2023 STAAR Preliminary Results

Houston Region Districts Data First Look

GOOD REASON HOUSTON
Every Child. Every Neighborhood.
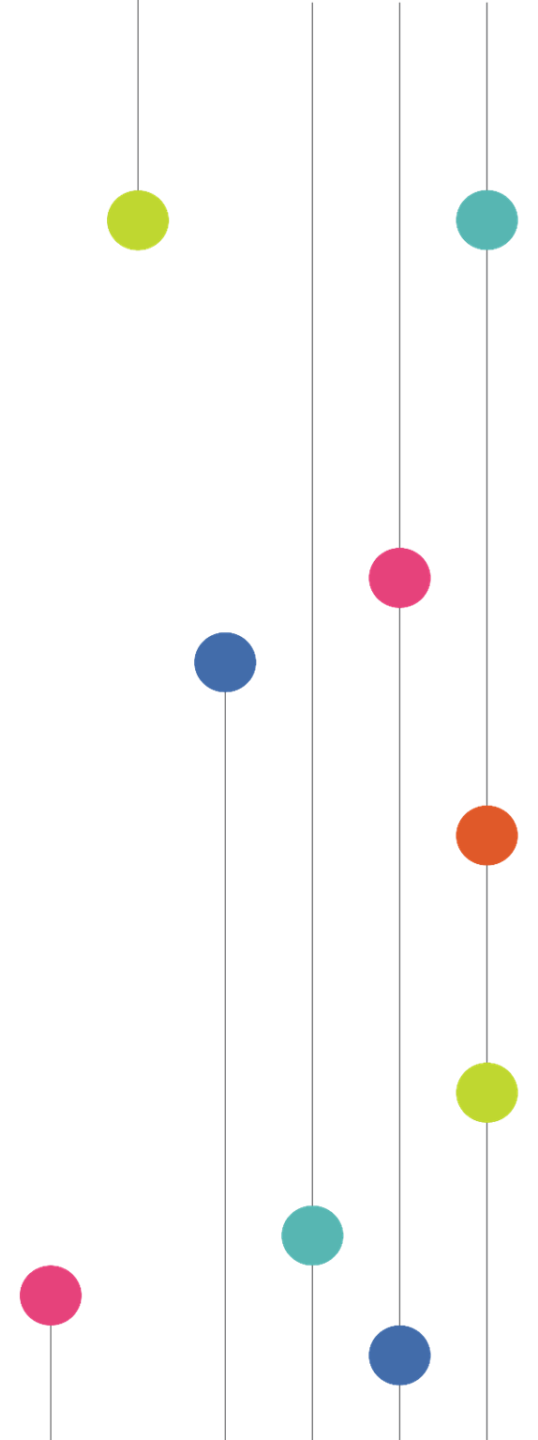
Definitions and Data Sources

- For the purposes of this presentation, achievement reflects the proportion of students meeting or mastering grade level standards on the STAAR test, Texas's statewide standardized assessment administered each spring.

- For our initial analysis, we focused on 3rd and 8th grade tests in Reading and Math as well as Algebra 1 and English 1 EOC scores.

- Houston districts include those within Good Reason Houston's service area, defined by having at least one campus in Houston and a majority of campuses serving 70%+ Economically Disadvantaged students.

- 2023 Preliminary data was downloaded from TEA's Data Interaction portal, while data for historical comparisons was pulled from TEA's STAAR Aggregate data portal. STAAR Preliminary data will be verified by districts and the State before being released later in the Fall in the Aggregate data portal.

- For this analysis, we filtered results to include STAAR Reading and Math English exams only.

Key Houston Region Takeaways

- Reading has rebounded since the pandemic, while math recovery has been slower. While most districts improved in 3rd grade math since 2022, only Spring Branch ISD has met or exceeded pre-pandemic levels.

- On average, 44% of 3rd graders met grade level expectations for reading and 38% met expectations for math.

- Houston districts, on average, saw slight to moderate improvements in 3rd grade reading and math. Across Houston, Both Galena Park and Spring ISD had the greatest gains in reading at a 5pp increase. Districts with the largest gains in math include Aldine (+7pp) and Sheldon ISD (+6pp).

- On average, 46% of 8th graders met grade level expectations for reading and 33% met expectations for math.

- Middle school performance is mixed, with 8th grade reading scores declining and 8th grade math scores improving on average. YES Prep is notable in that its 8th grade reading scores grew by 11pp while math dropped by 18pp.

- English 1 scores improved across districts. Channelview ISD, Galena Park ISD, and YES Prep all showed double digit gains.

- Algebra 1 scores showed moderate gains or slight declines. Most districts have not recovered to post-pandemic meets/masters rates in Algebra 1, except for Spring Branch ISD

2023 Context: STAAR Redesign

STAAR Redesign

The STAAR test was redesigned to make the test more tightly aligned to the classroom experience. The STAAR redesign is a result of House Bill (HB) 3906 passed by the 86th Texas Legislature in 2019. *The redesign was implemented in the state assessments administered in the 2022–2023 school year.*

The STAAR redesign includes several components:

Online Testing and Accommodations	- Online administration allows students to receive accommodations like those they get in the classroom, provides faster test results, improves test operations, and allows new non-multiple-choice questions. - Nearly all students to took the assessment online, with a few exceptions *Pro: Access to results to inform instruction and supports / Con: Need to ensure familiarity with technology*
New Question Types	- House Bill 3906 established a "multiple choice cap," meaning that no more than 75% of points on a STAAR test can be based on multiple choice questions. - Texas educators helped design new question types tp reflect classroom test questions and allow students more ways to show their understanding. *Pro: Increase in rigor and depth of measuring student knowledge and skill / Con: May not align with all students' current state of instruction and instructional resources*
Cross-curricular Passages	- The test includes more cross-curricular informational passages that reference other subject areas - While the cross-curricular passages on reading language arts (RLA) test will include topics from other subject areas, the questions will only assess RLA TEKS *Pro: Opportunity for relevant reading that aligns to students' cross-curricular interest and learning / Con: May not align with all students' current state of instruction and instructional resources*
Evidence-based Writing	- RLA assessments assess both reading and writing including new question types and an essay at every grade level. - Students will informational, argumentative, or correspondence forms. Writing will be scored using a rubric that assesses idea development and language conventions. *Pro: Opportunity to align application reading with writing / Con: May not align with all students' current state of instruction and instructional resources*

3ʳᵈ Grade

After large gains in 3rd grade reading from 2021 to 2022, many Houston region districts showed modest growth in 2023; Houston ISD, Spring ISD, and YES Prep declined slightly.

Percent Meets Grade Level, 3rd Grade Reading 2019-2023
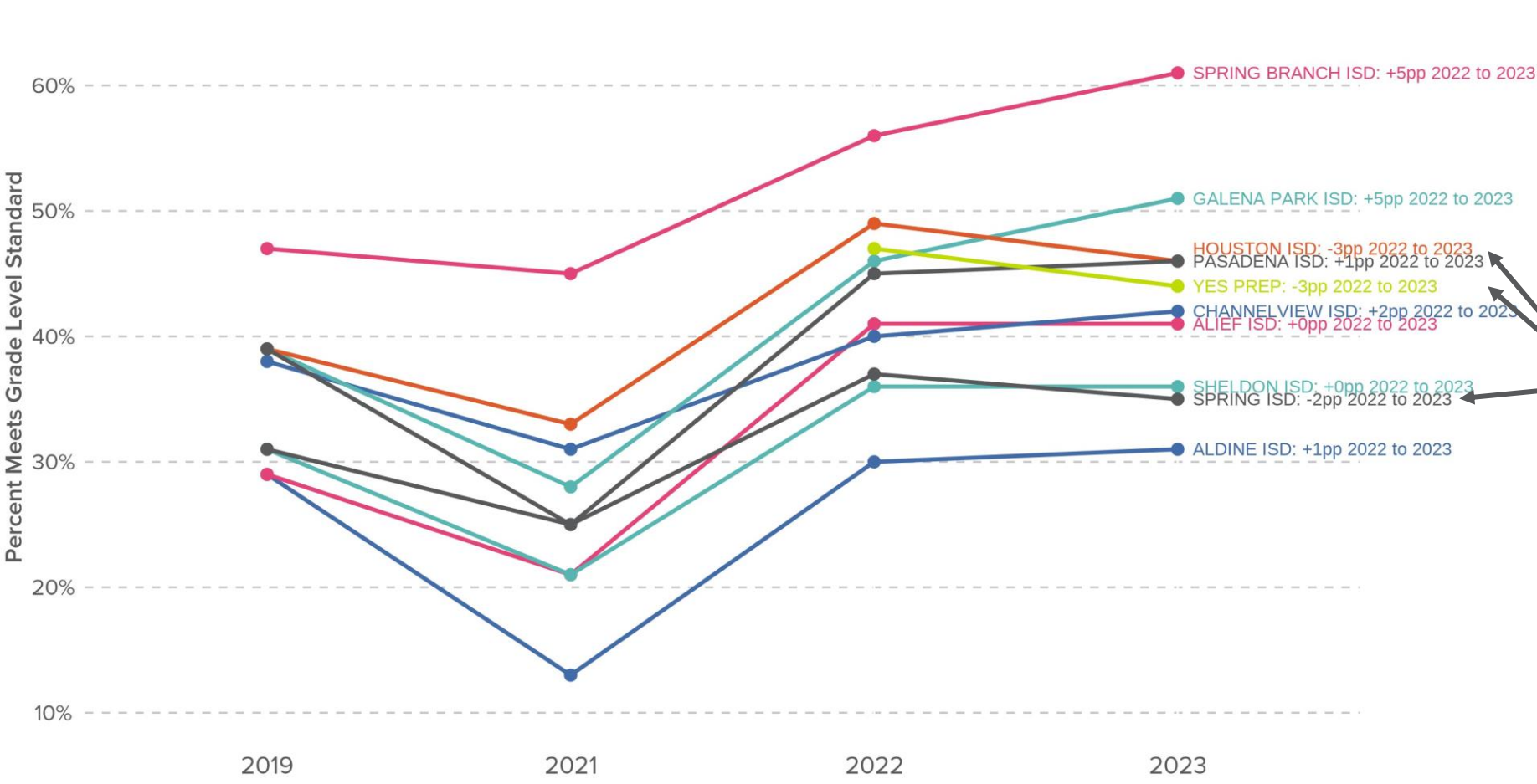
- Most district saw moderate gains in 3rd grade reading.

- Both Galena Park and Spring ISD had the greatest gains of 5pp and are among the districts with greatest gains since 2019.

- Districts that saw declines include Houston ISD (-3pp), YES Prep (-3pp), and Spring ISD (-2pp)

SPRING BRANCH ISD: +5pp 2022 to 2023
GALENA PARK ISD: +5pp 2022 to 2023
HOUSTON ISD: -3pp 2022 to 2023
PASADENA ISD: +1pp 2022 to 2023
YES PREP: -3pp 2022 to 2023
CHANNELVIEW ISD: +2pp 2022 to 2023
ALIEF ISD: +0pp 2022 to 2023
SHELDON ISD: +0pp 2022 to 2023
SPRING ISD: -2pp 2022 to 2023
ALDINE ISD: +1pp 2022 to 2023

All Houston region districts exceeded pre-pandemic 3rd grade reading baselines in 2023, even those whose scores declined from 2022 to 2023.

Percent Meets Grade Level, 3rd Grade Reading 2019 & 2023

Percent Meets Grade Level Standard

District	2019	2023
ALDINE ISD	29%	31%
ALIEF ISD	29%	41%
CHANNELVIEW ISD	38%	42%
GALENA PARK ISD	39%	51%
HOUSTON ISD	39%	46%
PASADENA ISD	39%	46%
SHELDON ISD	31%	36%
SPRING BRANCH ISD	47%	61%
SPRING ISD	31%	35%
YES PREP		44%
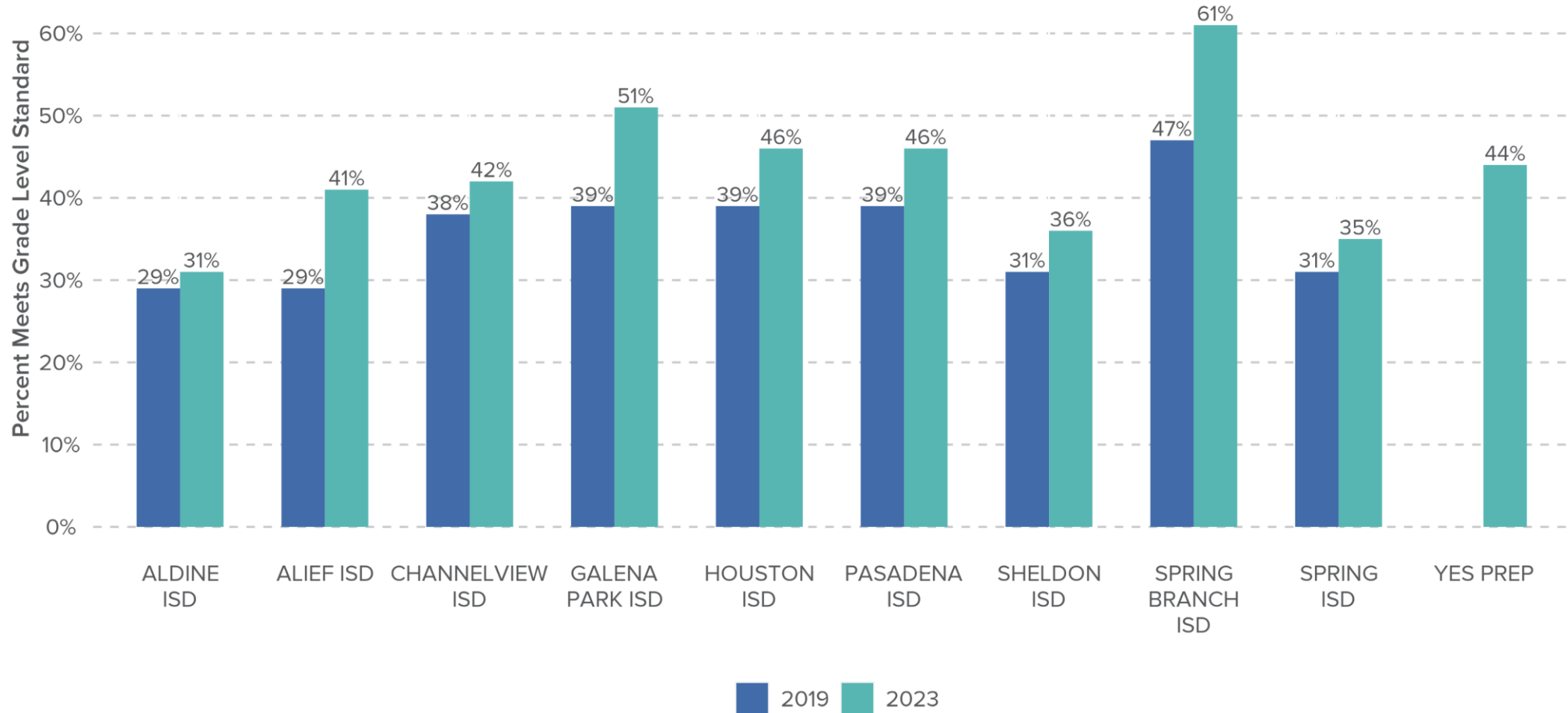
2019   2023

Most Houston region districts showed gains in 3ʳᵈ grade math from 2022 to 2023.

Percent Meets Grade Level, 3rd Grade Math 2019-2023
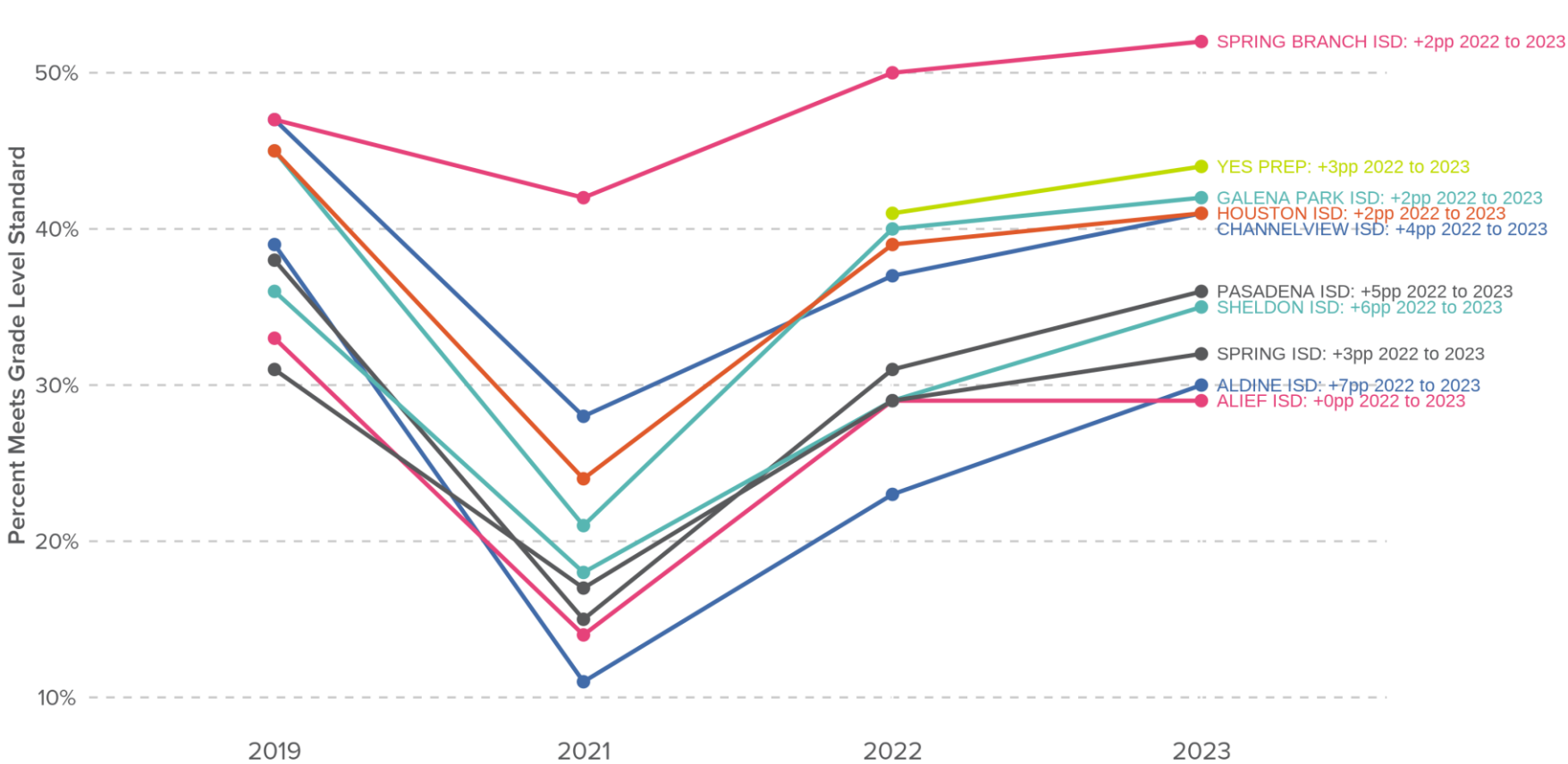
- Districts with the largest gains include Aldine (+7pp) and Sheldon ISD (+6pp).

- Alief saw no change since 2022.

- Note that YES Prep has no data prior due to 2022 since Elementary campuses are recently opened.

Despite the gains in 3rd grade math from 2022 to 2023, most Houston region districts have still not yet recovered all pandemic-related declines since 2019. Only Spring and Spring Branch ISDs exceeded 2019 levels in 2023.

Percent Meets Grade Level, 3rd Grade Math 2019 & 2023
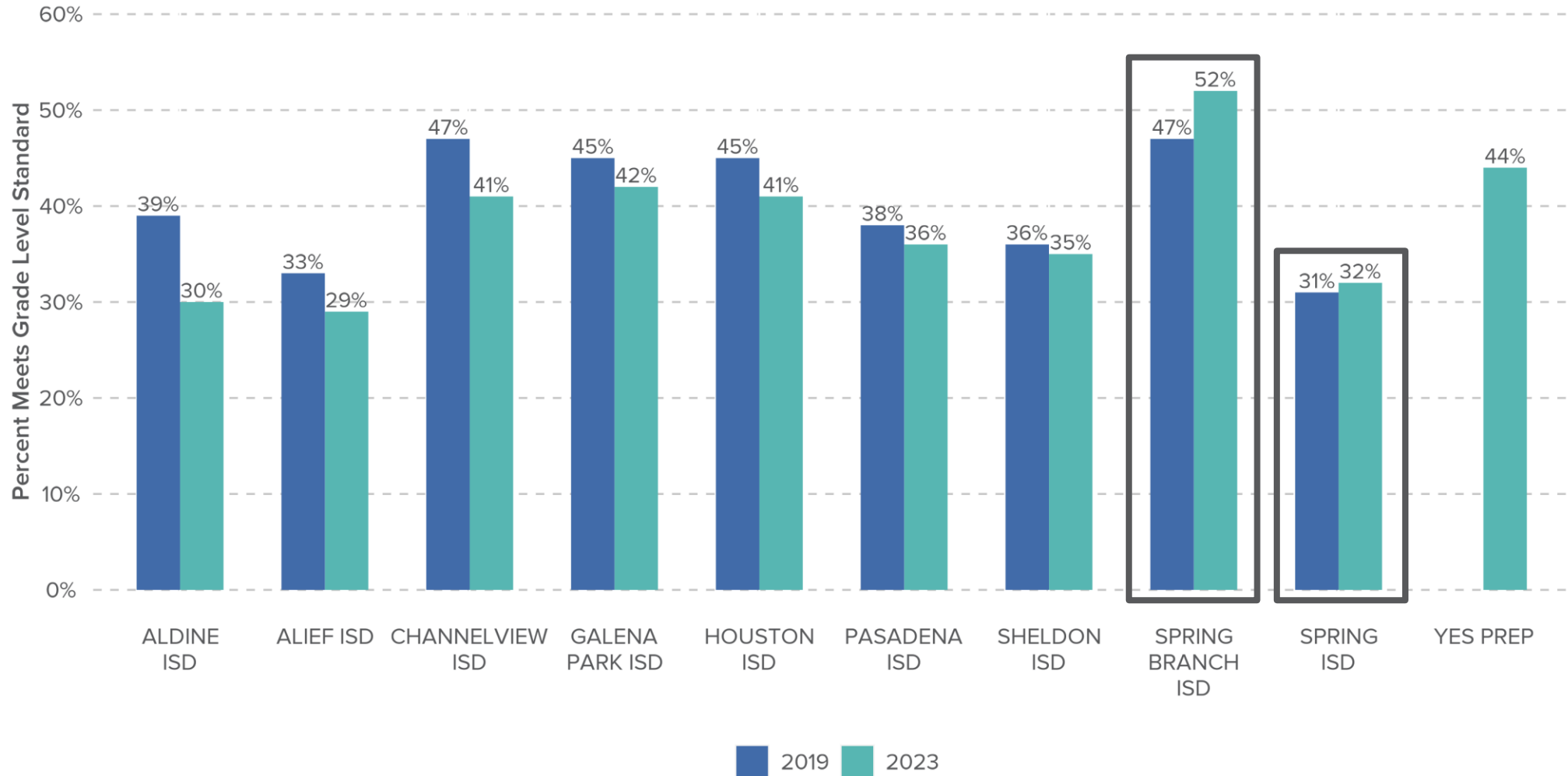
3rd grade STAAR meets/masters rates 2019-2023

District Name	3rd grade math					3rd grade reading				
	2019	2022	2023	Change Since 2019	Change Since 2022	2019	2022	2023	Change Since 2019	Change Since 2022
ALDINE ISD	39%	23%	30%	-9%	7%	29%	30%	31%	2%	1%
ALIEF ISD	33%	29%	29%	-4%	0%	29%	41%	41%	12%	0%
CHANNELVIEW ISD	47%	37%	41%	-6%	4%	38%	40%	42%	4%	2%
GALENA PARK ISD	45%	40%	42%	-3%	2%	39%	46%	51%	12%	5%
HOUSTON ISD	45%	39%	41%	-4%	2%	39%	49%	46%	7%	-3%
PASADENA ISD	38%	31%	36%	-2%	5%	39%	45%	46%	7%	1%
SHELDON ISD	36%	29%	35%	-1%	6%	31%	36%	36%	5%	0%
SPRING BRANCH ISD	47%	50%	52%	5%	2%	47%	56%	61%	14%	5%
SPRING ISD	31%	29%	32%	1%	3%	31%	37%	35%	4%	-2%
YES PREP PUBLIC SCHOOLS INC	N/A	41%	44%	N/A	3%	N/A	47%	44%	N/A	-3%
State Average	**48%**	**42%**	**43%**	**-5%**	**1%**	**44%**	**52%**	**50%**	**6%**	**-2%**
Houston Average	**41%**	**35%**	**38%**	**-3%**	**3%**	**37%**	**44%**	**44%**	**7%**	**0%**

8ᵗʰ Grade

After large gains in 8th grade reading from 2021 to 2022, many Houston region districts saw declines or modest gains in 2023; YES Prep is the one district to show substantial growth.

Percent Meets Grade Level, 8th Grade Reading 2019-2023

YES PREP: +11pp 2022 to 2023

SPRING BRANCH ISD: +1pp 2022 to 2023

GALENA PARK ISD: +1pp 2022 to 2023

HOUSTON ISD: -8pp 2022 to 2023
SPRING ISD: +0pp 2022 to 2023
CHANNELVIEW ISD: -3pp 2022 to 2023
PASADENA ISD: -7pp 2022 to 2023
ALIEF ISD: -1pp 2022 to 2023

SHELDON ISD: -5pp 2022 to 2023
ALDINE ISD: -9pp 2022 to 2023

Y-axis: Percent Meets Grade Level Standard — 25%, 35%, 45%, 55%, 65%

X-axis: 2019, 2021, 2022, 2023
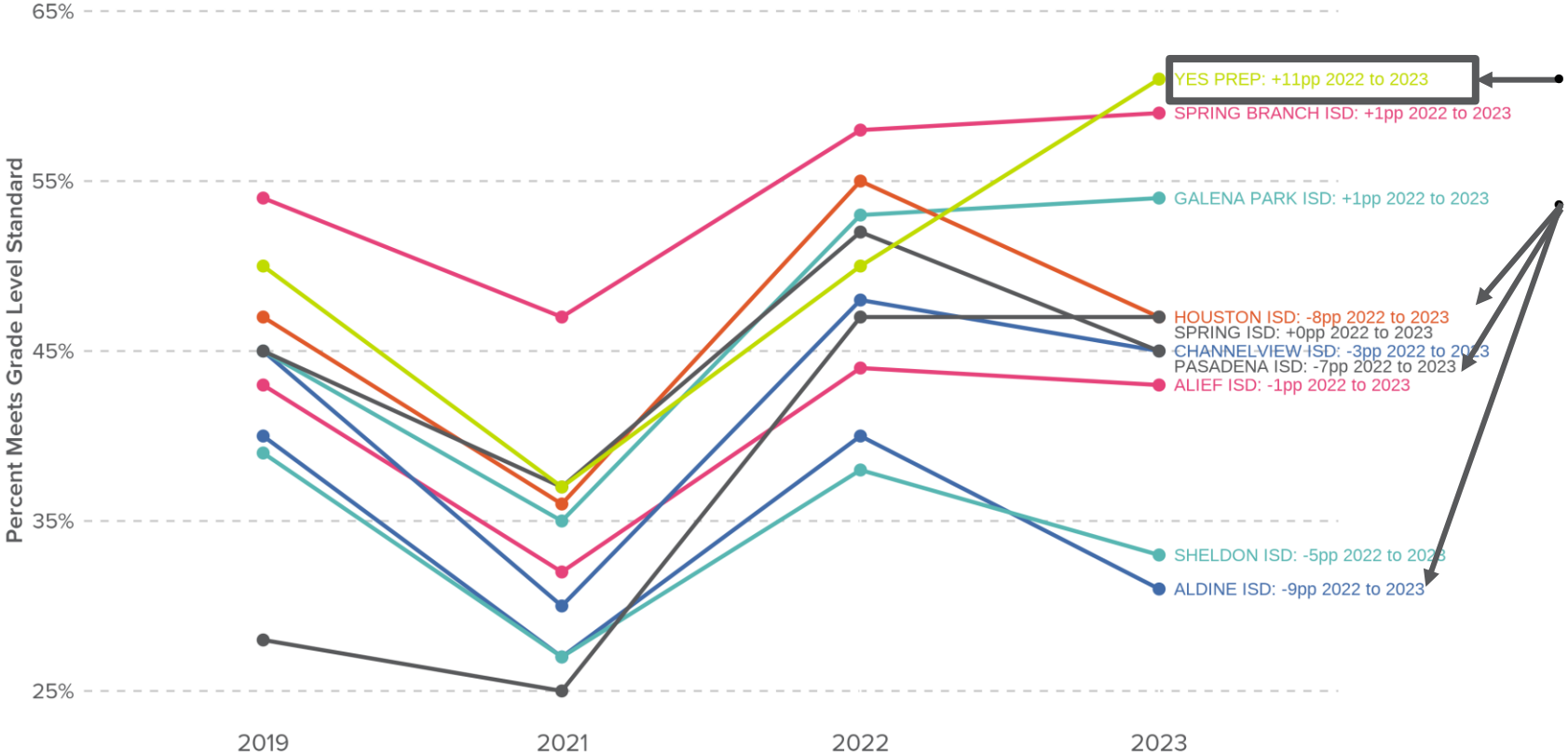
YES Prep's 8th grade reading grew by 11pp since 2022

Many districts saw sizeable drops since 2022, including Houston ISD (-8pp), Pasadena ISD (-7pp), and Aldine ISD (-9pp)

Most Houston region districts have returned to or exceeded pre-pandemic levels in 8th grade reading; Spring ISD has shown significant growth since 2019.

Percent Meets Grade Level, 8th Grade Reading 2019 & 2023

Chart: Percent Meets Grade Level Standard

District	2019	2023
ALDINE ISD	40%	31%
ALIEF ISD	43%	43%
CHANNELVIEW ISD	45%	45%
GALENA PARK ISD	45%	54%
HOUSTON ISD	47%	47%
PASADENA ISD	45%	45%
SHELDON ISD	39%	33%
SPRING BRANCH ISD	54%	59%
SPRING ISD	28%	47%
YES PREP	50%	61%

Legend: 2019, 2023
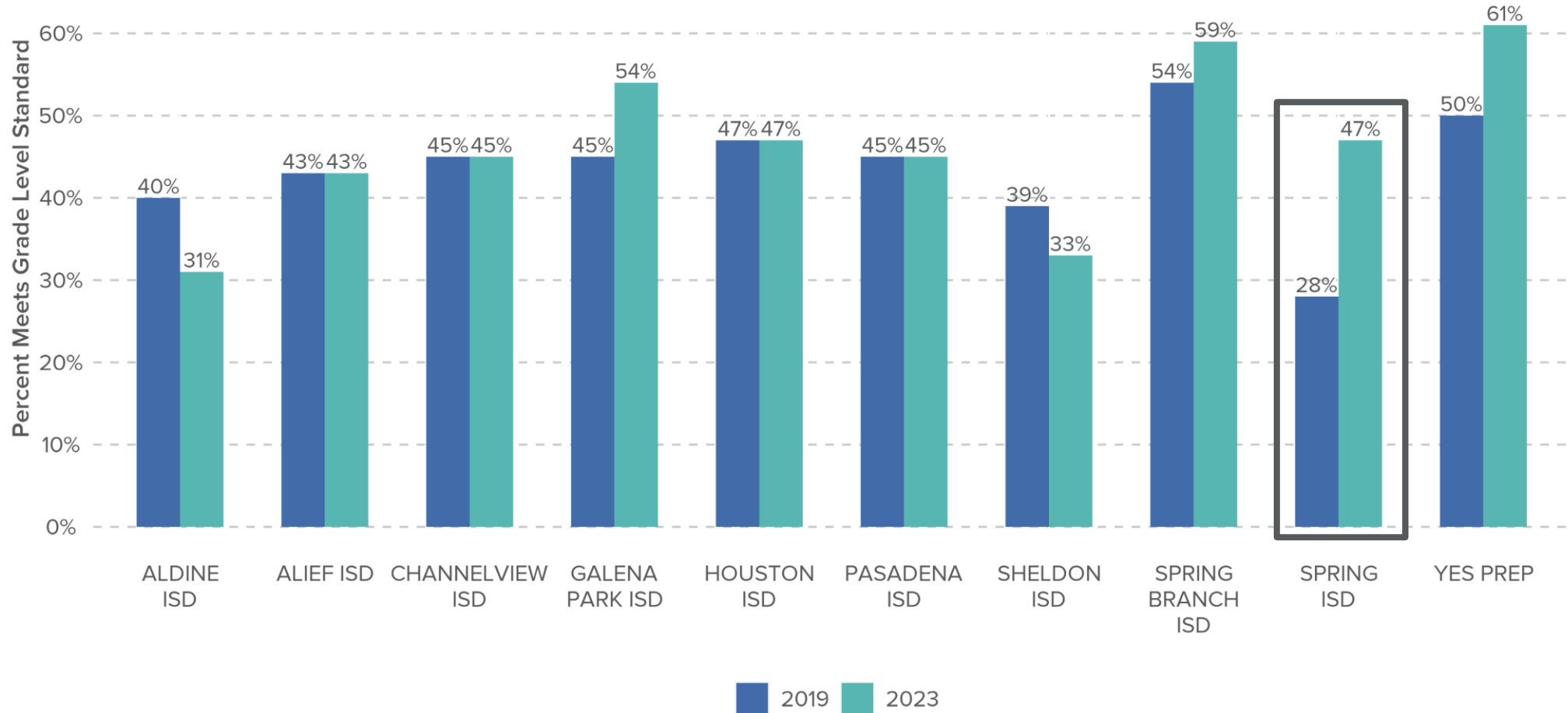
Galena Park, Sheldon, Spring, and Spring Branch ISDs all showed 8+ point gains in 8th grade math from 2022 to 2023; YES Prep saw a 15 point drop.

Percent Meets Grade Level, 8th Grade Math 2019-2023

Percent Meets Grade Level Standard

SPRING BRANCH ISD: +25pp 2022 to 2023

GALENA PARK ISD: +8pp 2022 to 2023

PASADENA ISD: +3pp 2022 to 2023

ALIEF ISD: -5pp 2022 to 2023
CHANNELVIEW ISD: +6pp 2022 to 2023
SPRING ISD: +9pp 2022 to 2023
YES PREP: -15pp 2022 to 2023
HOUSTON ISD: -3pp 2022 to 2023

ALDINE ISD: -1pp 2022 to 2023

SHELDON ISD: +10pp 2022 to 2023

2019   2021   2022   2023

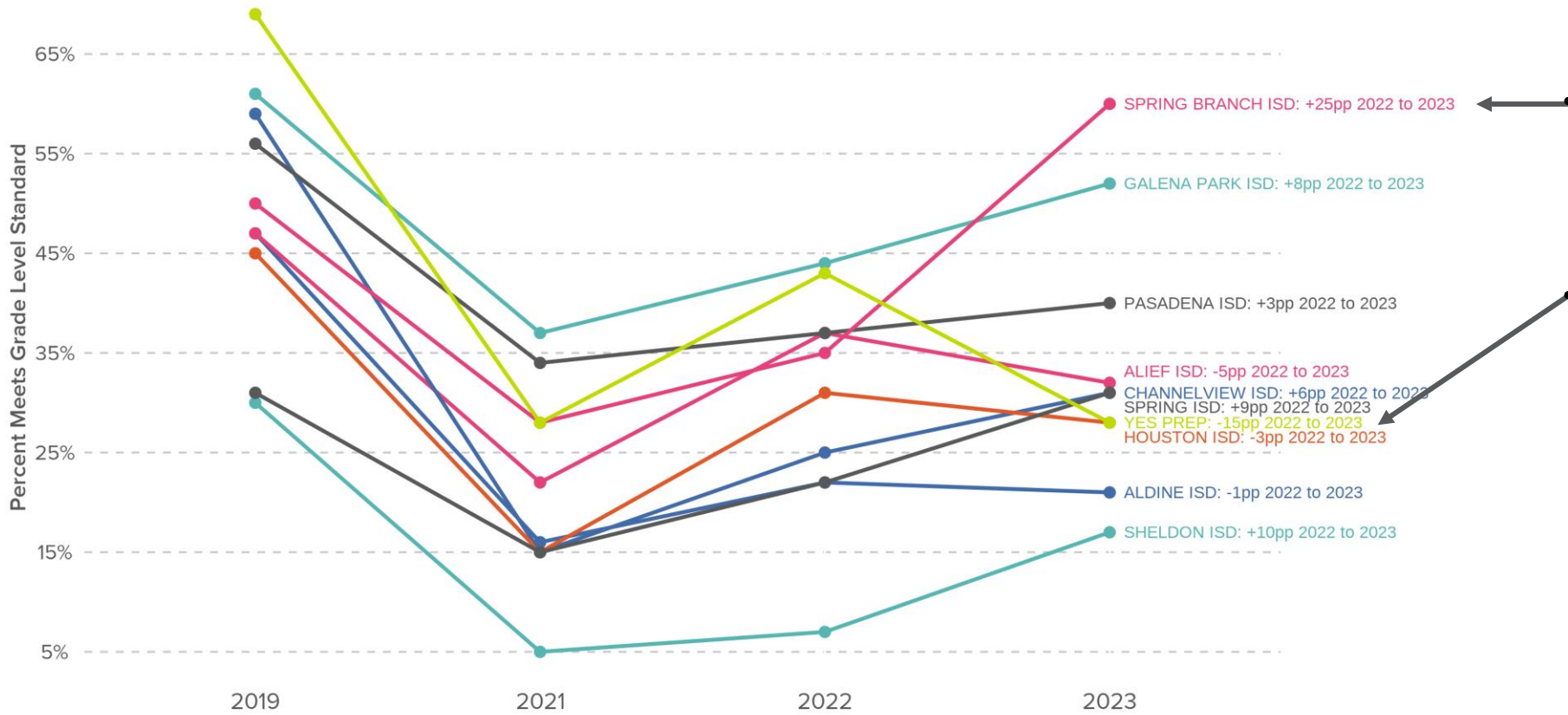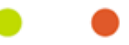Spring Branch ISD saw a 25pp gain since 2022, and this year's results exceed pre-pandemic levels

YES Prep saw a 15pp drop since 2022, the lowest meets/masters rates since 2019

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Most Houston region districts still have significant work to do to get back to 2019 levels in 8th grade math. Only Spring Branch ISD exceeded 2019 levels in 2023.

Percent Meets Grade Level, 8th Grade Math 2019 & 2023

Percent Meets Grade Level Standard

District	2019	2023
ALDINE ISD	47%	21%
ALIEF ISD	47%	32%
CHANNELVIEW ISD	59%	31%
GALENA PARK ISD	61%	52%
HOUSTON ISD	45%	28%
PASADENA ISD	56%	40%
SHELDON ISD	30%	17%
SPRING BRANCH ISD	50%	60%
SPRING ISD	31%	31%
YES PREP	69%	28%
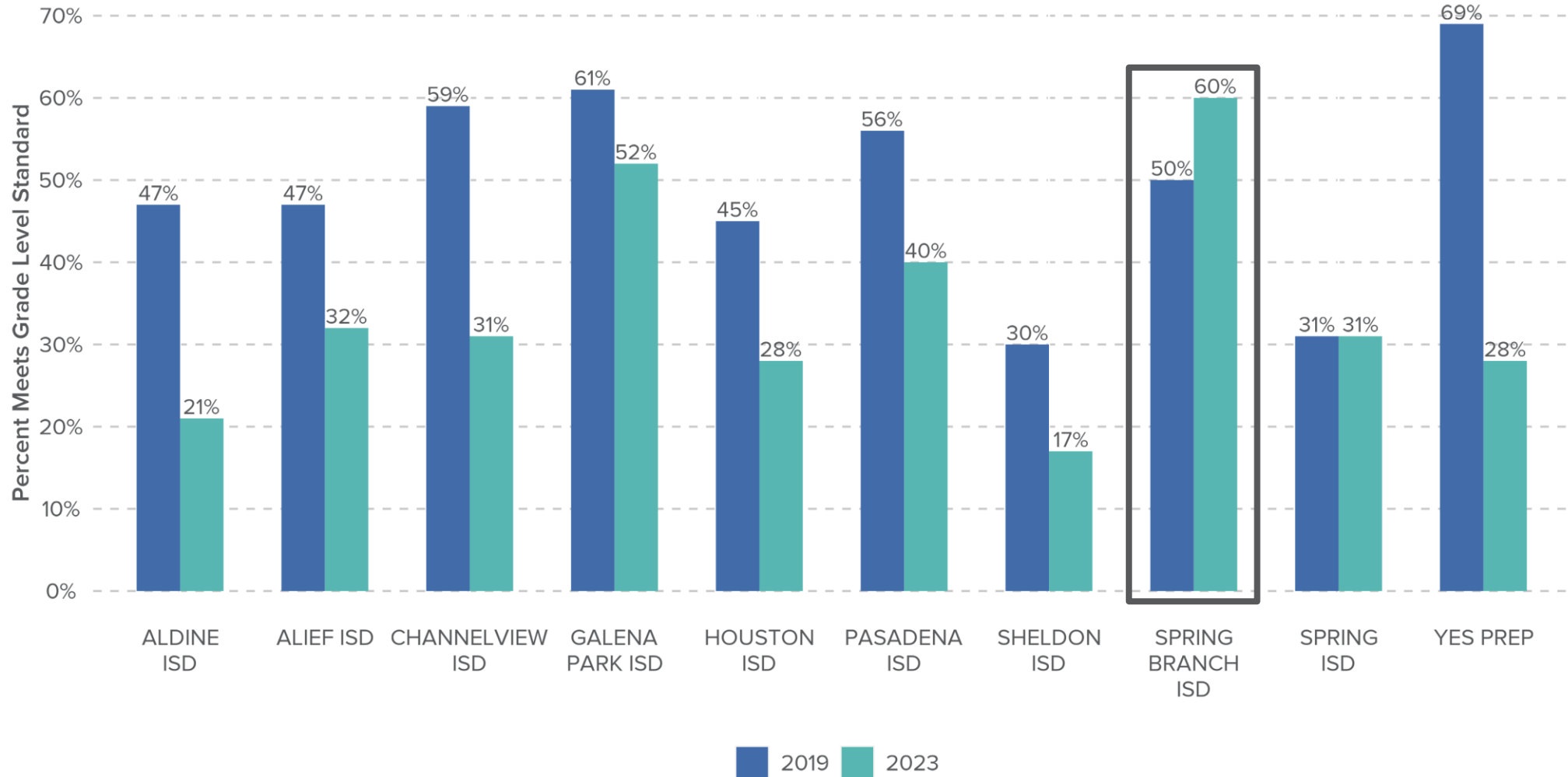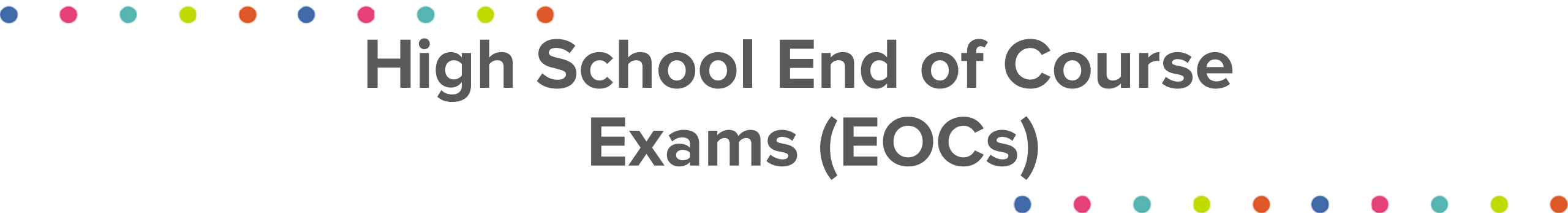
■ 2019 ■ 2023

8th grade STAAR meets/masters rates 2019-2023

District Name	8th grade math					8th grade reading				
	2019	2022	2023	Change Since 2019	Change Since 2022	2019	2022	2023	Change Since 2019	Change Since 2022
ALDINE ISD	47%	22%	21%	-26%	-1%	40%	40%	31%	-9%	-9%
ALIEF ISD	47%	37%	32%	-15%	-5%	43%	44%	43%	1%	-1%
CHANNELVIEW ISD	59%	25%	31%	-28%	6%	45%	48%	45%	3%	-3%
GALENA PARK ISD	61%	44%	52%	-9%	8%	45%	53%	54%	8%	-1%
HOUSTON ISD	45%	31%	28%	-17%	-3%	47%	55%	47%	0%	-8%
PASADENA ISD	56%	37%	40%	-16%	3%	45%	52%	45%	0%	-7%
SHELDON ISD	30%	7%	17%	-13%	10%	39%	38%	33%	-6%	-5%
SPRING BRANCH ISD	50%	35%	60%	10%	25%	54%	58%	59%	5%	1%
SPRING ISD	31%	22%	31%	0%	9%	28%	47%	47%	19%	0%
YES PREP PUBLIC SCHOOLS INC	69%	43%	28%	-41%	-15%	50%	50%	61%	11%	11%
State Average	55%	38%	44%	-11%	6%	53%	56%	56%	3%	0%
Houston Average	48%	31%	33%	-15%	2%	45%	50%	46%	1%	-4%

High School End of Course Exams (EOCs)

All Houston region districts showed gains in English 1 EOCs from 2022 to 2023; Channelview ISD, Galena Park ISD, and YES Prep all showed double digit gains.

Percent Meets Grade Level, English 1 EOC 2019-2023

YES PREP: +11pp 2022 to 2023
SPRING BRANCH ISD: +6pp 2022 to 2023
GALENA PARK ISD: +11pp 2022 to 2023
PASADENA ISD: +8pp 2022 to 2023
HOUSTON ISD: +1pp 2022 to 2023
CHANNELVIEW ISD: +10pp 2022 to 2023
SHELDON ISD: +6pp 2022 to 2023
SPRING ISD: +7pp 2022 to 2023
ALIEF ISD: +2pp 2022 to 2023
ALDINE ISD: +5pp 2022 to 2023
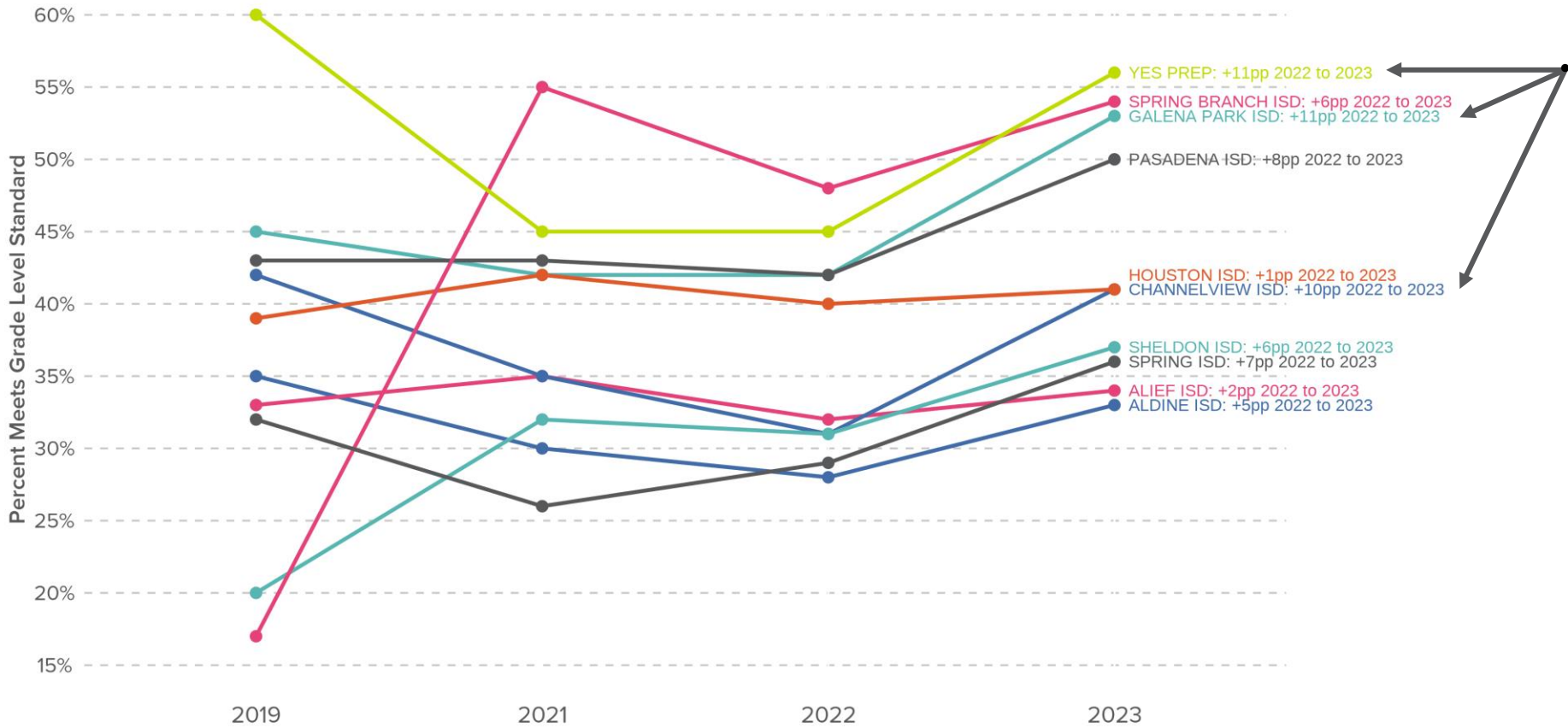
Three districts had notable double digit gains in English 1 EOCs, including Channelview ISD (+10pp), Galena Park ISD (+11pp) and YES Prep (+11pp).

Most Houston region districts have returned to or exceeded pre-pandemic levels in English 1 EOCs since 2019.

Percent Meets Grade Level, English 1 EOC 2019 & 2023

District	2019	2023
ALDINE ISD	35%	33%
ALIEF ISD	33%	34%
CHANNELVIEW ISD	42%	41%
GALENA PARK ISD	45%	53%
HOUSTON ISD	39%	41%
PASADENA ISD	43%	50%
SHELDON ISD	20%	37%
SPRING BRANCH ISD	17%	54%
SPRING ISD	32%	36%
YES PREP	60%	56%

Y-axis: Percent Meets Grade Level Standard

Legend: ■ 2019 ■ 2023
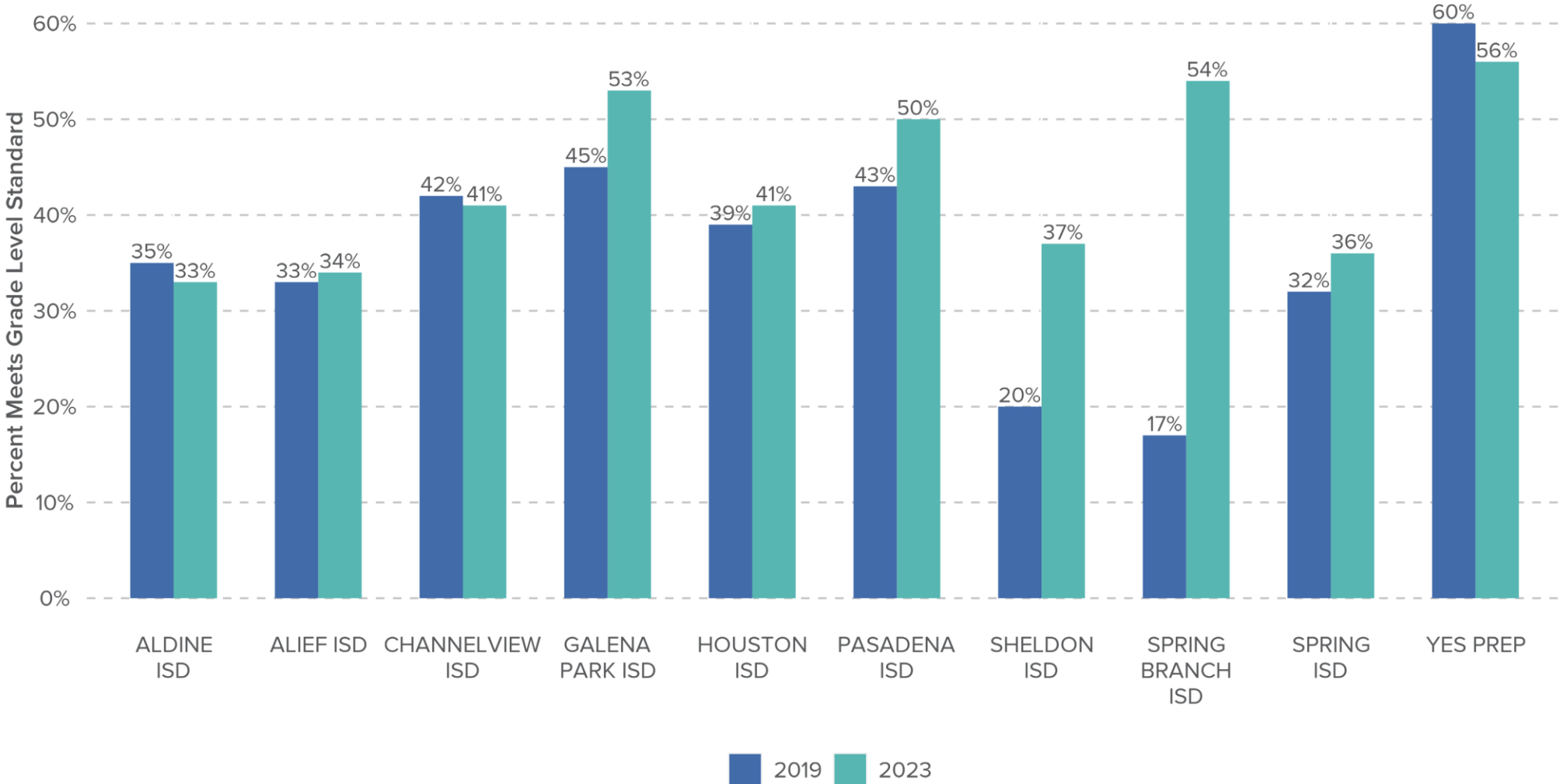
Most Houston region districts showed modest gains in Algebra 1 EOCs from 2022 to 2023, while some showed slight declines.

Percent Meets Grade Level, Algebra 1 EOC 2019-2023
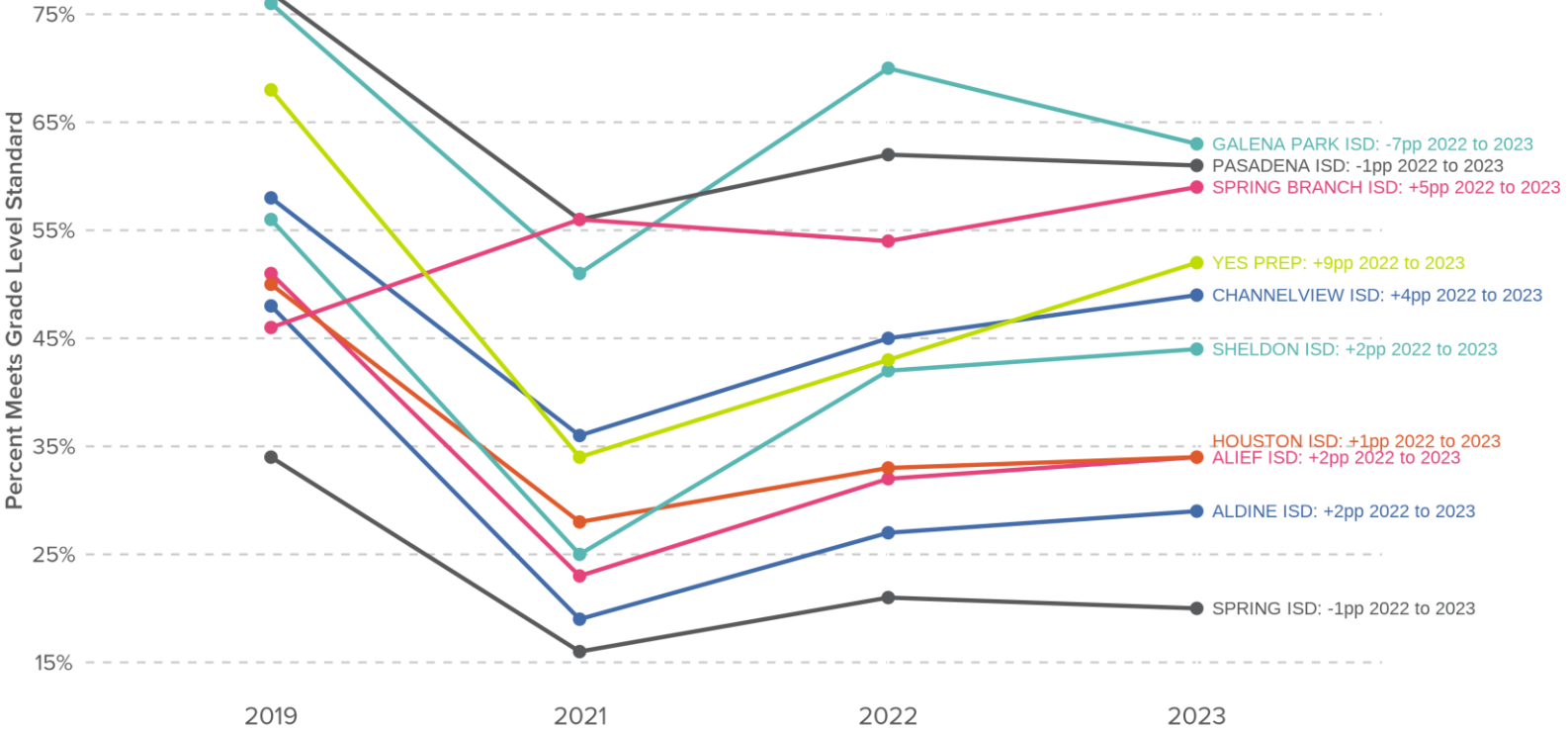
- Most districts have not recovered to post-pandemic meets/masters rates in Algebra 1, except for Spring Branch ISD

GALENA PARK ISD: -7pp 2022 to 2023
PASADENA ISD: -1pp 2022 to 2023
SPRING BRANCH ISD: +5pp 2022 to 2023
YES PREP: +9pp 2022 to 2023
CHANNELVIEW ISD: +4pp 2022 to 2023
SHELDON ISD: +2pp 2022 to 2023
HOUSTON ISD: +1pp 2022 to 2023
ALIEF ISD: +2pp 2022 to 2023
ALDINE ISD: +2pp 2022 to 2023
SPRING ISD: -1pp 2022 to 2023

Despite consistent gains since 2021 for many, among Houston region districts, only Spring Branch ISD has exceeded pre-pandemic levels in 2019 in Algebra 1.

Percent Meets Grade Level, Algebra 1 EOC 2019 & 2023

Percent Meets Grade Level Standard

District	2019	2023
ALDINE ISD	48%	29%
ALIEF ISD	51%	34%
CHANNELVIEW ISD	58%	49%
GALENA PARK ISD	76%	63%
HOUSTON ISD	50%	34%
PASADENA ISD	77%	61%
SHELDON ISD	56%	44%
SPRING BRANCH ISD	46%	59%
SPRING ISD	34%	20%
YES PREP	68%	52%

Legend: 2019, 2023
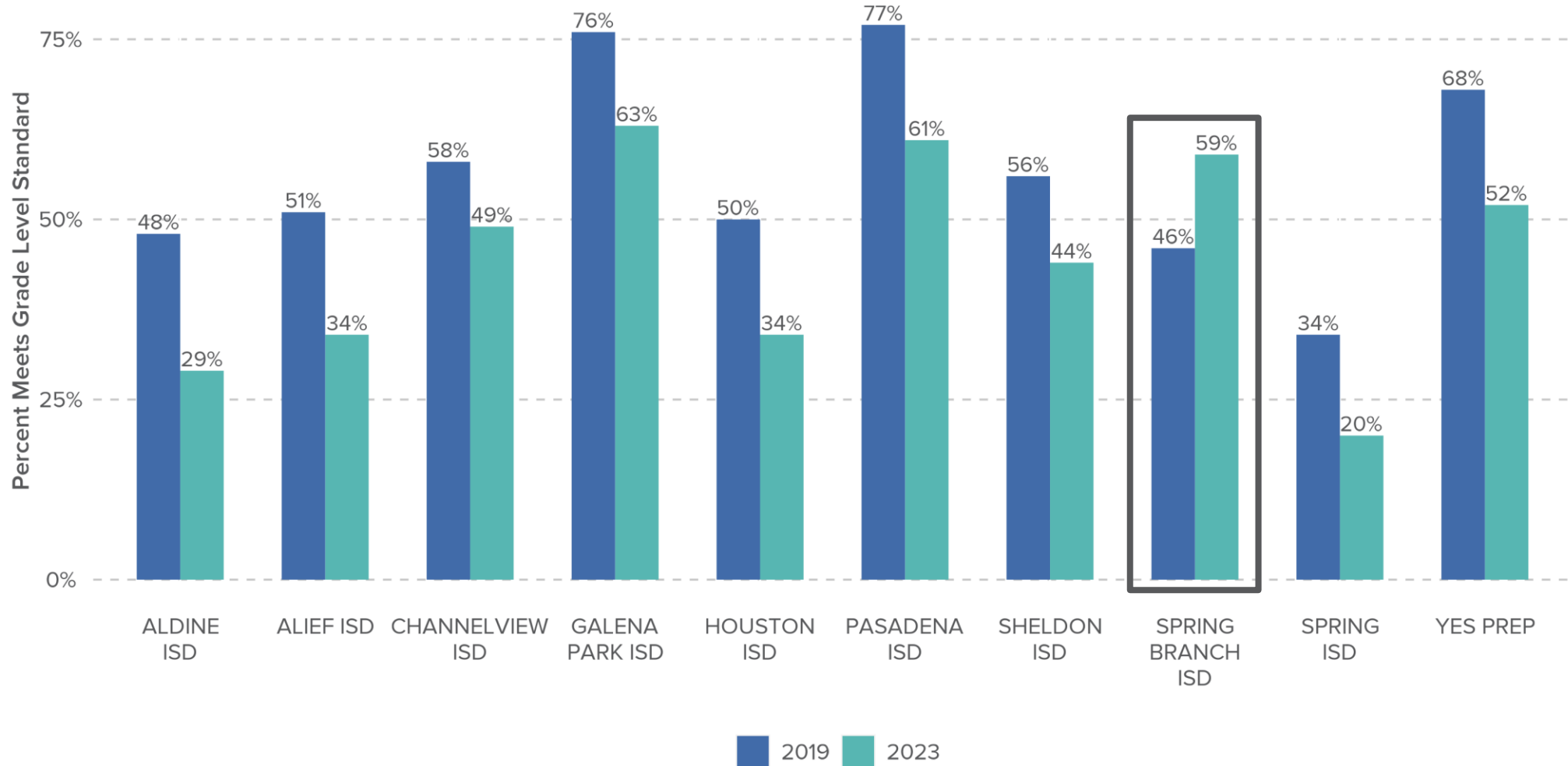
8th grade STAAR meets/masters rates 2019-2023

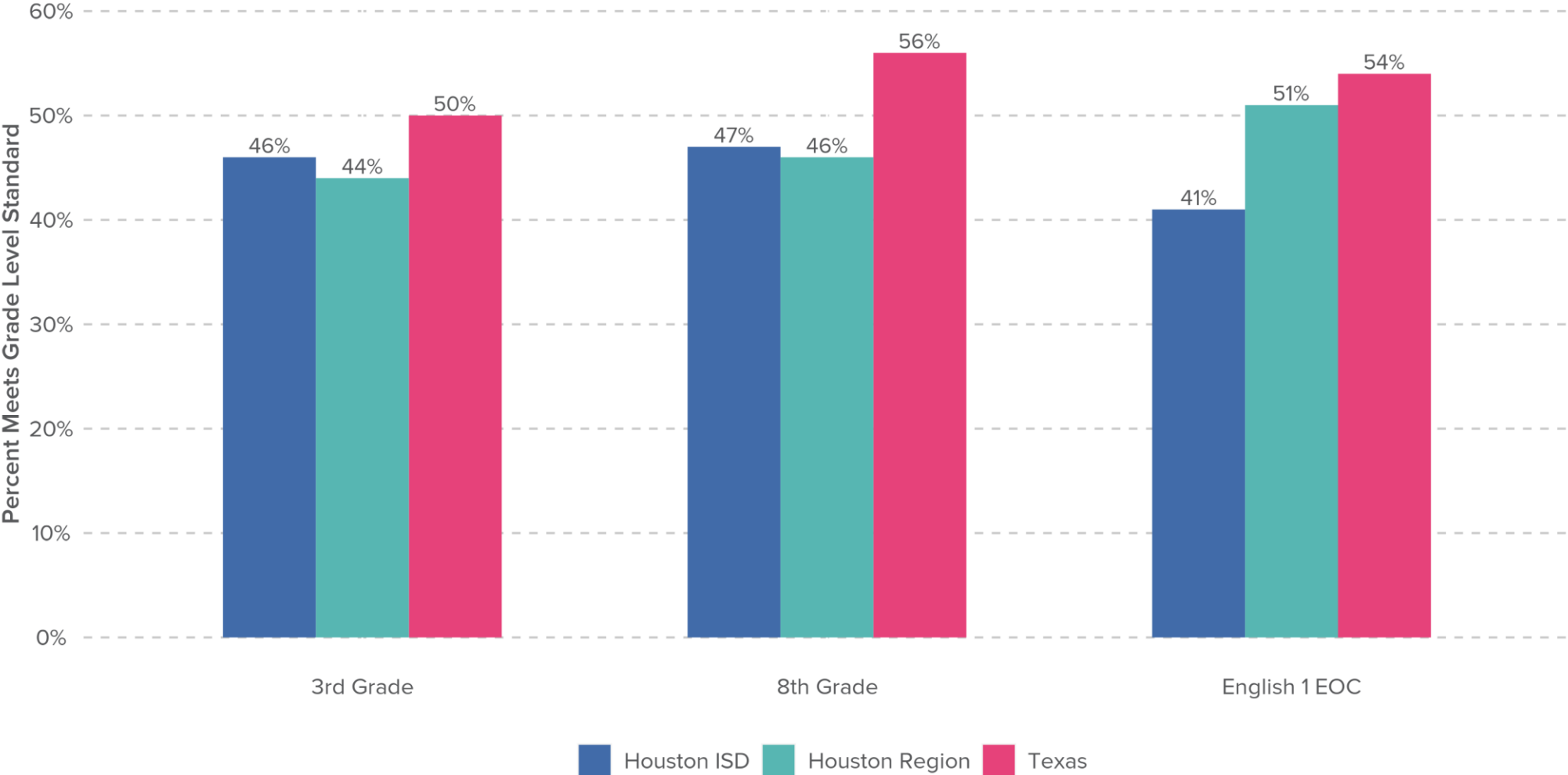| District Name	Algebra 1 EOC					English 1 EOC				
	2019	2022	2023	Change Since 2019	Change Since 2022	2019	2022	2023	Change Since 2019	Change Since 2022
ALDINE ISD	48%	27%	29%	-19%	2%	35%	28%	33%	-2%	5%
ALIEF ISD	51%	32%	34%	-17%	2%	33%	32%	34%	1%	2%
CHANNELVIEW ISD	58%	45%	49%	-9%	4%	42%	31%	41%	-1%	10%
GALENA PARK ISD	76%	70%	63%	-13%	-7%	45%	42%	53%	8%	11%
HOUSTON ISD	50%	33%	34%	-16%	1%	39%	40%	41%	2%	1%
PASADENA ISD	77%	62%	61%	-16%	-1%	43%	42%	50%	7%	8%
SHELDON ISD	56%	42%	44%	-12%	2%	20%	31%	37%	17%	6%
SPRING BRANCH ISD	46%	54%	59%	13%	5%	17%	48%	54%	37%	6%
SPRING ISD	34%	21%	20%	-14%	-1%	32%	29%	36%	4%	7%
YES PREP PUBLIC SCHOOLS INC	68%	43%	52%	-16%	9%	60%	45%	56%	-4%	11%
State Average	62%	46%	45%	-17%	-1%	49%	48%	54%	5%	6%
Houston Average	60%	47%	48%	-12%	1%	46%	47%	51%	5%	4%

HISD Compared to the Houston Region and State

HISD and the Houston region overall underperformed the state on RLA exams in 2023, but HISD slightly outperformed the region overall on 3rd and 8th grade reading tests.

Percent Meets Grade Level, RLA Exams 2023

Bar chart — Percent Meets Grade Level Standard

	Houston ISD	Houston Region	Texas
3rd Grade	46%	44%	50%
8th Grade	47%	46%	56%
English 1 EOC	41%	51%	54%

Legend: Houston ISD, Houston Region, Texas

The Houston region overall outperformed the state on the Algebra 1 EOC but performed significantly worse on 8th grade math exams.

Percent Meets Grade Level, Math Exams 2023

Legend: Houston ISD | Houston Region | Texas

	3rd Grade	8th Grade	Algebra 1 EOC
Houston ISD	41%	28%	34%
Houston Region	38%	33%	48%
Texas	43%	44%	45%