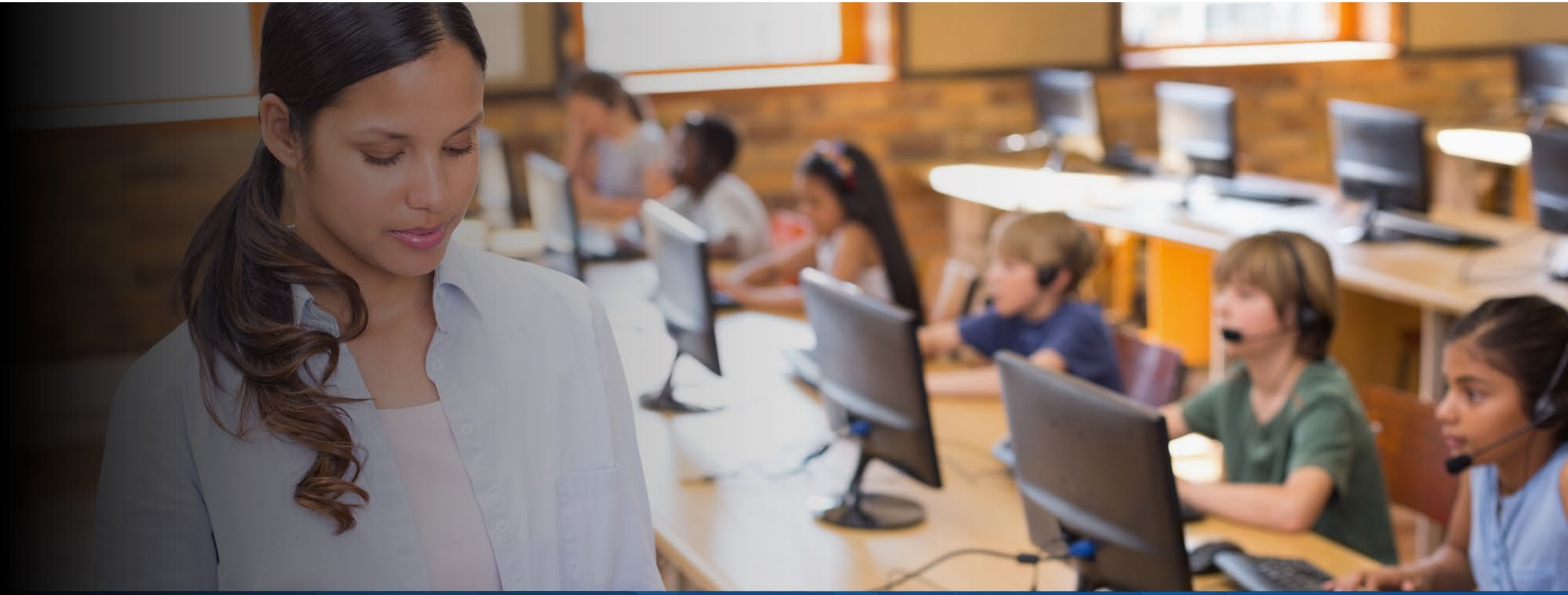


National Assessment of Educational Progress (NAEP)

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

The Nation's Report Card

National Assessment of Educational Progress

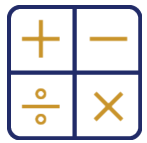
NAEP includes a range of subjects at grades 4, 8, and 12

Civics

Economics

Geography

U.S. History

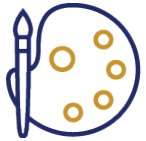

Mathematics

Music

Reading

Science

Technology & Engineering Literacy


Visual Arts

Writing

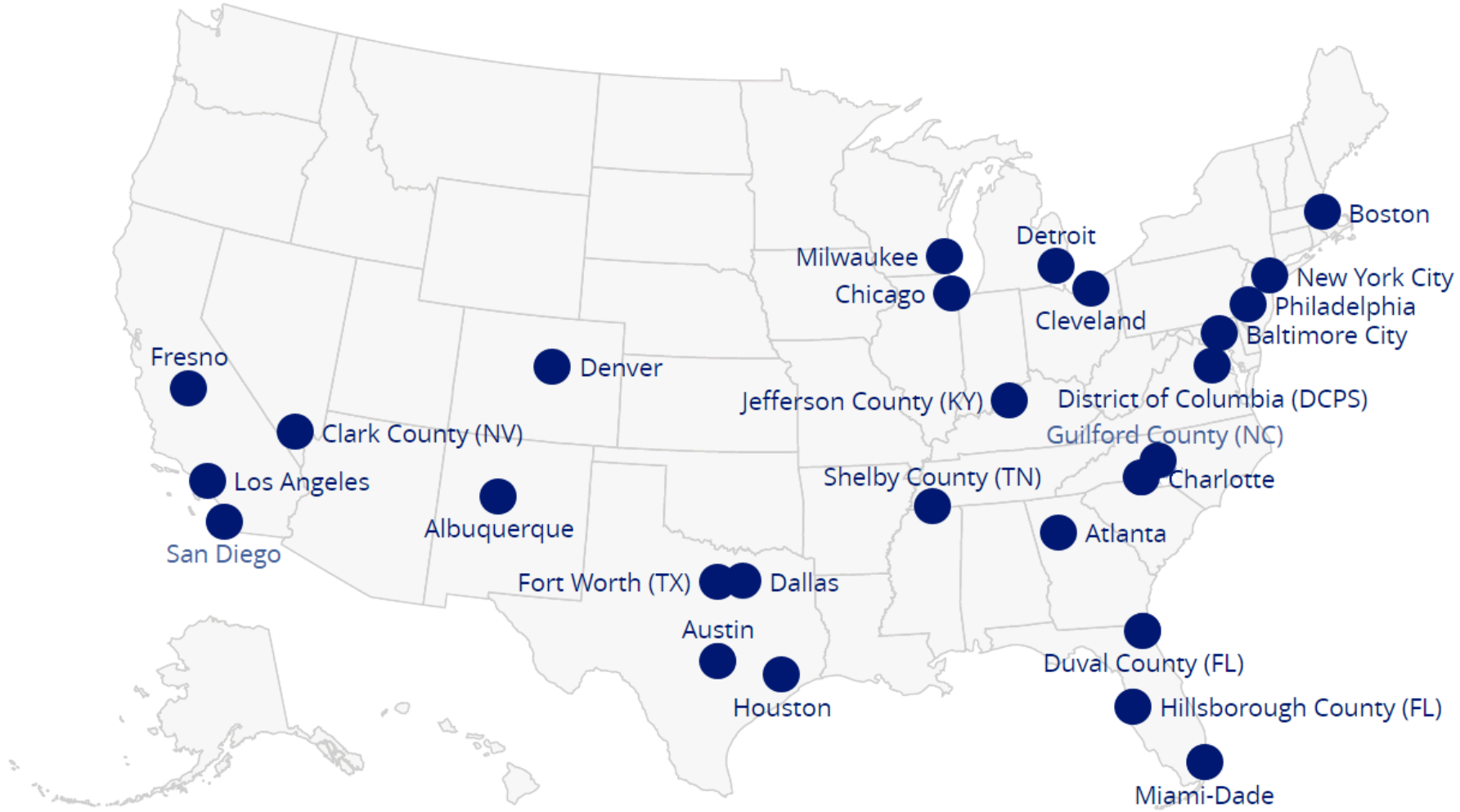
Most subjects return national results only. State level results are available for reading and mathematics at grades 4 & 8.

Who participates?

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

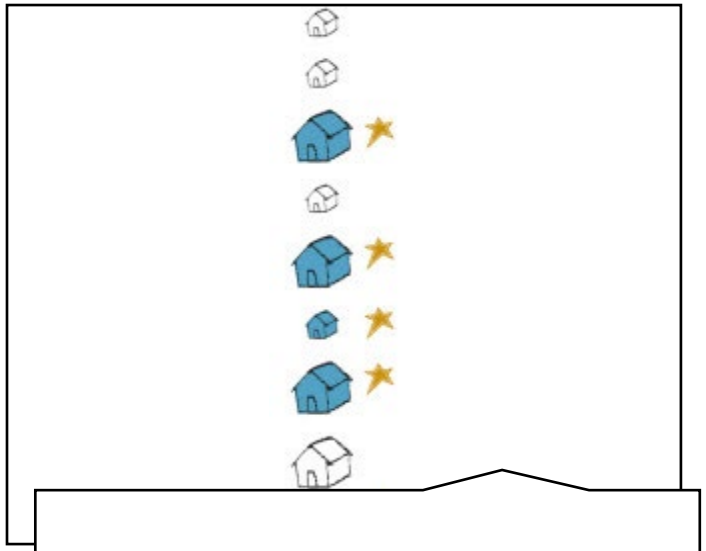
- All 50 states
- Department of Defense Education Activity
- District of Columbia
- 26 urban districts - Trial Urban District Assessment (TUDA)

Texas has four districts in the TUDA program

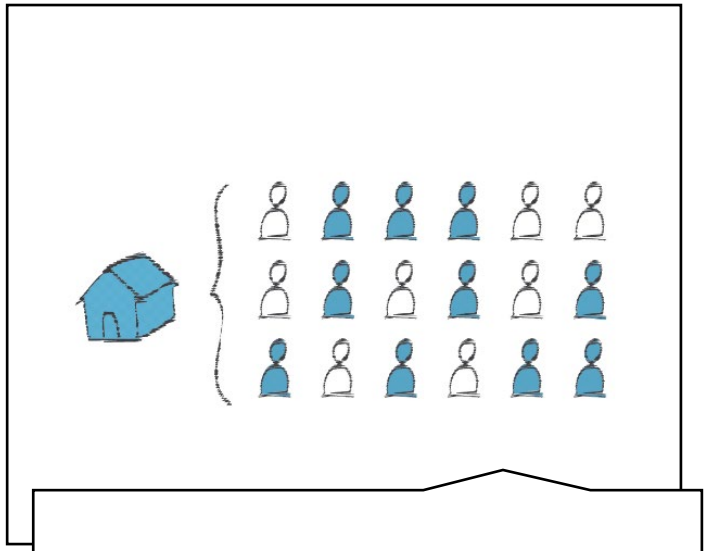


How are schools and students selected?

1. Identify all eligible schools



2. Sample schools



3. Sample students

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

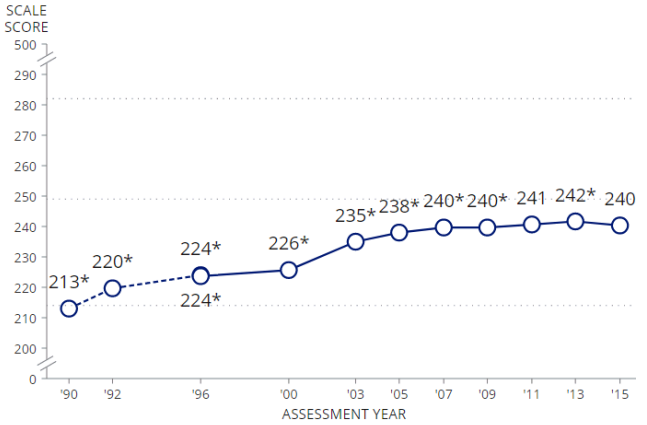
Accommodations provided as necessary for

- Students with disabilities
- English learners

How are NAEP results reported?

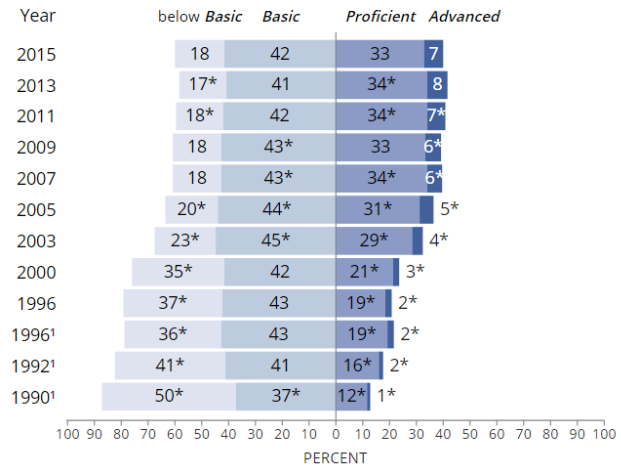
Scale Scores

- 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)

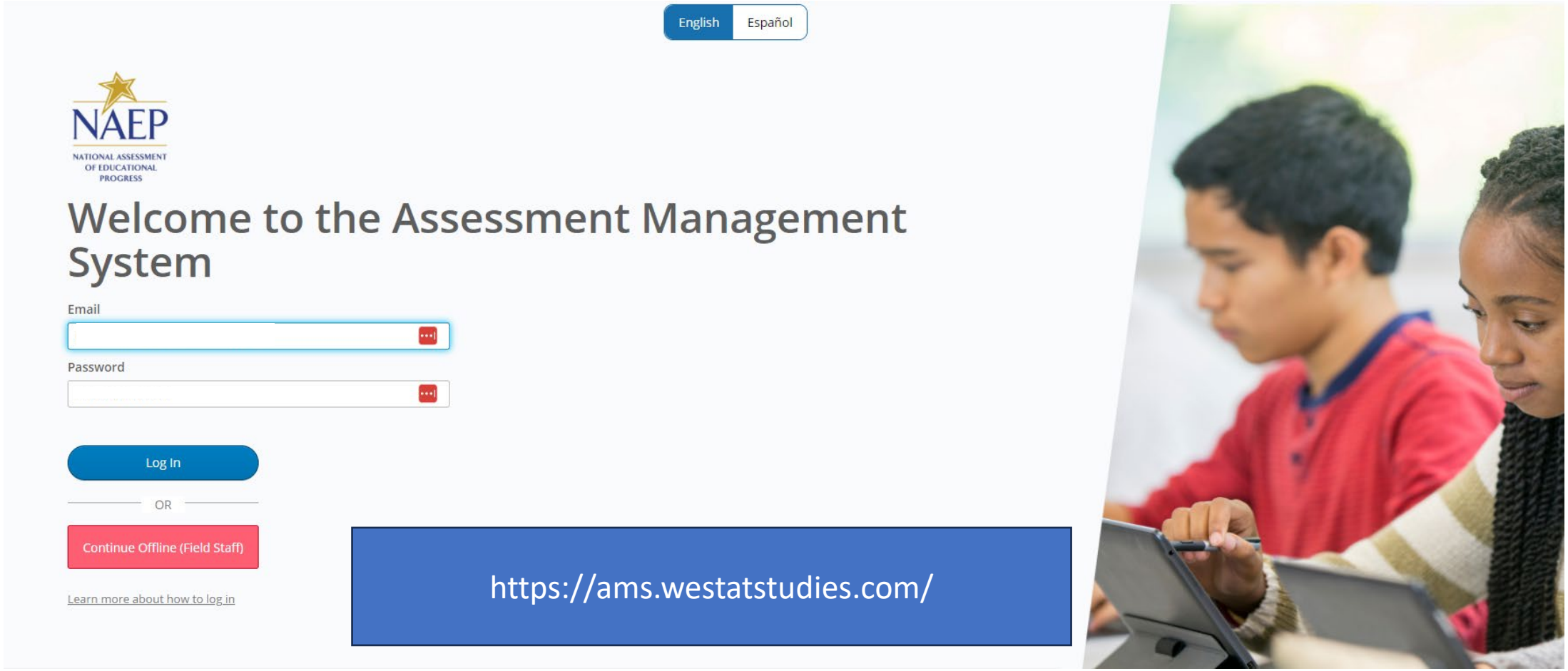
School-Based Equipment Proof-of- Concept (SBE POC) Study

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

The Future of NAEP

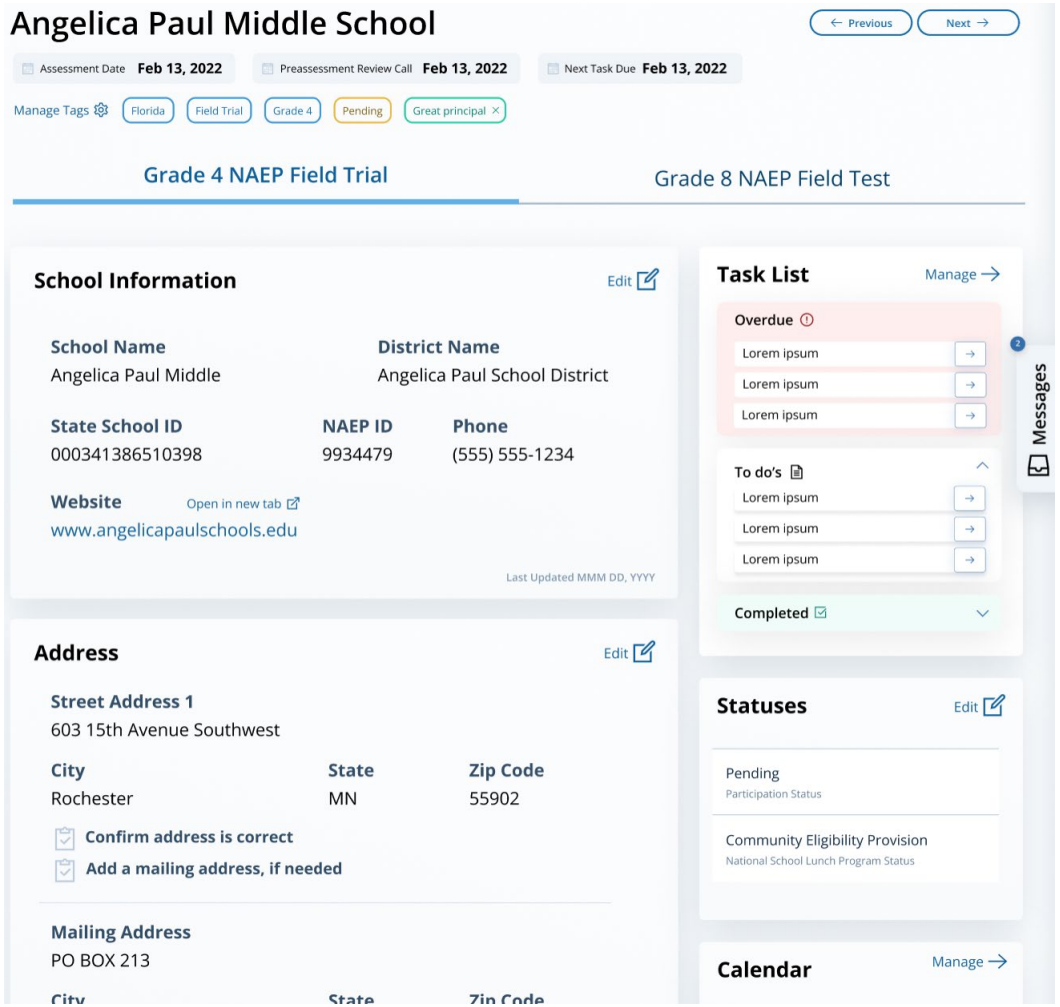
NAEP Assessment Management System (AMS)



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

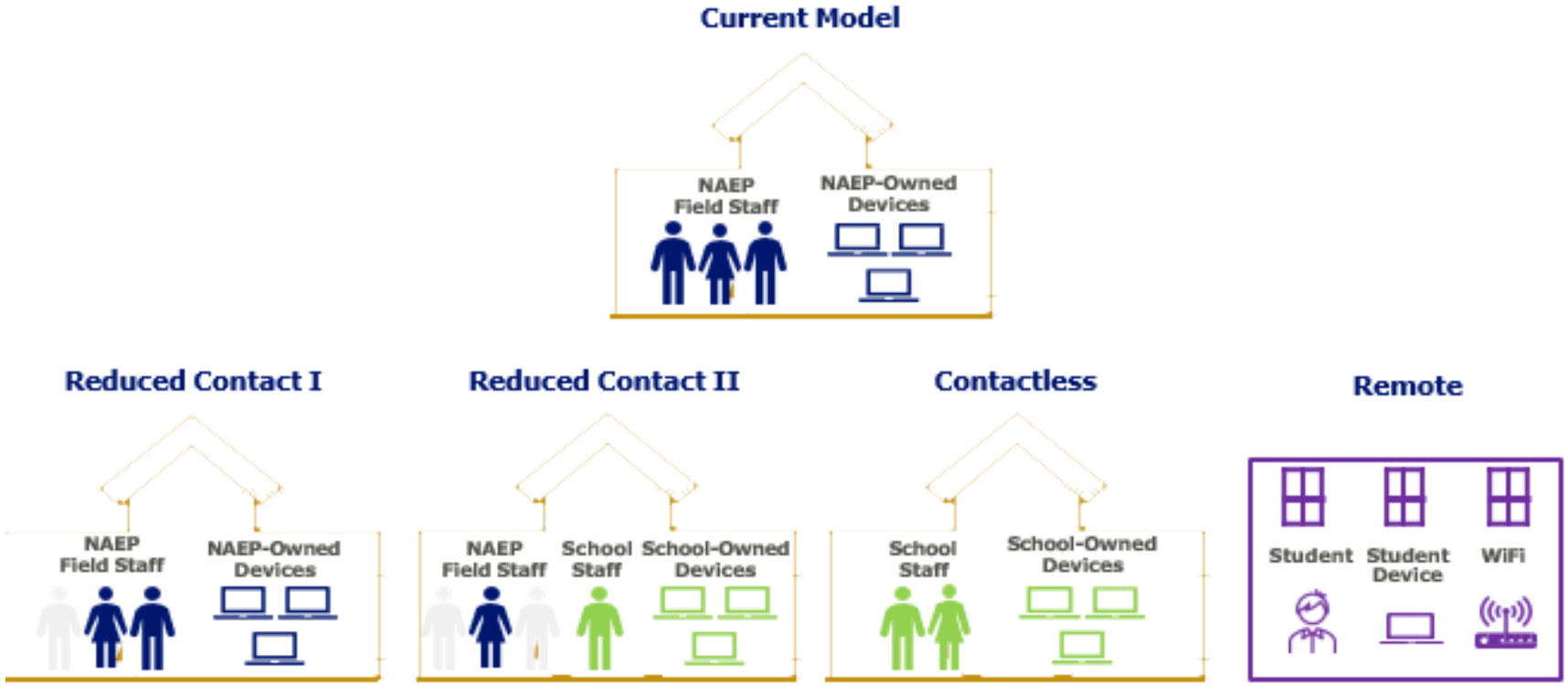
Friendly user interface



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

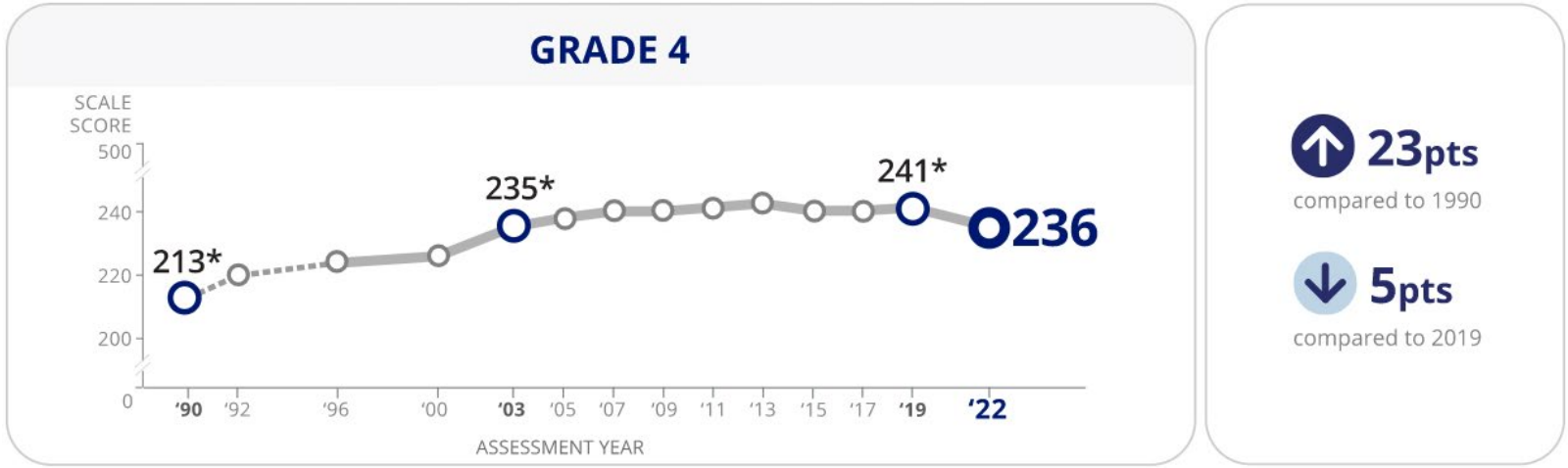


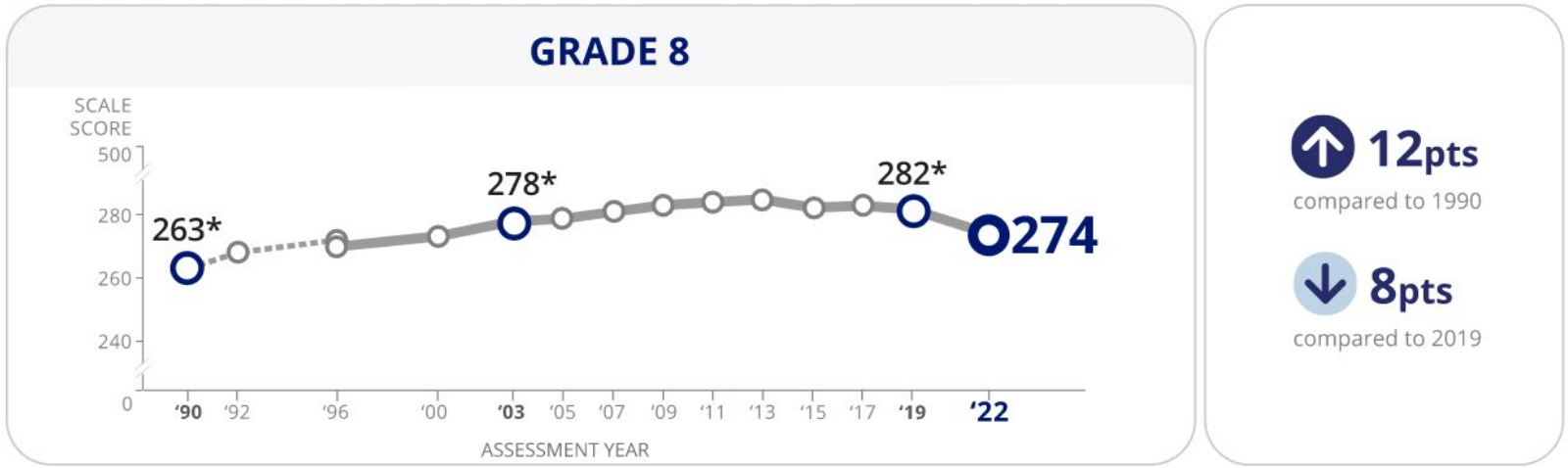
School Communication and Planning

- 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

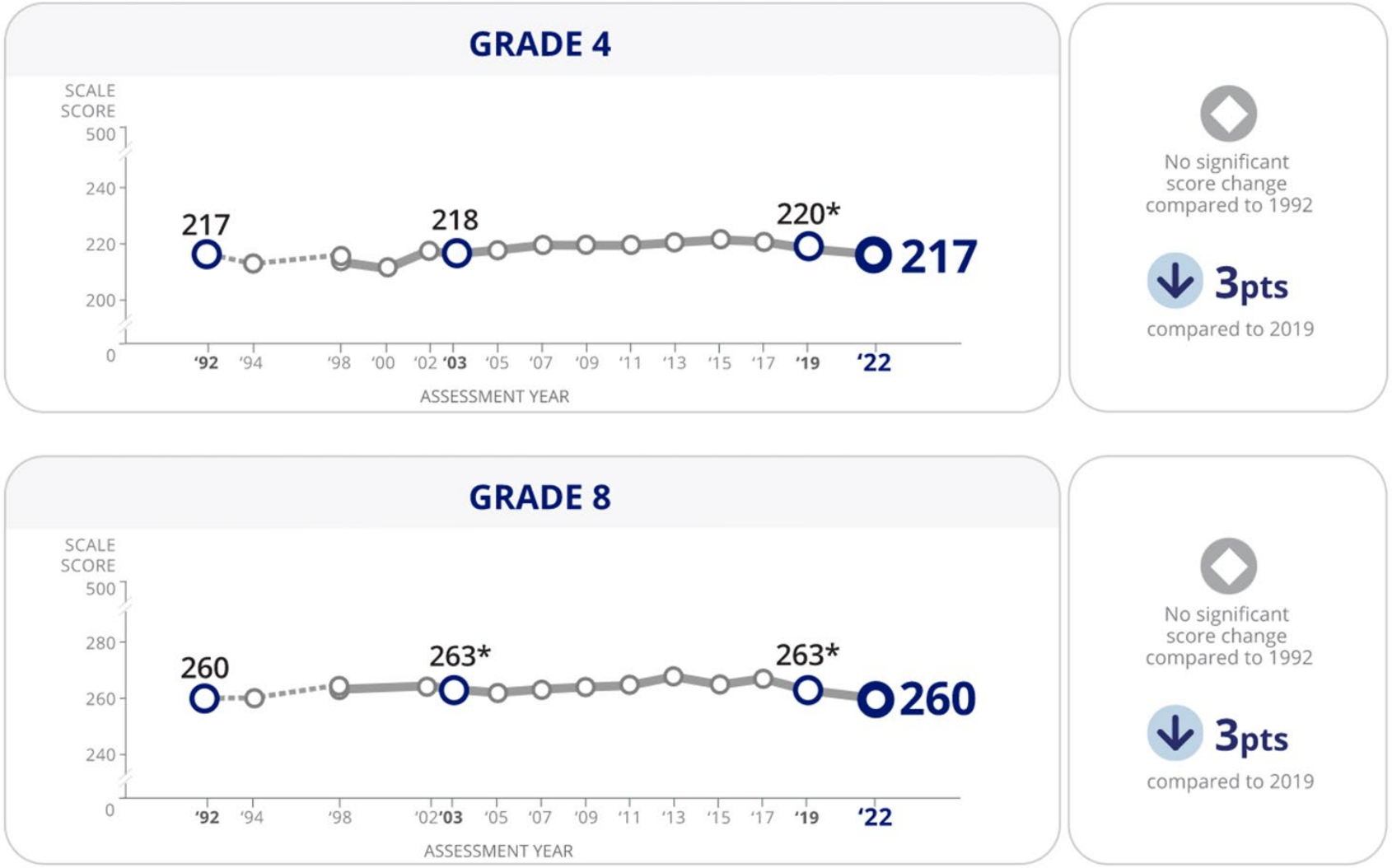




Scores decline across states during pandemic

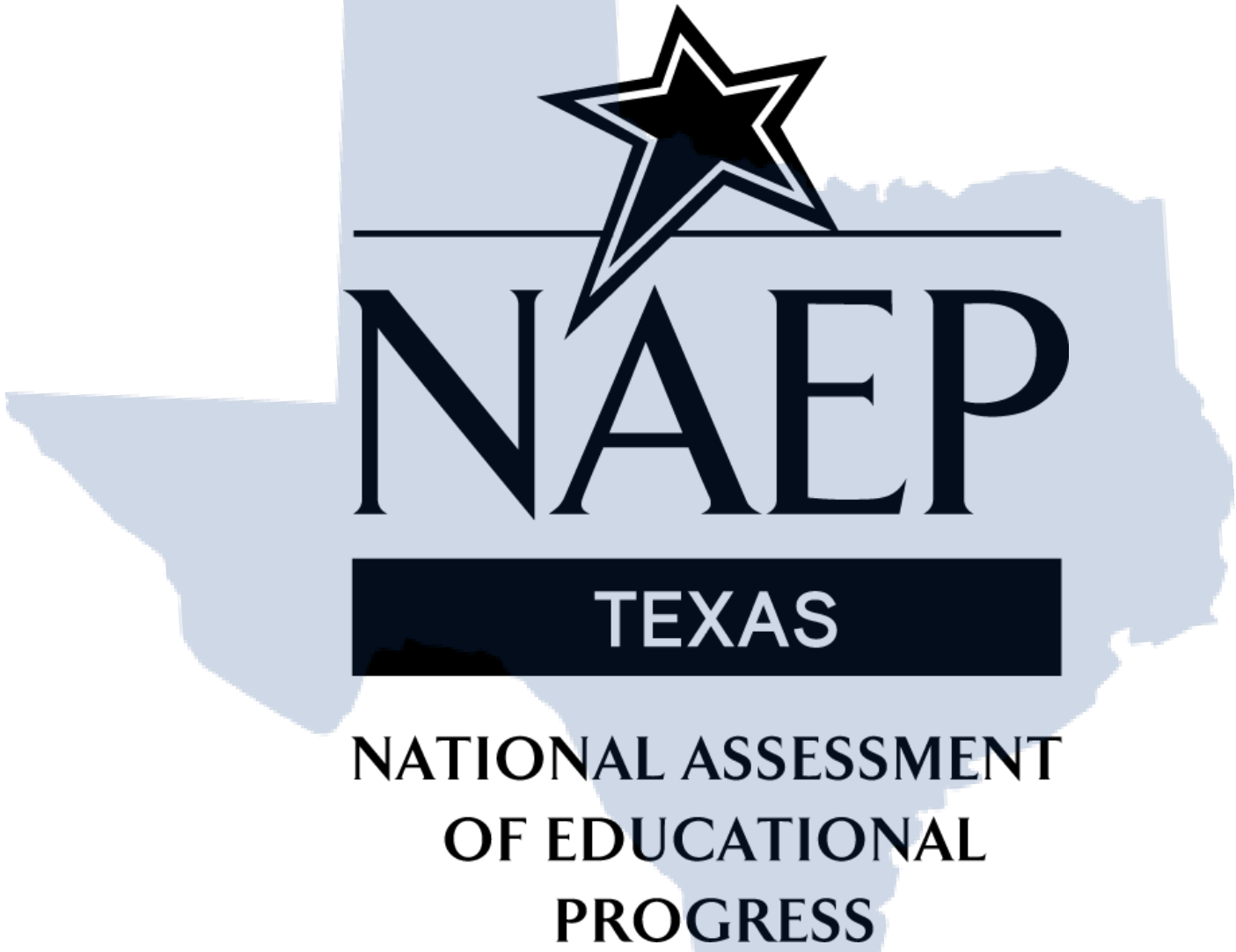
Reading Results National Overview NAEP 2022

Reading scores declined during pandemic



Scores declined across majority of jurisdictions across both grades

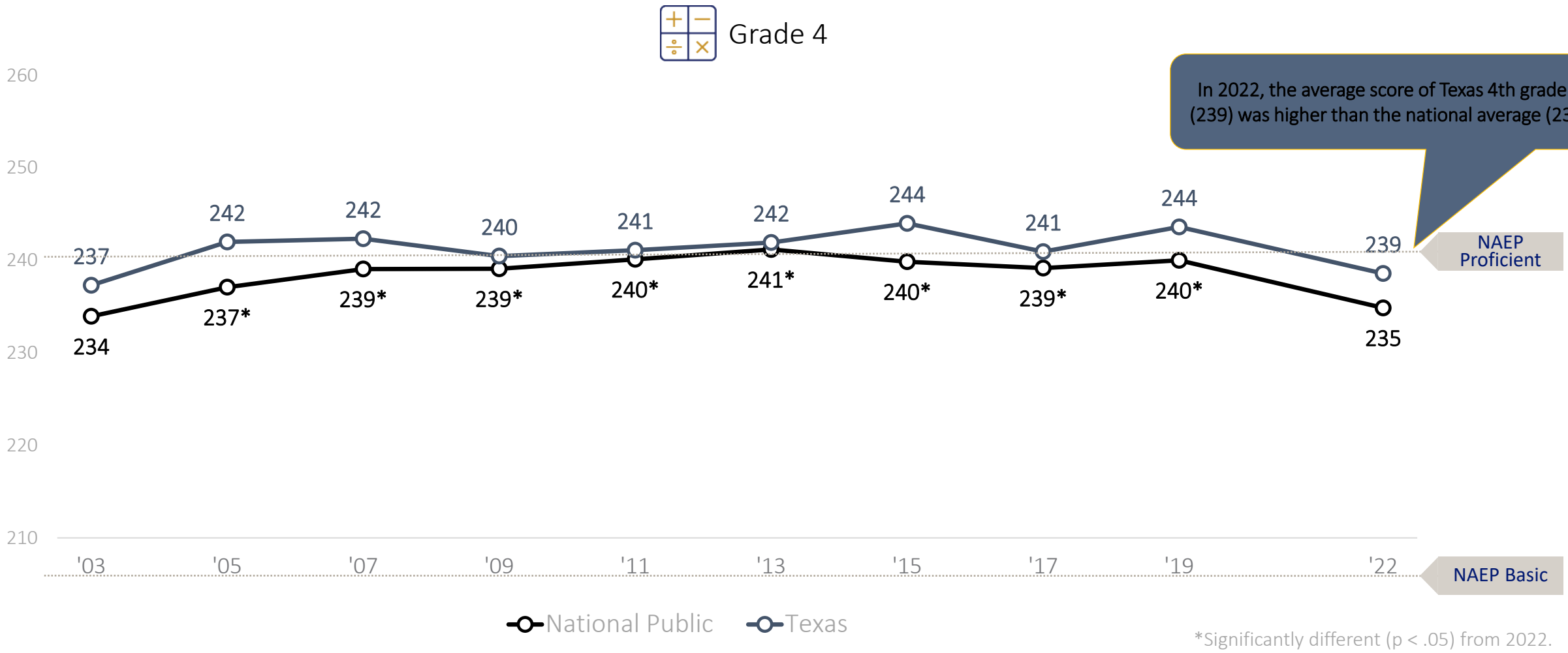
NAEP in Texas



Texas Mathematics Results

NAEP 2022

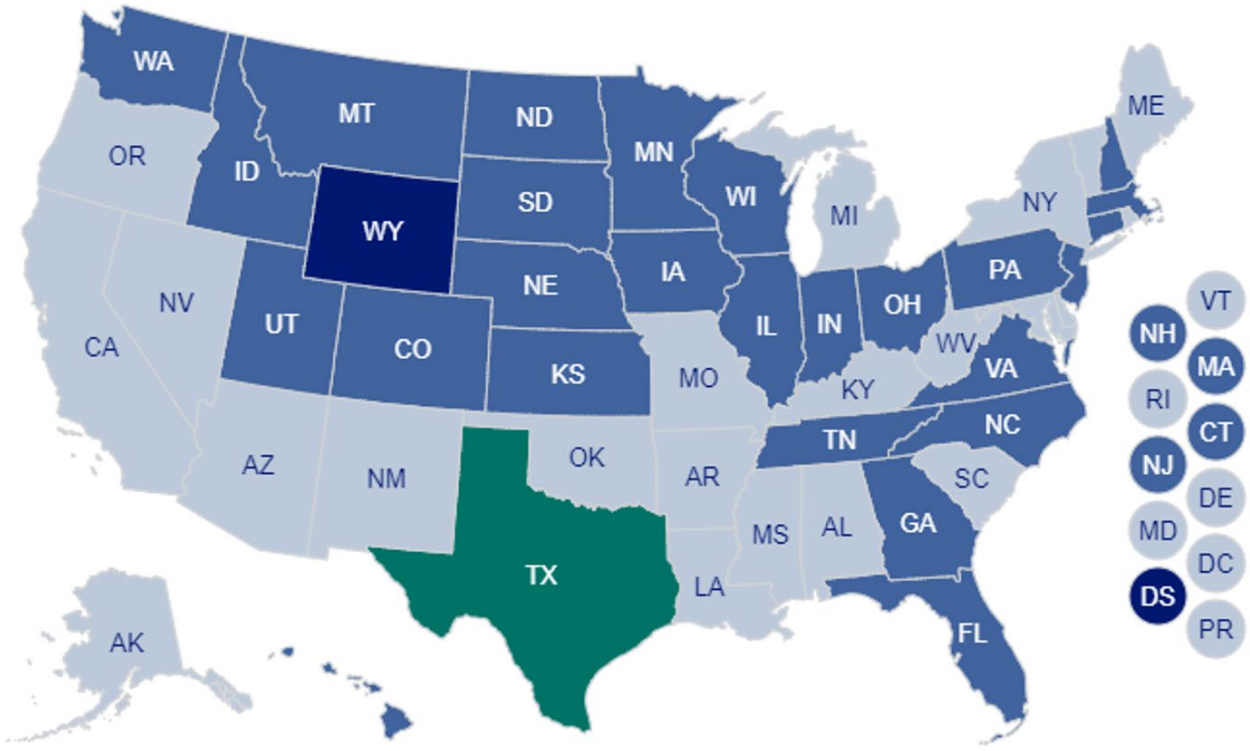
Texas scores higher than the nation



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

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

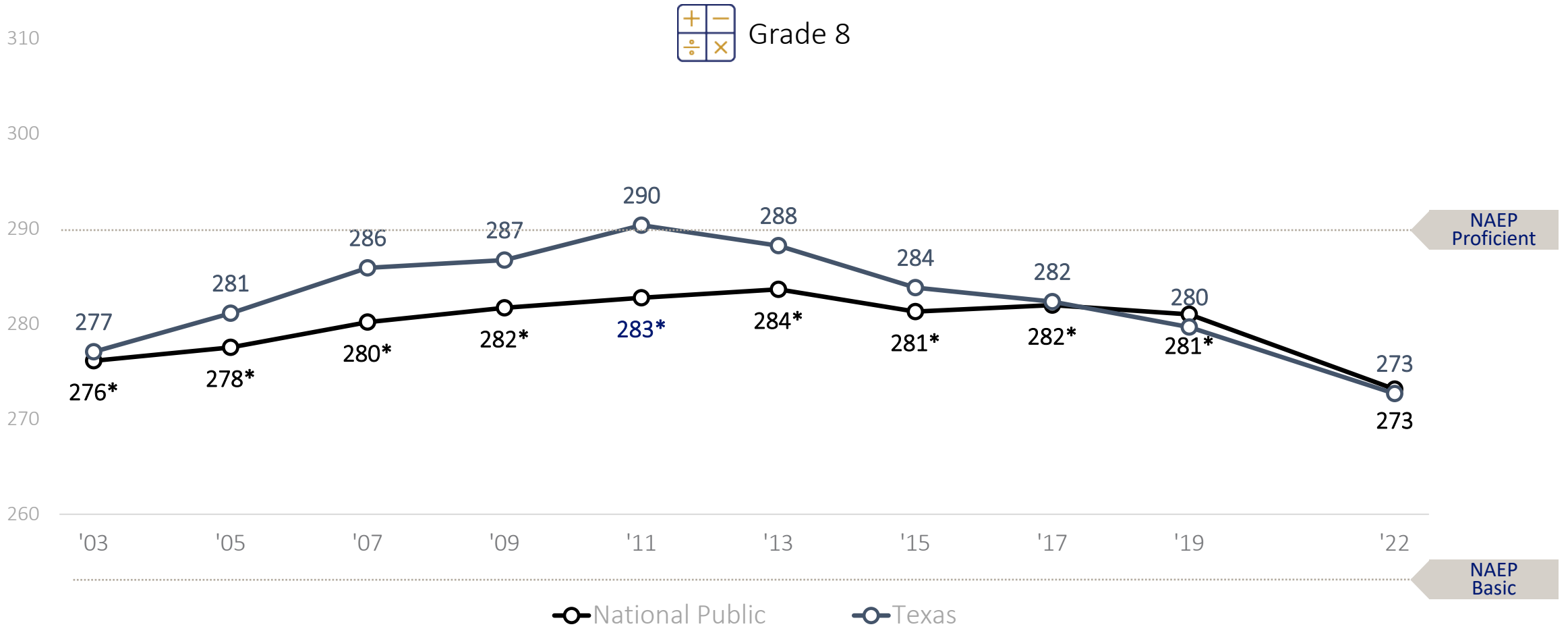
26

jurisdictions not significantly different

24

jurisdictions significantly lower

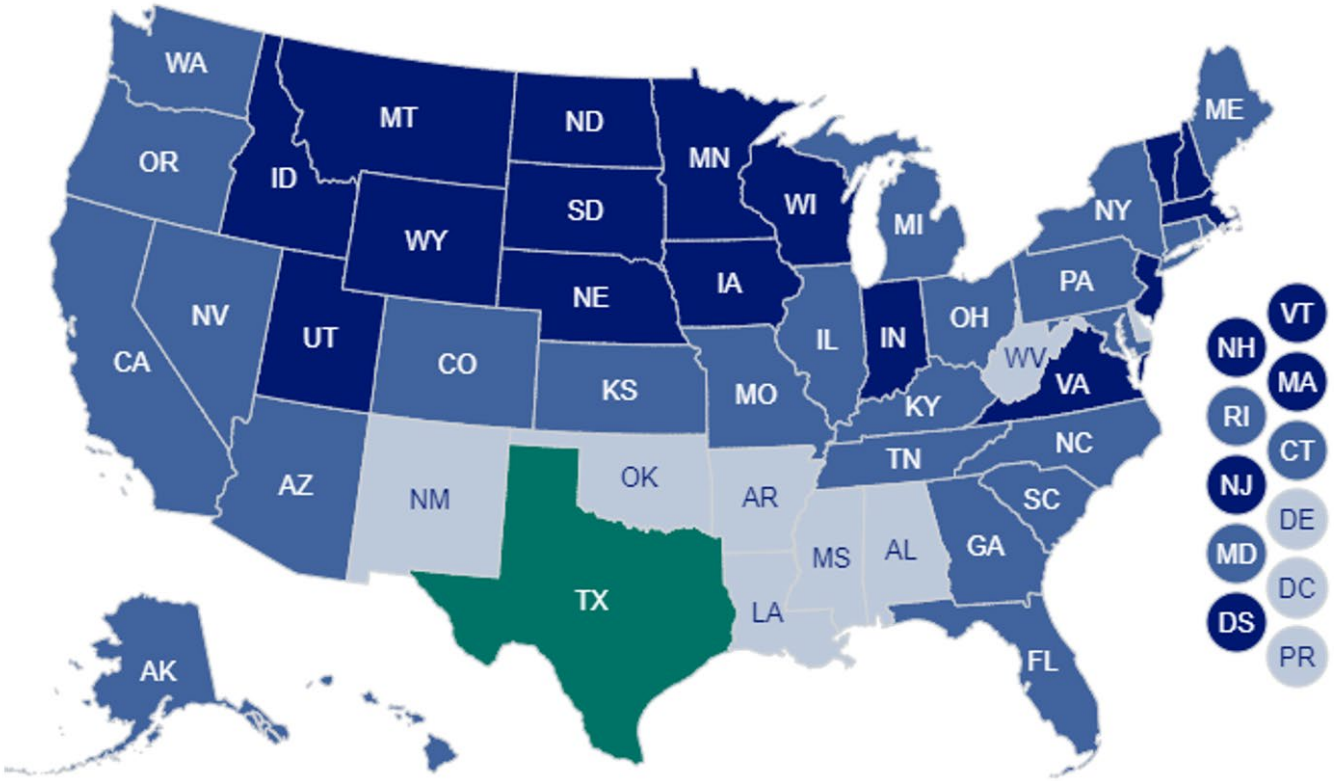
TX scores decline and remain in line with the nation



*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

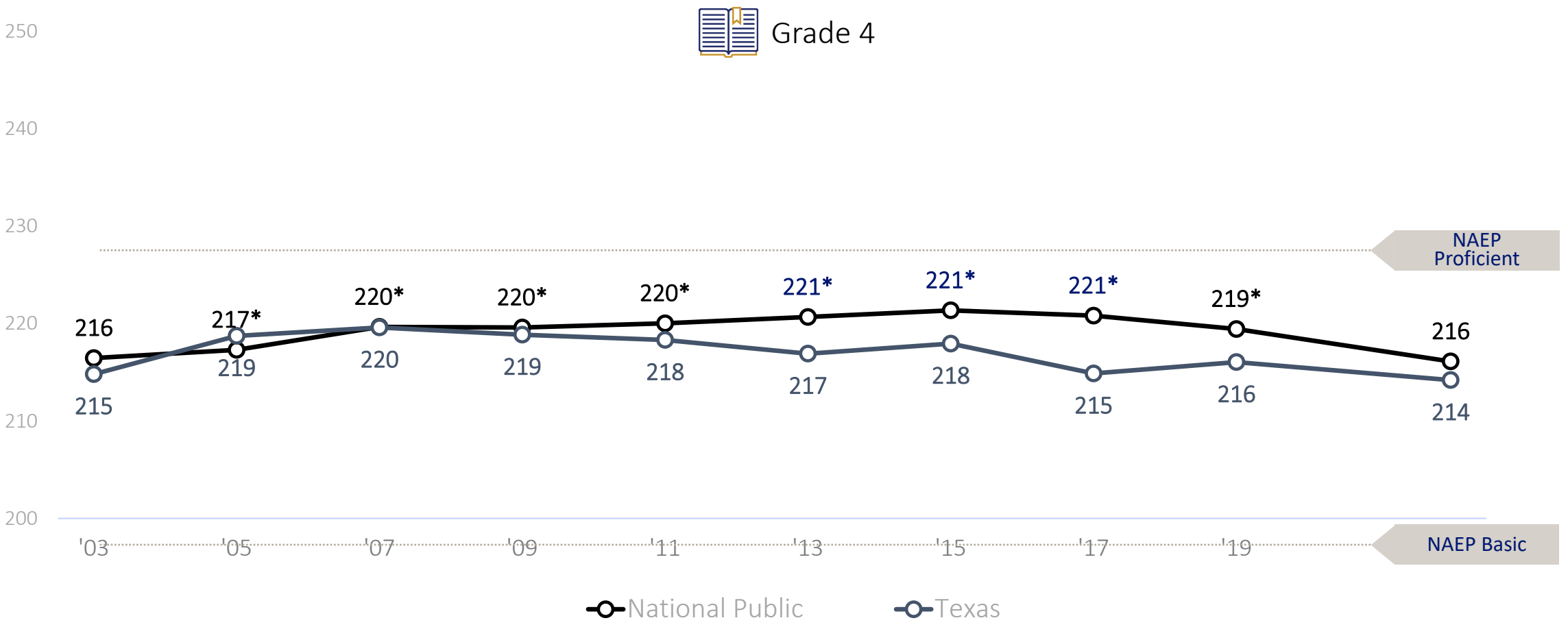
17
jurisdictions significantly higher

25
jurisdictions not significantly different

10
jurisdictions significantly lower

Texas Reading Results
NAEP 2022

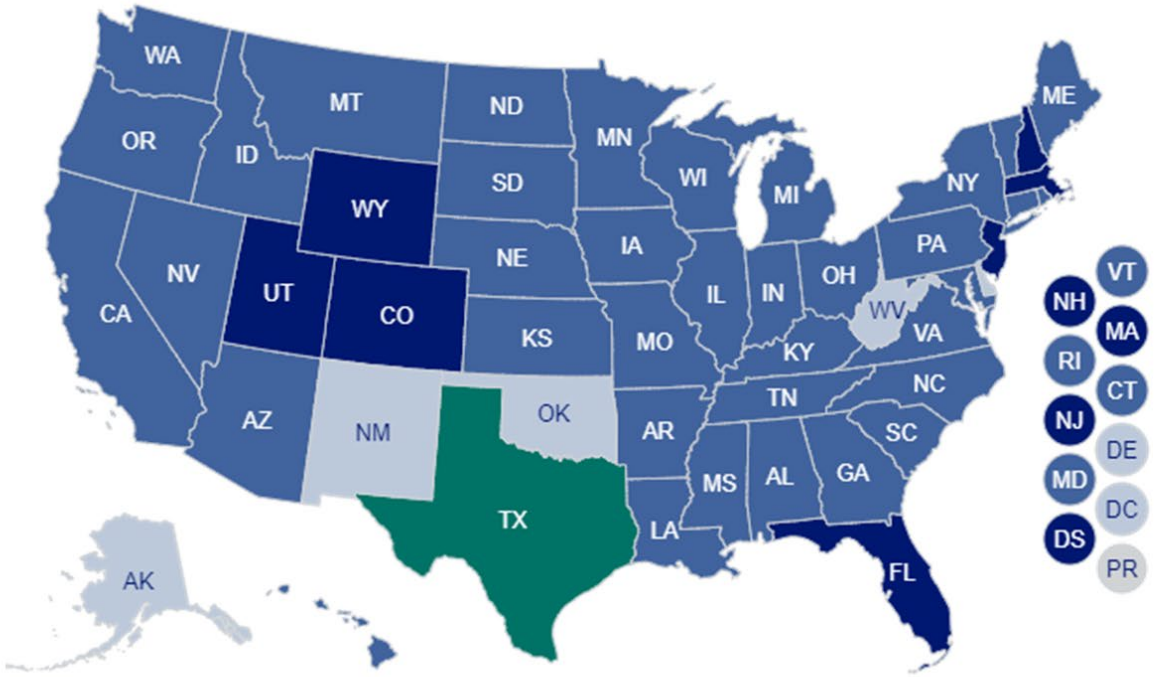
Scores remain statistically unchanged from 2019



*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)

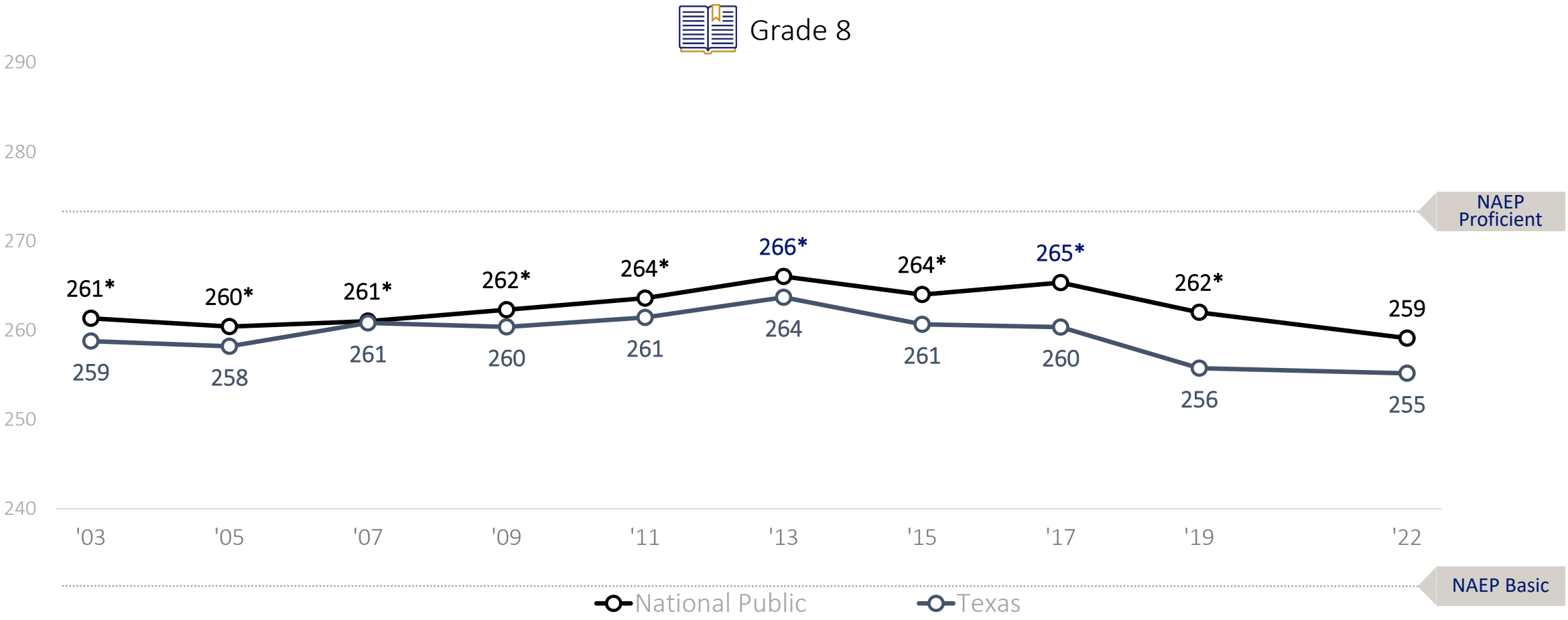
214

8
jurisdictions significantly higher

37
jurisdictions not significantly different

6
jurisdictions significantly lower

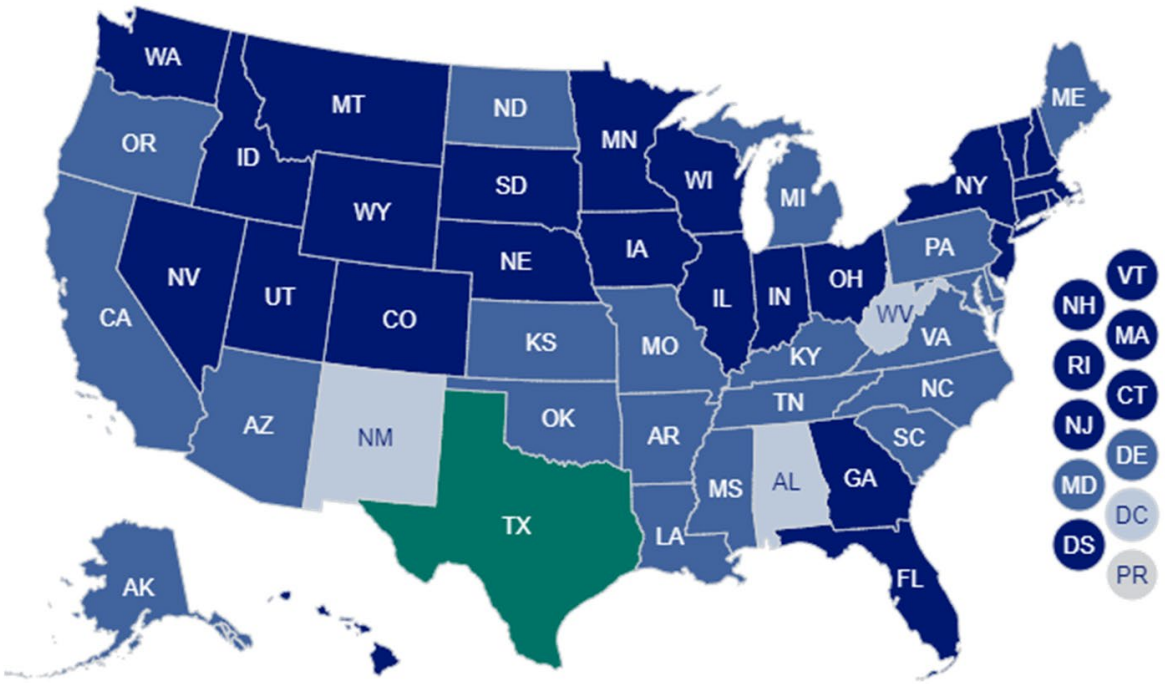
While lower than the nation, Texas 8th grade reading scores remain unchanged from 2019



*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
Grade or Age	Grades 4 & 8	Grade 8	15-year-olds	Teachers of grades 7, 8 & 9, as well as their principals
Subjects or Content	Math & Science	Computer & Information Literacy; Computational Thinking	Math, Reading & Science Literacy	Teachers, teaching & learning environments
Typical U.S. Assessment Window	March - June	March - May	October - November	March - May
Frequency	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?

TEXAS ASSESSMENT

Find out more!

Visit NAEP: http://nationsreportcard.gov

Follow NAEP:

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