



# National Assessment of Educational Progress (NAEP)

# Agenda

What is NAEP

NAEP 2024 Program Overview

The Future of NAEP

Latest NAEP Results

International Assessments

# What is NAEP?

The only assessment that measures what U.S. students know and can do in various subjects across the nation, states, and in some cases, urban districts.

NAEP results are released as “The Nation’s Report Card”

[www.nationsreportcard.gov](http://www.nationsreportcard.gov)



National Assessment of  
Educational Progress

# NAEP includes a range of subjects at grades 4, 8, and 12



Civics



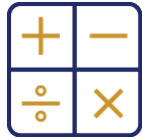
Economics



Geography



U.S. History



Mathematics



Music



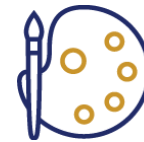
Reading



Science



Technology &  
Engineering Literacy



Visual Arts



Writing

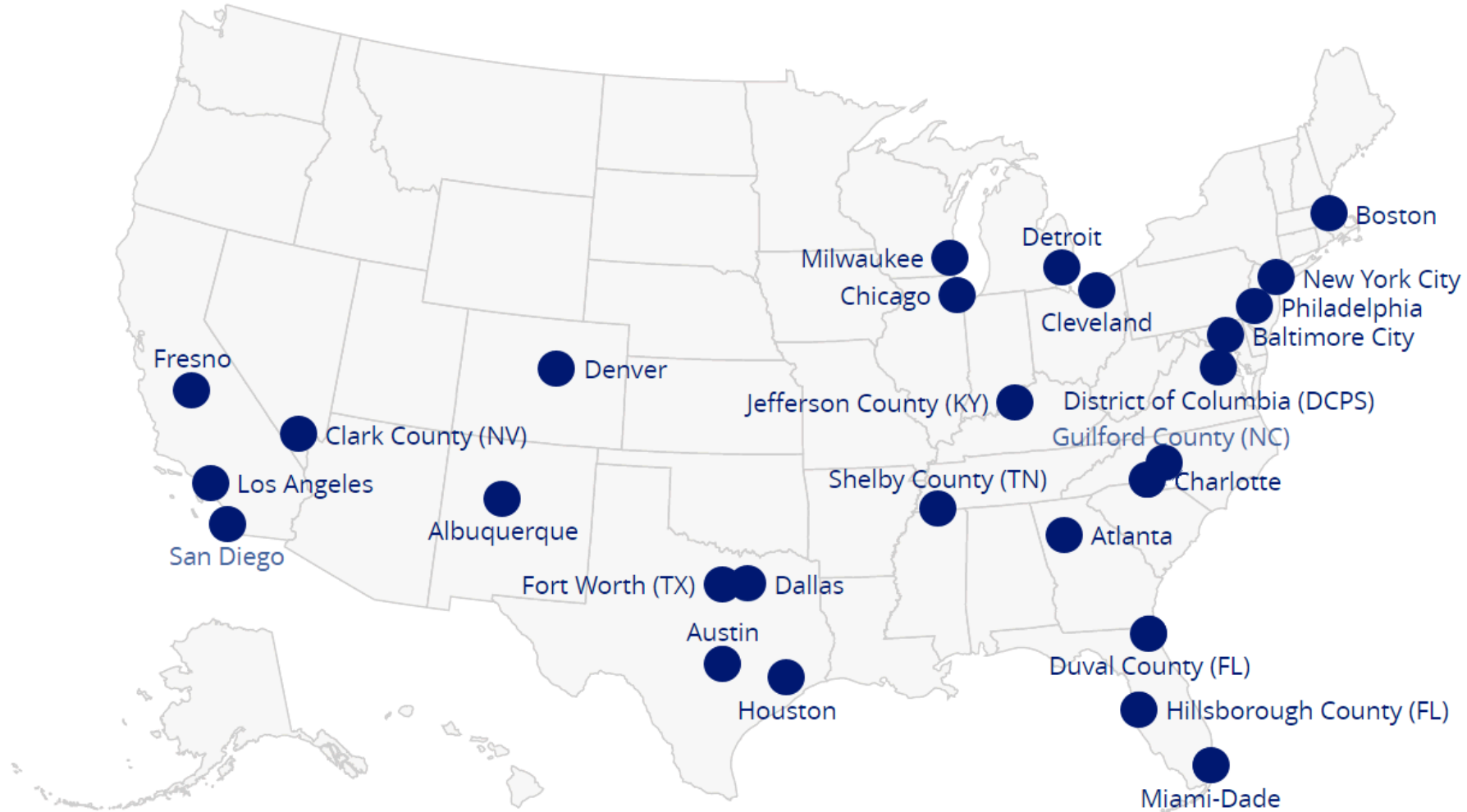
Most subjects return national results only. State level results are available for reading and mathematics at grades 4 & 8.

# Who participates?

NAEP produces **jurisdiction-level** results for...

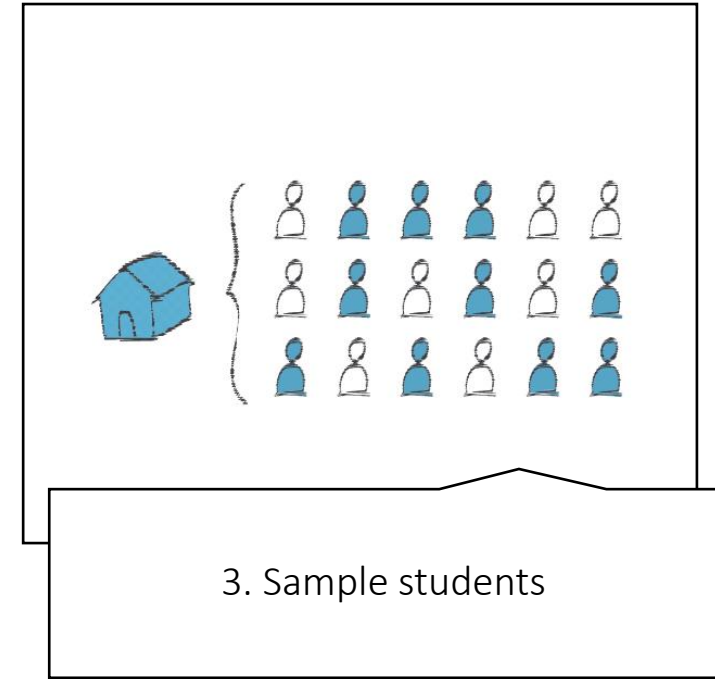
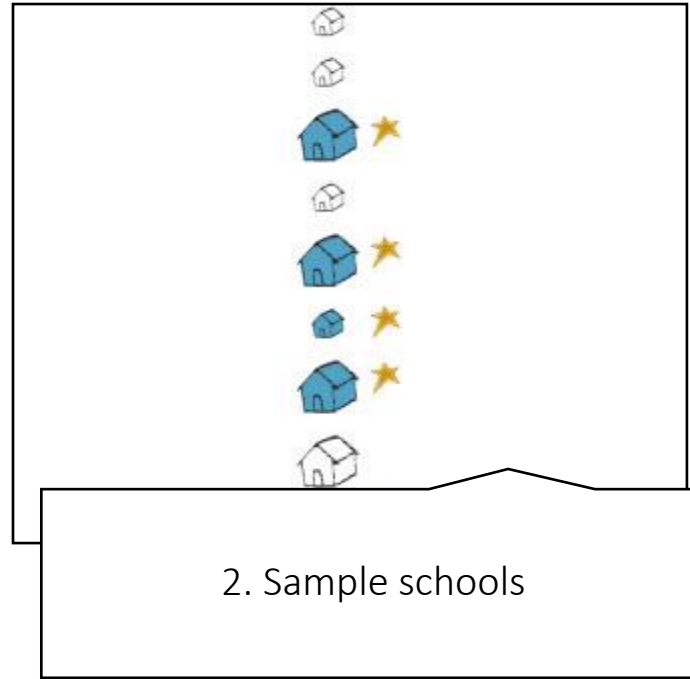
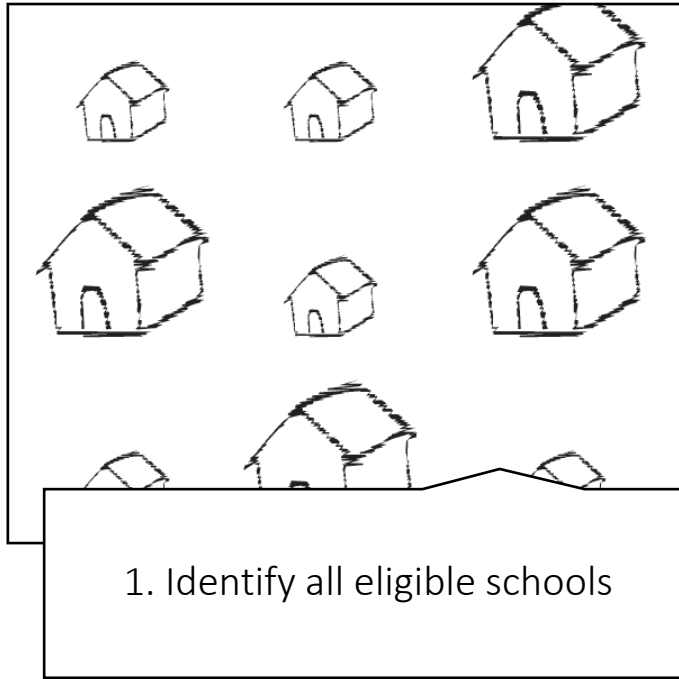
- All 50 states
- Department of Defense Education Activity
- District of Columbia
- 26 urban districts - Trial Urban District Assessment (TUDA)

# Texas has four districts in the TUDA program





# How are schools and students selected?



# NAEP Administration

January to March

Administered as a digitally based assessment on tablets

Each student assessed in one subject

Students take a small portion of the item pool

Accommodations provided as necessary for

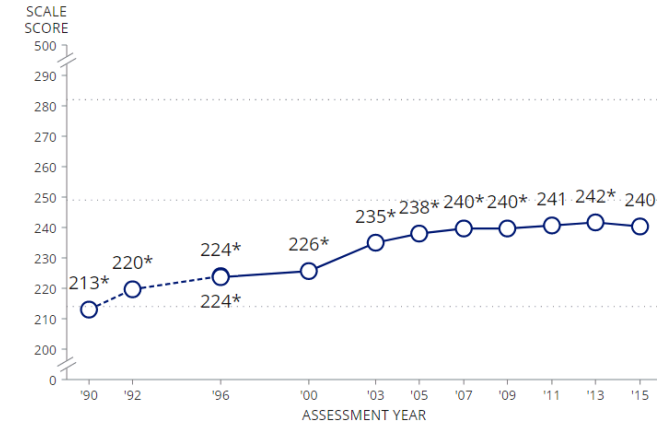
- Students with disabilities
- English learners



# How are NAEP results reported?

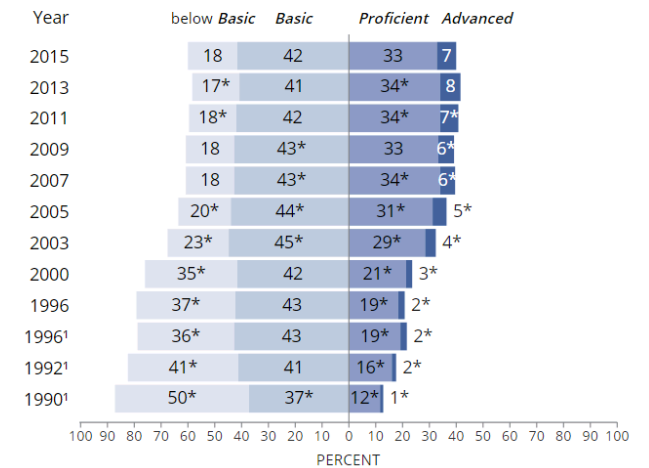
## Scale Scores

- 0 – 500 on mathematics and reading assessments
- Cannot be compared across grade levels or content areas



## Achievement Levels

- Below NAEP Basic
- NAEP Basic
- NAEP Proficient
- NAEP Advanced





# NAEP 2024 Program

# NAEP 2024 Overview

## Operational Assessments (Results released)

- National Assessments
  - Grade 8 Science
  - Grade 12 Mathematics and Reading
    - High School Transcript Study (HSTS)
- National, State, and TUDA Assessments
  - Grades 4 and 8 Mathematics and Reading
    - National Indian Education Study (NIES)
  - Grades 4 and 8 Puerto Rico Mathematics

## Pilot Assessments (No results released)

- National Assessments
  - Grades 4 and 8 Mathematics and Reading
  - Grades 4 and 8 Puerto Rico Mathematics

## Special Study - High School Transcript Study (HSTS)

The sample includes all high schools selected for NAEP 2024

Transcripts collected for Grade 12 graduates selected for the mathematics assessment

15 students per school (approximately 22,500 students)



# School-Based Equipment Proof-of- Concept (SBE POC) Study

The purpose of the 2024 SBE POC is to evaluate the Next-gen systems and logistical administration process to deliver digital-based assessments on school devices using the school-provided internet

Based on the findings of the SBE POC, systems and processes will be refined for the 2025 SBE Field Test

A photograph of several students walking on a modern school staircase. In the foreground, a boy with a blue backpack and a yellow shirt is walking down the stairs. Behind him, a girl with blonde hair and a boy are also walking down. On the opposite side of the stairs, two girls are walking up, smiling and talking. The staircase has glass railings and metal handrails. The background is bright and airy, suggesting a large, open school environment.

# The Future of NAEP



# NAEP Assessment Management System (AMS)

English

Español



NAEP  
NATIONAL ASSESSMENT  
OF EDUCATIONAL  
PROGRESS

## Welcome to the Assessment Management System

Email

Password

Log In

OR

Continue Offline (Field Staff)

[Learn more about how to log in](#)

<https://ams.westatstudies.com/>

# New NAEP Assessment Management System

- Clean design pulls everything related to a sampled school into one place
- Role-based access control ensures people only see things they're supposed to see.
- To Do List clearly indicates school coordinators must do
- Reduce school burden by reducing number of screens and clicks and streamlining process
- Support “bulk actions” so an accommodation like extended time can quickly be applied to multiple students
- **Districts have greater access to support schools**
- Goal is to have a common system for all NCES assessments NAEP, PISA, PIRLS

# Friendly user interface

Angelica Paul Middle School

← Previous

Next →

Assessment Date Feb 13, 2022

Preassessment Review Call Feb 13, 2022

Next Task Due Feb 13, 2022

Manage Tags

Florida

Field Trial

Grade 4

Pending

Great principal ×

Grade 4 NAEP Field Trial

Grade 8 NAEP Field Test

School Information

Edit

School Name

Angelica Paul Middle

District Name

Angelica Paul School District

State School ID

000341386510398

NAEP ID

9934479

Phone

(555) 555-1234

Website

Open in new tab

www.angelicapaulschools.edu

Last Updated MMM DD, YYYY

Address

Edit

Street Address 1

603 15th Avenue Southwest

City

Rochester

State

MN

Zip Code

55902

Confirm address is correct

Add a mailing address, if needed

Mailing Address

PO BOX 213

City

State

Zip Code

Task List

Manage →

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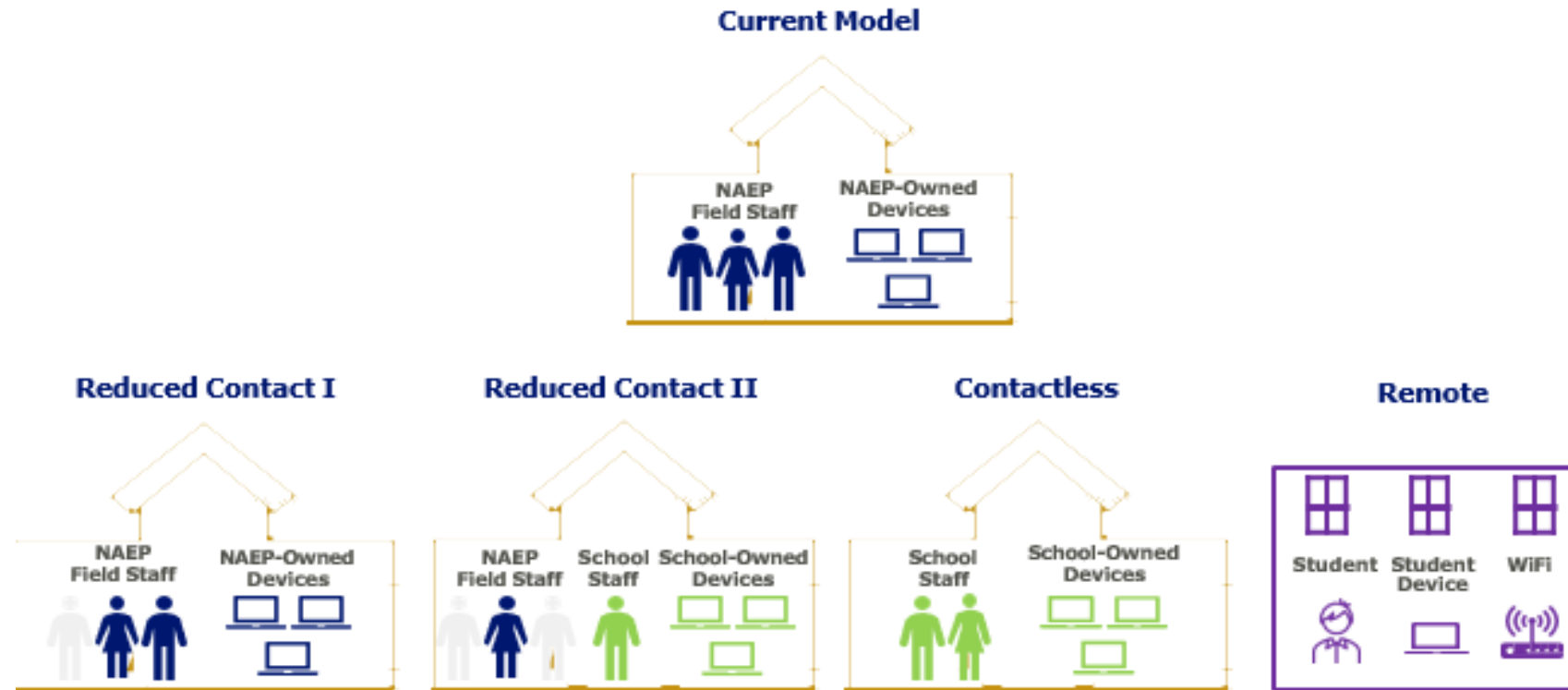
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## 2024 begins a transition to new administration model

- NAEP is planning to move to school-based equipment in the future
- All NAEP devices online using school internet
- Reduced field staff contact model
- Leveraging Next-gen eNAEP technology to streamline field staff role and provide more in-system support for students
- Instead of multiple login screens, there will be one screen to launch the application to all student devices
- Troubleshooting technical issues will be diagnostic data provided by the system
- Other improvements to minimize burden on field staff

# Future Innovations for NAEP



# School Communication and Planning

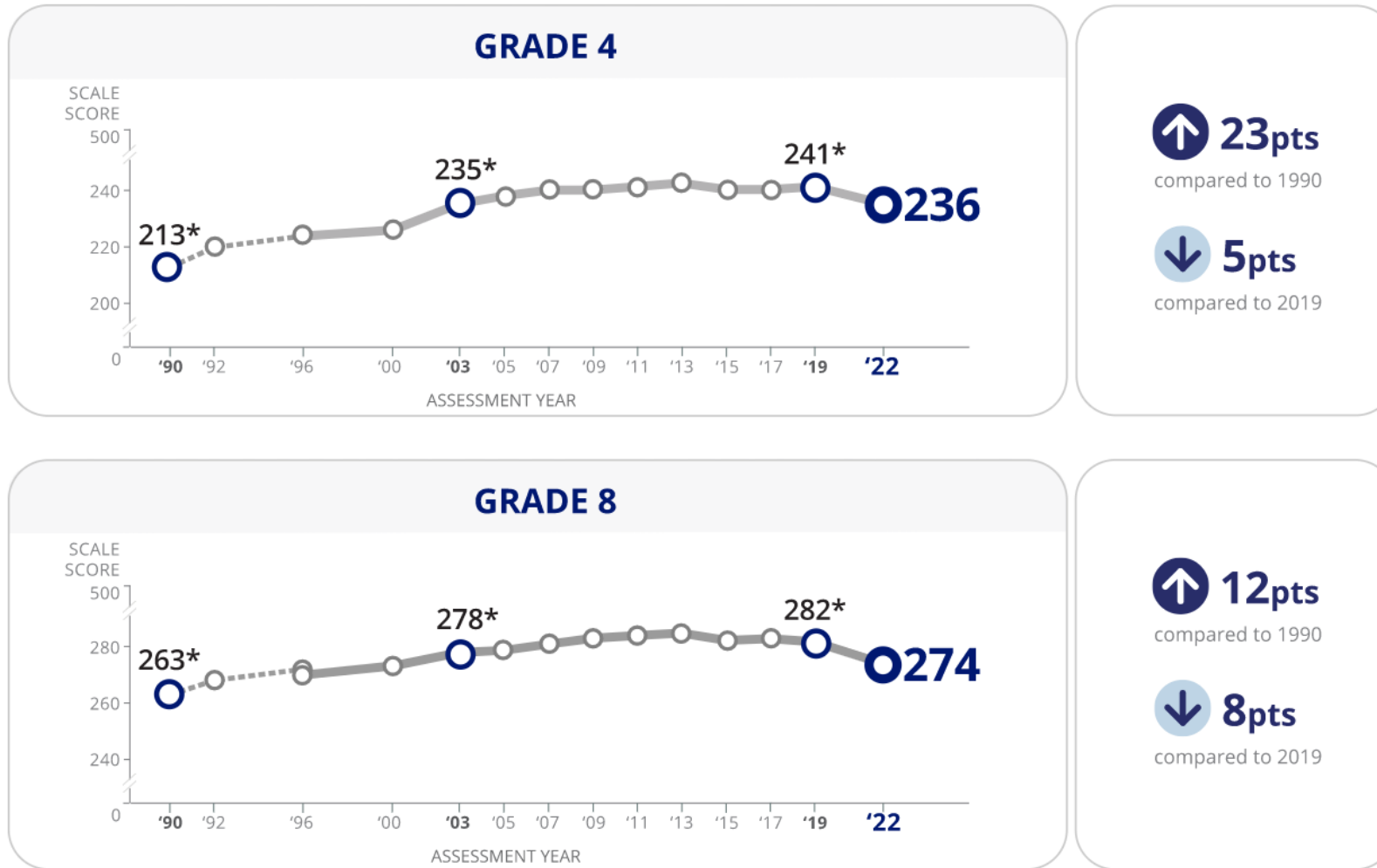
- Key points of contact include district superintendent, school/district technology coordinator, DTC, principal, and NAEP school coordinator
- Technical requirements and assessment support expectations need to be communicated clearly to ensure schools meet minimal specifications
- Preassessment technical readiness checks are needed to verify school networks meet minimum requirements
- Schools may be resistant to connect NAEP-owned devices to school networks.





# Mathematics Results National Overview NAEP 2022

# Largest ever score declines in mathematics



# Scores decline across states during pandemic

From **2019** to **2022**

**Grade 4**



From **2019** to **2022**

**Grade 8**

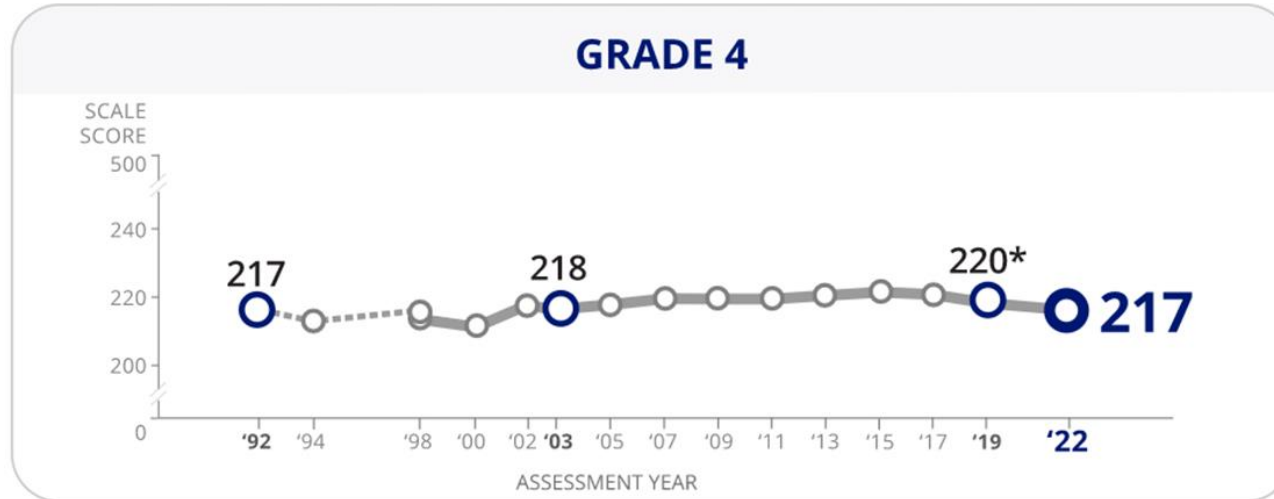






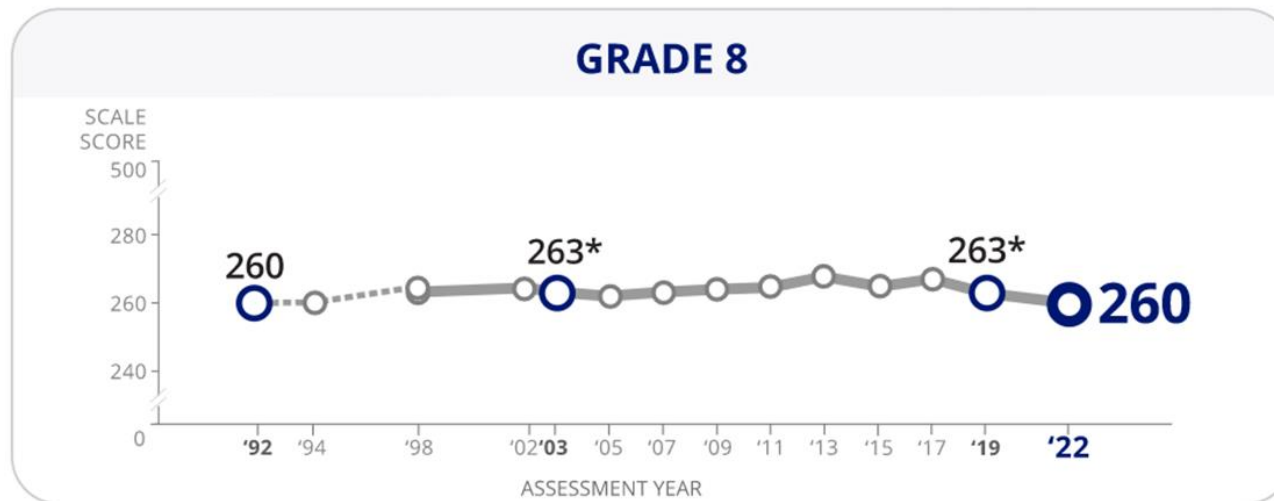
# Reading Results National Overview NAEP 2022

# Reading scores declined during pandemic



◆  
No significant  
score change  
compared to 1992

↓ **3pts**  
compared to 2019



◆  
No significant  
score change  
compared to 1992

↓ **3pts**  
compared to 2019

# Scores declined across majority of jurisdictions across both grades

From **2019** to **2022**

**Grade 4**



From **2019** to **2022**

**Grade 8**






NAEP in Texas



NAEP

TEXAS

NATIONAL ASSESSMENT  
OF EDUCATIONAL  
PROGRESS

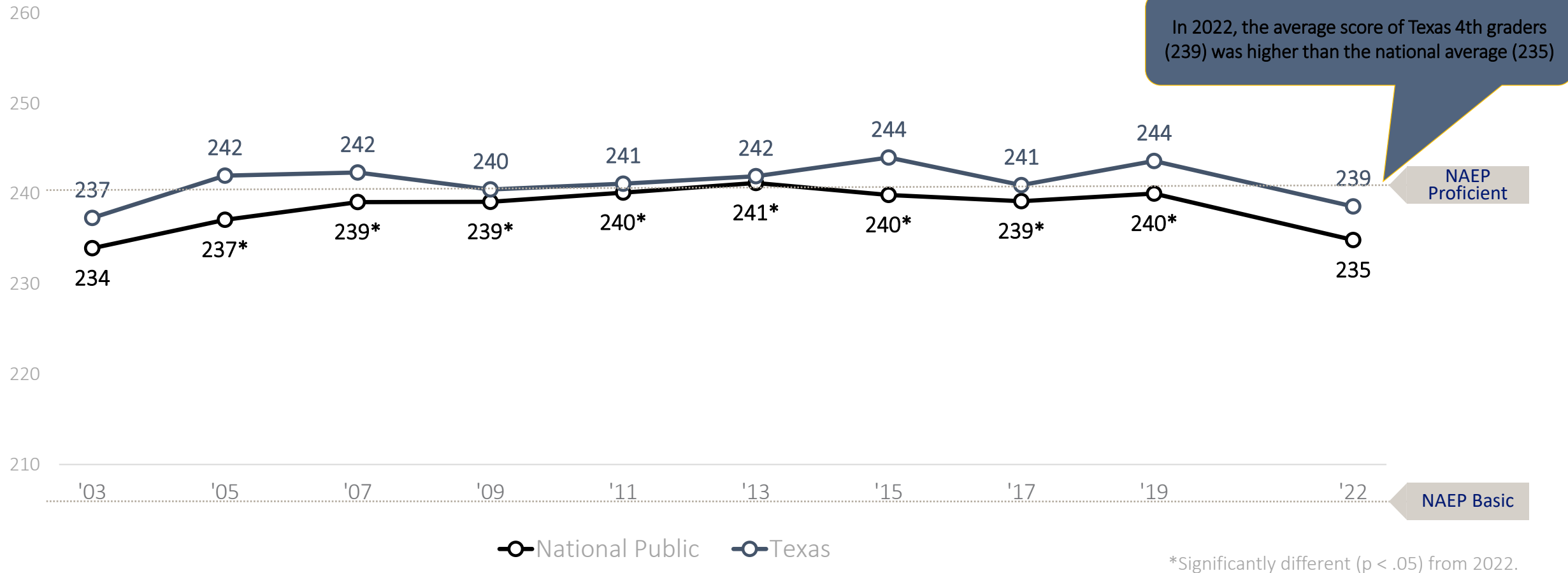


# Texas Mathematics Results NAEP 2022

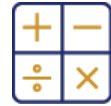
# Texas scores higher than the nation



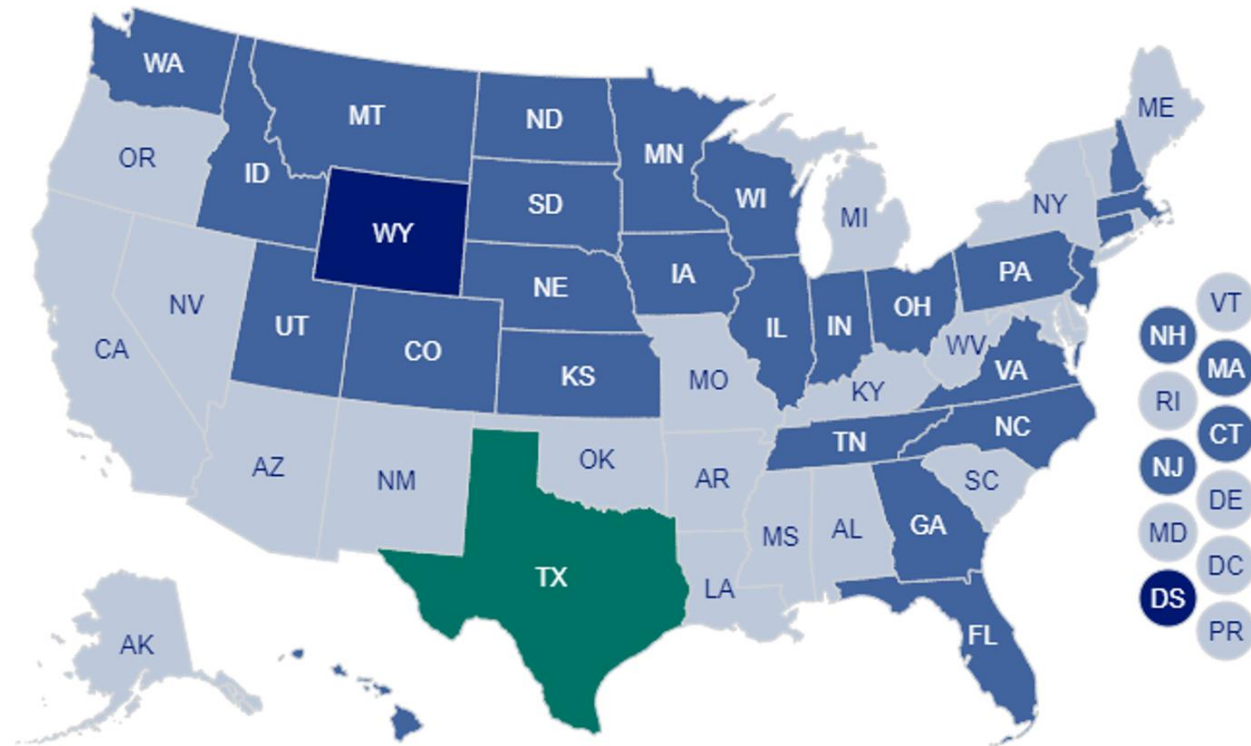
Grade 4



# Only DS & WY performer higher than TX, while comparison states CA & NY perform lower



Grade 4



2022 Texas public average scale score (0–500)

239

2

jurisdictions significantly higher

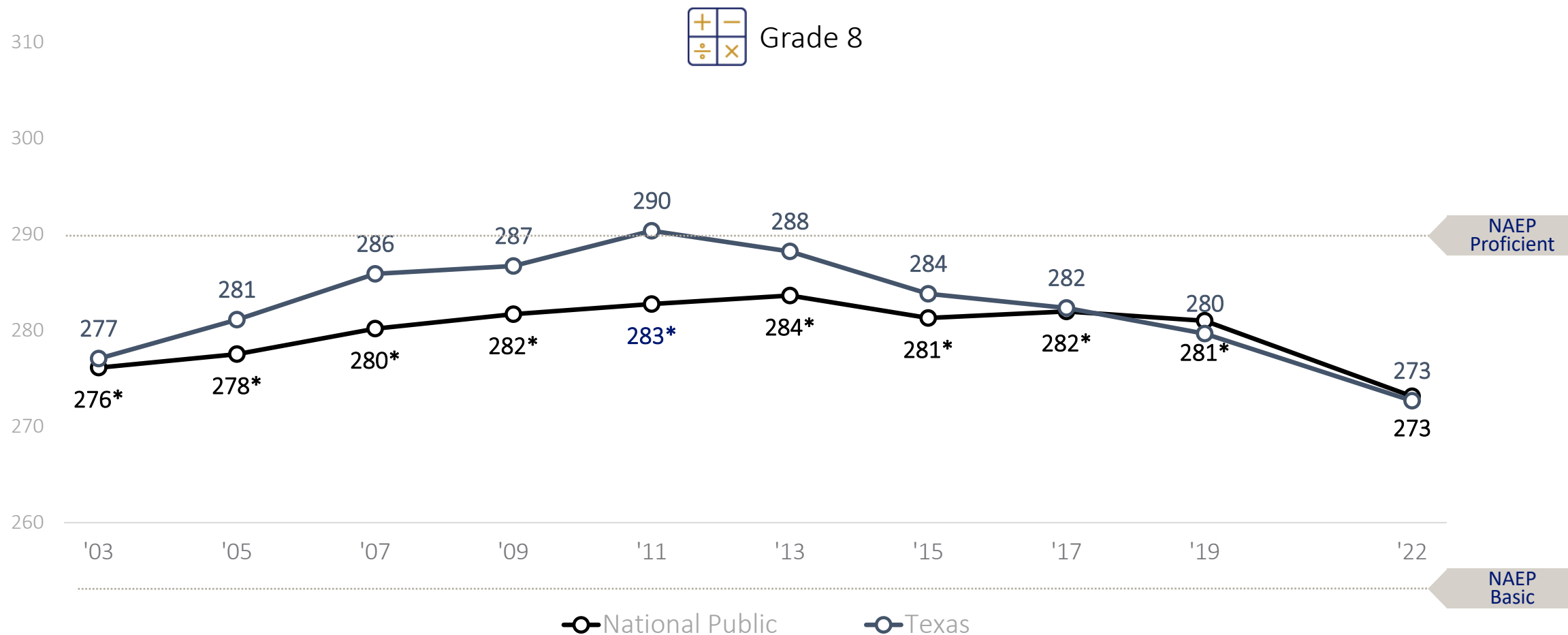
26

jurisdictions not significantly different

24

jurisdictions significantly lower

# TX scores decline and remain in line with the nation

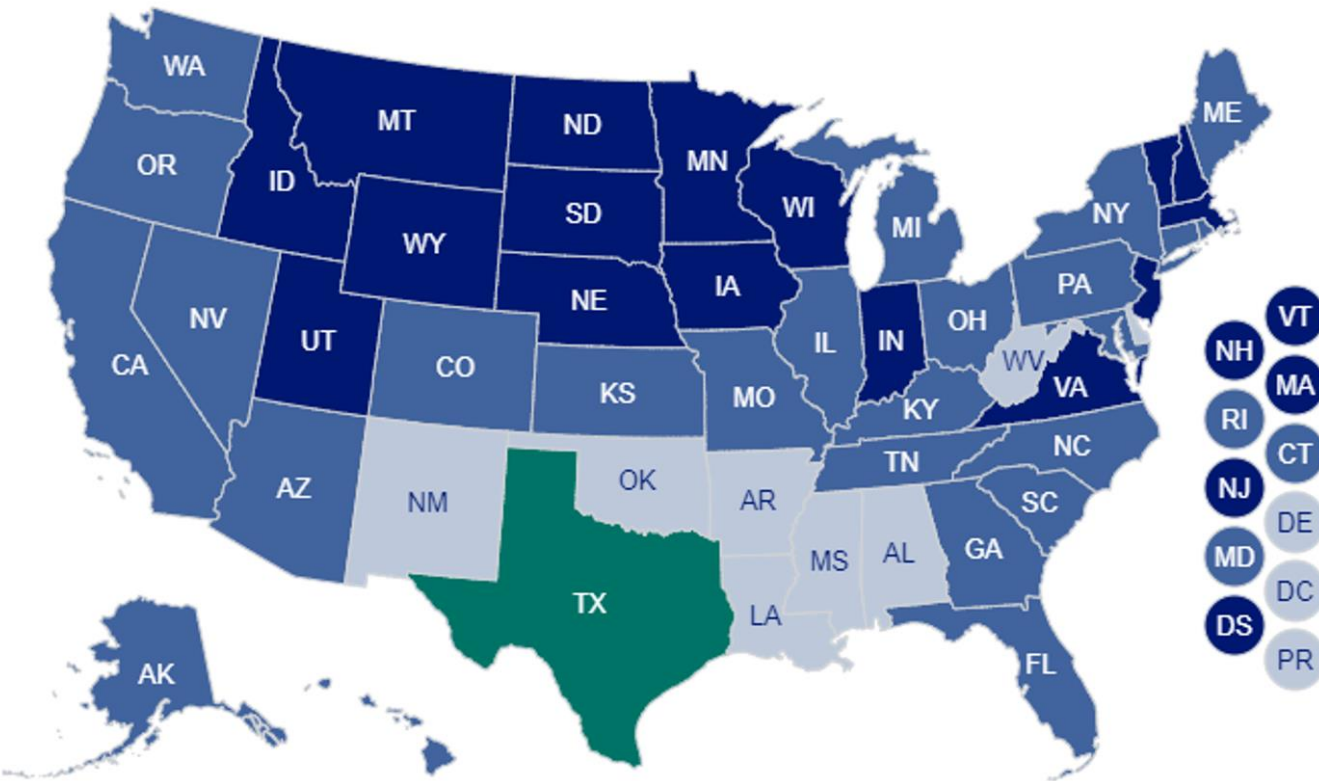


\*Significantly different ( $p < .05$ ) from 2022.



# TX performs along with comparison states NY, FL, IL & CA

 Grade 8



2022 Texas public average scale score (0–500)

**273**

**17**

jurisdictions significantly higher

**25**

jurisdictions not significantly different

**10**

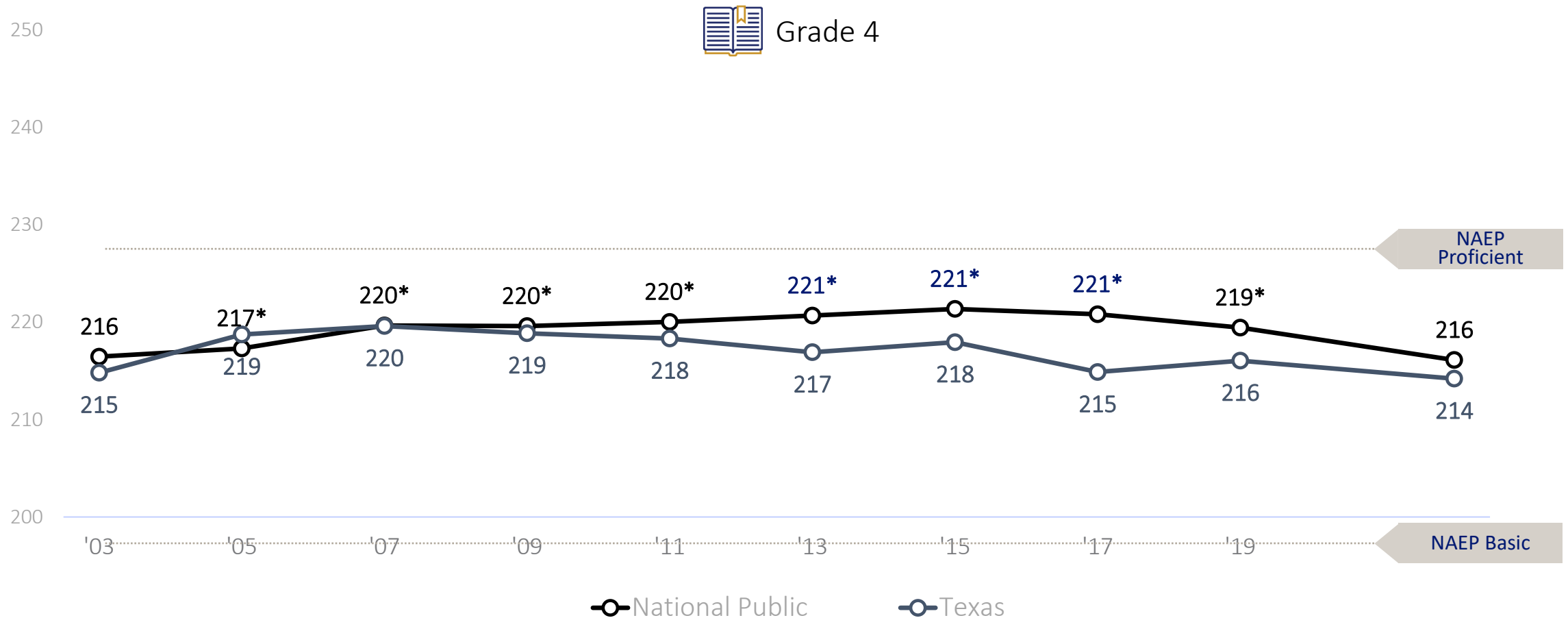
jurisdictions significantly lower





# Texas Reading Results NAEP 2022

# Scores remain statistically unchanged from 2019

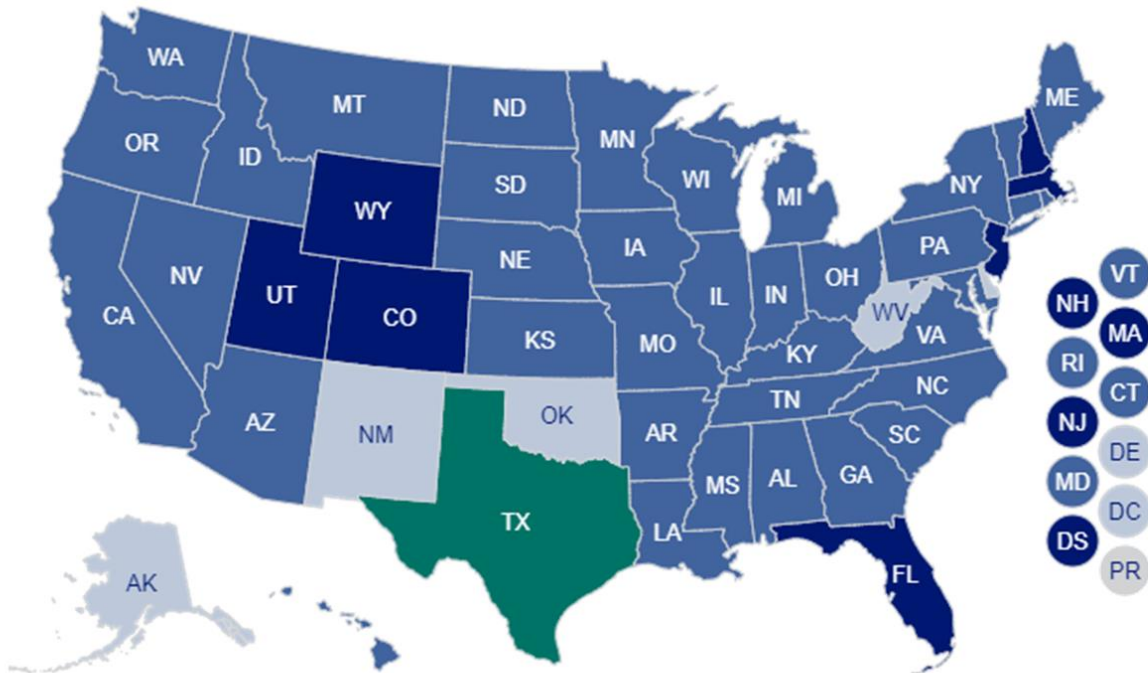


\*Significantly different ( $p < .05$ ) from 2022.

## TX joins comparable states (IL, NY & CA) with performance



Grade 4



## 2022 Texas public average scale score (0–500)

214

8

jurisdictions significantly higher

37

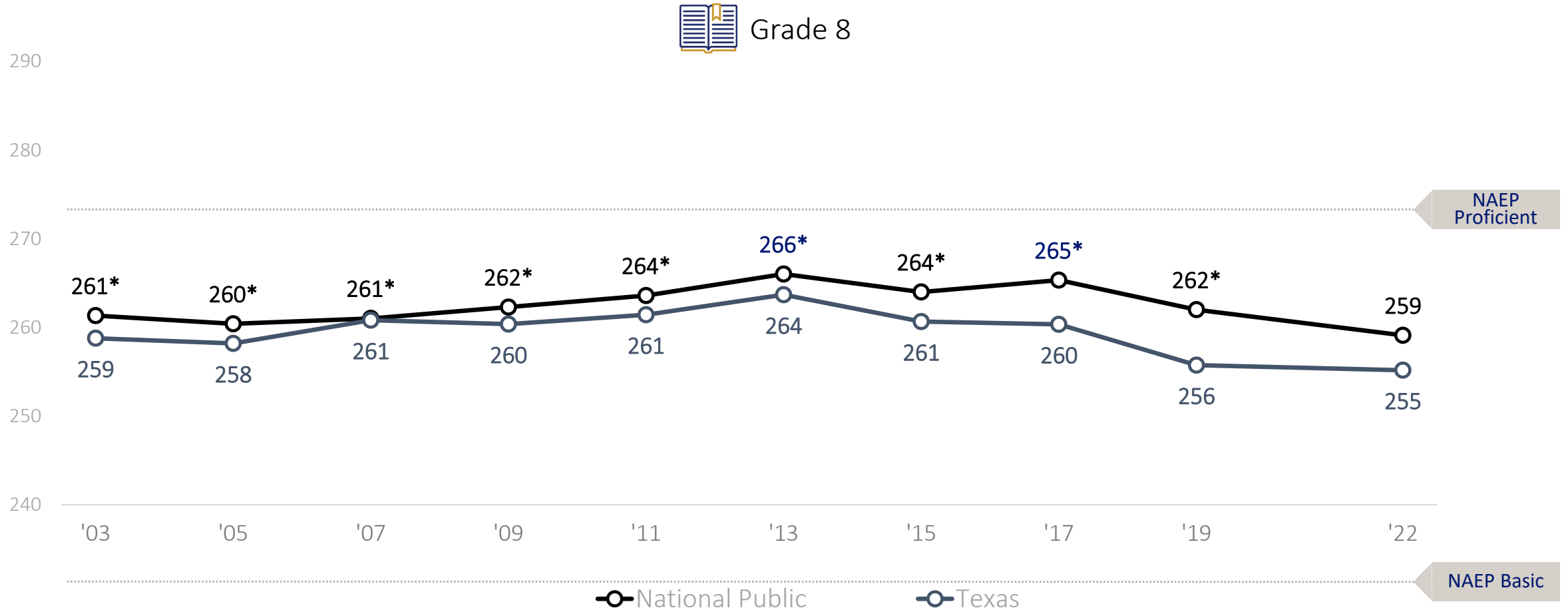
jurisdictions not significantly different

6

jurisdictions significantly lower



# While lower than the nation, Texas 8<sup>th</sup> grade reading scores remain unchanged from 2019

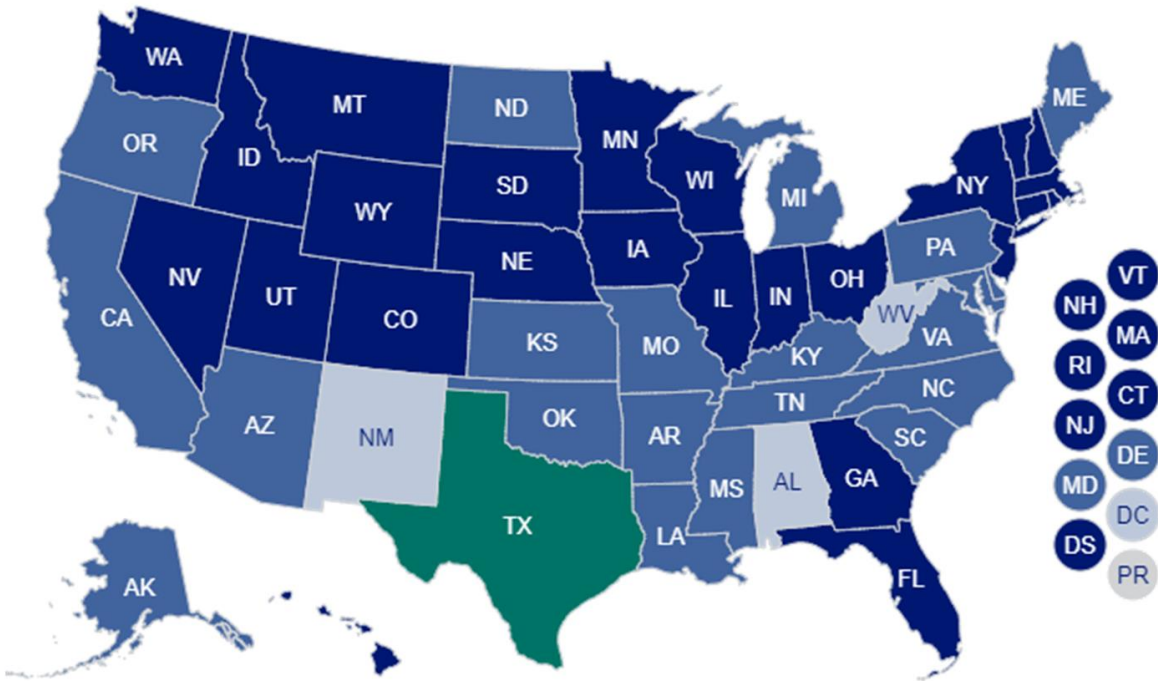


\*Significantly different ( $p < .05$ ) from 2022.

# State Comparisons



Grade 8



2022 Texas public average scale score (0–500)

255

26

jurisdictions significantly higher

21

jurisdictions not significantly different

4

jurisdictions significantly lower





# What's Up and Coming in International Studies



# International Studies

**ICILS** International  
Computer and  
Information  
Literacy Study

**PISA** Program for  
International  
Student  
Assessment

**TALIS** Teaching and  
Learning  
International  
Study

**TIMSS** Trends in  
International  
Mathematics and  
Science Study

# Comparison of International Assessments

	TIMSS	ICILS	PISA	TALIS
<b>Grade or Age</b>	Grades 4 & 8	Grade 8	15-year-olds	Teachers of grades 7, 8 & 9, as well as their principals
<b>Subjects or Content</b>	Math & Science	Computer & Information Literacy; Computational Thinking	Math, Reading & Science Literacy	Teachers, teaching & learning environments
<b>Typical U.S. Assessment Window</b>	March - June	March - May	October - November	March - May
<b>Frequency</b>	Every 4 years	Every 5 years	Every 3 years	Every 6 years

# Program for International Student Assessment (PISA)

## 2025 Field Test

**Subjects:** mathematics, reading, science, and a new assessment called, “learning in a digital world”

**Students:** up to 52 15-year-old students in each school

**Components:** student assessment, student questionnaire, and online school questionnaire

**Session timing:** approximately 4 hours, including instructions, breaks, and a questionnaire

**Assessment window:** Spring 2025

More information: <https://nces.ed.gov/surveys/pisa/>

# Teaching and Learning International Survey (TALIS) 2024

## Main Study

**Survey respondents:** school principal and a random sample of up to 35 eligible teachers per school (teachers of students in grades 7, 8, and 9)

**Survey content:** questions about respondents' backgrounds, work environments, professional development, beliefs and attitudes about teaching, and pedagogical knowledge

**Survey timing:** approximately 45-60 minutes

**Assessment window:** March-April 2024

More information: <https://nces.ed.gov/surveys/talis/>



# Questions?



TE★AS ASSESSMENT

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