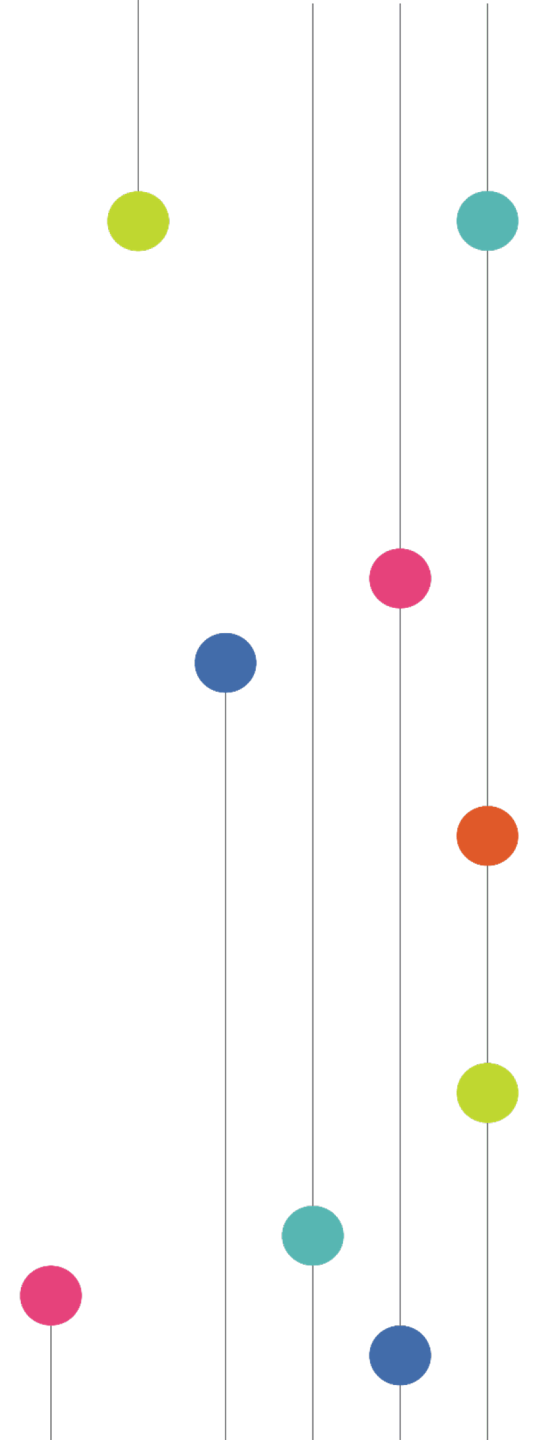



# National view of student achievement

Houston academic performance



# There is clear room for improvement in HISD schools

## Post-COVID 10-year gains largely erased across the US



HISD is underperforming in NAEP reading and math scores

HISD students' scores are on average **~26 points below NAEP Proficient threshold<sup>1</sup>**

- HISD lags the Proficient threshold by ~20 pts in math and ~32 pts in reading
- HISD is performing similarly to other Texas ISDs (Dallas, Fort Worth)

HISD NAEP scores have decreased over time

**The gap has been widening** between HISD scores and national averages

- HISD has historically underperformed against national public schools
- Since 2017, 4<sup>th</sup> grade Reading has dropped below NAEP Basic threshold

HISD among TUDAs with steeper decline post COVID-19

**COVID-19 set back progress in US student performance** across school districts

- HISD has shown steeper decline in Mathematics post-COVID vs. US averages
- More TUDA districts had significantly higher average scores than HISD in 2022 vs. 2019

1. Based on 4<sup>th</sup> and 8<sup>th</sup> grade math and reading from 2019 (10 year view/trend)

# Achievement gaps maintained or widened in HISD and mostly underperforming vs. prioritized school districts



Achievement gap in HISD persisted from 2009 to 2019

Students from **underserved communities** continue to **score lower** than their peers

- Largest discrepancy is between white (avg. score of 272) and Black & Hispanic students (avg. score of 234), representing an >15% difference in scores
- Achievement gaps also exists for students who are ELL and/or low-income

Achievement gap maintained or widened post COVID

Achievement **gaps largely maintained or increased** from 2019 to 2022

- Gaps that have increased 2009-2019 are among Black, Hispanic and ELL students; while gaps decreased for students with disabilities
- Post-COVID most significant changes are achievement gap of Black students in HISD has widened further while gap for ELL decreased

HISD with wider gaps in 2022 vs other key TUDAs

- Across selected districts where data was available, **gaps for underserved communities prevail from 4th to 8th grade**
- **HISD has on average greater performance gaps vs. peers** across student grouped by race, NSLP-eligibility, ELL (except for Austin) and students with disabilities

# School districts selected for comparison based on size, diversity and demographic factors



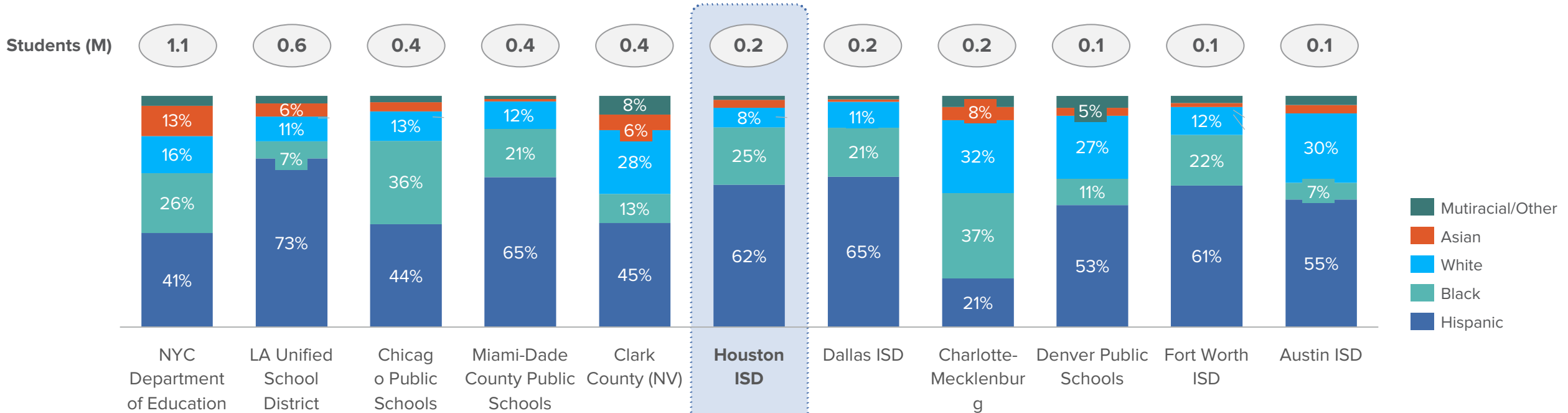
District	Total (M)	Hispanic / Latino	Non-Hispanic/Latino				SNAP % <sup>1</sup>	Median Income <sup>2</sup>	Un – employment <sup>3</sup>
			Black	White	Asian	Other / Multiracial			
NYC Department of Education	1.1	41%	26%	16%	13%	4%	31%	\$ 54.5	6.3%
LA Unified School District	0.6	73%	7%	11%	6%	3%	24%	\$ 52.9	6.5%
Chicago Public Schools	0.4	44%	36%	13%	4%	3%	36%	\$ 49.2	8.1%
Miami-Dade CPS	0.4	65%	21%	12%	1%	1%	34%	\$ 50.6	5.3%
Clark County School District	0.4	45%	13%	28%	7%	8%	22%	\$ 63.0	6.4%
<b>Houston ISD</b>	<b>0.2</b>	<b>62%</b>	<b>25%</b>	<b>8%</b>	<b>3%</b>	<b>2%</b>	<b>31%</b>	<b>\$ 43.7</b>	<b>5.7%</b>
Dallas ISD	0.2	65%	21%	11%	1%	1%	30%	\$ 41.4	4.7%
Charlotte-Mecklenburg	0.2	21%	37%	32%	6%	5%	17%	\$ 71.3	4.8%
Denver Public Schools	0.1	53%	11%	27%	3%	5%	18%	\$ 65.9	3.8%
Fort Worth ISD	0.1	61%	22%	12%	2%	3%	33%	\$ 44.3	6.0%
Austin ISD	0.1	55%	7%	30%	3%	4%	20%	\$ 65.6	3.7%

Source: NCES EDGE 2015 – 2019; Grade-relevant Children - Enrolled Public by district 1. Total households; With Food Stamp/SNAP benefits in the past 12 months.  
 3. INCOME AND BENEFITS (IN 2019 INFLATION-ADJUSTED DOLLARS); Families; Median family income (dollars) 4. Total Population EMPLOYMENT STATUS;  
 Civilian labor force; Unemployment Rate

# HISD very diverse and with relatively high poverty compared to similar districts in dataset



## School district enrollment (by race)



## % of Household Receiving SNAP<sup>1</sup>



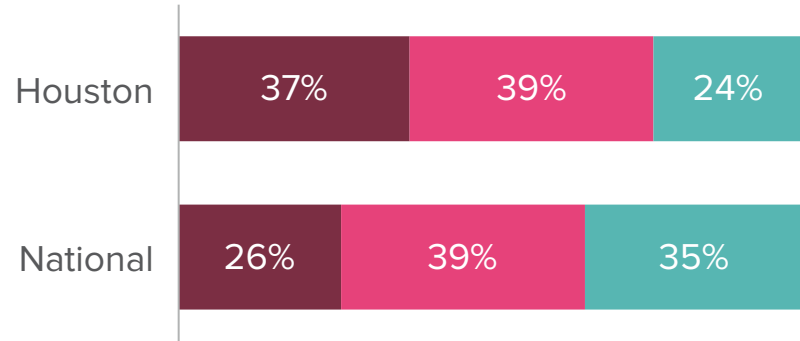
Source: NCES EDGE 2015 – 2019; Grade-relevant Children - Enrolled Public by district 1. Total households; With Food Stamp/SNAP benefits in the past 12 months

# A larger % of HISD 4<sup>th</sup> and 8<sup>th</sup> graders are below NAEP Basic and Proficient thresholds vs. national averages



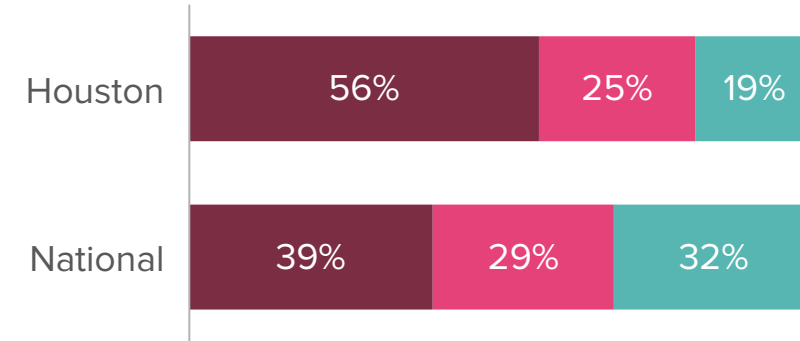
## 4<sup>th</sup> Grade Mathematics

% of students at each achievement threshold



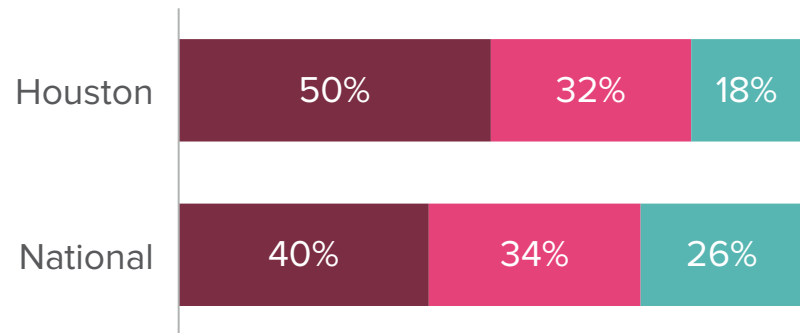
## 4<sup>th</sup> Grade Reading

% of students at each achievement threshold



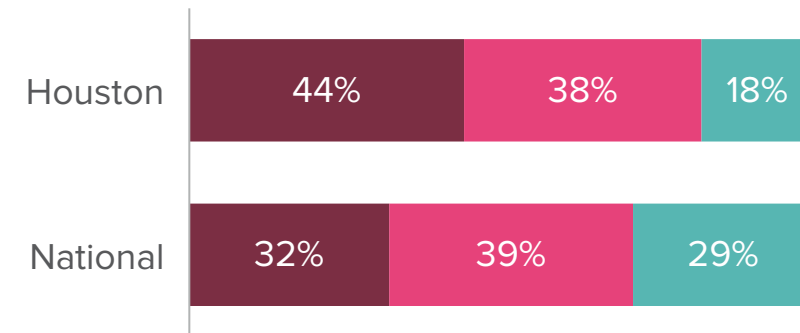
## 8<sup>th</sup> Grade Mathematics

% of students at each achievement threshold



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

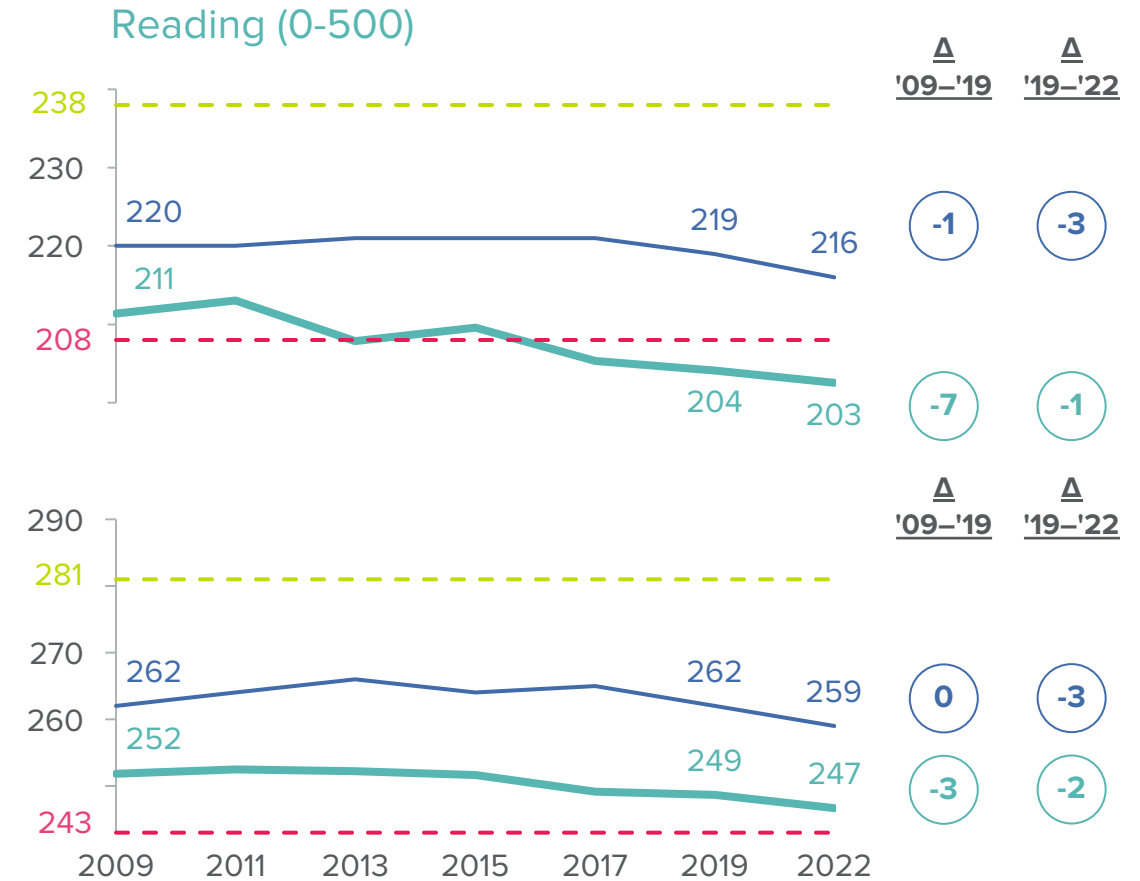
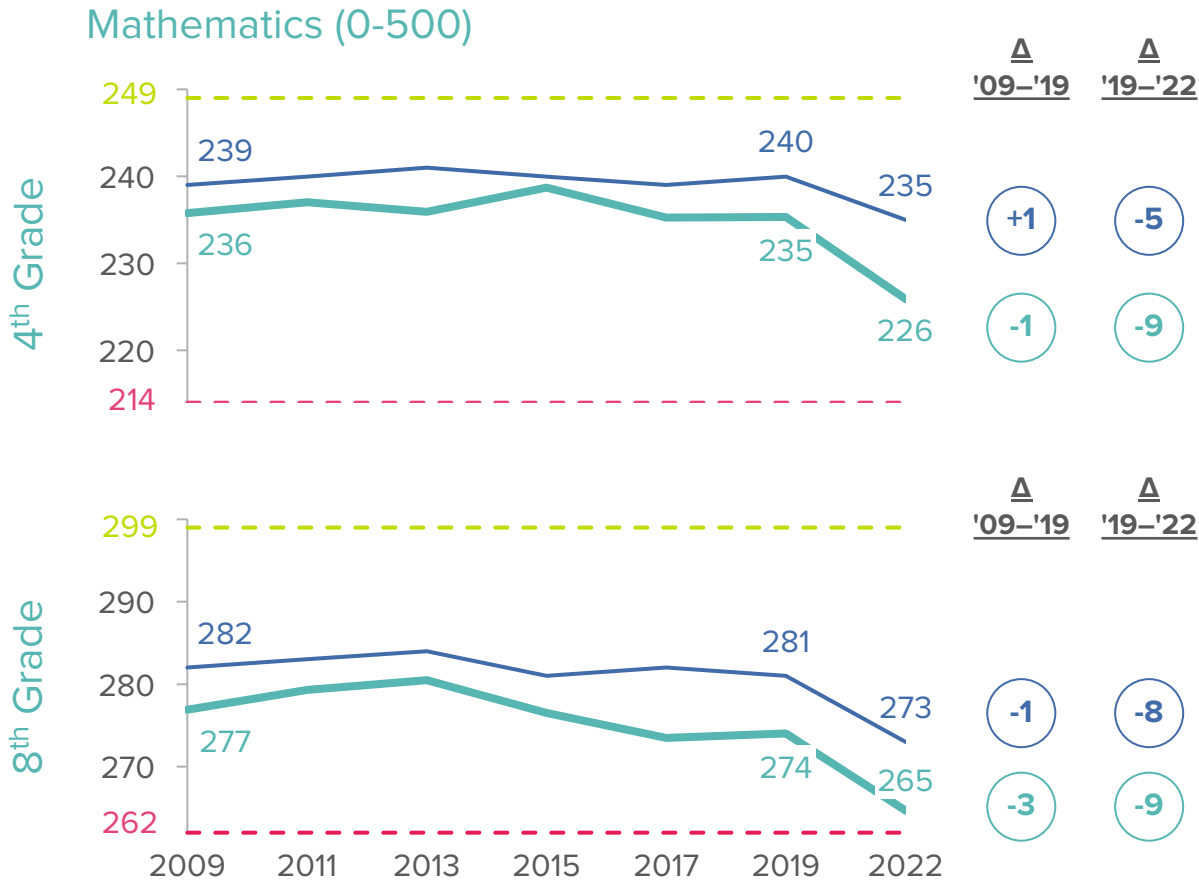
% of students at each achievement threshold



Below Basic Below Proficient Above Proficient

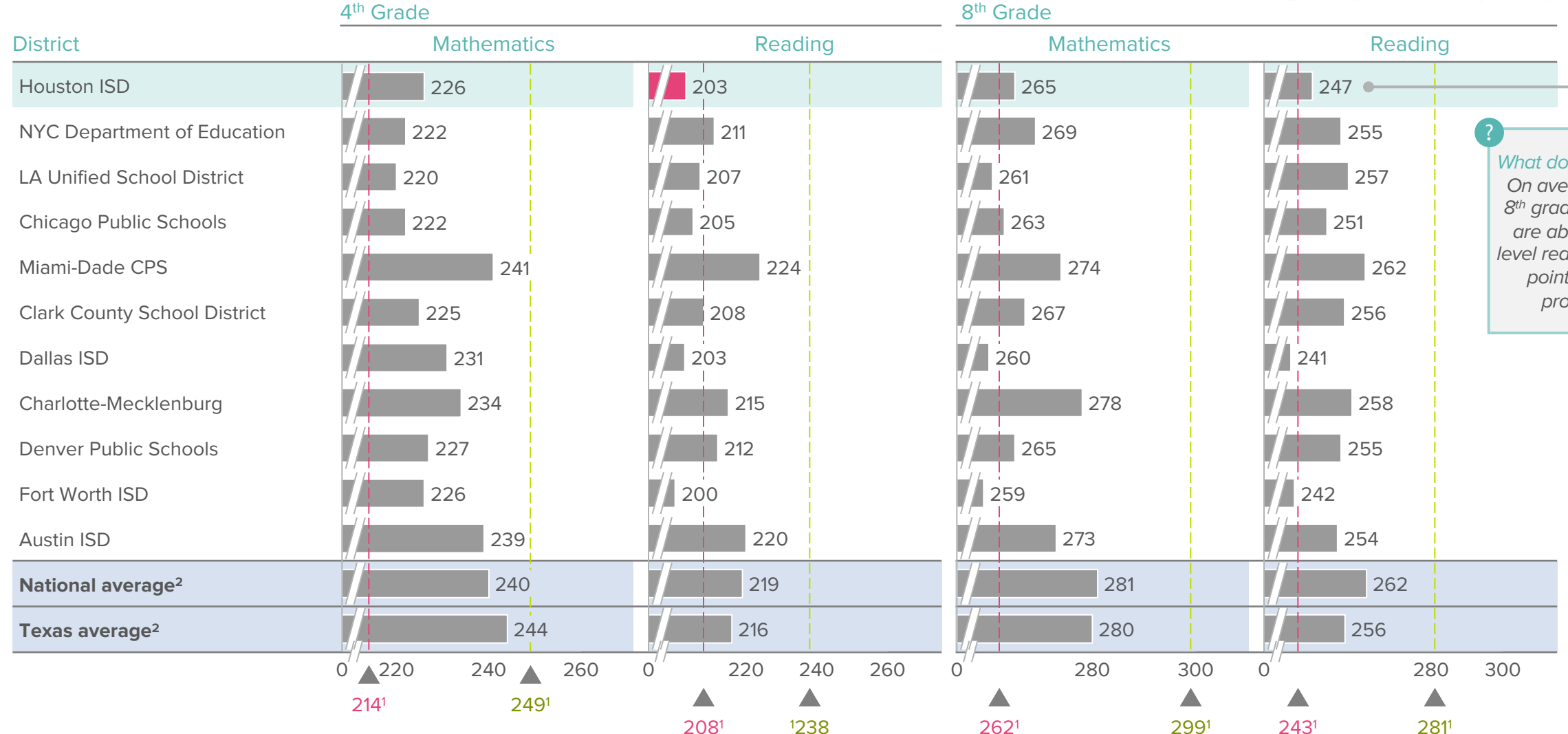
Source: [HISD NAEP 2022 report](#), [HISD 2021-2022 Facts & Figures report](#)

# HISD has consistently underperformed vs. US averages and shown steeper decline in Math post-COVID



Basic and proficiency levels: <https://nces.ed.gov/nationsreportcard/mathematics/achieve.aspx>.  
 Source: National Center for Education Statistics, NAEP assessment data 2009-2022

# HISD students scored below most of their peers in 2022; Reading 4<sup>th</sup> below Basic proficiency level

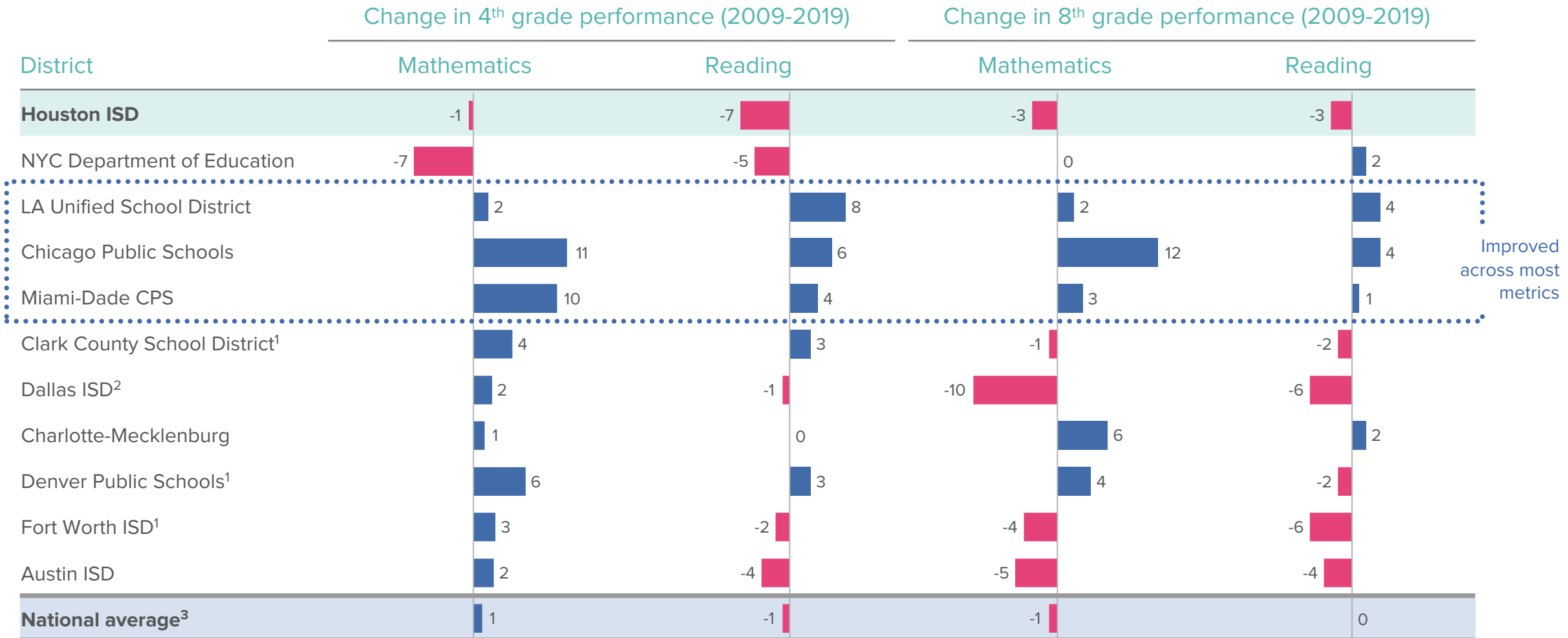


**?**  
 What does it mean?  
 On average HISD 8<sup>th</sup> grade students are above basic level reading but 34 points below proficient

1. Basic and proficiency levels: <https://nces.ed.gov/nationsreportcard/mathematics/achieve.aspx>. 2. Public schools only (based on 2022 data)  
 Note: all scores on this page on a 500 point scale. Source: National Center for Education Statistics (2022)

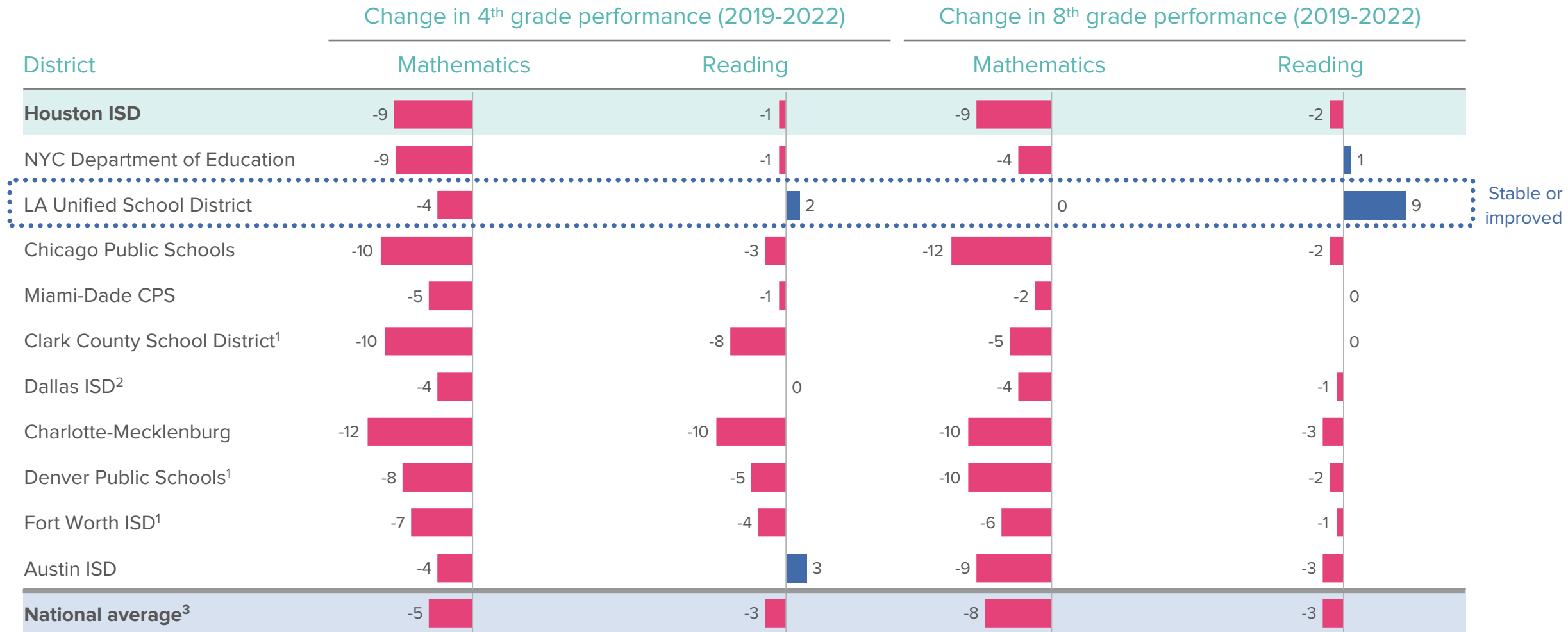


# HISD performance had trended downwards more than national averages from 2009 to 2019 ...



1. Data only available since 2017; 2. Data only available since 2011; 3. Public schools only (data only from 2009-2019)  
 Source: National Center for Education Statistics, [NAEP assessment data 2009-2019](#)

# ... COVID-19 set back progress in US student performance; HISD with steeper declines in Maths vs. National average



1. Data only available since 2017; 2. Data only available since 2011; 3. Public schools only (data only from 2009-2022)

Source: National Center for Education Statistics, [NAEP assessment data 2009-2022](#)

# HISD continues to see an achievement gap across demographics, which has remained consistent since 2009 ...



1. All scores on a 0-500 point scale; 2. Student classified by school as having a disability (SD, IEP, or 504 Plan)  
 Source: National Center for Education Statistics, [NAEP assessment data 2009-2019](#)

# ... Post-COVID achievement gap of Black students in HISD has widened further

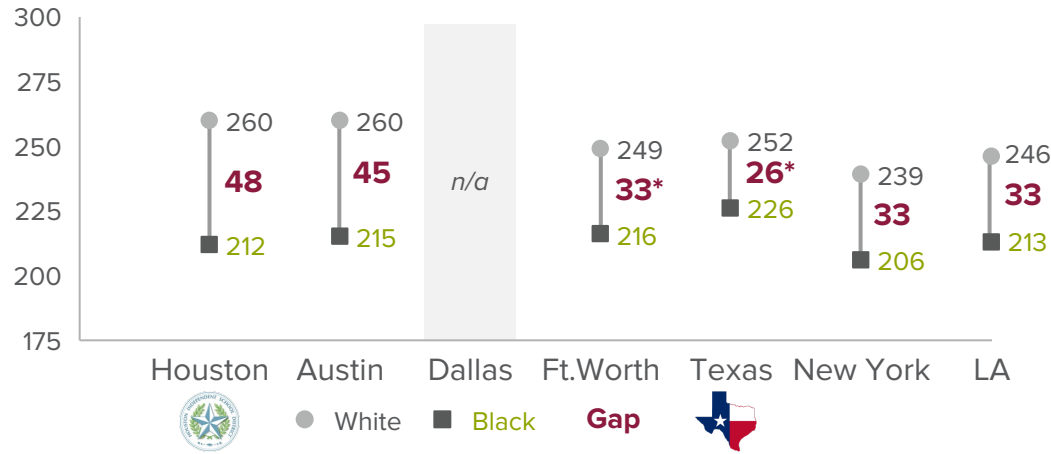


1. All scores on a 0-500 point scale; 2. Student classified by school as having a disability (SD, IEP, or 504 Plan)  
 Source: National Center for Education Statistics, [NAEP assessment data 2019-2022](#)

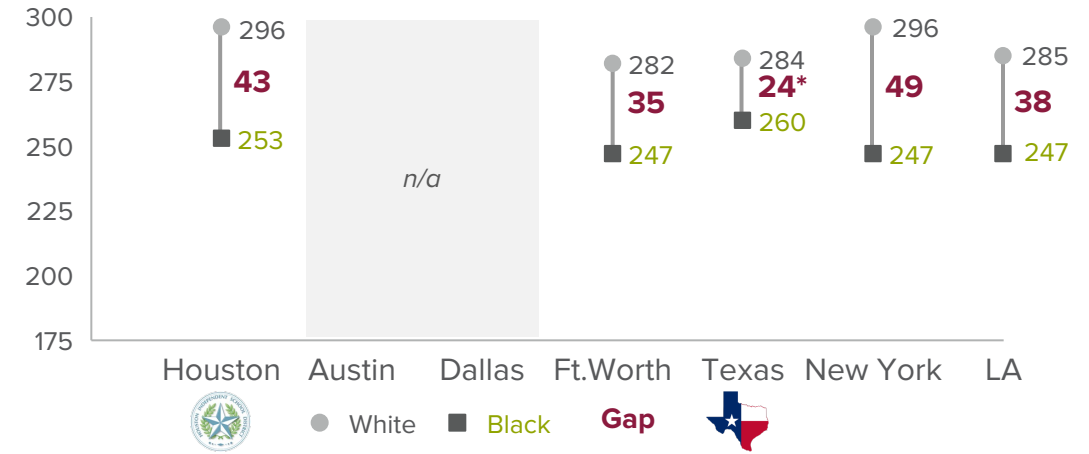
# White–Black Performance Gaps in Average Score by Texas TUDAs and State of Texas, Math and Reading, Grades 4 and 8, 2022



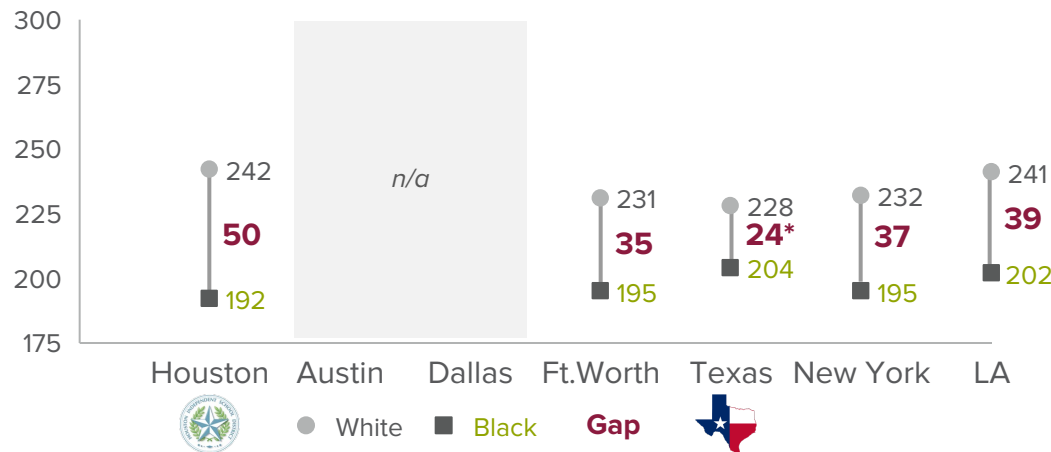
Grade 4 Math



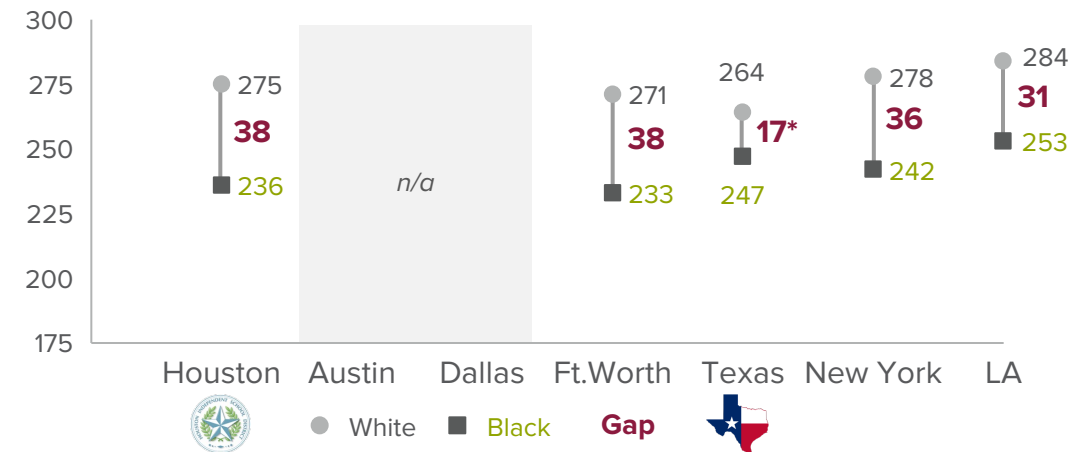
Grade 8 Math



Grade 4 Reading

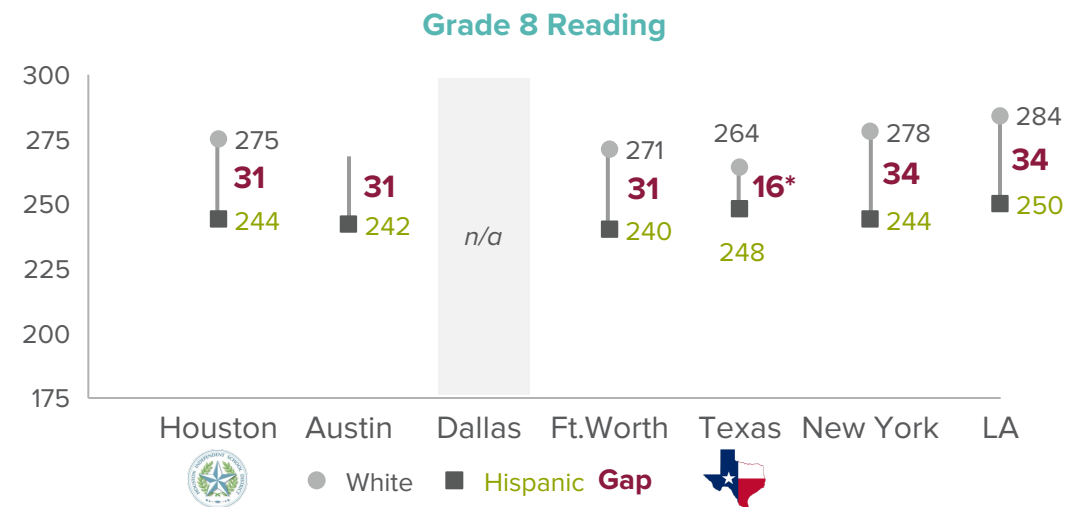
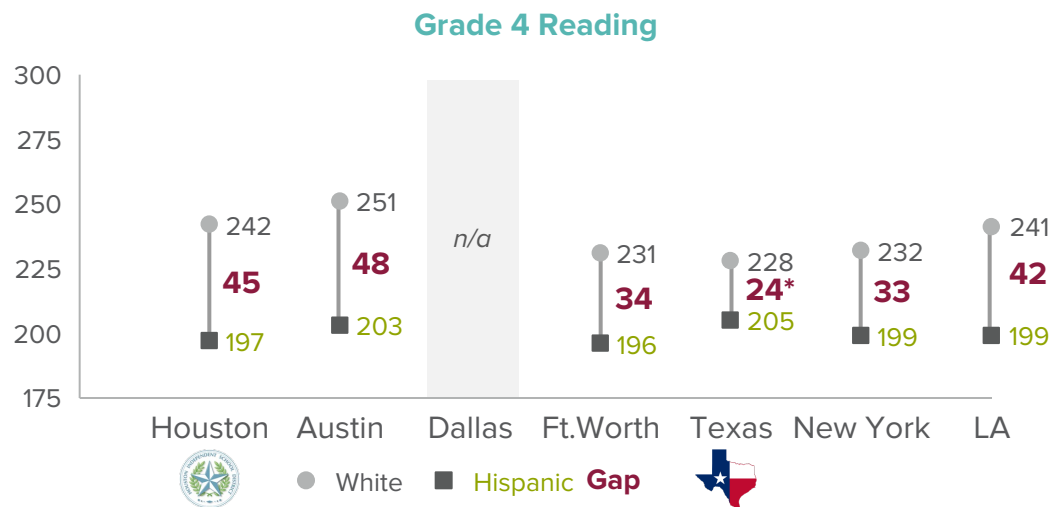
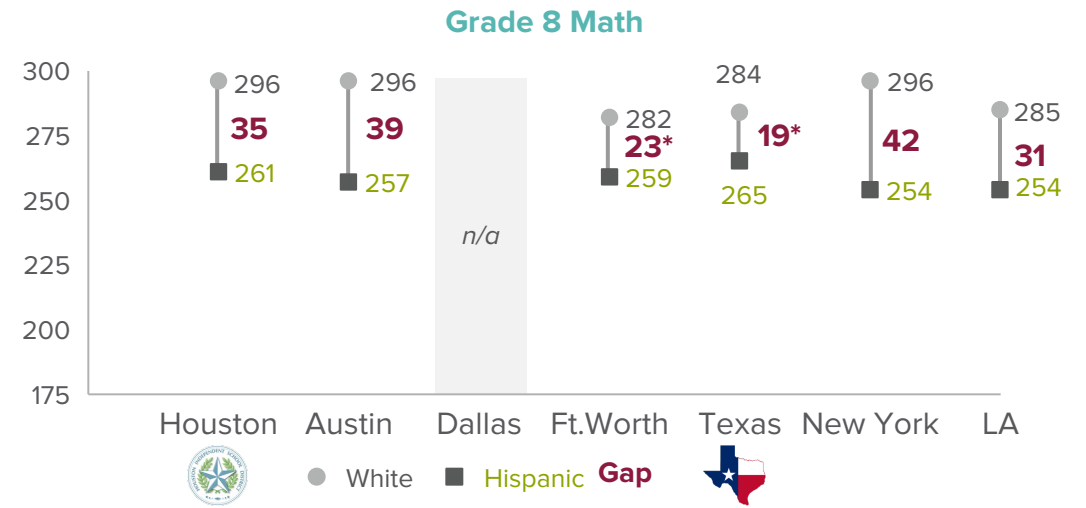
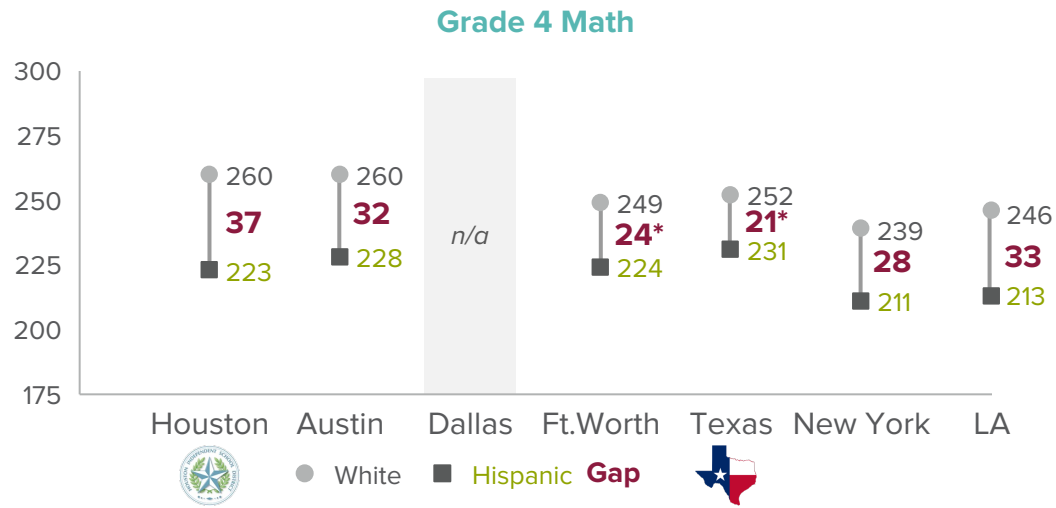


Grade 8 Reading



Source: National Center for Education Statistics, [NAEP assessment data 2022](#)  
 \*indicates statistically significant difference

# White–Hispanic Performance Gaps in Average Score by Texas TUDAs and State of Texas, Math and Reading, Grades 4 and 8, 2022

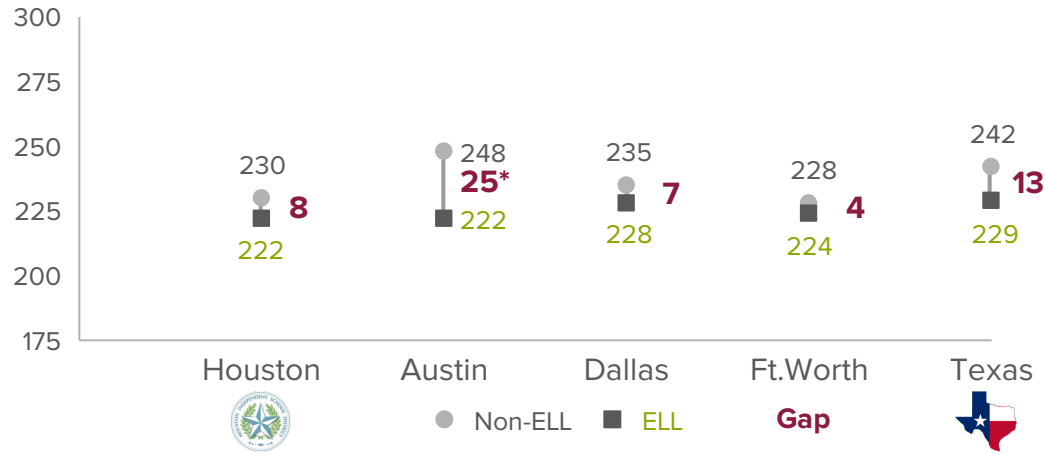


Source: National Center for Education Statistics, [NAEP assessment data 2022](#)  
 \*indicates statistically significant difference.

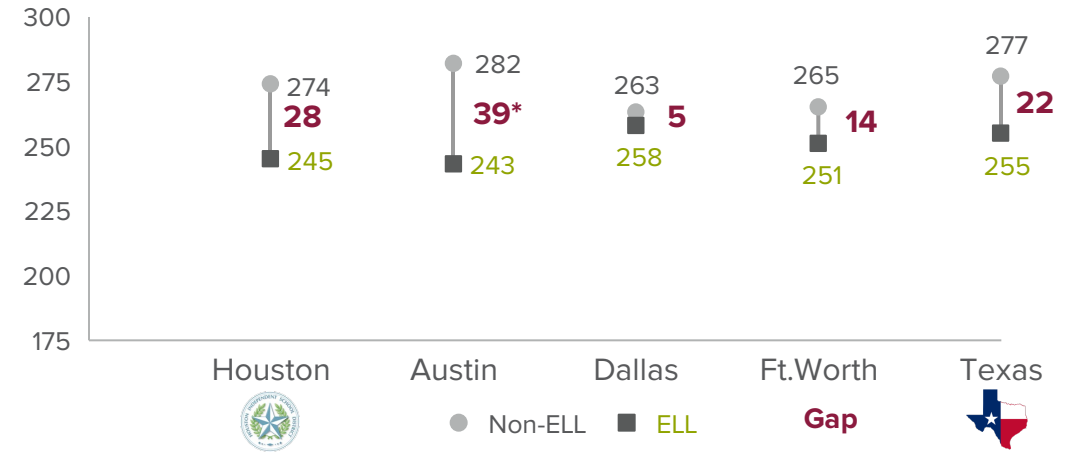
# ELL–Non-ELL Performance Gaps in Average Score by Texas TUDAs and State of Texas, Math and Reading, Grades 4 and 8, 2022



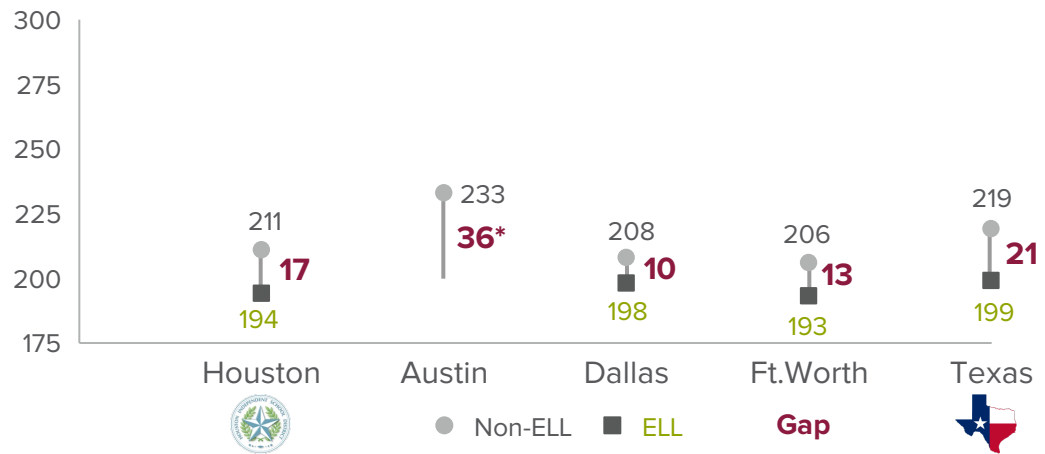
Grade 4 Math



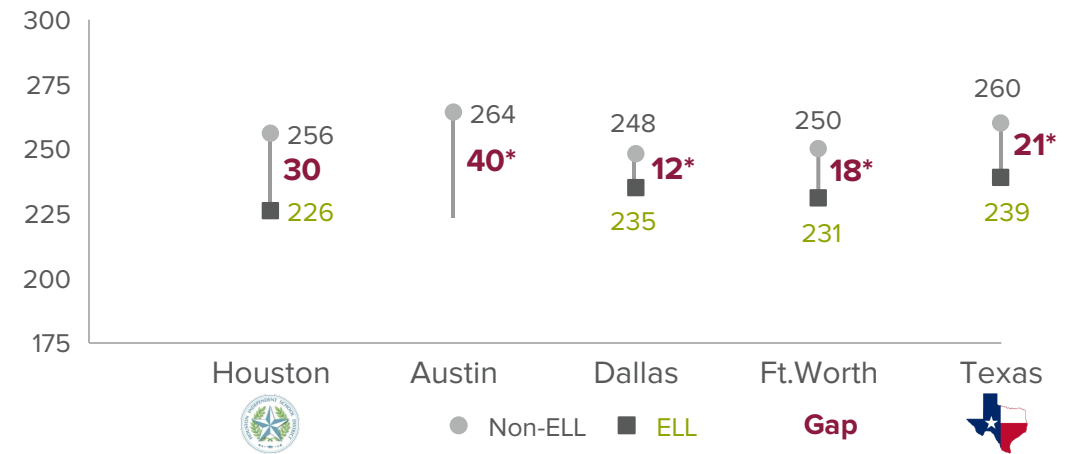
Grade 8 Math



Grade 4 Reading



Grade 8 Reading



Source: National Center for Education Statistics, [NAEP assessment data 2022](#)  
 \*indicates statistically significant difference.

# A larger % of HISD 4<sup>th</sup> and 8<sup>th</sup> graders are below NAEP Basic and Proficient thresholds vs. national averages



## 4<sup>th</sup> Grade Mathematics

**37%** of HISD 4<sup>th</sup> graders are below **Basic**  
(vs. 26% nationally)

**76%** of HISD 4<sup>th</sup> graders are below **Proficient**  
(vs. 65% nationally)

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

**50%** of HISD 8<sup>th</sup> graders are below **Basic**  
(vs. 40% nationally)

**82%** of HISD 8<sup>th</sup> graders are below **Proficient**  
(vs. 74% nationally)

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

**56%** of HISD 4<sup>th</sup> graders are below **Basic**  
(vs. 39% nationally)

**81%** of HISD 4<sup>th</sup> graders are below **Proficient**  
(vs. 68% nationally)

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

**44%** of HISD 8<sup>th</sup> graders are below **Basic**  
(vs. 32% nationally)

**82%** of HISD 8<sup>th</sup> graders are below **Proficient**  
(vs. 71% nationally)

Note: HISD only reports student populations in Elementary (1-5) and Middle School (6-8), this assumes equal distribution of students per grade in each category (rounded to the nearest thousand)

Source: [HISD NAEP 2022 report](#), [HISD 2021-2022 Facts & Figures report](#)



# 2022 estimates indicate thousands of 4<sup>th</sup> and 8<sup>th</sup> graders across HISD below NAEP Basic and Proficient thresholds

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## 4<sup>th</sup> Grade Mathematics

~**6K** students in 4<sup>th</sup> grade are below **Basic**

~**11K** students in 4<sup>th</sup> grade are below **Proficient**

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

~**7K** students in 8<sup>th</sup> grade are below **Basic**

~**11K** students in 8<sup>th</sup> grade are below **Proficient**

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

~**8K** students in 4<sup>th</sup> grade are below **Basic**

~**12K** students in 4<sup>th</sup> grade are below **Proficient**

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

~**6K** students in 8<sup>th</sup> grade are below **Basic**

~**11K** students in 8<sup>th</sup> grade are below **Proficient**

Note: HISD only reports student populations in Elementary (1-5) and Middle School (6-8), this assumes equal distribution of students per grade in each category (rounded to the nearest thousand)

Source: HISD NAEP 2022 report, HISD 2021-2022 Facts & Figures report