GOOD REASON HOUSTON

Houston ISD
New Education System
School Overview

June 2023

Executive Summary

Background on New Education System Schools

- NES schools were announced on the first day of Supt. Mike Miles' tenure. NES schools will leverage increased salaries and performance based pay to attract the most talented teachers to serve at high-need schools.
- New Education System (NES) schools include 24 schools in the Kashmere HS, North Forest HS and Wheatley HS feeder patterns and four other campuses.
- The three high schools anchoring the feeder patterns have had four years of unacceptable ratings since 2016, the highest among all high schools in the district. In order for the district to return to local control, the commissioner has set a goal of no campuses with multi-year "Improvement Required" designations.

Neighborhood Context and Demographics

- New Education System (NES) schools represent **8% of HISD's current enrollment**
- The three feeder patterns are anchored in historically Black, Hispanic, and low-income neighborhoods covering Fifth Ward, Kashmere Gardens and North Forest.
- Among NES schools, 40% of students are Black (compared to 21% for Non-NES schools) and 58% Hispanic (compared to 62%)
- 98% of students in NES schools are Economically Disadvantaged, compared to 78% for Non- NES schools
- Over 11% of students in NES schools receive Special Education services compared to less than 9% in non-NES schools

Executive Summary

Accountability

- **1.7x More Likely to be Rated "C" or Below** - 41% of NES students attend a campus w/ a 2022 TEA Accountability Rating of C or below vs. 26% of students in non-NES schools.
- In 2019, this percentage in C or below schools was **82% vs. 47% for non-NES (also 1.7x).**
- 2022 ratings across the city and state were significantly higher than in 2019, the last year of available data. Ratings were largely inflated by Academic Growth compared to historically low student achievement in 2021 in the midst of the COVID-19 pandemic.
- Ratings could fall in 2023 given that 2022 ratings benefitted from very strong growth vs. a historically low pandemic trough in 2021 (a growth rate unlikely to be replicated again in '23).

STAAR

- NES schools lag non-NES schools in 3rd grade reading proficiency **(13pp),** Grades 3-8 Reading **(20pp),** Grades 3-8 Math **(14pp),** and Algebra I **(13pp),** among other key subjects
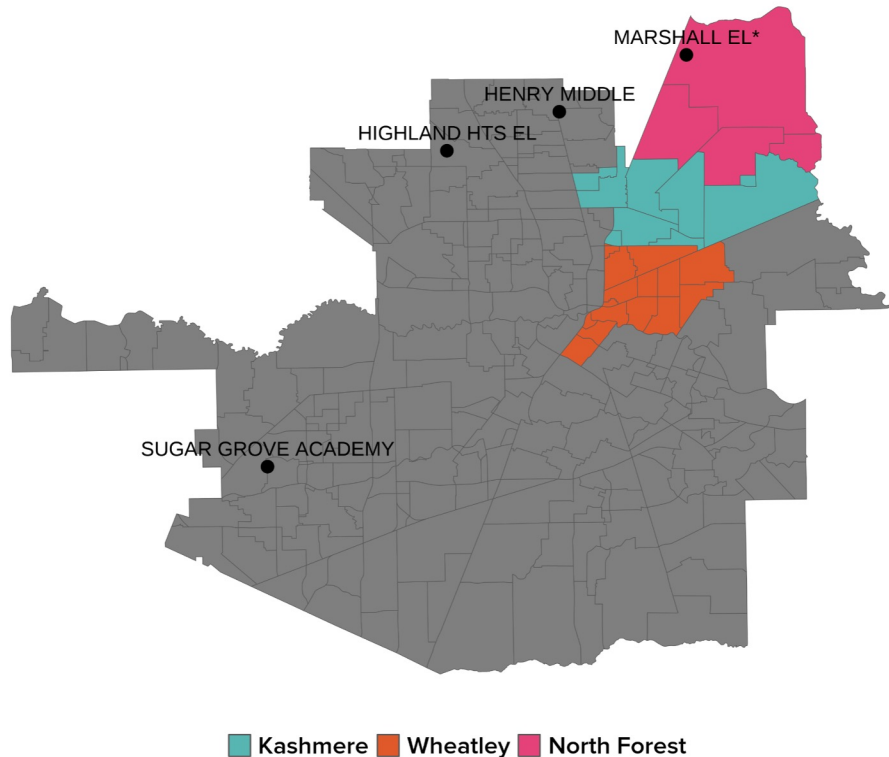
CCMR and Post-Secondary Enrollment

- NES high schools' College, Career, and Military Readiness (CCMR) rates have been falling steadily since 2019 and now trail non-NES high schools by **11pp.**
- The percent of NES high school students **not scoring TSI ready** (thus requiring remediation should they go to college) is a **substantial 90%+ vs. 63% for non-NES schools**.
- The % of NES students enrolling in a Texas post-secondary institution **has declined from 32% to 24% since 2018** versus a state enrollment percentage that is **2x greater (49%)**

Background & Context

28 Campuses Comprise the New Education System

24 campuses within three feeder patterns are concentrated in the Northeast of the district, covering North Forest, Fifth Ward, and Kashmere Gardens neighborhoods. An additional four were selected in other neighborhoods.

NES Focus Feeder Patterns and Other Campuses

MARSHALL EL*
HENRY MIDDLE
HIGHLAND HTS EL
SUGAR GROVE ACADEMY

Legend: ■ Kashmere ■ Wheatley ■ North Forest

Kashmere HS Feeder Pattern

Berry ES	Kashmere Gardens ES	McGowen ES
Cook Jr. ES	Kashmere HS	Roderick R. Paige ES
Elmore ES	Key MS	

North Forest Feeder Pattern

Forest Brook MS	Shadydale ES
Hilliard ES	North Forest HS

Wheatley HS Feeder Pattern

Atherton ES	Fleming MS	McReynolds MS
Bruce ES	Henderson N ES	Pugh ES
Dogan ES	Isaacs ES	Scroggins ES
Eliot ES	Martinez R. ES	Wheatley HS

Other NES Schools
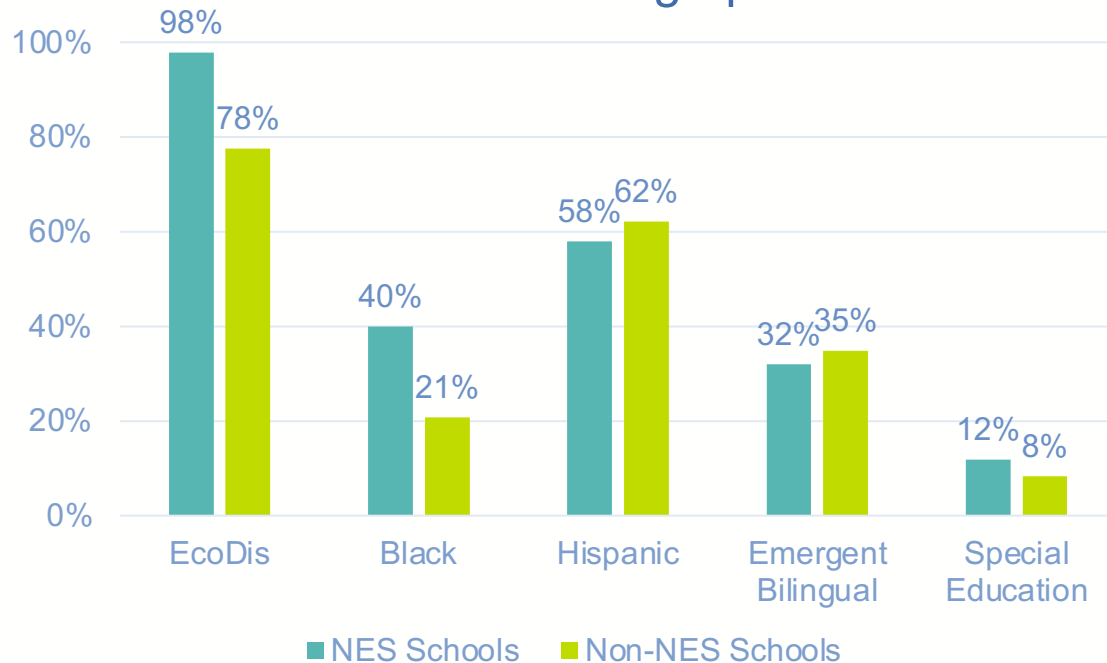
Patrick Henry MS	Marshall ES
Highland Heights ES	Sugar Grove Academy

Marshall Elementary is in the North Forest HS feeder pattern, but HISD has designated it under "Other NES Schools."

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NES Schools Serve Historically Black, Hispanic, and Low-Income Neighborhoods
These communities have historically faced challenges to their schools, economy, and infrastructure

NES Demographics Compared to HISD Non-NES Demographics

Legend: ■ NES Schools ■ Non-NES Schools

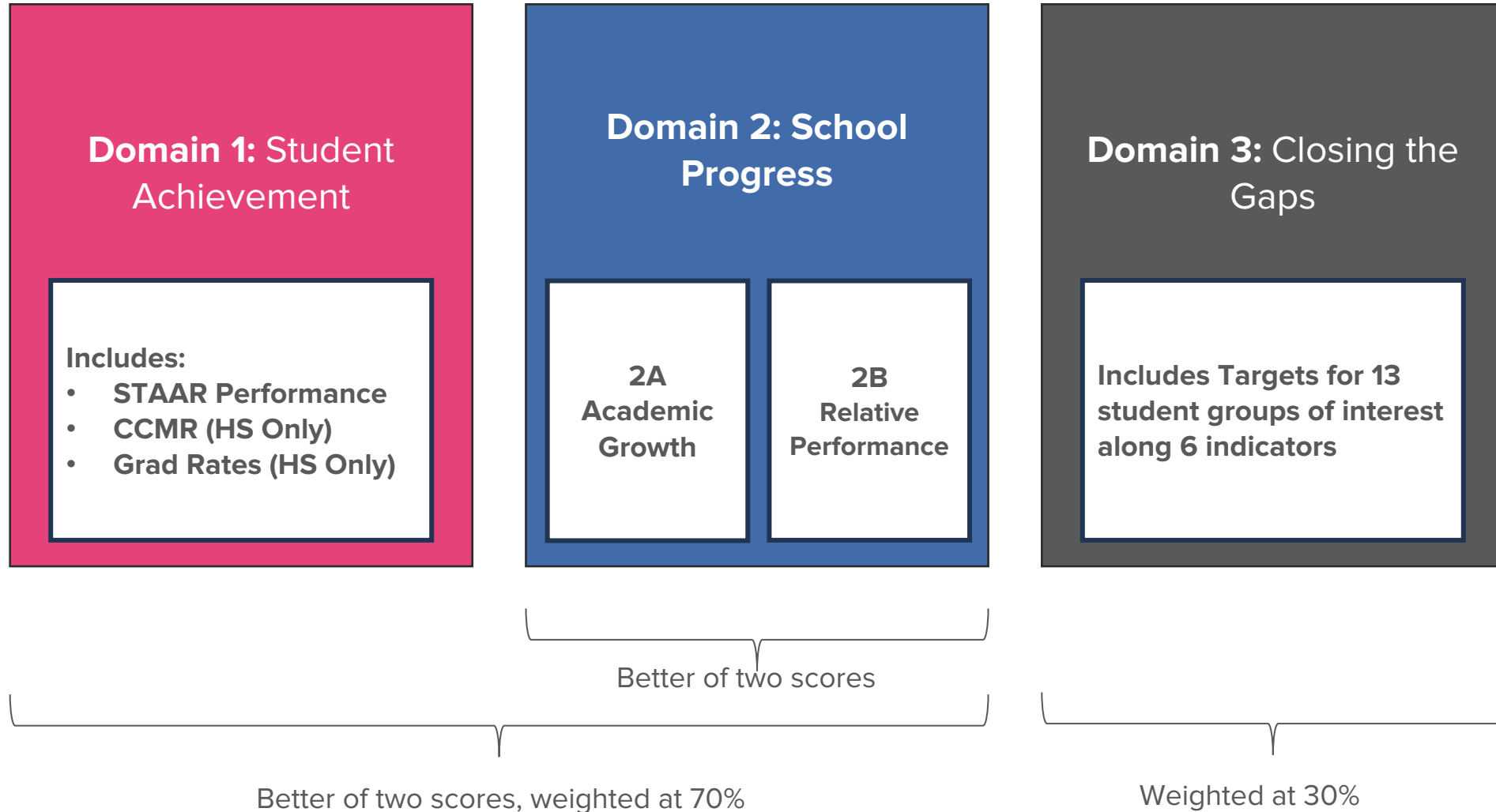| Category	NES Schools	Non-NES Schools
EcoDis	98%	78%
Black	40%	21%
Hispanic	58%	62%
Emergent Bilingual	32%	35%
Special Education	12%	8%

Community Context

- Neighborhoods in these feeder patterns were home to Black schools prior to desegregation
- North Forest ISD was annexed to Houston ISD in 2011 due to the district's poor academic performance.
- Much of Fifth Ward and Kashmere Gardens sustained significant damage in and slow recovery from recent flooding events over the past several years.
- The EPA is currently investigating a cancer cluster in Fifth Ward due to ground contamination from the Union Pacific Railroad's historical activity in the area.
- The three high schools included have had 4 years of unacceptable ratings

Source: TEA TAPR 2021-2022

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Campus Demographics and Accountability Ratings

The TEA Accountability Rating System, by Design, Allows Scores to be Bolstered by Year-Over-Year Growth and Can Mask Low Student Achievement

Domain 1: Student Achievement

Includes:
- **STAAR Performance**
- **CCMR (HS Only)**
- **Grad Rates (HS Only)**

Domain 2: School Progress

2A Academic Growth

2B Relative Performance

Better of two scores

Domain 3: Closing the Gaps

Includes Targets for 13 student groups of interest along 6 indicators

Better of two scores, weighted at 70%
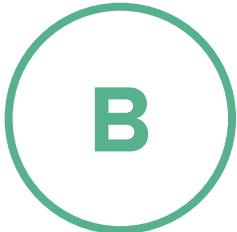
Weighted at 30%

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Some NES Campuses Illustrate How the Rating Methodology Masks Low Student Achievement
Academic Growth was the highest domain in 3 out of 4 HISD campuses

Kashmere Gardens ES

Overall Rating **B**

Domain 1:
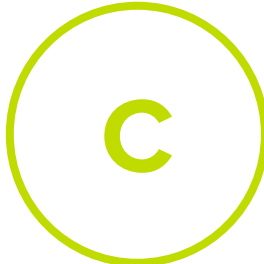### Student Achievement

NR

Student Achievement Score: 51

Domain 2:
School Progress

B

Academic Growth Score: 89
Relative Performance Score: 53

Domain 3:
Closing the Gaps

C

Closing the Gaps Score: 72

What causes this discrepancy?

Pandemic Learning Loss: Historically low STAAR scores in 2021 results in higher than normal growth in the post-pandemic year. Despite high growth, campuses like Kashmere Gardens elementary still have low STAAR scores.

2021 College, Career, Military Readiness Rate (for HS): Some campuses relied on Industry-Based Certifications that are being sunset due to lack of rigor and alignment with industry need which boosted both Student Achievement and Relative Performance scores

Source: TXschools.gov

The Majority of Campuses Relied on Academic Growth to Bolster 2022 Overall Scores, Including 75% of Campuses in Houston ISD

This idiosyncrasy in the data underscores the need to examine student achievement alongside overall ratings. The four slides that follow show both A-F Accountability Scores and % overall meets & masters on STAAR.

Percent of Campuses where **Academic Growth** Exceeds Student Achievement and Relative Performance

■ 2019 ■ 2022

	ALDINE	ALIEF	CHANNELVIEW	GALENA PARK	HOUSTON	PASADENA	SHELDON	SPRING BRANCH	SPRING	HOUSTON AVG	STATE AVG
2019	18%	12%	10%	4%	30%	14%	0%	28%	46%	22%	15%
2022	81%	80%	70%	70%	76%	89%	89%	41%	79%	75%	47%
Ecodis %	89%	83%	79%	89%	79%	79%	87%	57%	85%	80%	60%

GOOD REASON HOUSTON
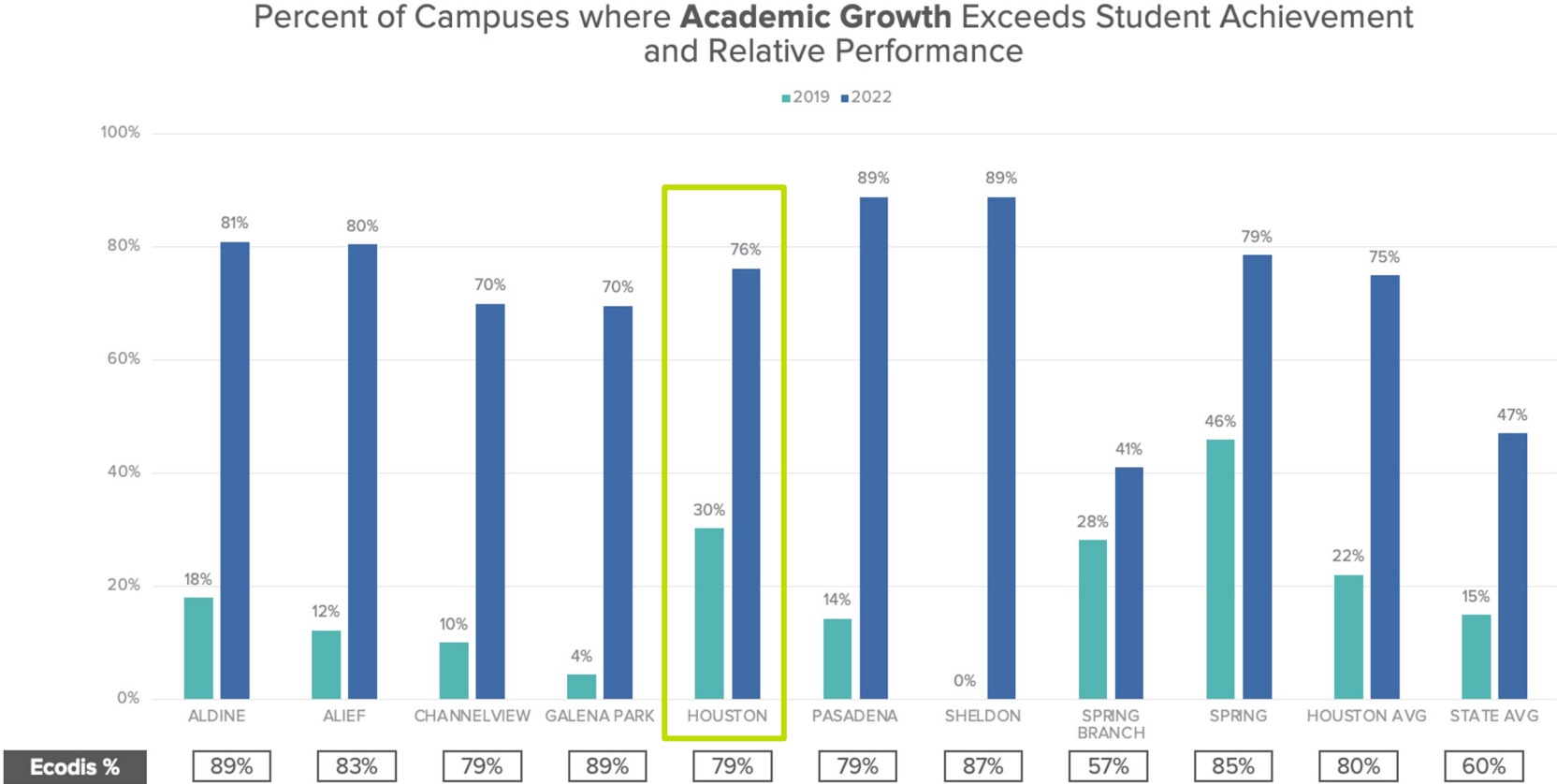
Kashmere HS Feeder Schools: Student Demographics, STAAR Assessments and Accountability Ratings

Two Campuses Had Higher A-F Score in 2022 vs. 2019 Despite Having Lower STAAR Proficiency; Feeder Underperformed HISD Average by 15pp in 2022

| | School Information and Demographics | | | | | STAAR "Meets" %, All Grades/Subjects | | | A-F Accountability Overall Rating | |
	School Name	Enroll. #	EcoDis %	Black %	Hisp. %	LEP %	2019	2021	2022	2019	2022
Elementary	Berry	758	99%	7%	91%	52%	40%	29%	45%	82%	88%
	Cook Jr	511	98%	52%	44%	25%	28%	23%	33%	75%	85%
	Elmore	577	98%	41%	58%	40%	23%	10%	18%	76%	67%
	Kashmere G.	446	99%	79%	19%	10%	30%	6%	19%	76%	84%
	McGowen	396	99%	60%	39%	22%	28%	10%	25%	77%	85%
	R. Paige	398	99%	31%	68%	34%	31%	12%	21%	82%	85%
MS	Key	593	98%	54%	44%	26%	18%	12%	24%	56%	83%
HS	Kashmere	783	95%	55%	42%	22%	31%	24%	24%	75%	68%
	Kashmere Feeder Avg.	**4,462**	**98%**	**45%**	**52%**	**30%**	**27%**	**16%**	**26%**	**N/A**	**N/A**
	HISD Avg.	**193.7k**	**79%**	**22%**	**62%**	**35%**	**42%**	**31%**	**41%**	**88%**	**88%**
	State Avg.	**5.40m**	**61%**	**13%**	**53%**	**22%**	**48%**	**40%**	**47%**	**N/A**	**N/A**

Source: TEA TAPR 2021-2022

GOOD REASON HOUSTON

North Forest HS Feeder Schools: Student Demographics, STAAR Assessments and Accountability Ratings
Feeder Underperformed HISD Average by 19pp in 2022

	School Information and Demographics					STAAR "Meets" %, All Grades/Subjects			A-F Accountability Score	
	School Name	Enroll. #	EcoDis %	Black %	Hisp. %	LEP %	2019	2021	2022	2019	2022
Elem.	Hilliard	539	99%	69%	28%	15%	17%	11%	30%	64%	89
	Shadydale	685	96%	63%	36%	20%	34%	12%	23%	79%	74
MS	Forest Brook	742	99%	57%	40%	25%	22%	9%	15%	70%	59
HS	North Forest	1,000	97%	54%	44%	19%	29%	23%	25%	69%	74
	North Forest Feeder Avg.	2,966	98%	60%	38%	20%	26%	14%	22%	N/A	N/A
	HISD Avg.	193.7k	79%	22%	62%	35%	42%	31%	41%	88%	88%
	State Avg.	5.40m	61%	13%	53%	22%	48%	40%	47%	N/A	N/A

Source: TEA TAPR 2021-2022

GOOD REASON HOUSTON

Wheatley HS Feeder Schools: Student Demographics, STAAR Assessments and Accountability Ratings
Feeder Underperformed HISD Average by 12pp in 2022

	School Information and Demographics					STAAR Prof. %, All Grades/Subjects			A-F Score	
	School Name	Enroll. #	EcoDis %	Black %	Hisp. %	LEP %	2019	2021	2022	2019	2022
Elementary	Atherton	448	97%	72%	26%	11%	52%	11%	32%	92%	87%
	Bruce	349	98%	72%	27%	11%	23%	12%	26%	61%	84%
	Dogan	493	98%	28%	70%	39%	27%	12%	24%	75%	84%
	Eliot	526	94%	1%	98%	51%	46%	23%	46%	90%	95%
	Henderson	226	100%	84%	15%	9%	27%	9%	29%	80%	88%
	Isaacs	279	97%	41%	57%	38%	22%	12%	21%	59%	85%
	Martinez	460	98%	2%	96%	33%	30%	27%	47%	78%	93%
	Pugh	331	96%	2%	96%	42%	41%	25%	51%	84%	95%
	Scroggins	350	95%	1%	98%	53%	37%	20%	48%	78%	93%
MS	Fleming	381	97%	60%	38%	22%	20%	8%	24%	58%	84%
	McReynolds	470	98%	25%	74%	35%	25%	9%	13%	68%	67%
HS	Wheatley	741	95%	54%	45%	19%	27%	23%	26%	59%	78%
	Feeder Avg.	**5,054**	**97%**	**35%**	**63%**	**31%**	**30%**	**16%**	**29%**	**N/A**	**N/A**
	HISD Avg.	**193.7k**	**79%**	**22%**	**62%**	**35%**	**42%**	**31%**	**41%**	**88%**	**88%**
	State Avg.	**5.40m**	**61%**	**13%**	**53%**	**22%**	**48%**	**40%**	**47%**	**N/A**	**N/A**

Source: TEA TAPR 2021-2022

GOOD REASON HOUSTON

Other NES Schools: Student Demographics, STAAR Assessments and Accountability Ratings
Group Underperformed HISD Average by 20pp in 2022

	School Name	Enroll. #	EcoDis %	Black %	Hisp. %	LEP %	2019	2021	2022	2019	2022
			School Information and Demographics				**STAAR "Meets" %, All Grades/Subjects**			**A-F Accountability Score**	
Elem.	Highland Hts.	470	99%	43%	55%	35%	18%	14%	22%	64	63%
	Marshall	690	97%	30%	69%	48%	27%	12%	26%	63	85%
MS	Henry	766	98%	10%	88%	48%	18%	7%	20%	60	76%
	Sugar Grove Ac.	760	99%	12%	82%	73%	13%	8%	18%	57	83%
	Other NES Avg.	**2,686**	**98%**	**21%**	**75%**	**53%**	**18%**	**9%**	**21%**	**N/A**	**N/A**
	HISD Avg.	**193.7k**	**79%**	**22%**	**62%**	**35%**	**42%**	**31%**	**41%**	**88%**	**88%**
	State Avg.	**5.40m**	**61%**	**13%**	**53%**	**22%**	**48%**	**40%**	**47%**	**N/A**	**N/A**

GOOD REASON HOUSTON

NES Feeder Patterns Lag Non-NES School Performance Across Grades and Subjects

STAAR All Grades, All Subjects "Meets Grade Level" Rates, by HS Feeder Pattern, 2017-2022[1]
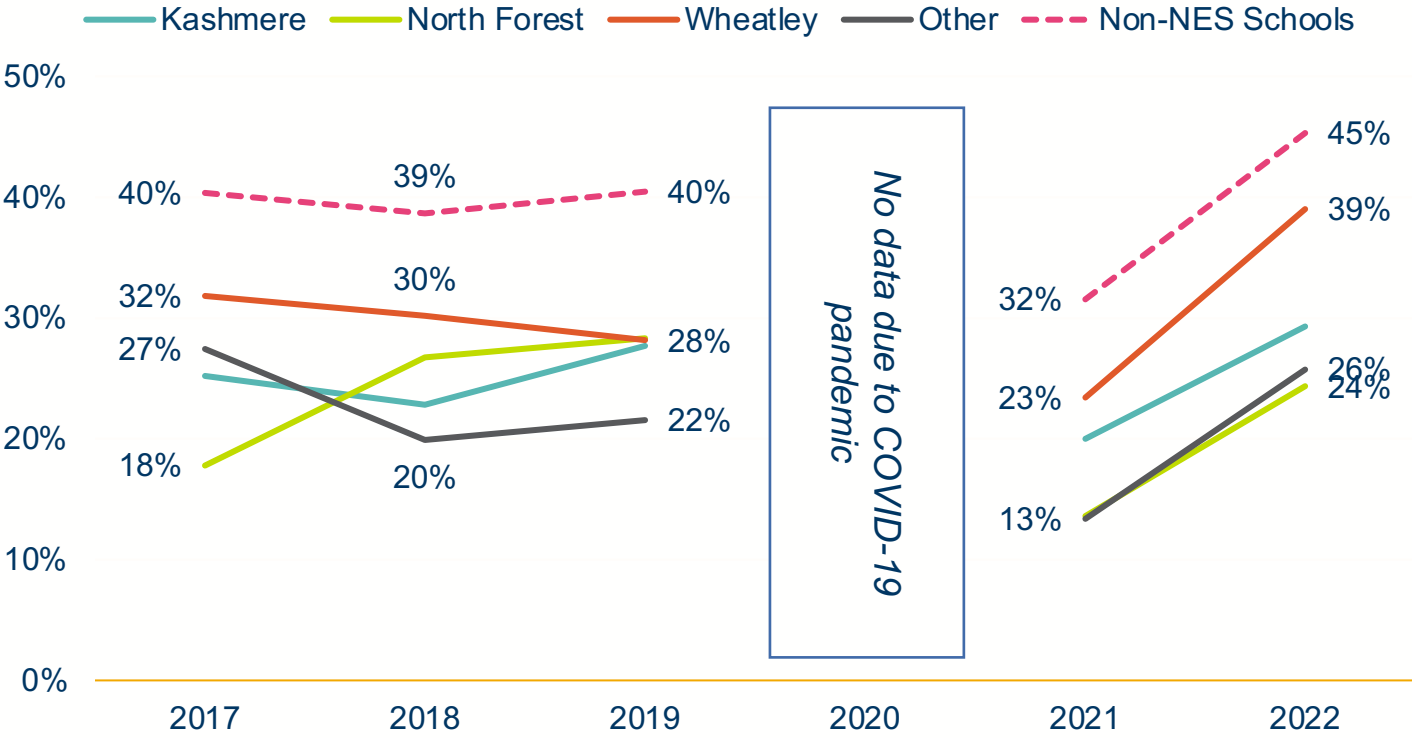

Legend: ━ Kashmere   ━ North Forest   ━ Wheatley   ━ Other   ╍ Non-NES Schools

Chart data points:

Year	Non-NES	Wheatley	Kashmere	North Forest	Other
2017	40%	26%	21%	18%	18%
2018	42%	30%	24%		17%
2019	43%	30%	27%	27%	18%
2020	No data due to COVID-19 pandemic				
2021	33%	16%		16%	9%
2022	42%	29%	26%	21%	21%
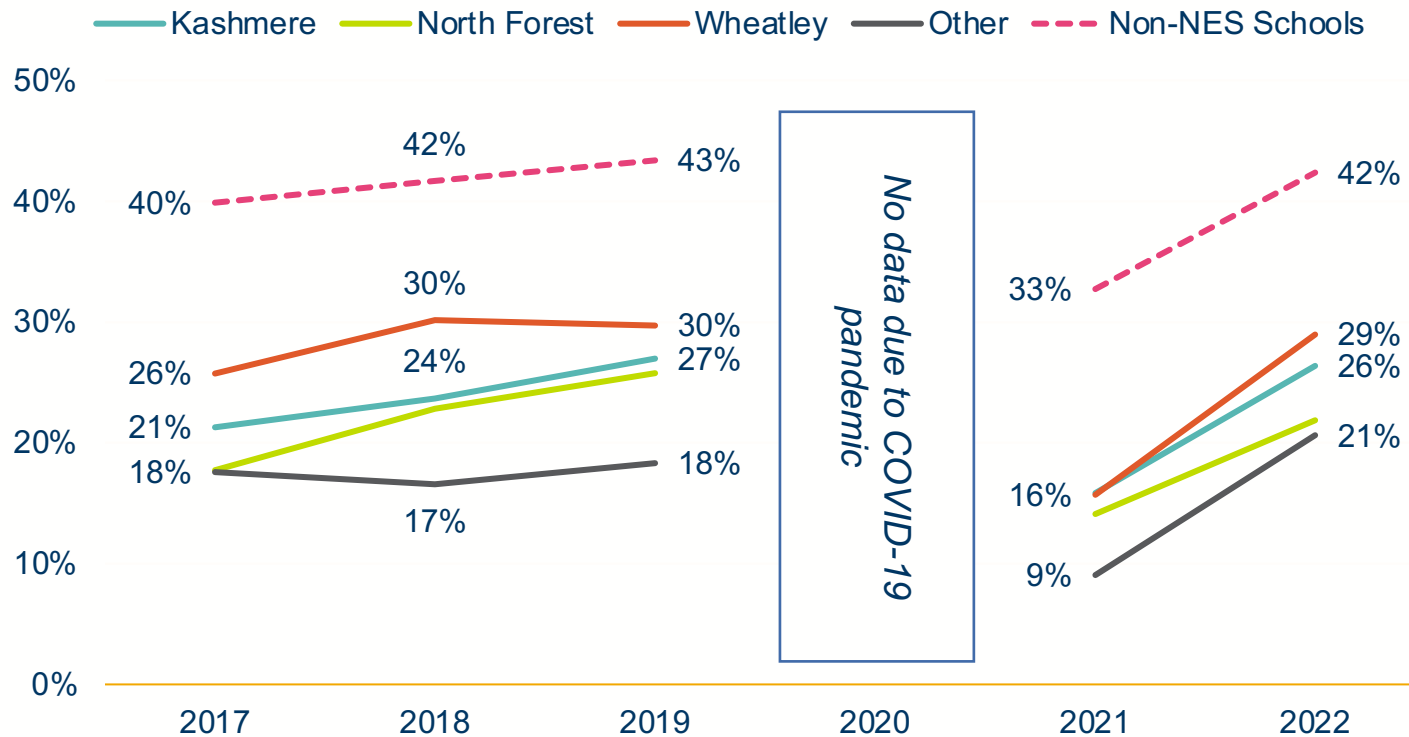
- NES feeder pattern schools' STAAR proficiency rates lag non-NES schools **by as many as 20pp**

- Feeder schools have, on average, have **returned to the pre-COVID STAAR proficiency levels of 2019**

- Despite proficiency gains, NES schools do not appear to be closing gaps with district-wide rates

GOOD REASON HOUSTON

Reading Proficiency

NES Elementary Campuses Lag Non-NES Average in 3rd Grade Reading Proficiency

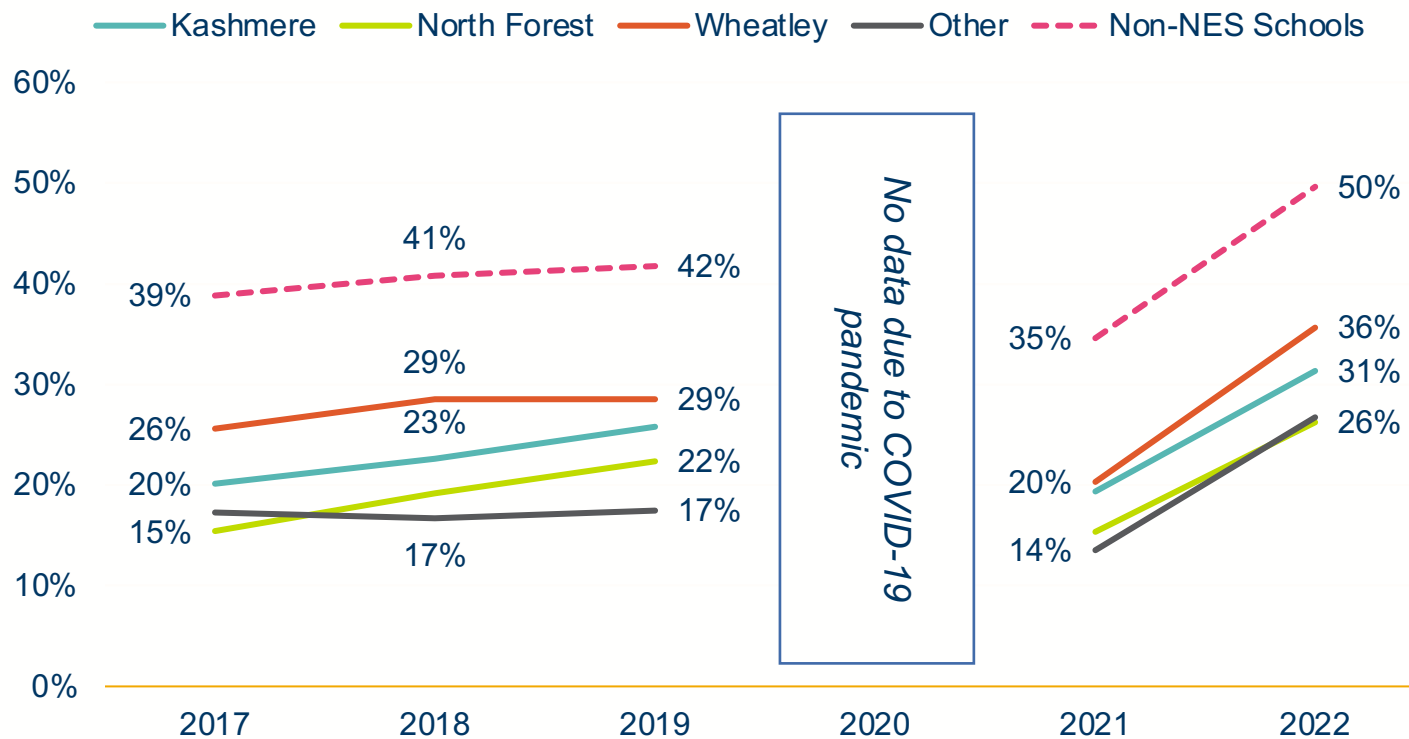## STAAR 3rd Grade Reading "Meets Grade Level" Rates, by HS Feeder Pattern, 2017-2022

Legend: Kashmere · North Forest · Wheatley · Other · Non-NES Schools

Data points:
- Non-NES Schools: 40% (2017), 39% (2018), 40% (2019), 32% (2021), 45% (2022)
- Wheatley: 32% (2017), 30% (2018), 28% (2019), 23% (2021), 39% (2022)
- Kashmere: (2017), 28% (2019), 28% (2022)
- North Forest: 18% (2017), 30% (2018), 28% (2019)
- Other: 27% (2017), 20% (2018), 22% (2019)
- 13% (2021), 26% and 24% (2022)

No data due to COVID-19 pandemic (2020)

- Despite post-COVID growth, NES elementary schools continue to underperform in 3rd grade reading, lagging the non-NES average **by as many as 20pp**

- The Wheatley feeder pattern **has made significant progress in closing the gap with non-NES schools and surpassing pre-COVID reading levels**

Source: TEA STAAR "Meets Grade Level" rates, 2017-2022

GOOD REASON HOUSTON

Across Grades 3-8, NES Schools Underperform in Reading Compared to Non-NES Campuses

STAAR 3rd-8th Grade Grade Reading "Meets Grade Level" Rates, by HS Feeder Pattern, 2017-2022
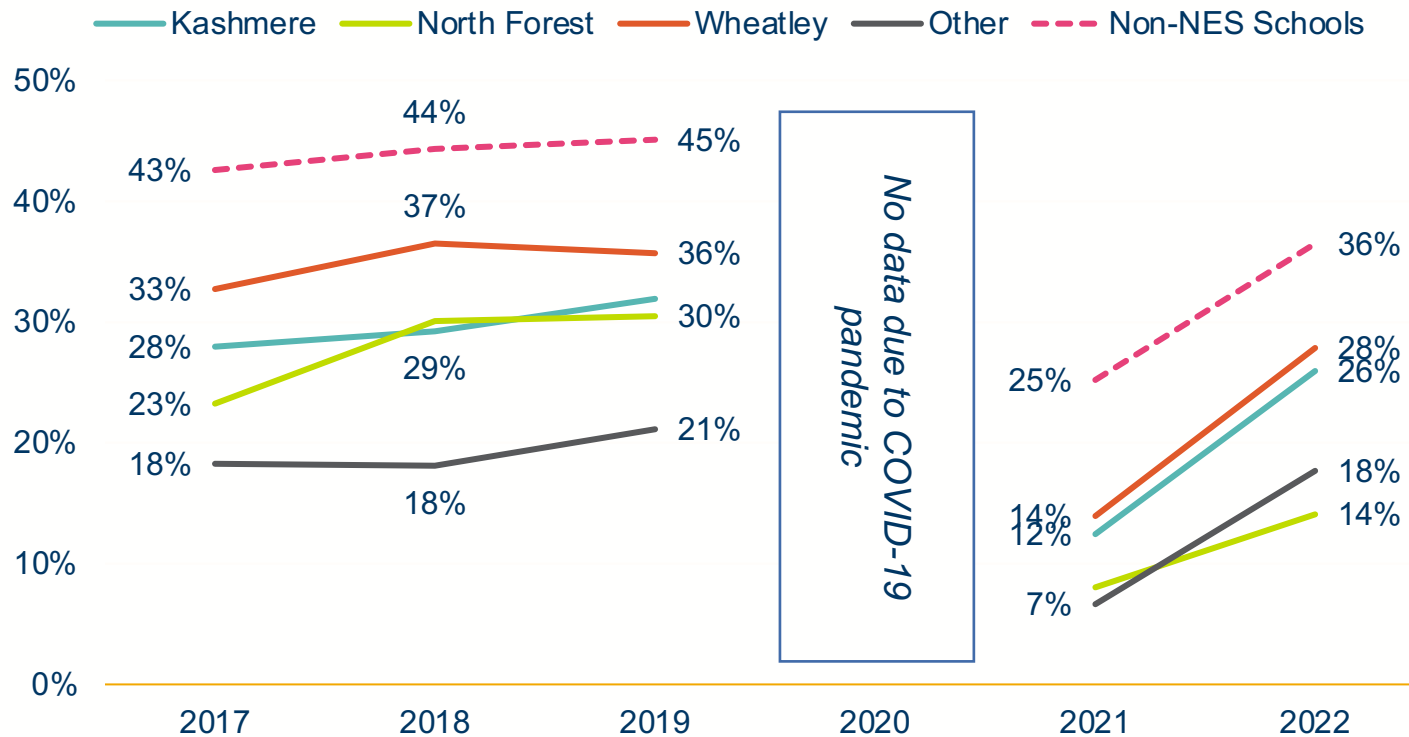

Legend: Kashmere — North Forest — Wheatley — Other — Non-NES Schools

Chart data points:
- Non-NES Schools: 39% (2017), 41% (2018), 42% (2019), 35% (2021), 50% (2022)
- Wheatley: 26% (2017), 29% (2018), 29% (2019), 20% (2021), 36% (2022)
- Kashmere: 20% (2017), 23% (2018), 26% (2019), 31% (2022)
- North Forest: 15% (2017), 22% (2019), 14% (2021), 26% (2022)
- Other: 17% (2017), 17% (2018/2019)

No data due to COVID-19 pandemic (2020)

- NES schools lag non-NES averages in reading proficiency by **15-25pp**

- While NES schools have recovered to pre-COVID proficiency, they have not meaningfully closed gaps with non-NES schools

Source: TEA STAAR "Meets Grade Level" rates, 2017-2022

GOOD REASON HOUSTON

Math Proficiency

Significant Gaps in Math Proficiency Exist Between NES and Non-NES Schools

STAAR 3rd-8th Grade Math "Meets Grade Level" Rates, by HS Feeder Pattern, 2017-2022


Legend: Kashmere, North Forest, Wheatley, Other, Non-NES Schools

Data points:
- Non-NES Schools: 43% (2017), 44% (2018), 45% (2019), 25% (2021), 36% (2022)
- Wheatley: 33% (2017), 37% (2018), 36% (2019), 14% (2021), 28% (2022)
- Kashmere: 28% (2017), 29% (2018), 30% (2019), 12% (2021), 26% (2022)
- North Forest: 23% (2017), 29% (2018), 30% (2019), 7% (2021), 14% (2022)
- Other: 18% (2017), 18% (2018), 21% (2019), 14% (2021), 18% (2022)

No data due to COVID-19 pandemic (2020)

- NES schools lag the non-NES average in 3rd-8th Grade Math by **10-20pp**

- Despite post-COVID gains, NES schools **have not closed achievement gaps with non-NES campuses**

- NES schools **have not yet fully recovered in math performance** from pandemic-related declines

Source: TEA STAAR "Meets Grade Level" rates, 2017-2022

GOOD REASON HOUSTON

Middle School Proficiency

NES Middle Schools Lag Non-NES Middle Schools Across Grades and Subjects

STAAR All Grades, All Subjects "Meets Grade Level" Rates, by HS Feeder Pattern, 2017-2022 (Middle Schools Only)[1]

Legend: Kashmere — North Forest — Wheatley — Other — Non-NES Schools
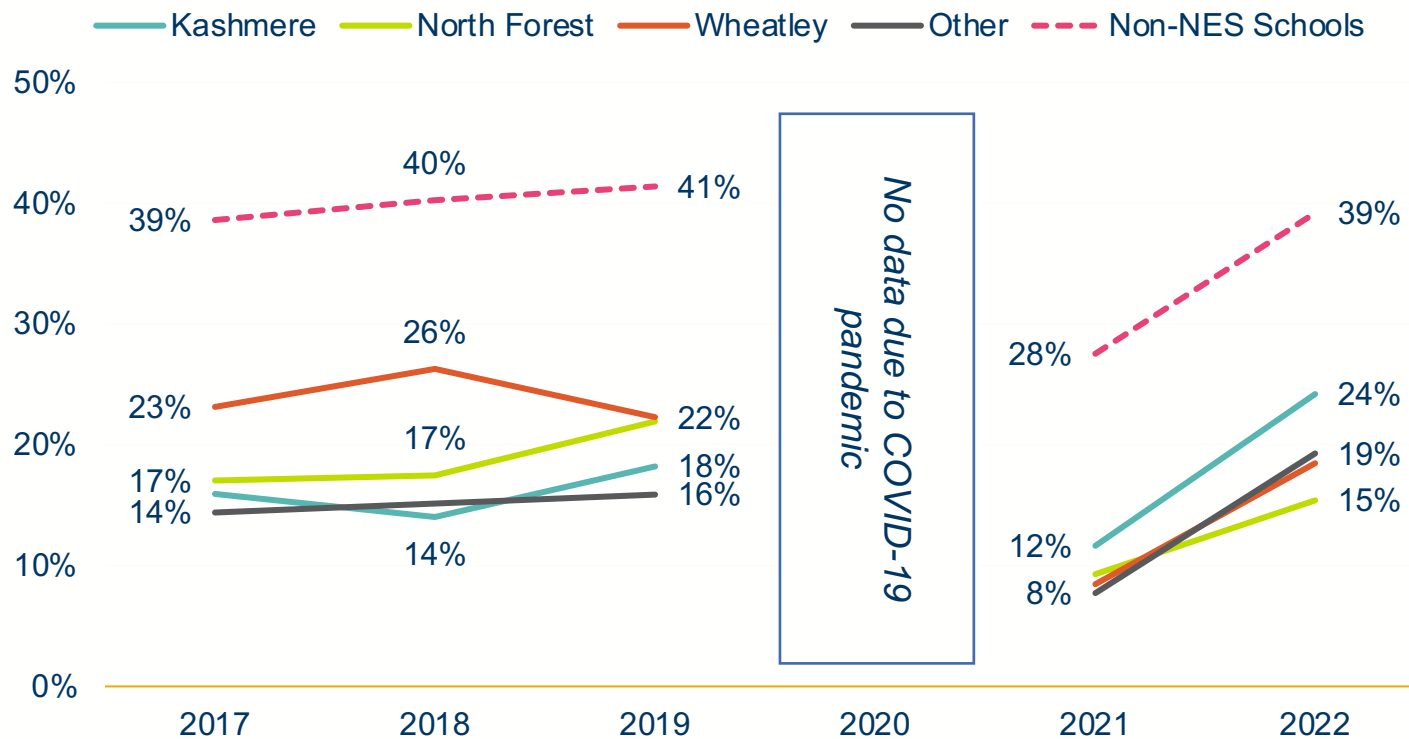
- NES middle schools lag non-NES middle school averages **by 15-25pp**

- These wide gaps existed before COVID-related shutdowns

- Despite STAAR gains from 2021-2022, NES middle schools have failed to close gaps with non-NES schools

GOOD REASON HOUSTON

High School Outcomes

Kashmere, North Forest, and Wheatley Suffered Major Algebra 1 Achievement Declines Following COVID

STAAR Algebra I "Meets Grade Level" Rates, NES and Non-NES Schools, 2017-2022

Legend: Kashmere HS — N. Forest HS — Wheatley HS — Non-NES Schools

No data due to COVID-19 pandemic
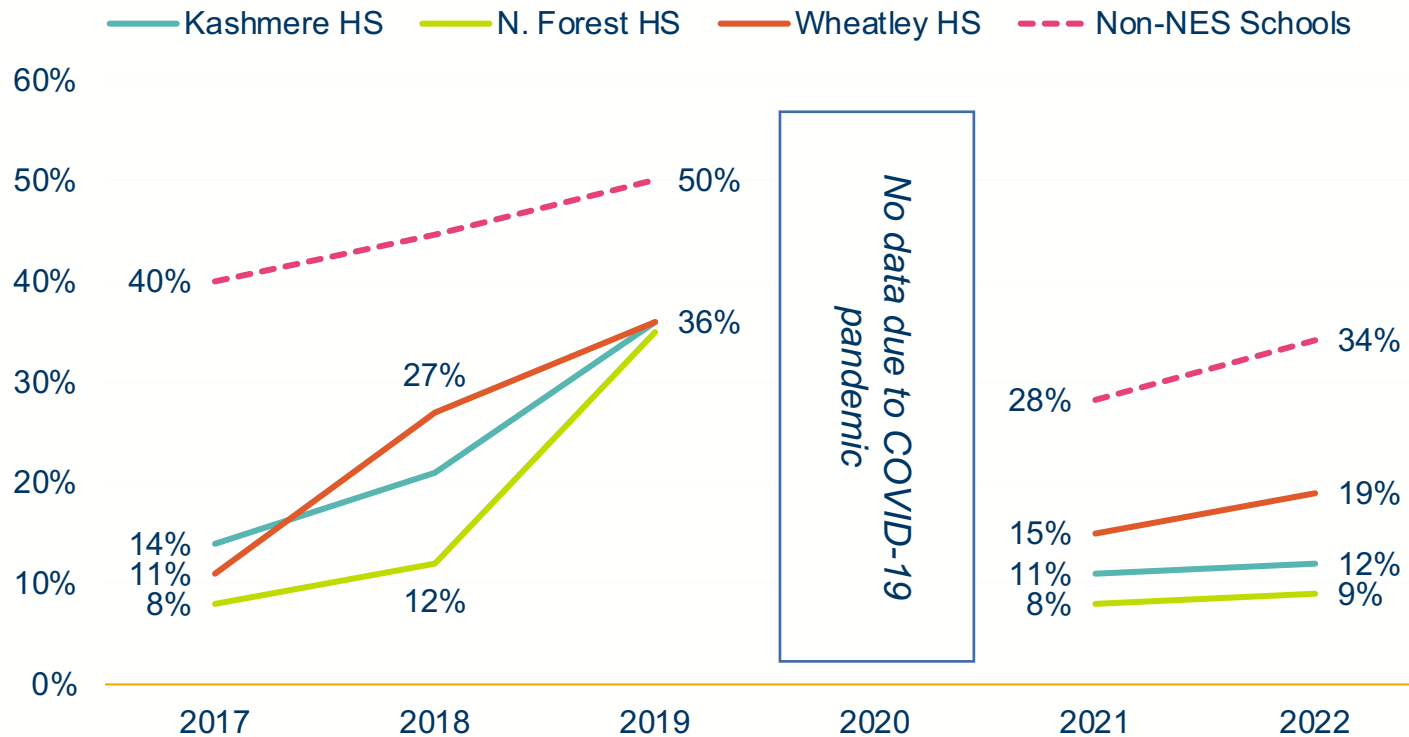
- Kashmere, North Forest, and Wheatley CCMR outcomes have consistently lagged non-NES campuses in Algebra I performance

- COVID-19 disruptions **erased major Algebra I achievement gains from 2017-2019**

- These campuses do not appear to be on track to return to pre-COVID proficiency levels

Source: TEA STAAR "Meets Grade Level" rates, 2017-2022

GOOD REASON HOUSTON

NES High Schools' CCMR Rates Have Steadily Fallen Since 2019

College, Career, and Military Readiness Rates, NES and Non-NES Schools, 2018-2021
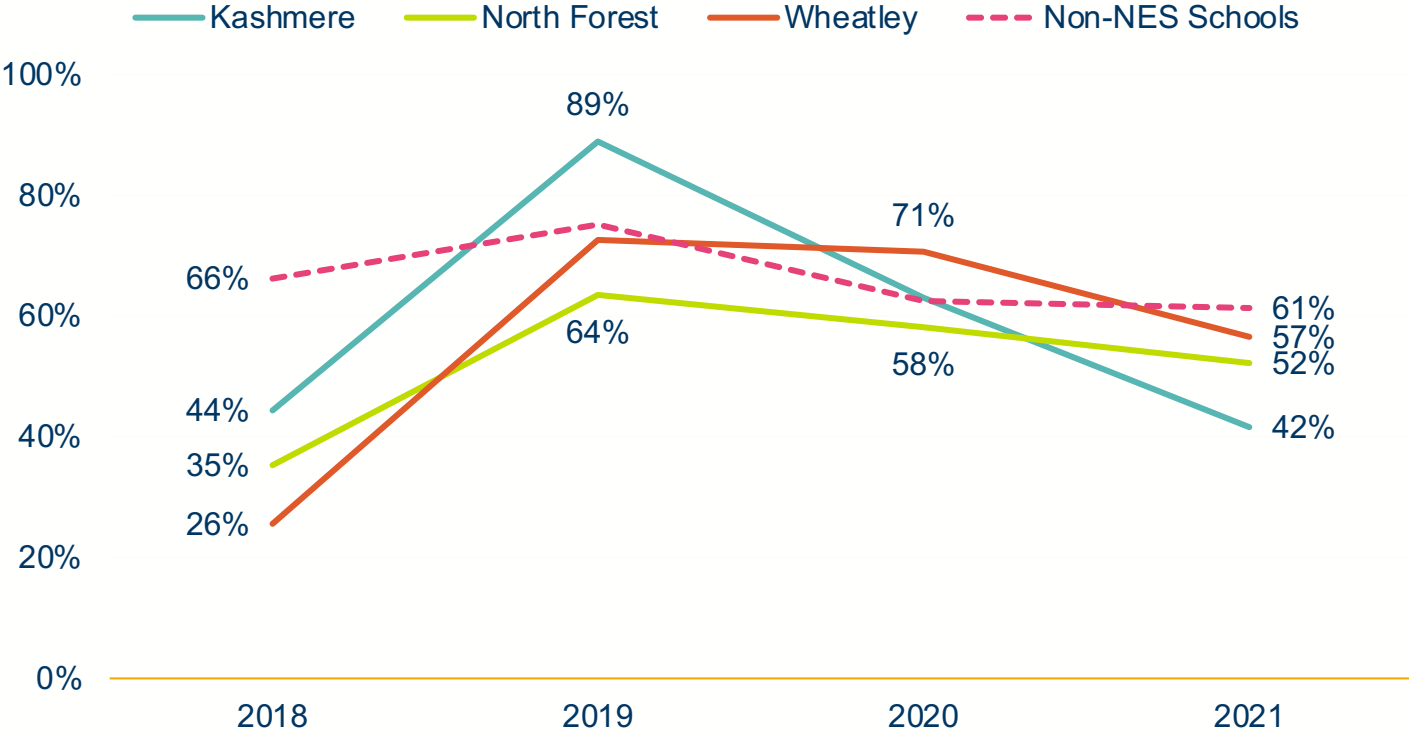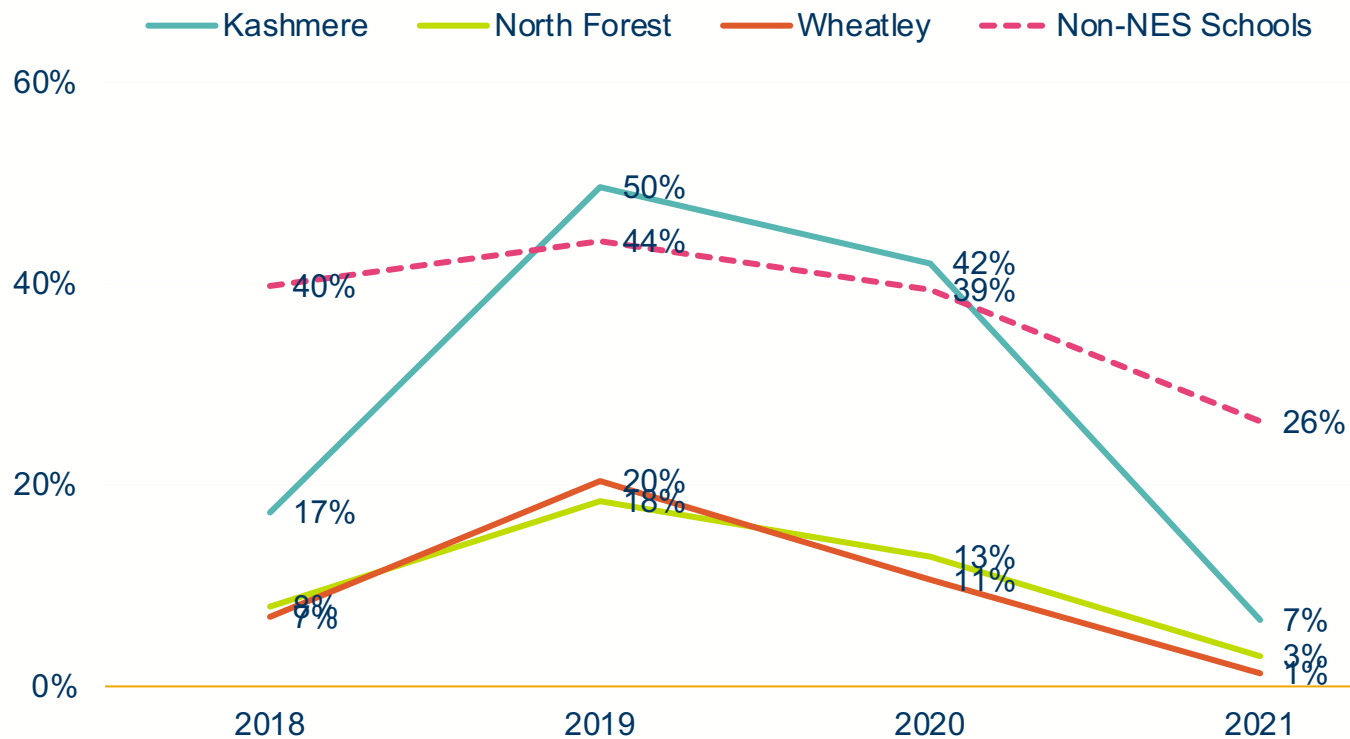

- Kashmere, North Forest, and Wheatley's CCMR outcomes have stayed roughly in line with non-NES rates since 2019

- Dramatic gains in CCMR were made in 2019 due in part to CTE enrollment and military enlistment (*see following slide for deep dive*)

Source: TEA STAAR "Meets Grade Level" rates, 2017-2022

GOOD REASON HOUSTON

Fewer Than 1-in-10 NES High School Graduates Is Considered TSI College Ready

TSI College Readiness Rates[1], NES and non-NES High Schools, 2018-2021

Legend: Kashmere — North Forest — Wheatley — Non-NES Schools

Chart data:

| Year	Kashmere	North Forest	Wheatley	Non-NES Schools
2018	17%	8%	7%	40%
2019	50%	18%	20%	44%
2020	42%	13%	11%	39%
2021	7%	3%	1%	26%

- TSI-readiness rates at NES high schools **were as low as 1% in 2021** (Wheatley HS)

- College readiness at Kashmere HS collapsed post-pandemic by 35pp, in large part due to far fewer students receiving credit for college prep courses

- NES high schools lag the non-NES average **by ~20pp**

(1) TSI College Readiness is defined by the TEA as meeting TSI college readiness standards in both ELA/reading and mathematics in the SAT/ACT or TSIA/TSIA2, or by earning credit for a college prep course in both reading and mathematics.

GOOD REASON HOUSTON

Fewer Than 1-in-3 NES High School Graduates Enrolls in Postsecondary Immediately Following High School

Postsecondary Enrollment Rates, NES and Non-NES High Schools, Fall 2017-Fall 2020

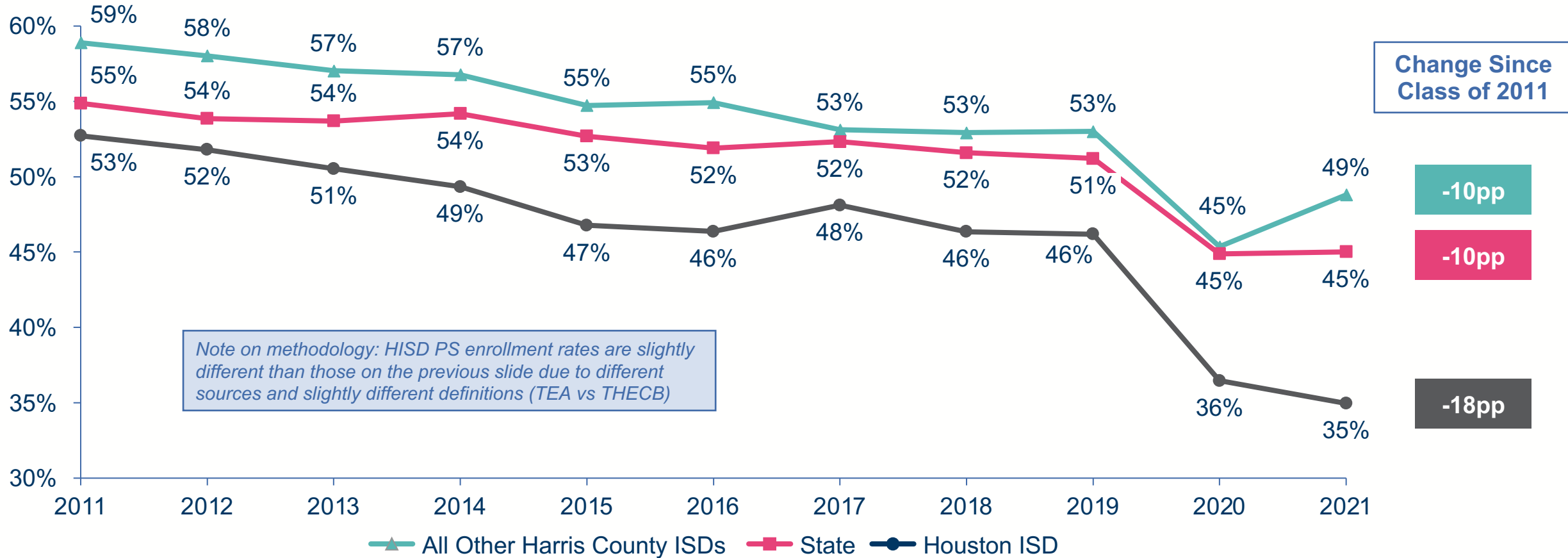Legend: Kashmere, North Forest, Wheatley, Non-NES Schools
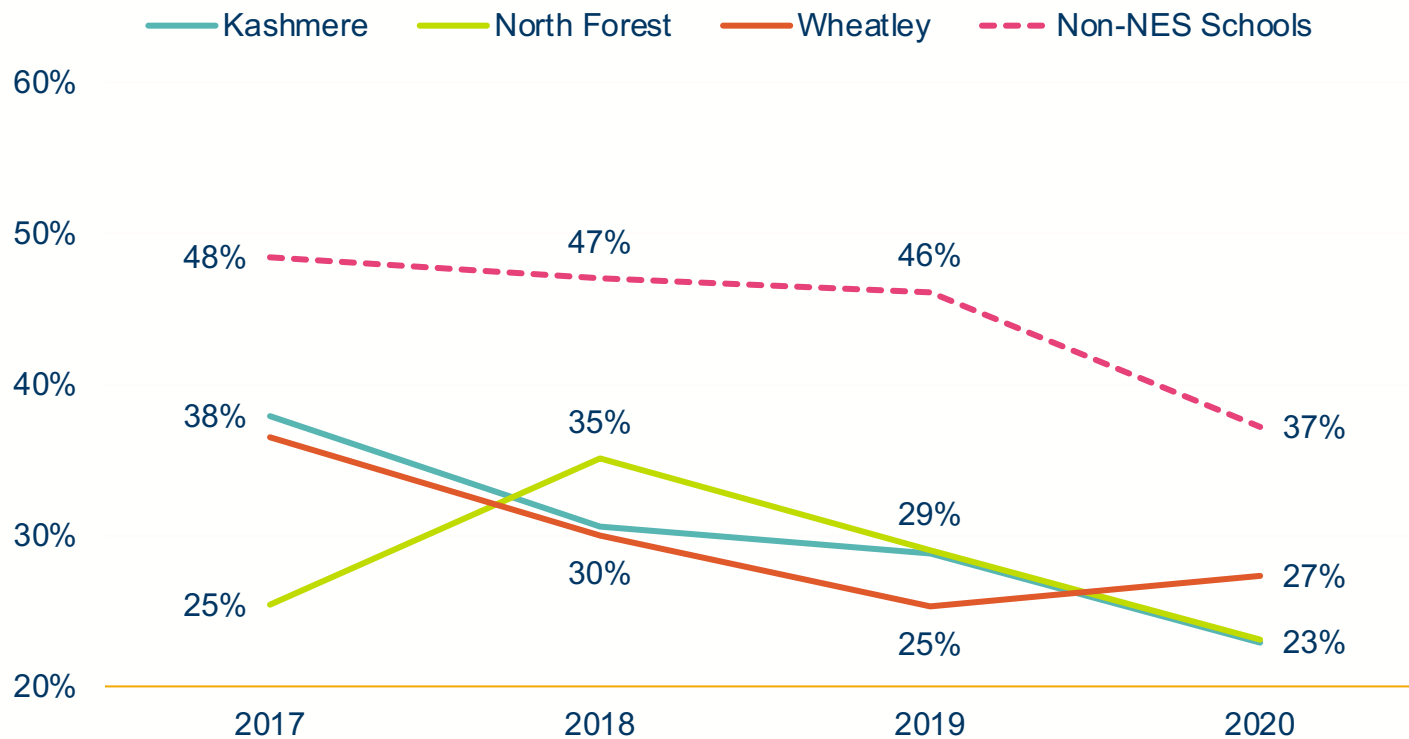
- NES high school students lag students from non-NES schools in postsecondary enrollment **by ~15pp**

- Postsecondary enrollment has been declining – both in NES campuses and across the district – since 2017

GOOD REASON HOUSTON

Houston ISD Has Seen its Postsecondary Enrollment Decline a Substantial 18% Over the Last Decade, Far Outpacing Declines Seen in the Rest of Harris County and the State

Postsecondary Enrollment, Classes of 2011-2021

Change Since Class of 2011

Note on methodology: HISD PS enrollment rates are slightly different than those on the previous slide due to different sources and slightly different definitions (TEA vs THECB)

All Other Harris County ISDs: 59%, 58%, 57%, 57%, 55%, 55%, 53%, 53%, 53%, 45%, 49%
State: 55%, 54%, 54%, 54%, 53%, 52%, 52%, 52%, 51%, 45%, 45%
Houston ISD: 53%, 52%, 51%, 49%, 47%, 46%, 48%, 46%, 46%, 36%, 35%

-10pp
-10pp
-18pp

All Other Harris County ISDs — State — Houston ISD

Sources: THECB, 2012-2022

GOOD REASON HOUSTON