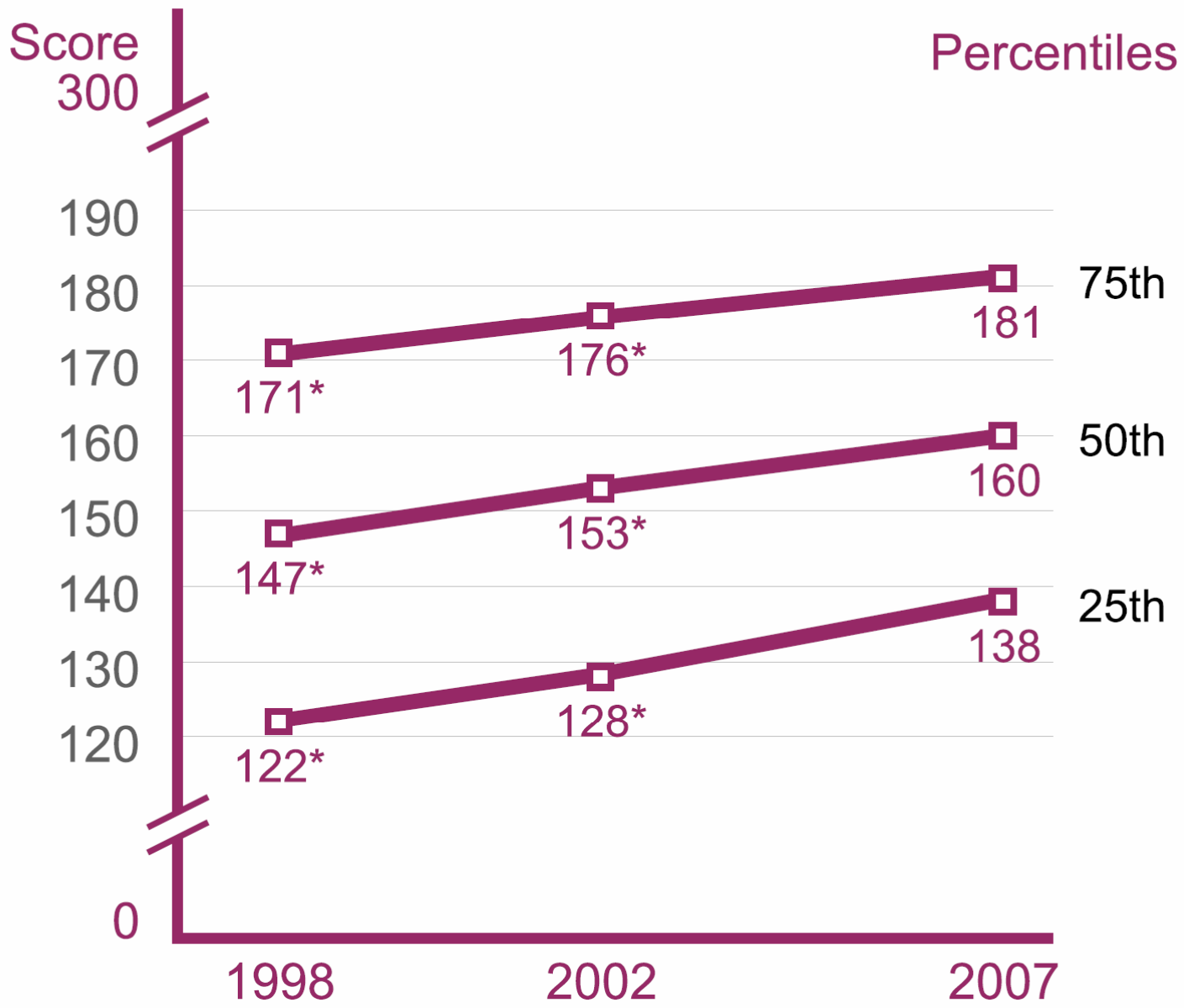


## Percentages at NAEP Achievement Levels and Average Score



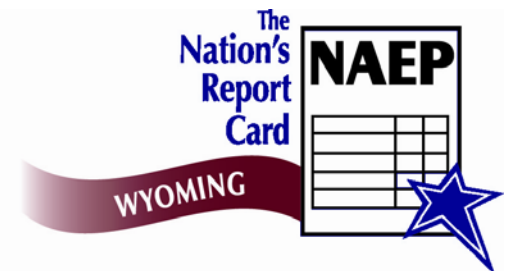
NOTE: The NAEP grade 8 writing achievement levels correspond to the following scale points: *Below Basic*, 113 or lower; *Basic*, 114–172; *Proficient*, 173–223; *Advanced*, 224 or above.

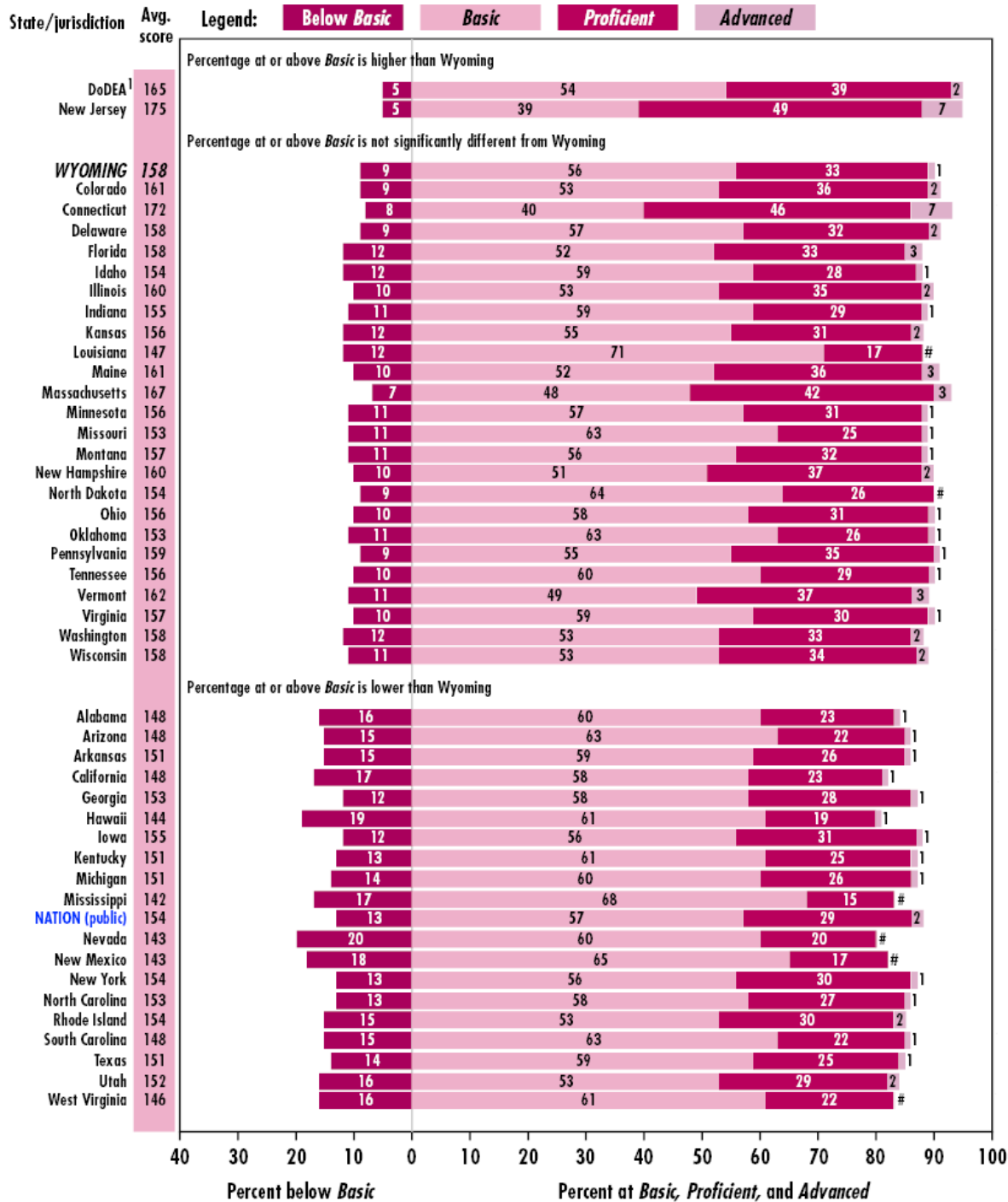
# Writing Scores at Selected Percentiles in Wyoming



NOTE: Scores at selected percentiles on the NAEP writing scale indicate how well students at lower, middle, and higher levels performed.

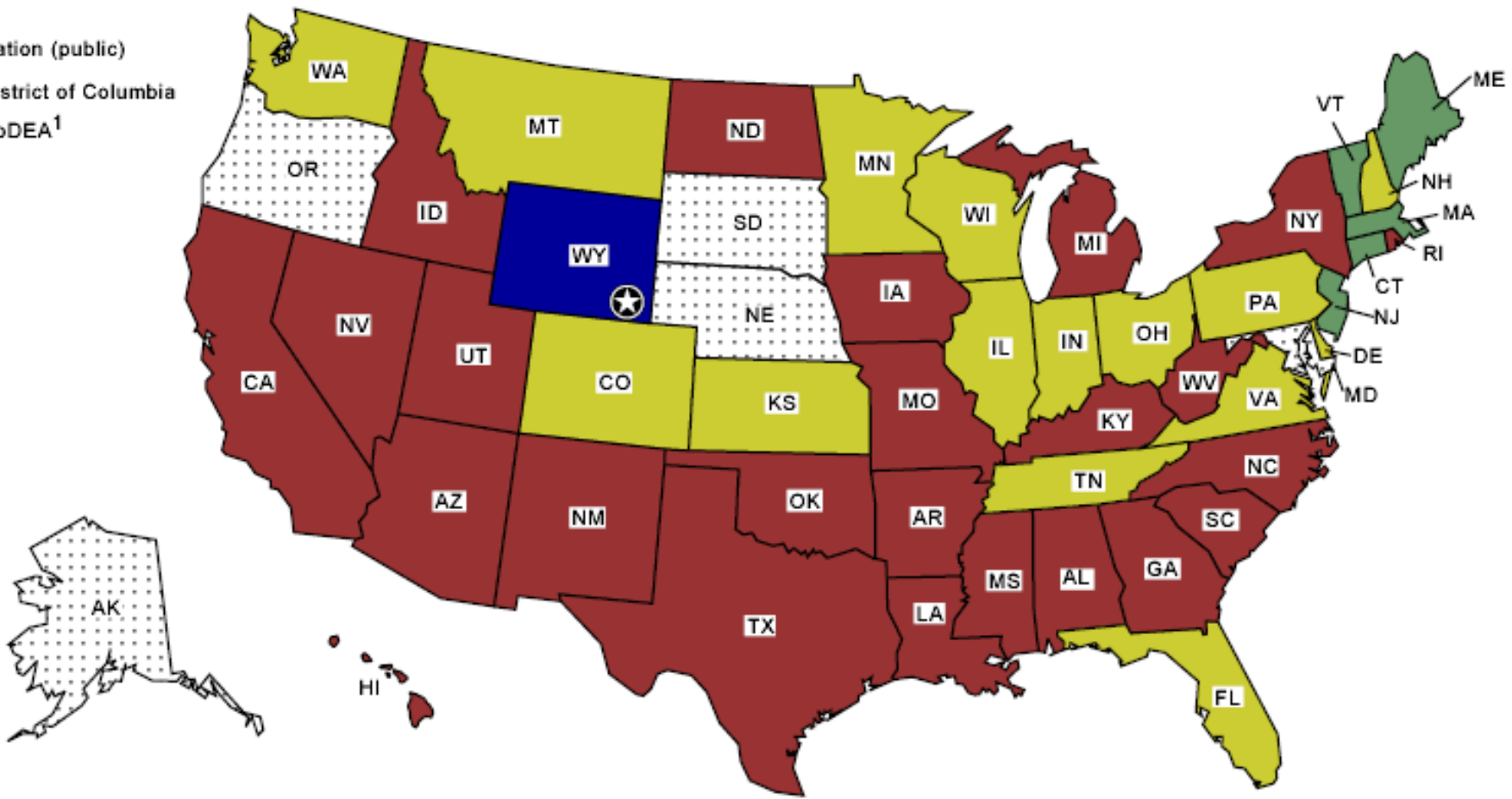
# National and Cross-state Comparisons: 2007





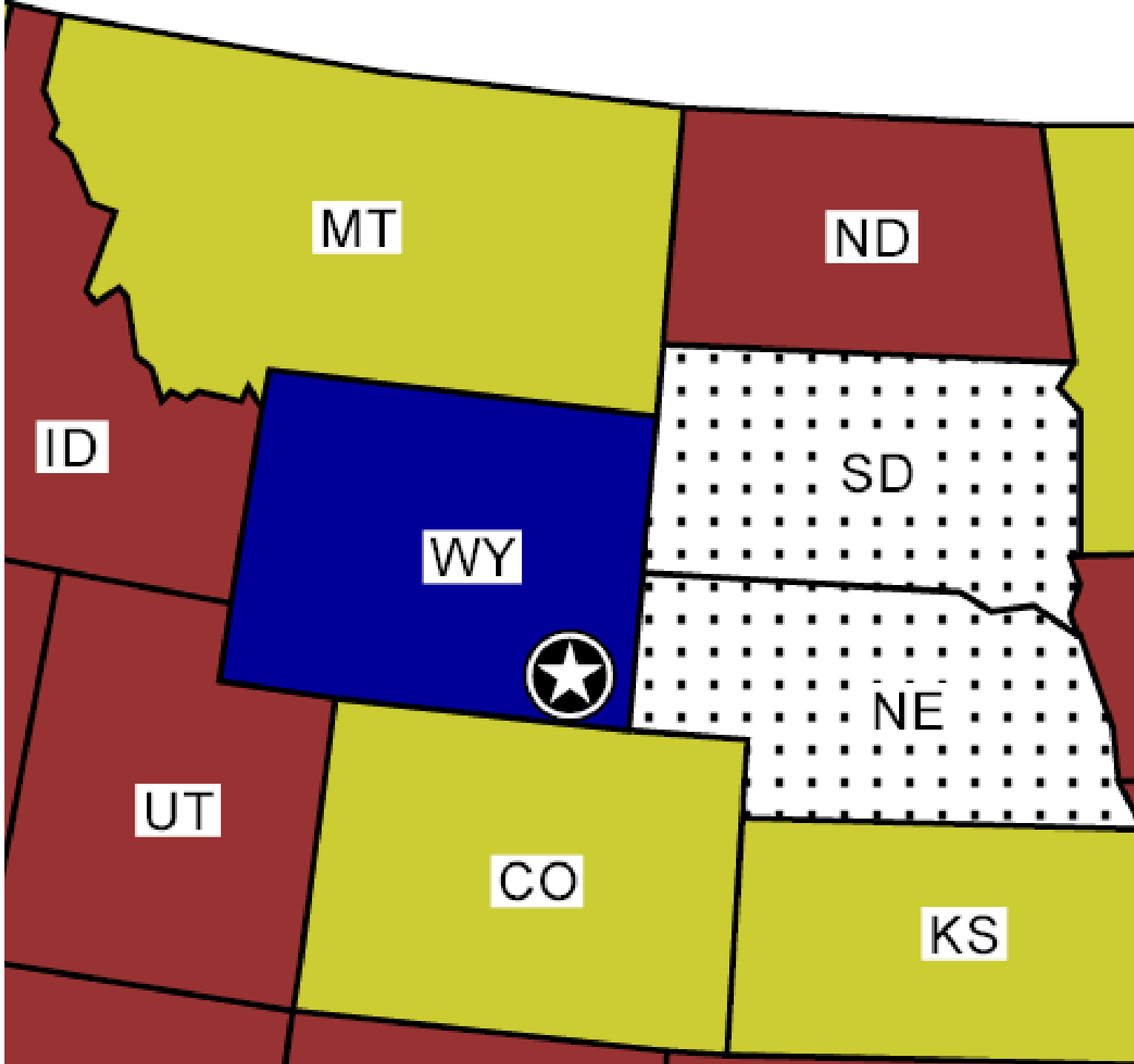


- Nation (public)
- District of Columbia
- DoDEA<sup>1</sup>



- ★ Focal state/jurisdiction (Wyoming)
- Higher average scale score than Wyoming (6 jurisdictions)
- Not significantly different from Wyoming (15 jurisdictions)
- Lower average scale score than Wyoming (nation and 24 jurisdictions)
- Did not participate.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Writing Assessment. <sup>1</sup> Department of Defense Education Activity schools



MT

ND

ID

SD

WY

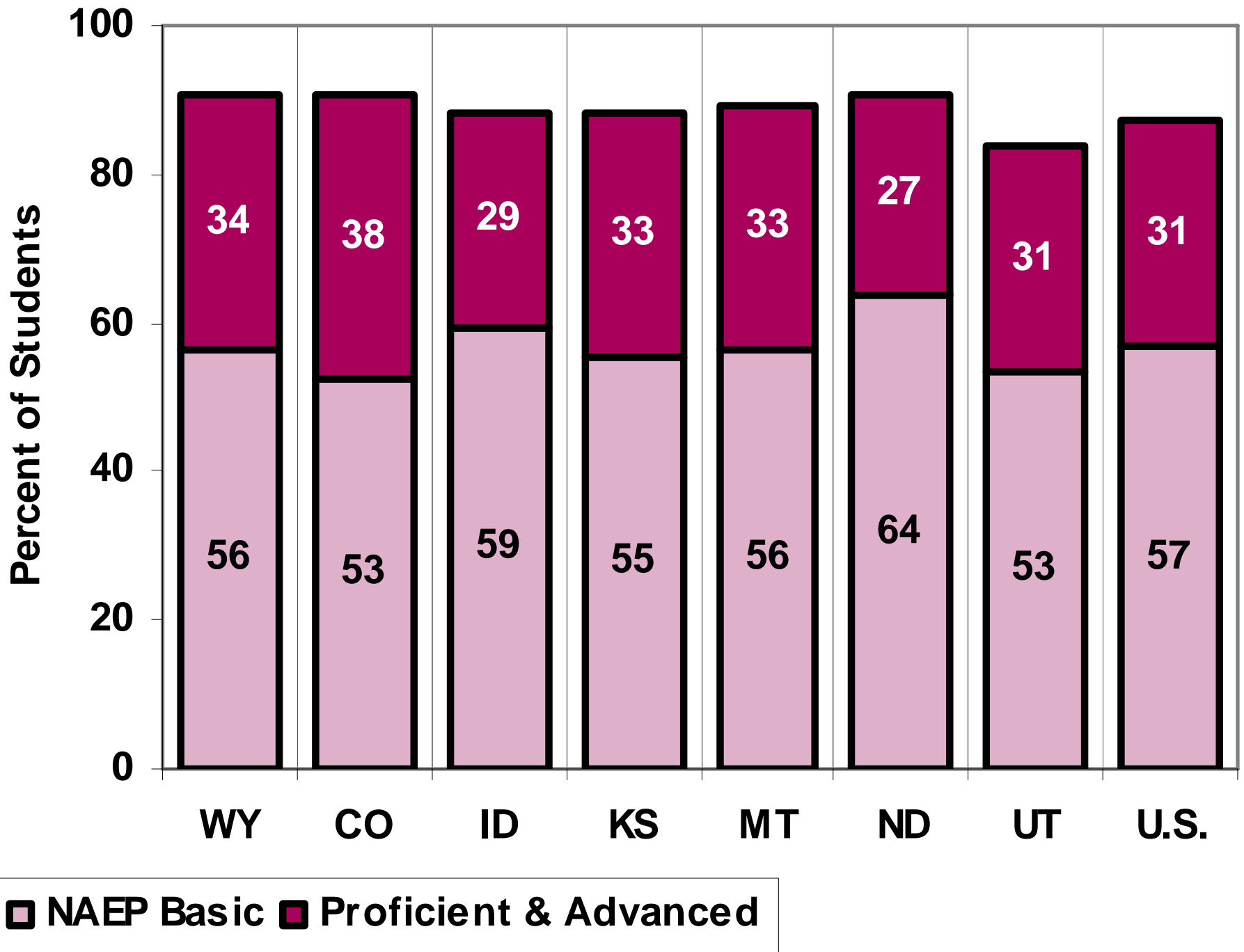


NE

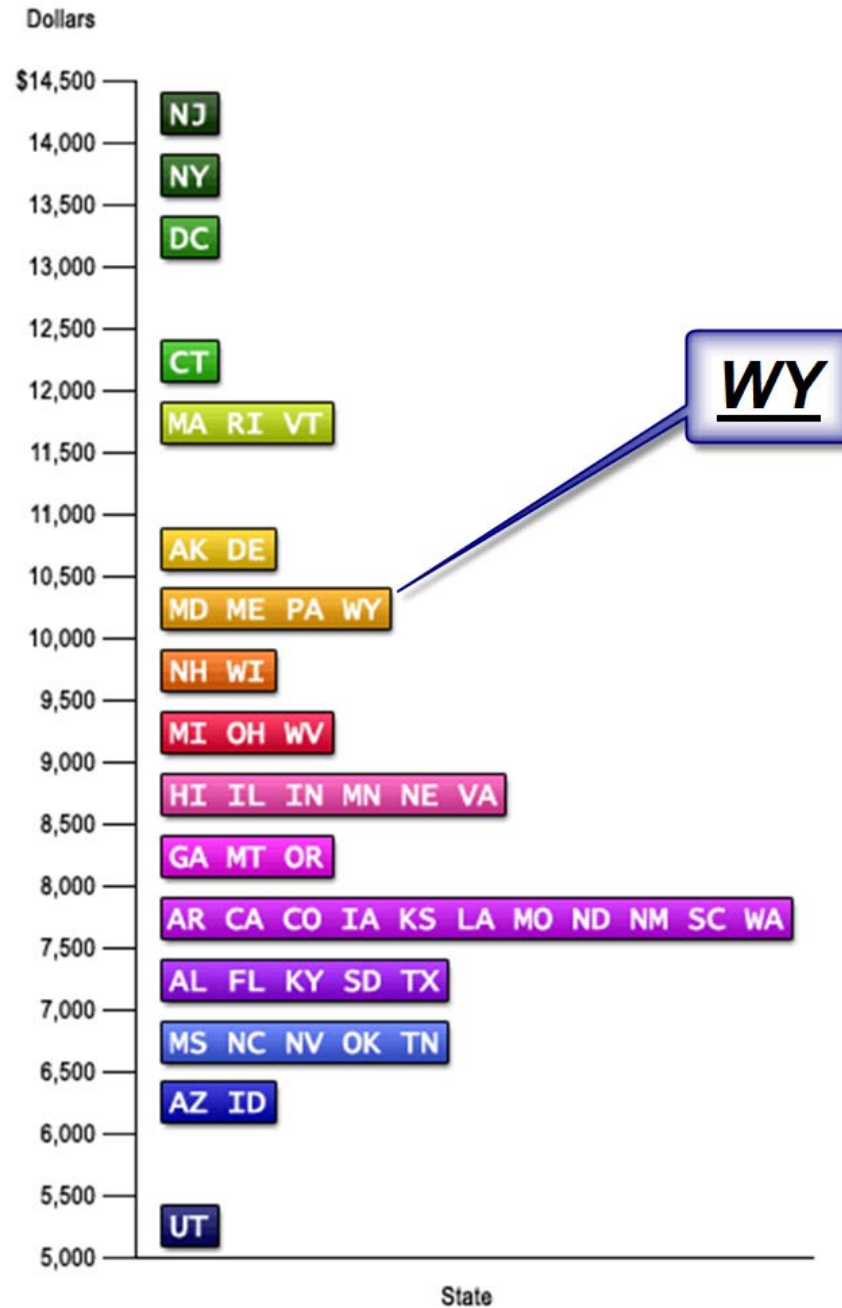
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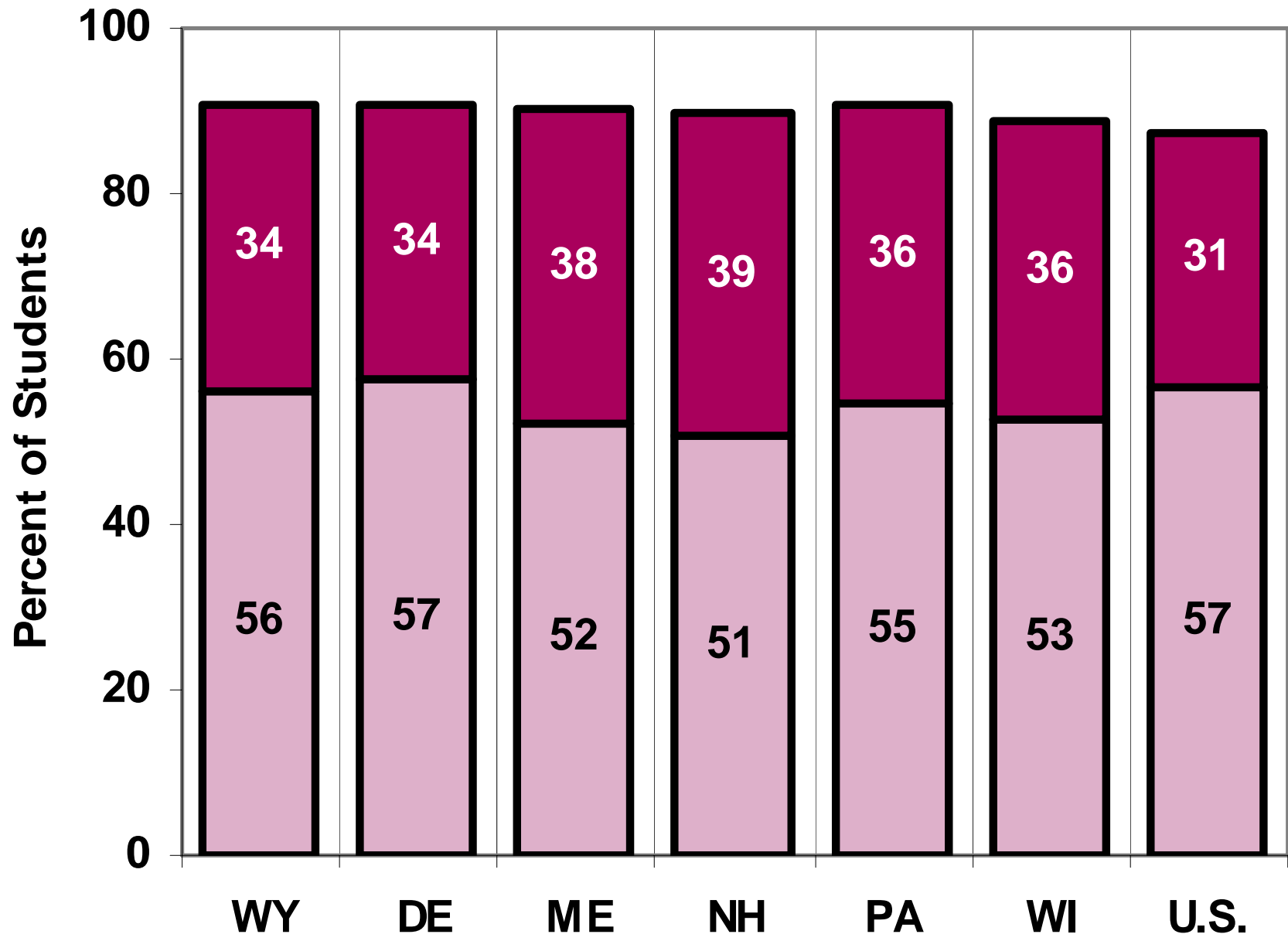
CO

KS



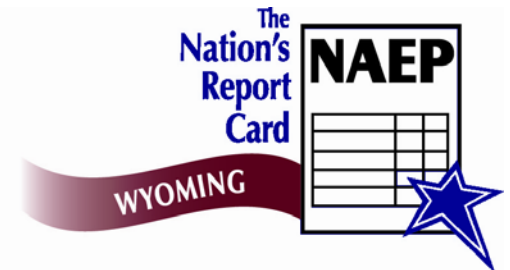
Current per-pupil expenditures for elementary and secondary education in the United States: Fiscal year 2005



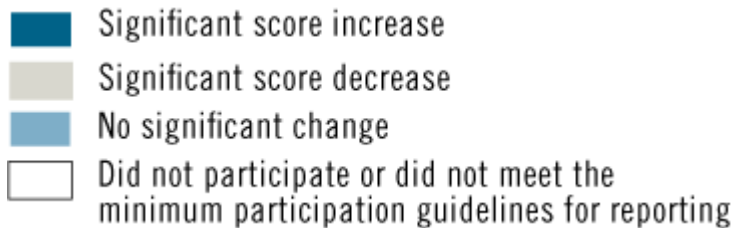
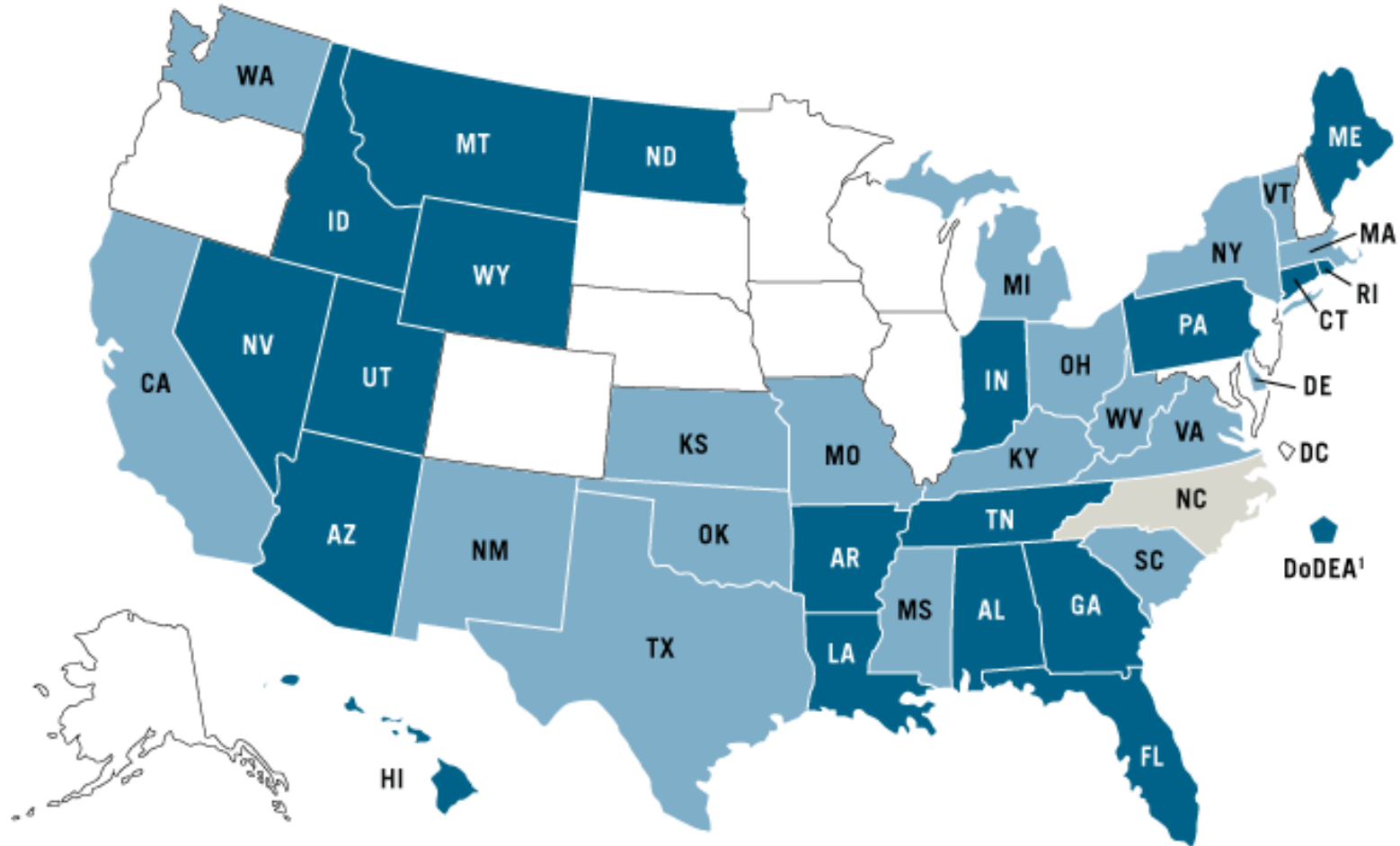


■ NAEP Basic ■ Proficient & Advanced

# National and Cross-state Comparisons: Changes across reporting periods



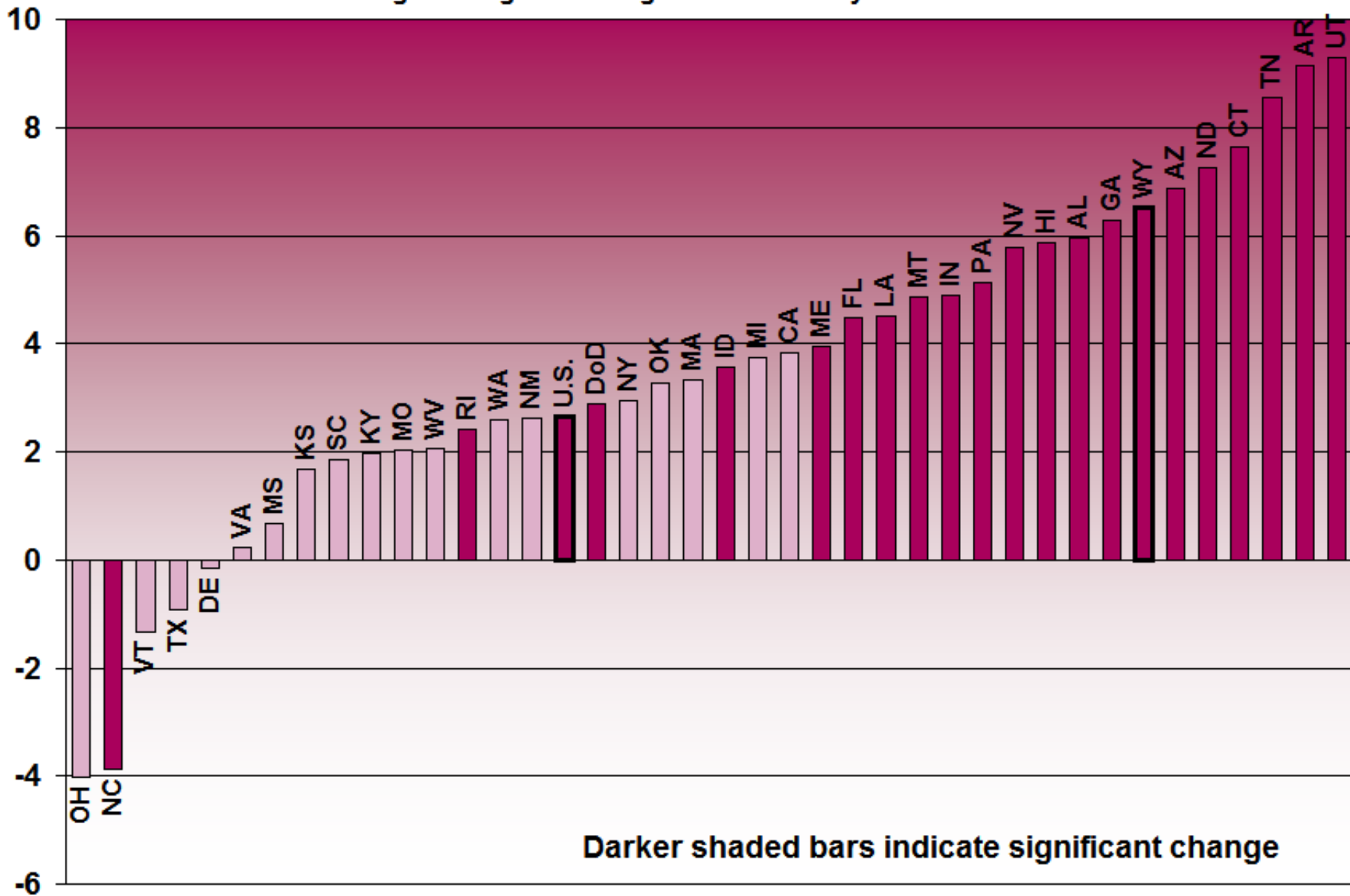
# Changes in Average Scores Compared With 2002



- 20 out of 39 jurisdictions increased
- One decreased

NAEP Grade 8 Writing - Change in Average Scale Score by Jurisdiction - 2002-2007

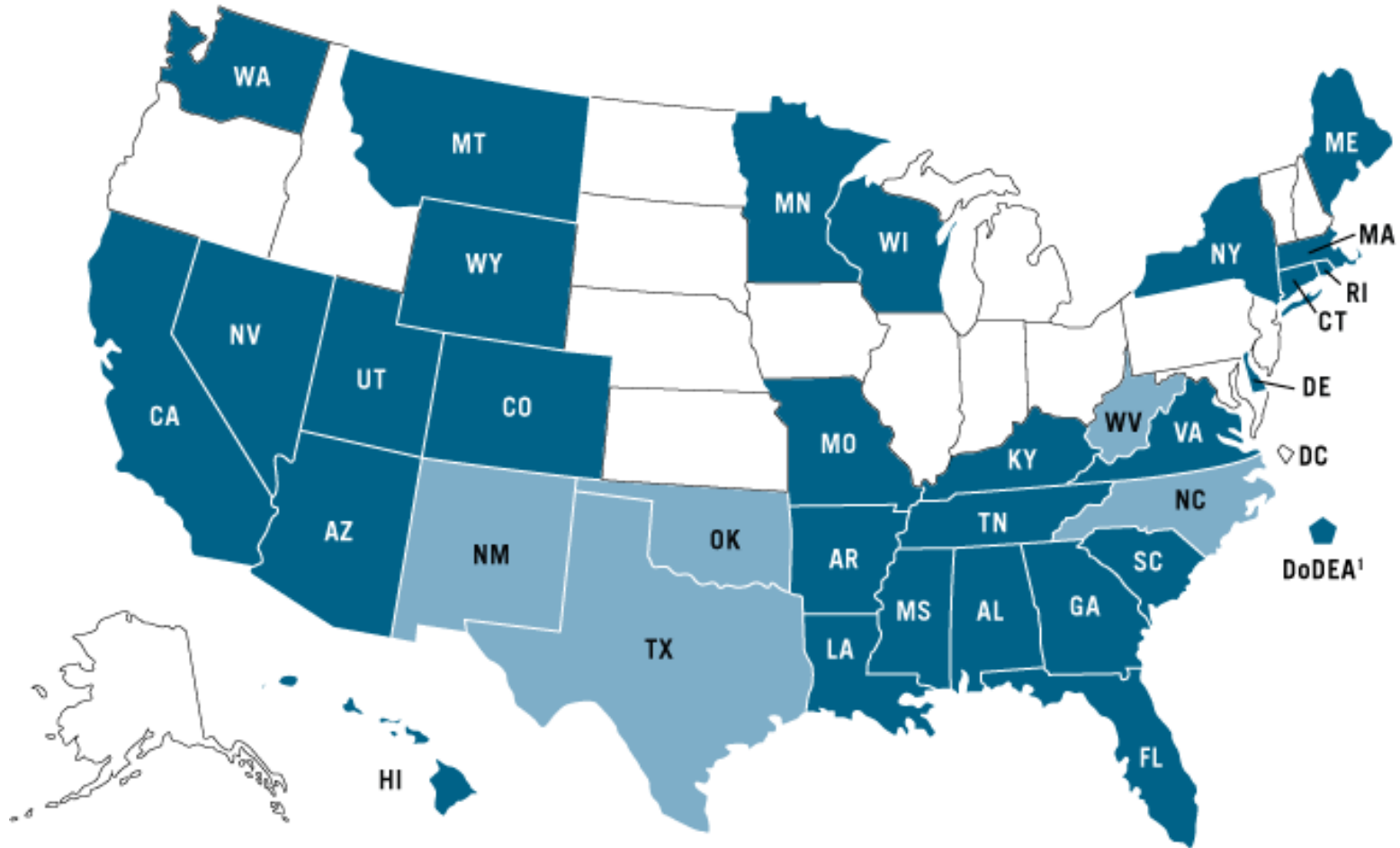
Difference In Average Scale Score 2002-2007



Darker shaded bars indicate significant change



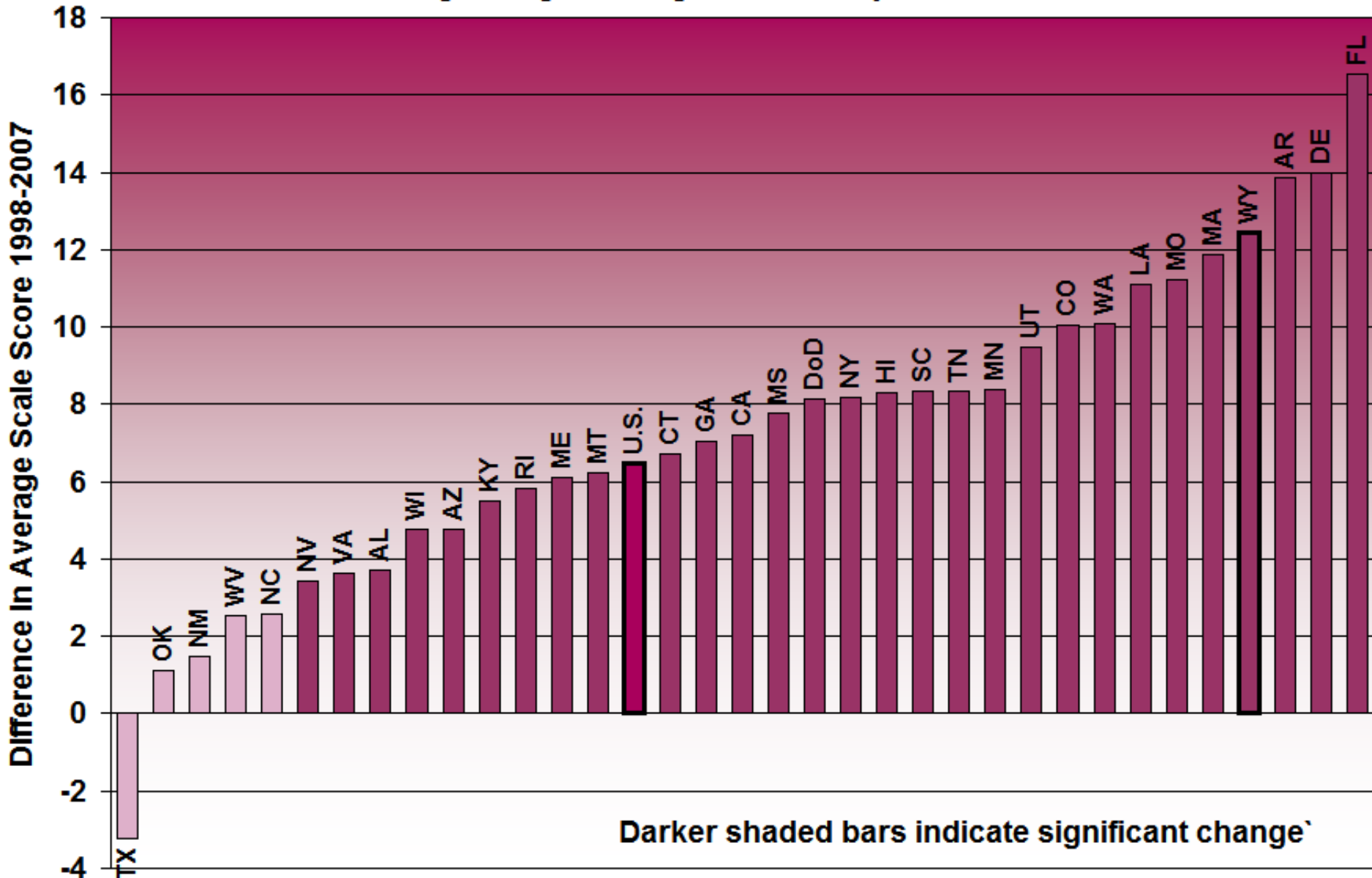
# Changes in Average Scores Compared With 1998



- Significant score increase
- No significant change
- Did not participate or did not meet the minimum participation guidelines for reporting

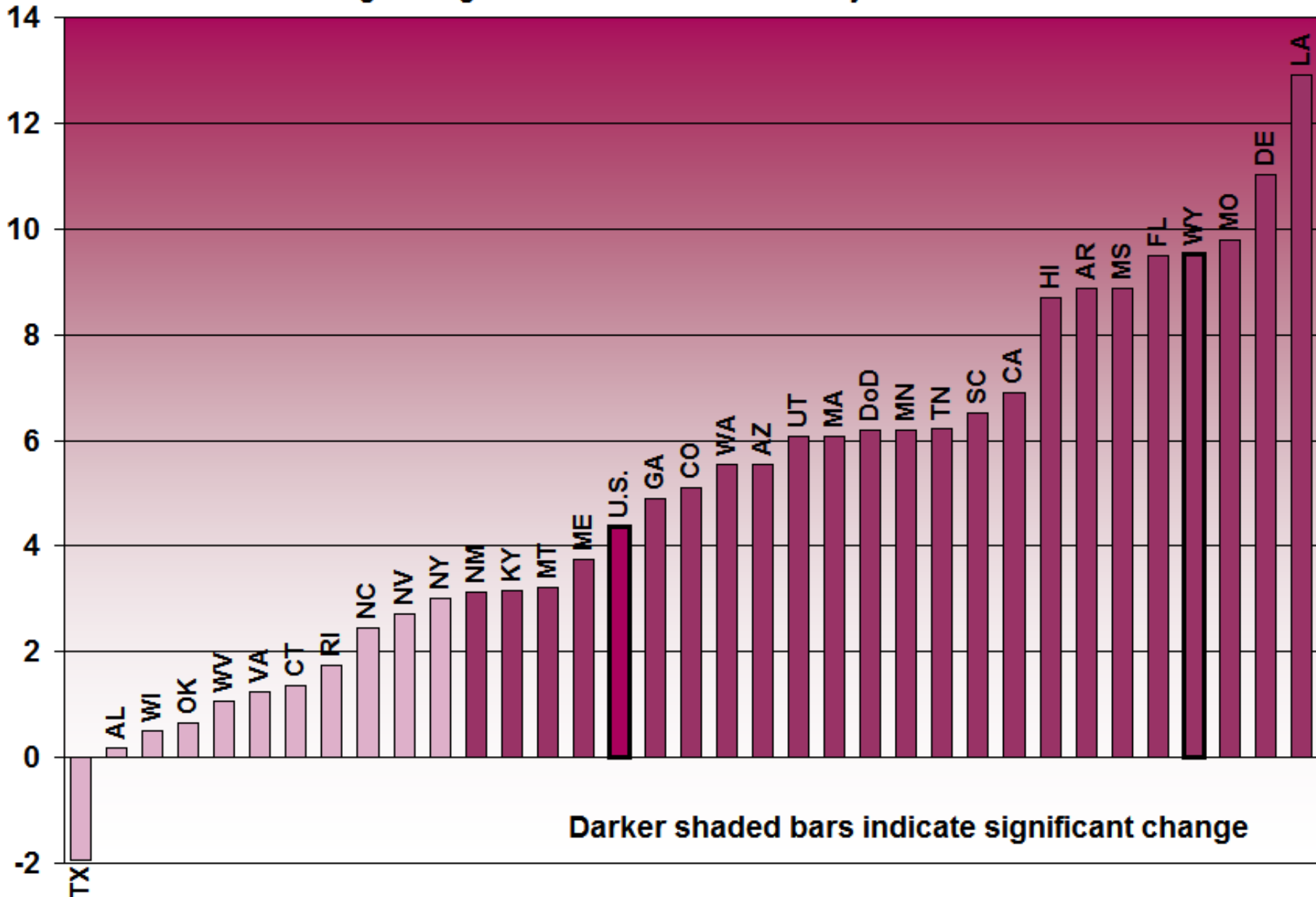
- 29 out of 34 jurisdictions increased
- No state decreases

NAEP Grade 8 Writing - Change in Average Scale Score by Jurisdiction - 1998-2007

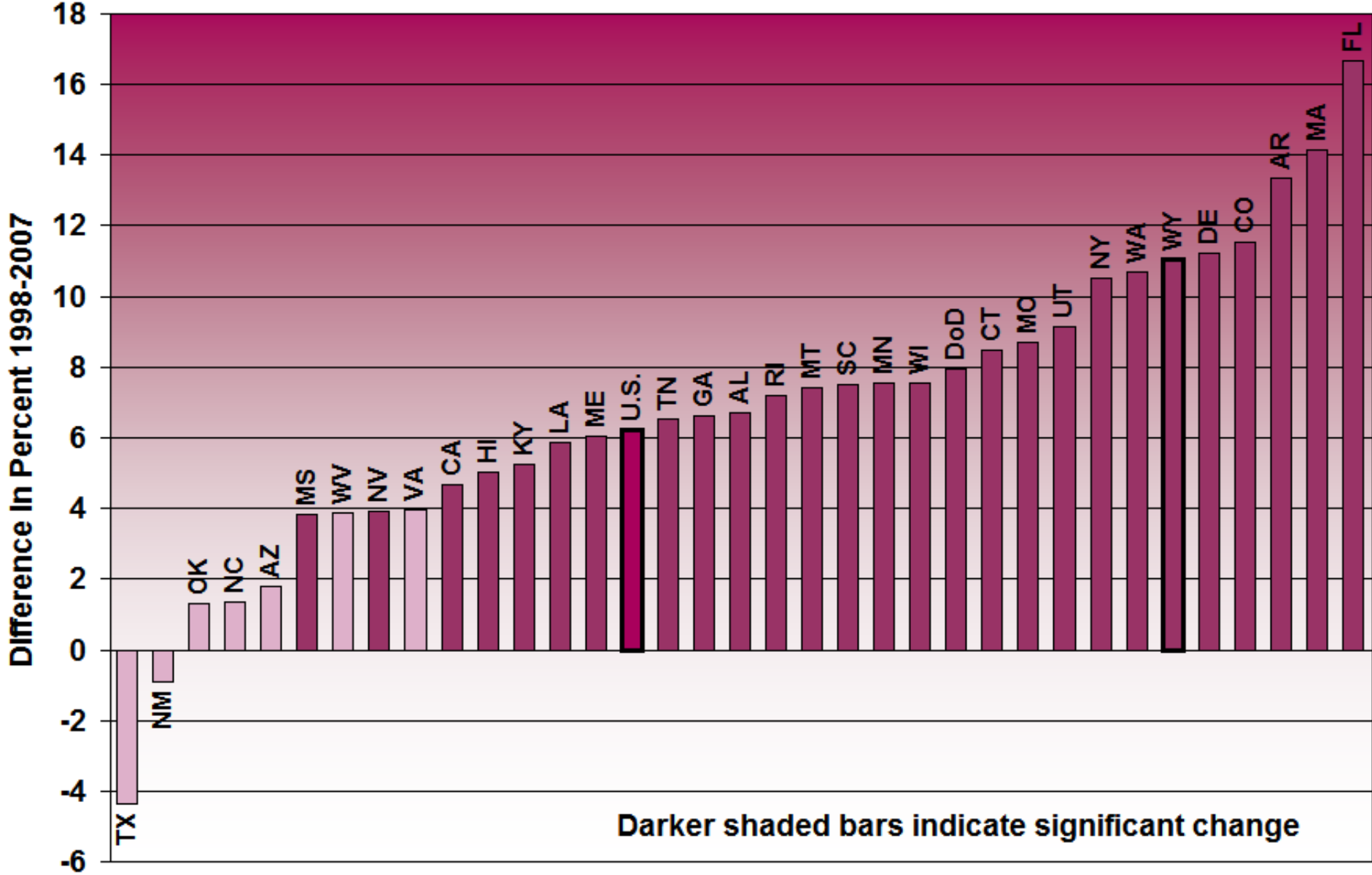


NAEP Grade 8 Writing - Change in Percent at or above *Basic* by Jurisdiction - 1998-2007

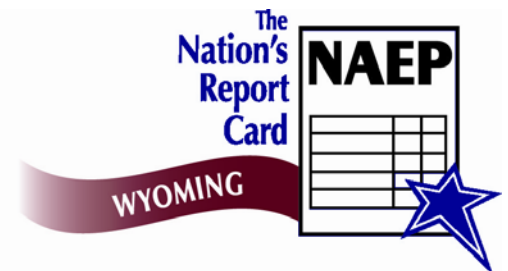
Difference In Percent 1998-2007



NAEP Grade 8 Writing - Change in Percent at or above *Proficient* by Jurisdiction - 1998-2007

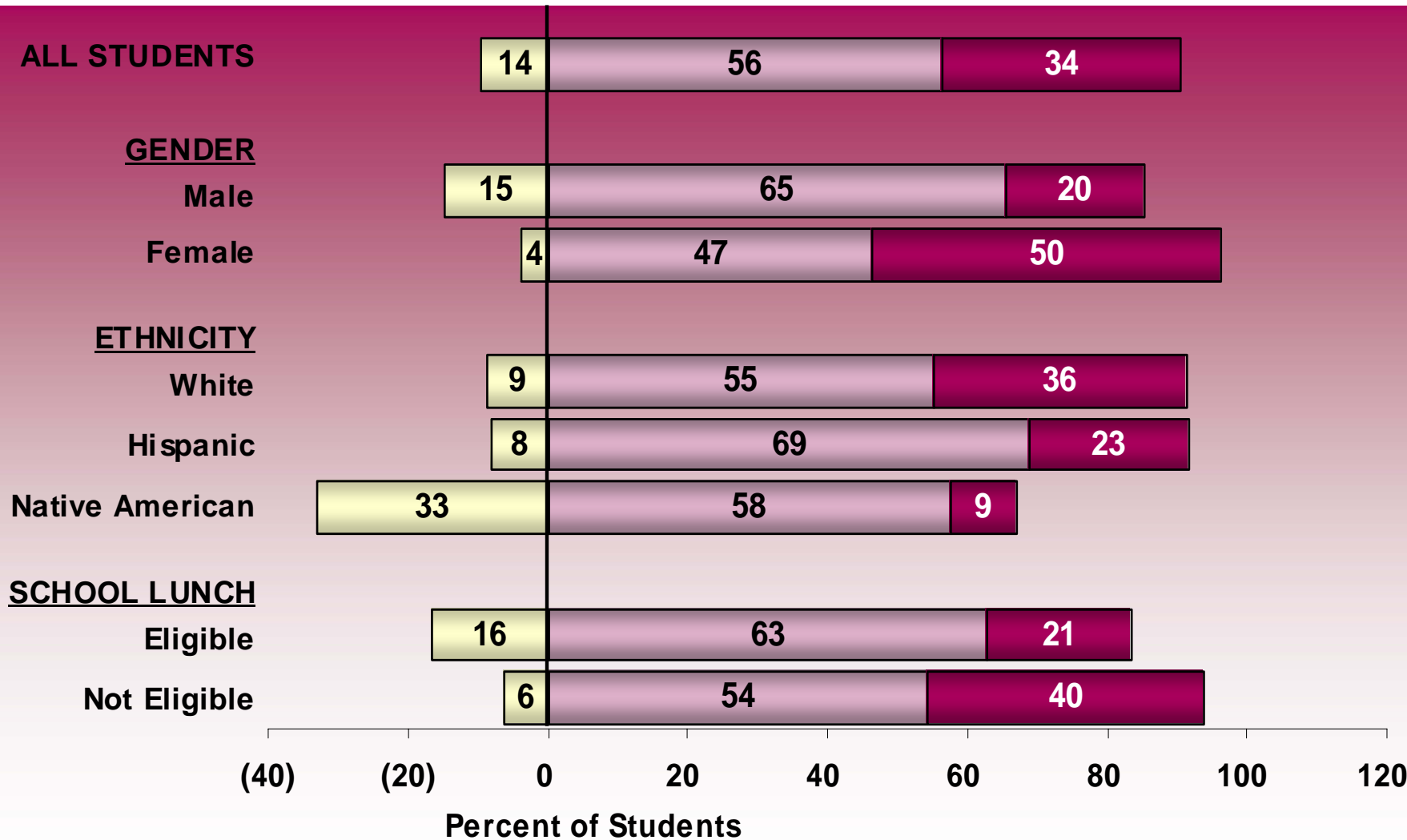


# Gaps in Student Group Performance



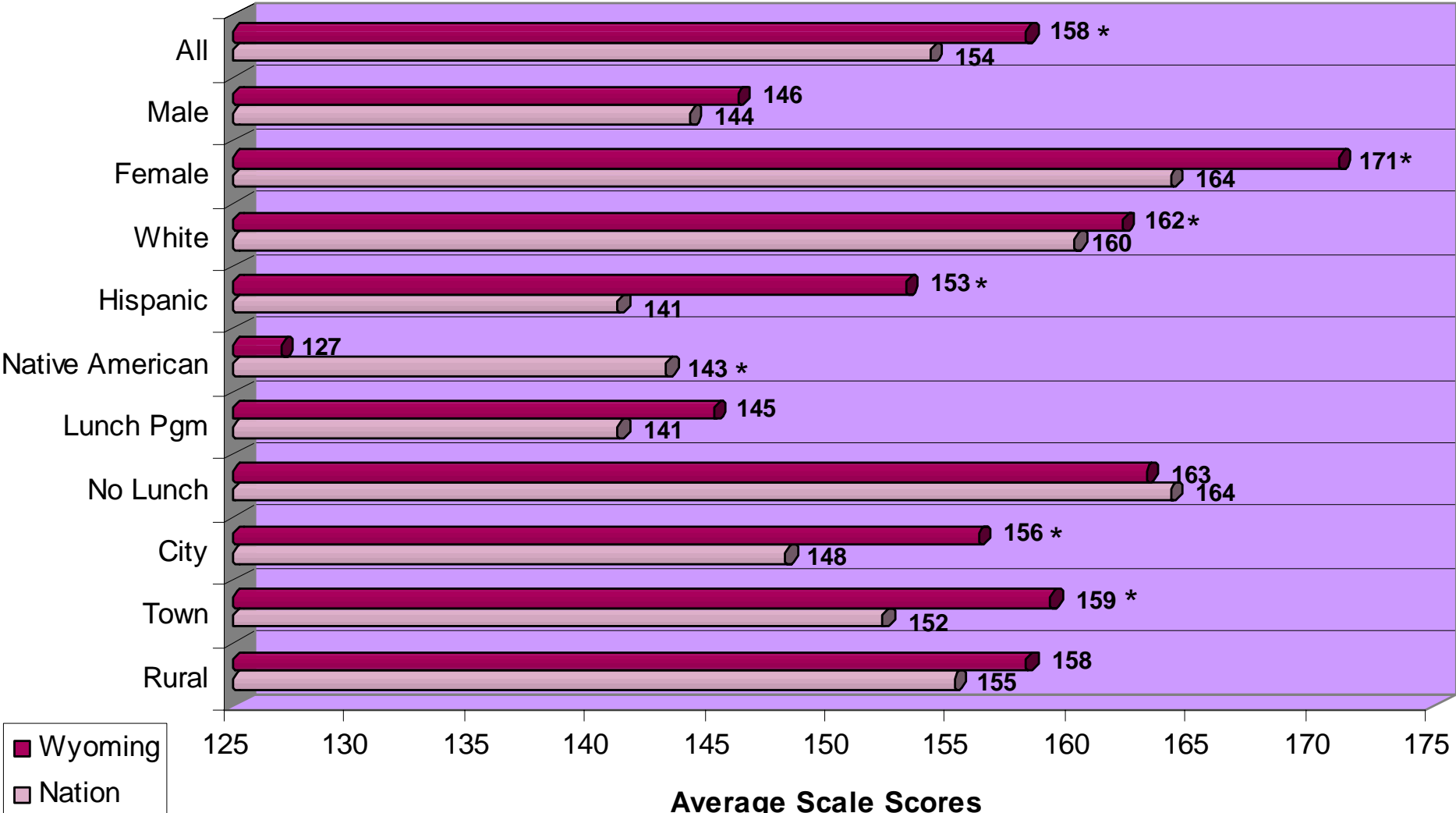
# Student Group Gaps

- Writing performance gaps remain unchanged—did not widen, or narrow—in WY during 2007 from both the 2002 or 1998 assessment
  - Whites and Hispanics
  - Whites and American Indians
  - Female and male students
  - Non-school lunch eligible and free/reduced
- Gaps in Wyoming between Hispanic and White students still among of the nation's smallest



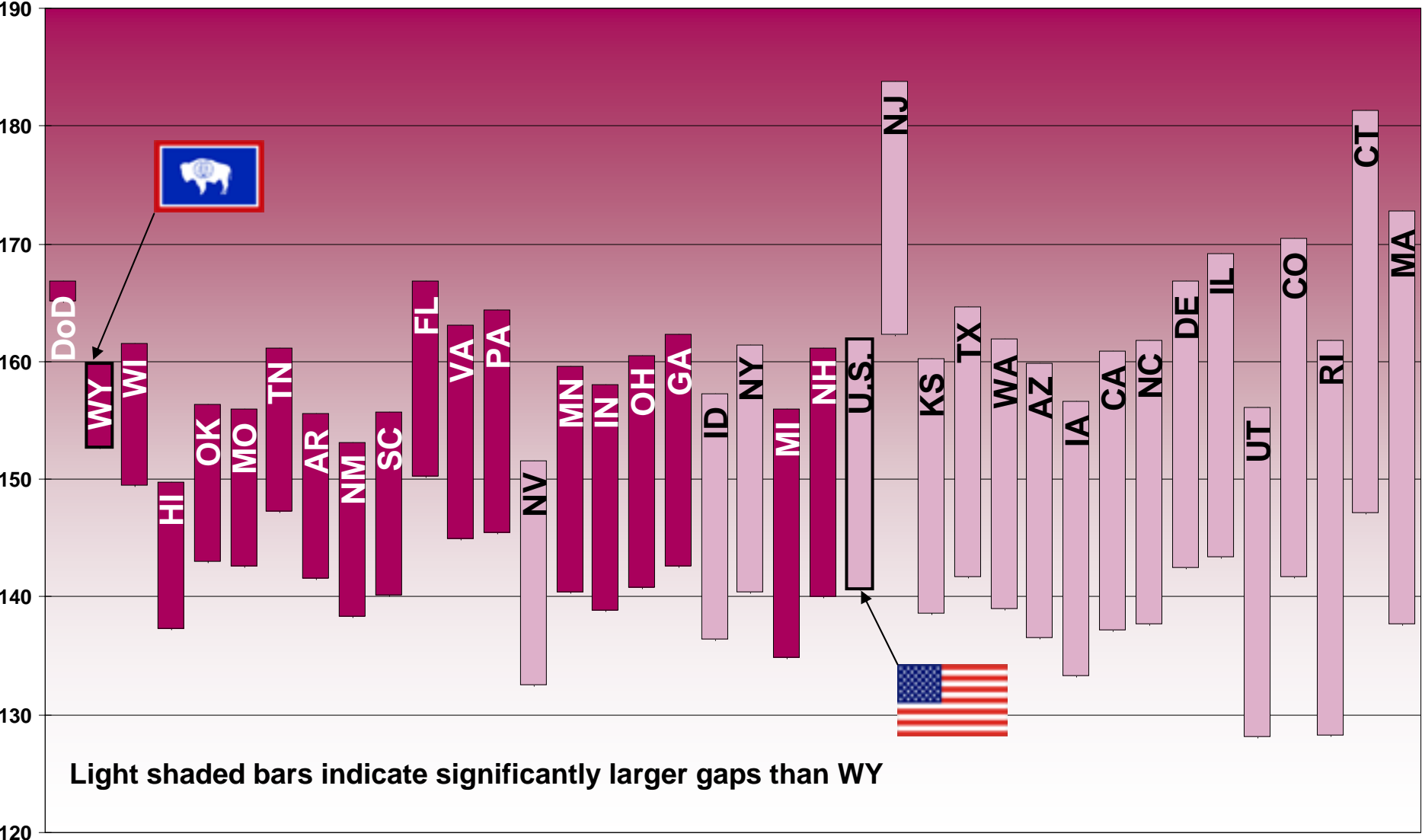
Below Basic
  Basic
  Proficient & Advanced

# Wyoming and National Results



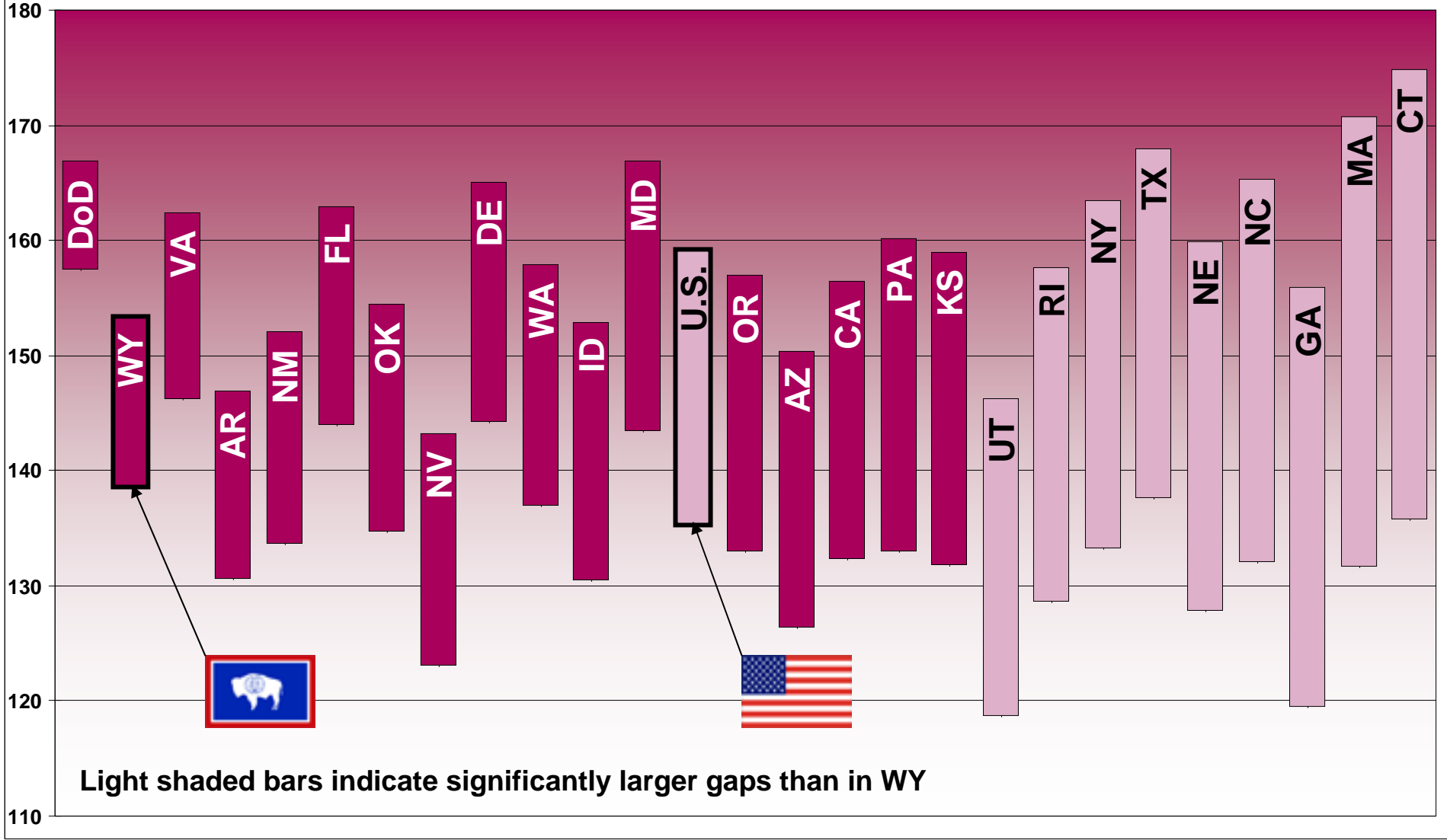


# White-Hispanic Gaps in Average Scale Scores: NAEP 2007, Grade 8 Writing



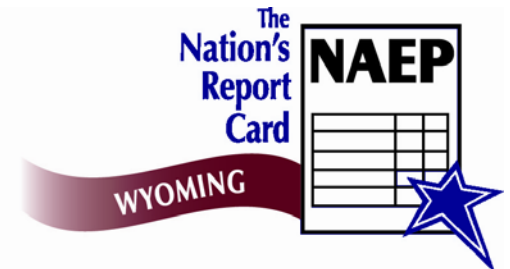
Light shaded bars indicate significantly larger gaps than WY

# White-Hispanic Gaps in Average Scale Scores: NAEP 2002, Grade 8 Writing



Light shaded bars indicate significantly larger gaps than in WY

# Comparing NAEP and State Assessments

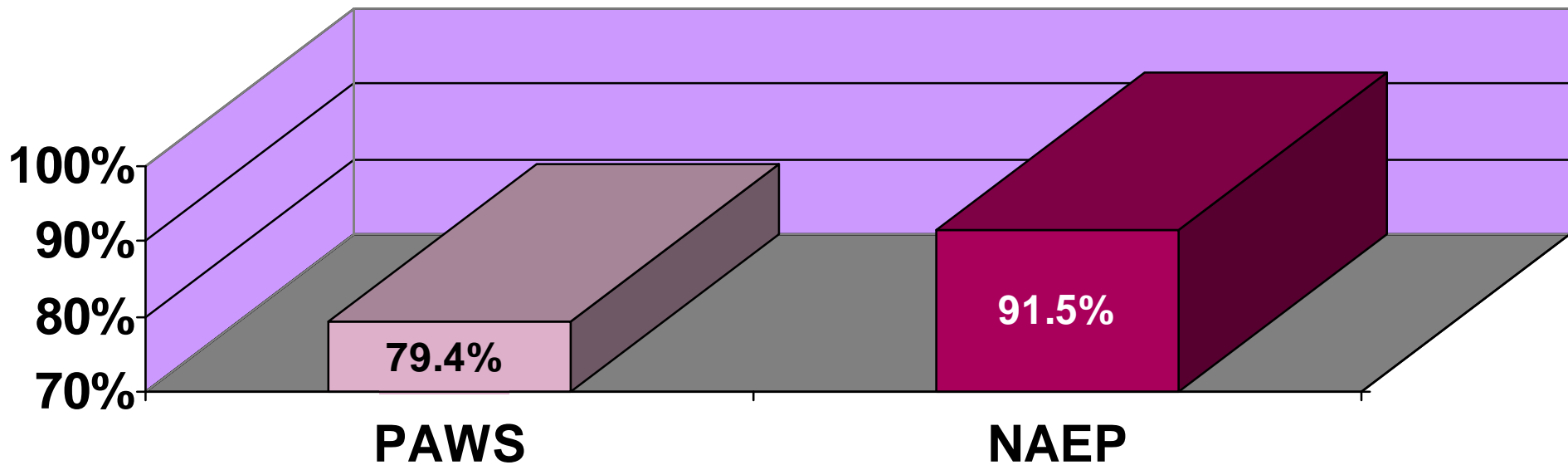


# Comparing NAEP & State Assessments

- Different Purposes
  - Measuring individual student achievement (PAWS)
  - Providing an external reference, point-of-comparison (NAEP)
- Differing Content
  - Definition of construct (e.g., reading vs. language arts)
  - Composition of scales and subscales
  - Types of stimulus materials (e.g., reading passages)
- Different Formats/Assessment Procedures
  - Item types
  - Timing (NAEP is timed; PAWS is not)
- Different Reporting Metrics
  - Scales
  - Cut scores
- Consequences
  - AYP determinations for schools, districts (PAWS)
  - No accountability consequences attached (NAEP)

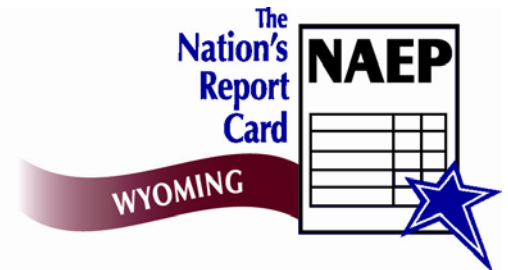
# Comparing 2007 Results in WY

## NAEP/State Writing Comparison, Grade 8

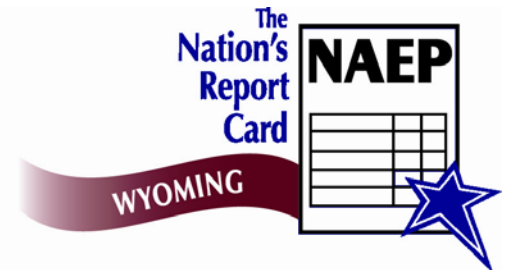


PAWS → percent meeting WY standards; NAEP → percent *Basic* and above

# Closing Remarks: Dr. McBride



# Questions?



For additional information and  
results, go to:

<http://nationsreportcard.gov/>

and

<http://www.k12.wy.us/SAA/NAEP>





# The National Assessment of Educational Progress in Wyoming: Writing Results, 2007

