Kansas City Data Summit: Data for Action

Co-hosted by:
Kansas City Action Fund
SchoolSmartKC
Urban Education Research Center (UERC/UMKC)

February 23, 2023

Agenda

- Welcome, Introductions, Outline for Today

- Our Children

- State and System Performance

- KCPES Performance

- Recognitions

- KCPES Discussion

Norms

We hope this is the first of many annual (or bi-annual) Data Summits. We seek to:

- Stay focused on system-wide review, all ~26K students
- Develop understanding, in a balance of urgency and hope for our kids
- Data will be disaggregated when possible

Housekeeping

Live discussion: We will stop several times through for questions and discussion as a group.

Virtual discussion: We are using Thought Exchange for virtual discussion.

Goals Today

1. Educational System Understanding: Where are KCPES students post COVID?

2. Processing: What questions should we be asking here? Of others? What other data or information would you like to see?

3. Action: What is your takeaway? How can philanthropy, advocacy organizations, civic organization, and the city support you and your school(s)?

Terminology

- KCPES = KC Public Education System (district and charter).

- Local Education Agencies (LEAs) = an entire district or charter (21 total in KCPES).

- Missouri Assessment Program (MAP) = the assessments students take to determine grade-level status of a student in grades 3-8.

- End of Course (EOC) Exams = high school assessments students take as part of Missouri's course programs.

- Status = how a student/school/LEA scored on an assessment (level), regardless of where they scored previously.

- Growth or Improvement = the degree to which a student/school/LEA improved from one year to the next, regardless of their level.

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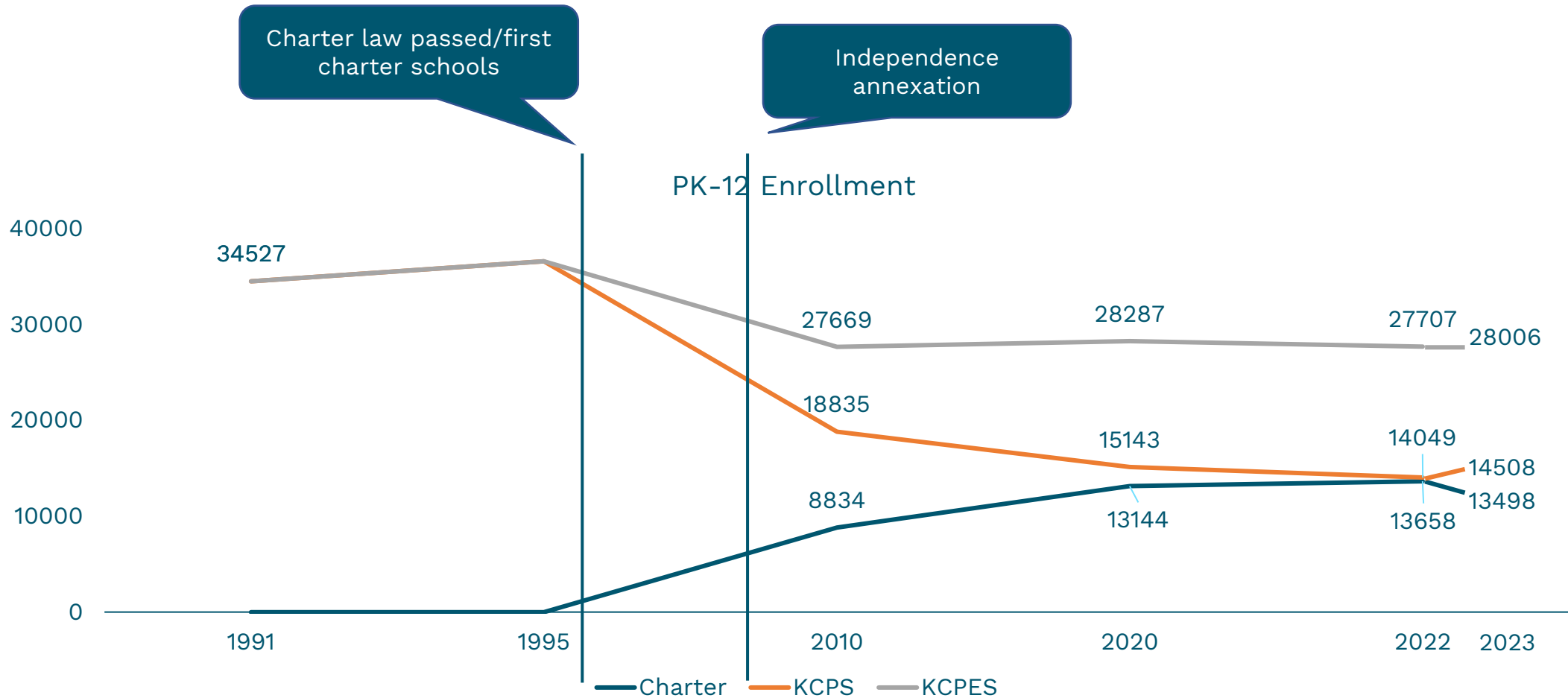
- Recognitions

- KCPES Discussion
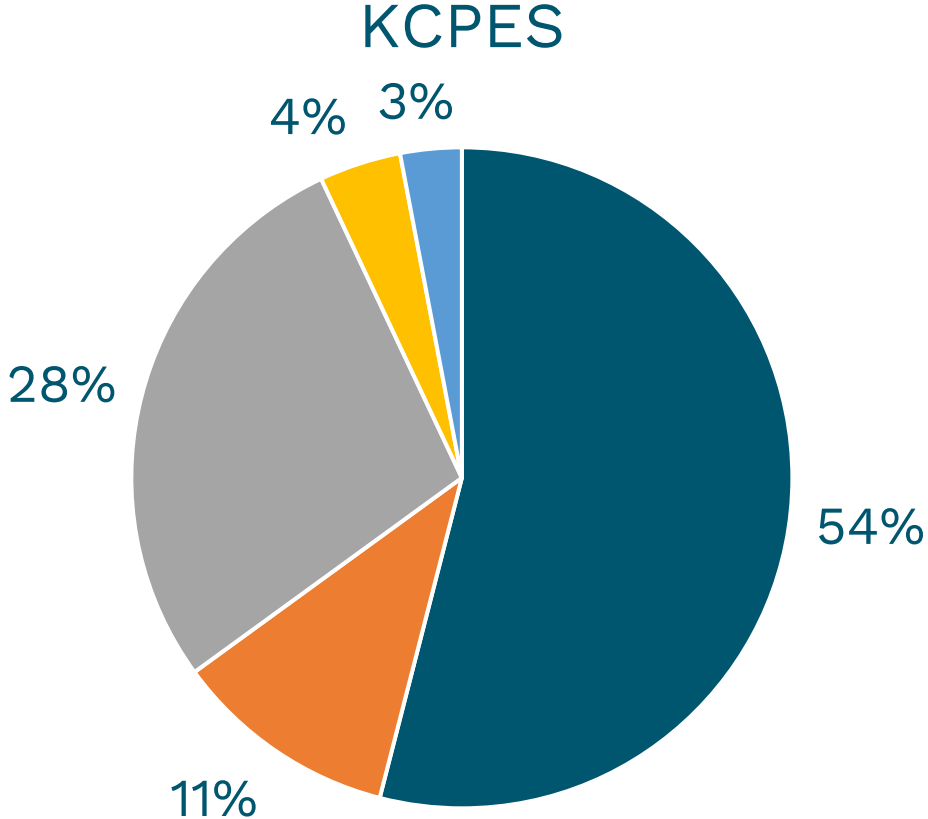
Summary of Findings: Enrollment

1. KCPES enrollment is up 1% in the 2022-23 SY (~300 students).

2. PK: Enrollment is relative unchanged from 2021-22 (1,134 students) to 2022-23 (1,135 students). There were 1,296 PK students in 2018.

3. K-3: Enrollment is slightly up from 2021-22 (8,916) to 2022-23 (8,984). There were 9,651 K-3 students in 2018.

4. Charter and KCPS enrollment remain close to 50/50.

5. Demographically, at the charter and KCPS level, our systems are very comparable, though KCPS has a higher percent of students with disabilities.

Kansas City Today (Enrollment)

Charter law passed/first charter schools

Independence annexation

PK-12 Enrollment

34527

27669   28287   27707   28006

18835

15143   14049   14508

8834   13144   13658   13498

40000

30000

20000

10000

0

1991   1995   2010   2020   2022   2023

— Charter   — KCPS   — KCPES

Kansas City Today (Demographics)

KCPES

Pie chart values: 54% (Black), 11% (White), 28% (LatinX), 4% (Multiracial), 3% (Other)

Legend: ■ Black ■ White ■ LatinX ■ Multiracial ■ Other

In KCPES, 10% of students are students with disabilities (9% in charter schools, 12% in KCPS) and 21% of students are students who are Limited English Proficient (LEP) (20% in charter schools and 22% in KCPS).

Between KCPS and charter schools, the percentage of students who are black and LatinX are nearly identical.

Mobility and Homelessness

6,067 students (nearly ¼ of all students) changed schools in KCPES in 2022 (Mobility).

1,992 students (nearly 10% of all students) were homeless in KCPES in 2022. This is more than double the state average.

Kansas City Today: Parent Satisfaction

27.1%...

....of parents are satisfied with the quality of education system, with only 6% very satisfied.

KANSAS CITY ACTION FUND
Improving Education for All Kids in Kansas City

SCHOOLSMART
KANSAS CITY

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Discussion

What does this data make you think?

What additional data would you like to see to inform you?

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Enrollment / Demographics: What does this data make you think, and what additional data would you like to see?

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Context

- 2022 academic data represents our second year of data post-COVID.

- The 2021 academic data gave a glimpse, however, debate was had regarding the data because schools and LEAs were not accountable for test scores in 2021, as the goal was to ensure students tested for informational purposes but not to penalize due COVID.

- The stage is with the inclusion of NAEP – the National Assessment of Educational Progress – which students take, in a representative sample, around the country.

Long-term Trends: NAEP (G4 Reading)

Missouri's performance on NAEP remained largely steady (or modestly increased) from 2007 to 2017, and has declined since. This decline has been at a pace more quick than the rest of the country, with Missouri losing ground to other states.

Missouri NAEP Proficiency: G4 Reading, 2007-2022

Legend:
- Total Proficiency (blue)
- White Proficiency (red)
- Black Proficiency (yellow)
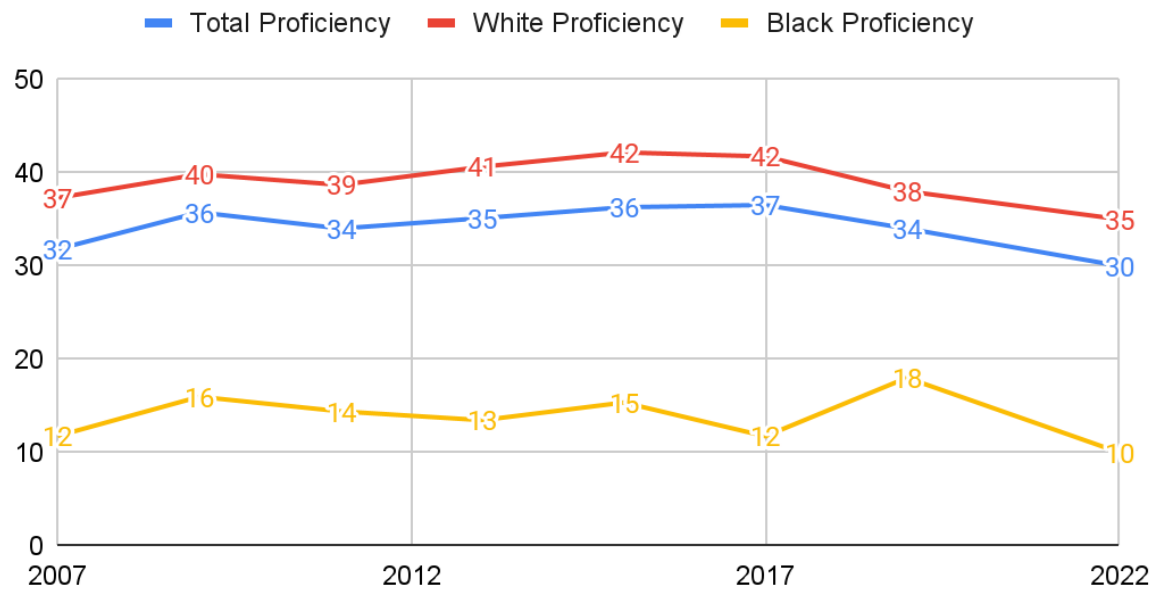
Percent of Students Proficient (4th Reading)				
	2009 State Ranking	2019 State Ranking	2022 State Ranking	2009 to 2022 Change in Rank
Black Students	22 of 46	16 of 41	37 of 40	-15
White Students	21 of 51	40 of 51	40 of 51	-19

Long-term Trends: NAEP (G4 Math)

Missouri's Black/white performance gap in 4th grade Math has remained **essentially unchanged since 2007**. Missouri's Black/white performance gap oscillates between the mid-teens and mid-twenties in national comparison.

Missouri NAEP Proficiency: G4 Math, 2007-2022
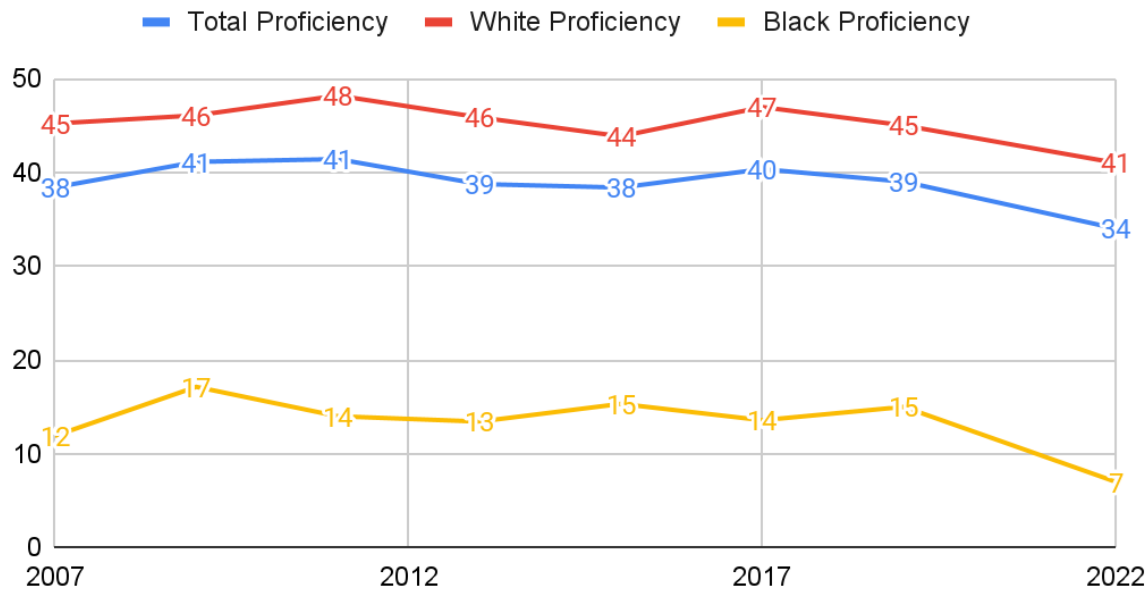
	Percent of Students Proficient (4th Math)			
	2009 State Ranking	2019 State Ranking	2022 State Ranking	2009 to 2022 Change in Rank
Black Students	18 of 45	32 of 43	38 of 40	-20
White Students	33 of 51	40 of 51	38 of 51	-5

2022 STATE PERFORMANCE: ELA

% Proficient and Advanced (ELA)

■ 2018 ■ 2019 ■ 2021 ■ 2022

Grade	2018	2019	2021	2022
Grade 3	49%	49%	42%	41%
Grade 4	50%	49%	49%	44%
Grade 5	48%	47%	42%	44%
Grade 6	48%	46%	43%	39%
Grade 7	44%	44%	41%	38%
Grade 8	49%	47%	46%	42%
English I	62%	60%	62%	62%
English II	57%	59%	55%	54%
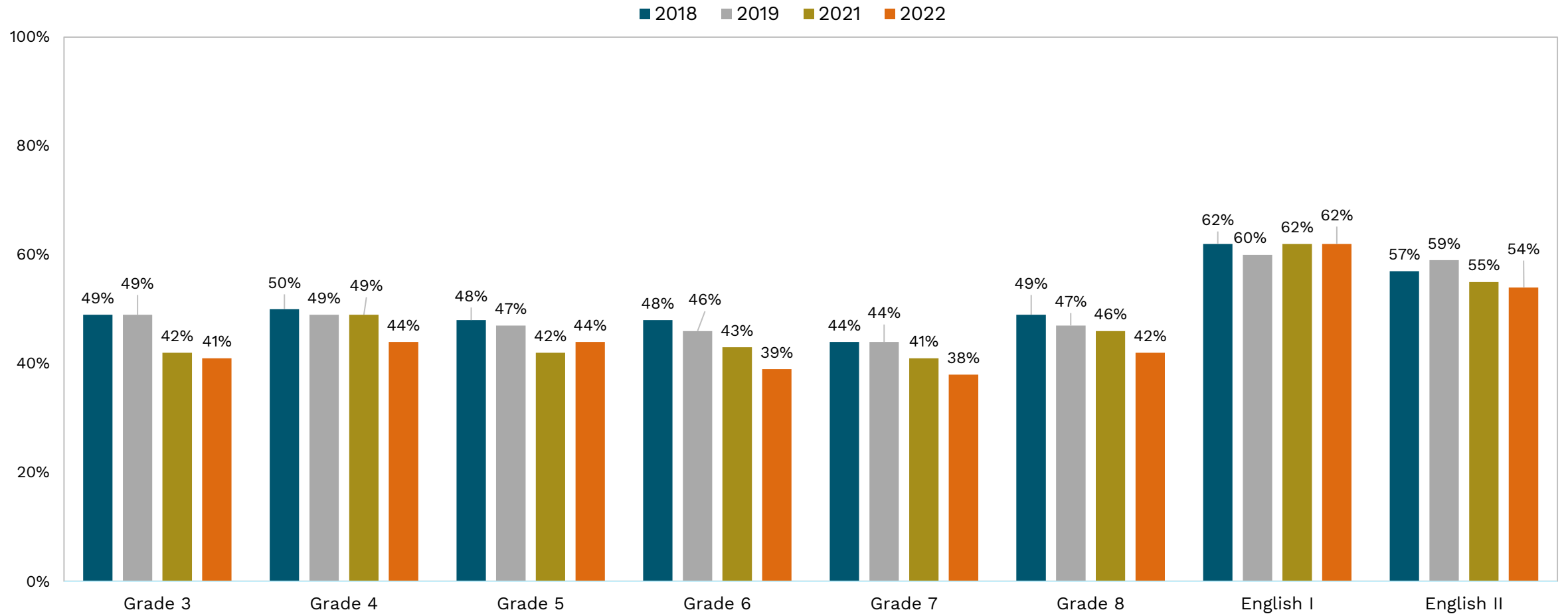
2022 STATE PERFORMANCE: MATH

% Proficient and Advanced (Math)

■ 2018 ■ 2019 ■ 2021 ■ 2022

	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Algebra I	Geometry	Algebra II
2018	47%	46%	41%	41%	38%	30%	47%	47%	48%
2019	46%	47%	40%	43%	38%	29%	45%	46%	50%
2021	37%	40%	33%	38%	34%	27%	36%	43%	44%
2022	40%	43%	36%	41%	37%	32%	42%	49%	49%
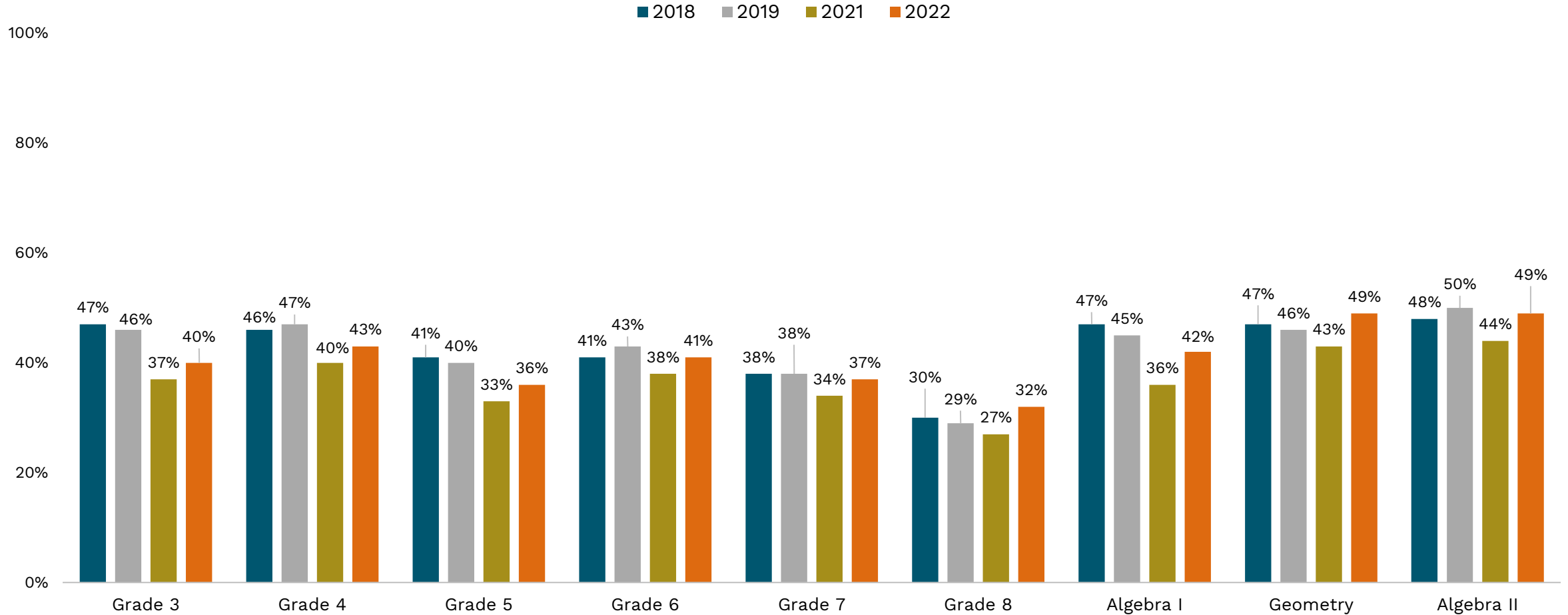
2022 STATE: RACE/ETHNICITY

Proficient + Advanced (race/ethnicity) for All Subjects (including science)

Legend: 2018 (teal), 2019 (gray), 2021 (olive), 2022 (orange)

Race/Ethnicity	2018	2019	2021	2022
American Indian or Alaska Native	43%	40%	36%	36%
Asian/Pacific Islander	64%	62%	56%	57%
Black (not Hispanic)	22%	21%	15%	17%
Hispanic/Latinx	36%	35%	30%	31%
Multiracial	44%	43%	37%	38%
White (not Hispanic)	51%	50%	46%	46%
All Students	46%	45%	40%	41%
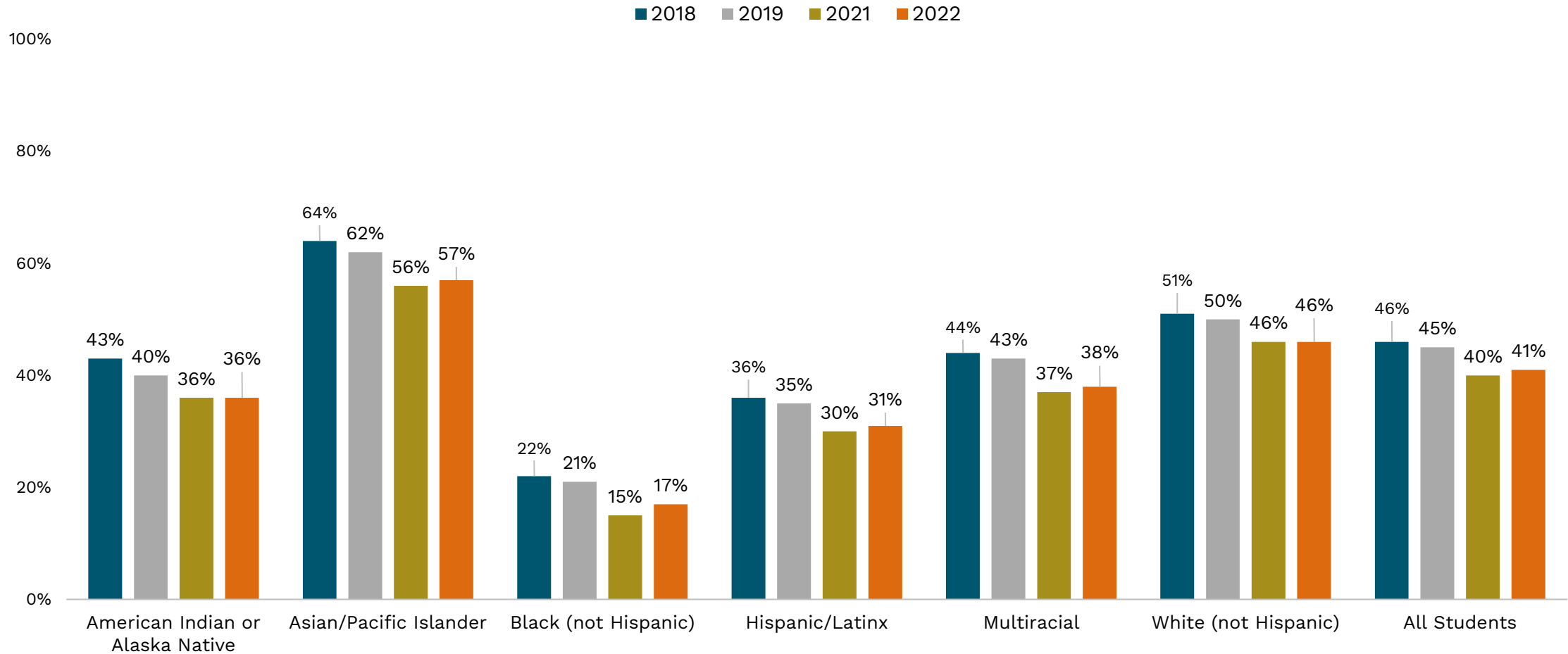
2022 STATE: BY INCOME

Proficient and Advanced (all subjects, by income)

■ FRL   ■ Non FRL   ■ All Students
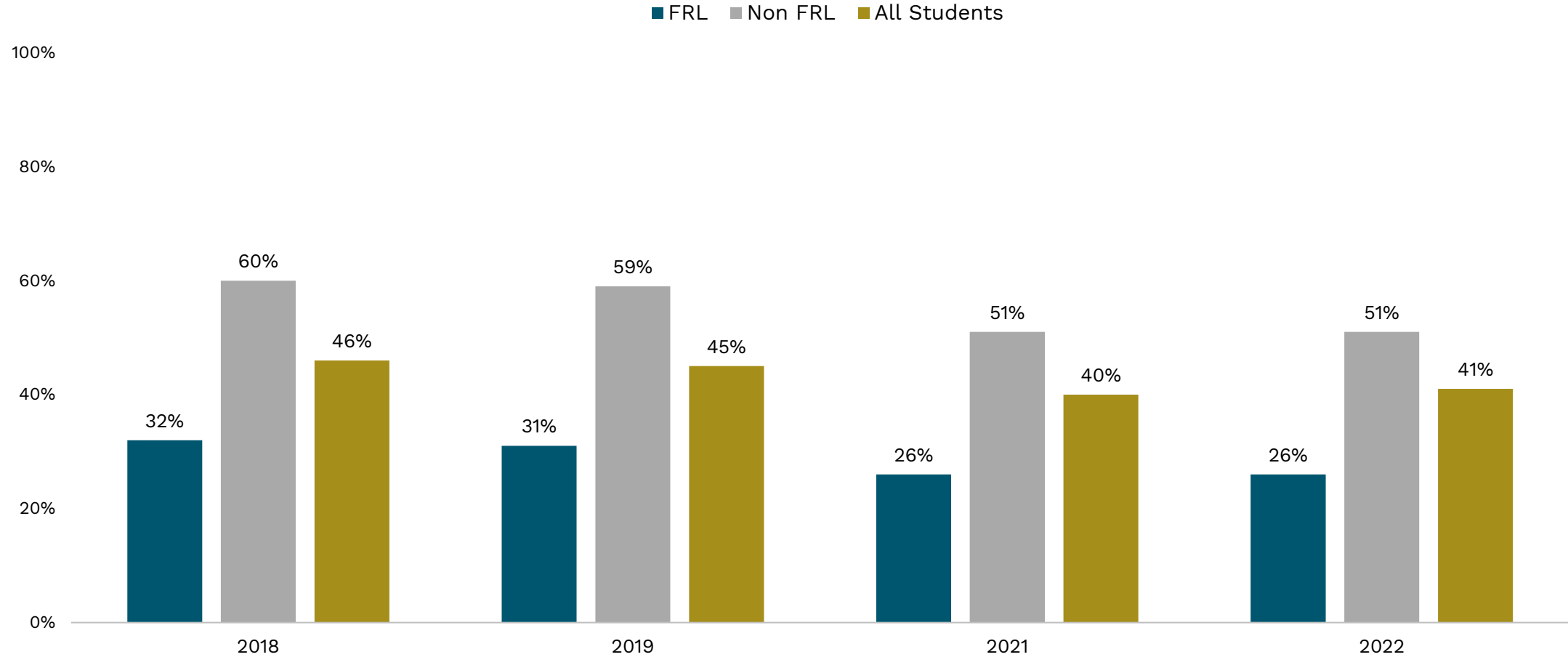
STATE PERFORMANCE

Proficient and Advanced (all subjects, by ELL)

■ English Language Learners ■ Non ELL ■ All Students
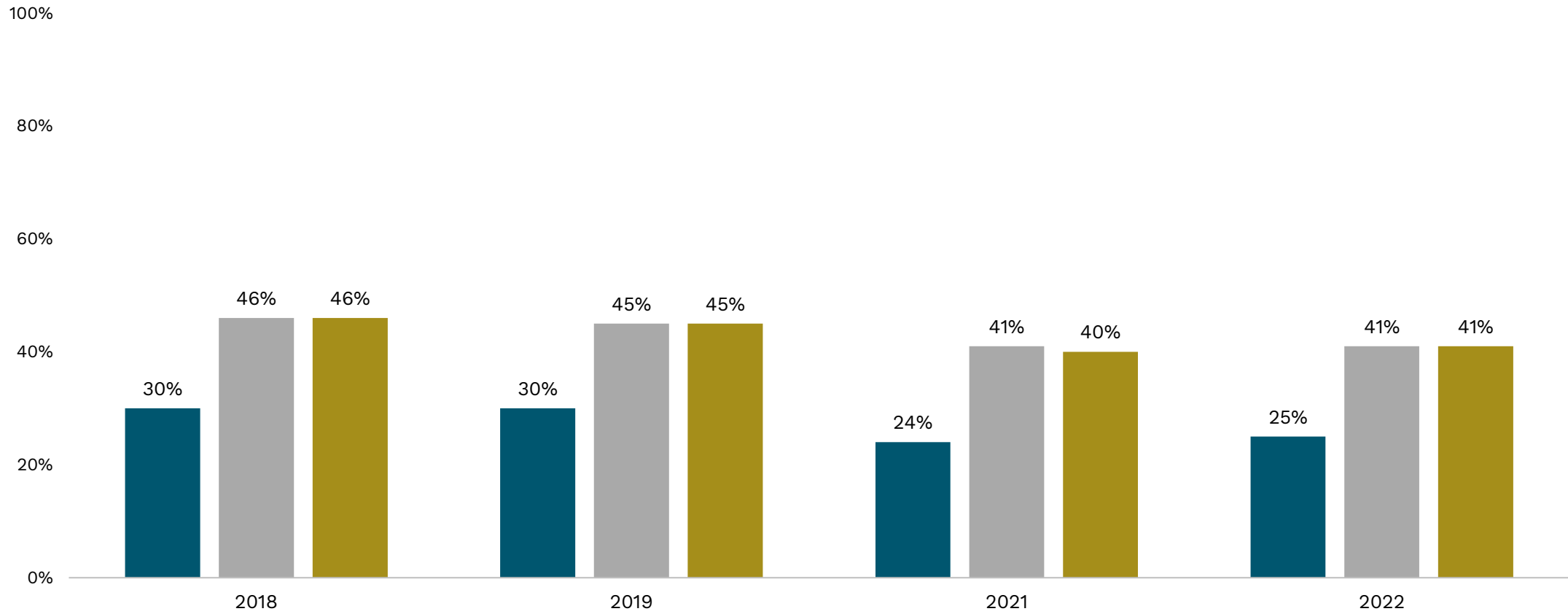
Discussion

What does this data make you think?

What additional data would you like to see to inform you?

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460-259-953

State & System Data: What does this data make you think, and what additional data would you like to see?

A Call to Action

➢For students who are black: there is not one school district/charter school in the state where the percentage of kids proficient/advanced is over 50% in any subject. The statewide average for all subjects is 17%.

➢For students who are LatinX: there are 17 school districts/charter schools in the state where the percentage of kids proficient/advanced is over 50% in any subject. The statewide average for all subjects is 31%.

➢For students who are low income: there are 4 school districts/charter schools in the state where the percentage of kids proficient/advanced is over 50% in any subject. The statewide average for all subjects is 41%.

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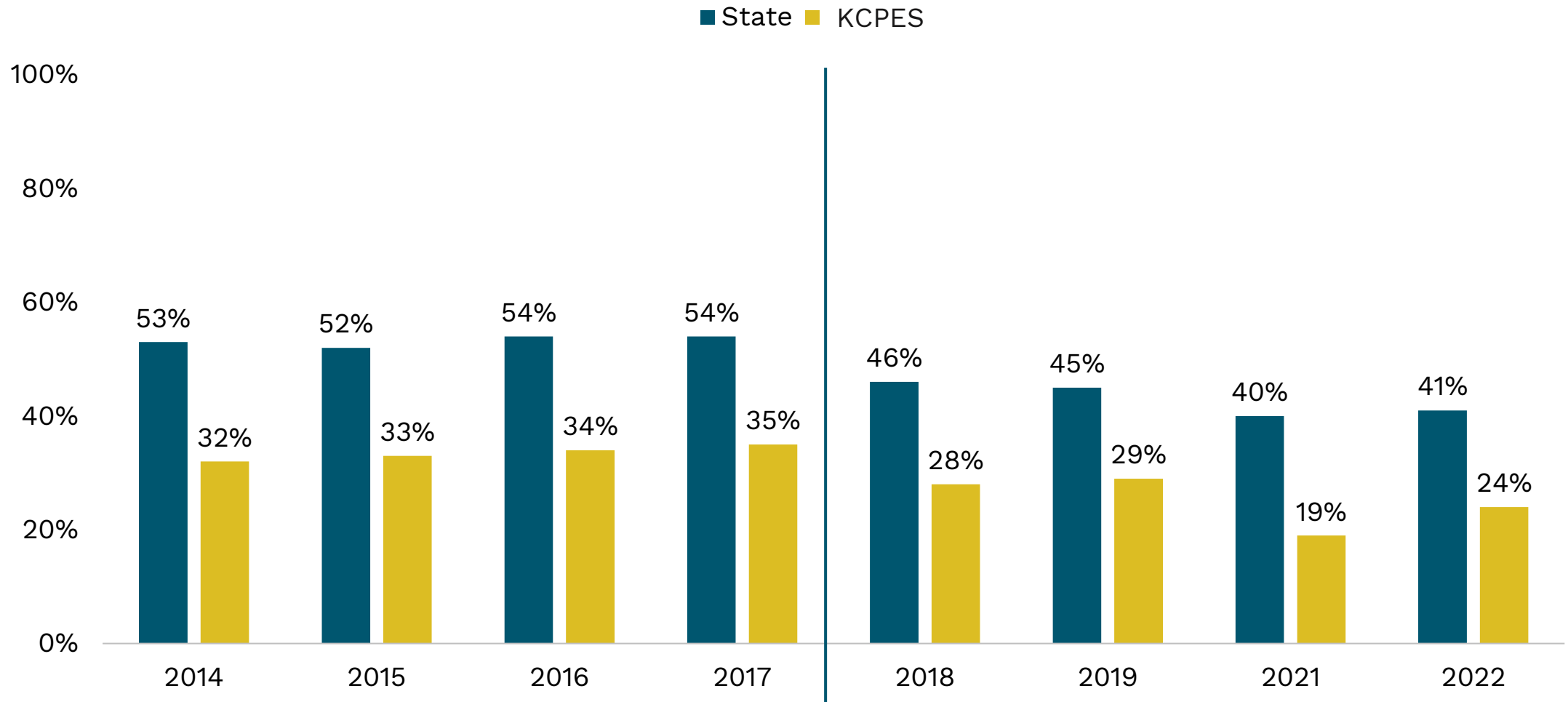
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Summary of Findings: Performance

Celebrations, Hope, and Urgency

1. Students in KCPES had a "bounce back" from 2021 to 2022, after a steep COVID loss. Students "gained back" about 50% of the decline from 2019 to 2021 in 2021 to 2022.

2. Across race/ethnicity, the "bounce back" holds in a similar manner, with all racial/ethnic groups seeing similar rates of improvement.

3. Relative to surrounding districts and counties, KCPES improved more.

4. Concerningly, the data suggests that our youngest learners are still declining or not improving, suggesting that the impact of COVID on students PK-3 is lingering.

KCPES Performance (All Grades)

Legend: ■ State ■ KCPES

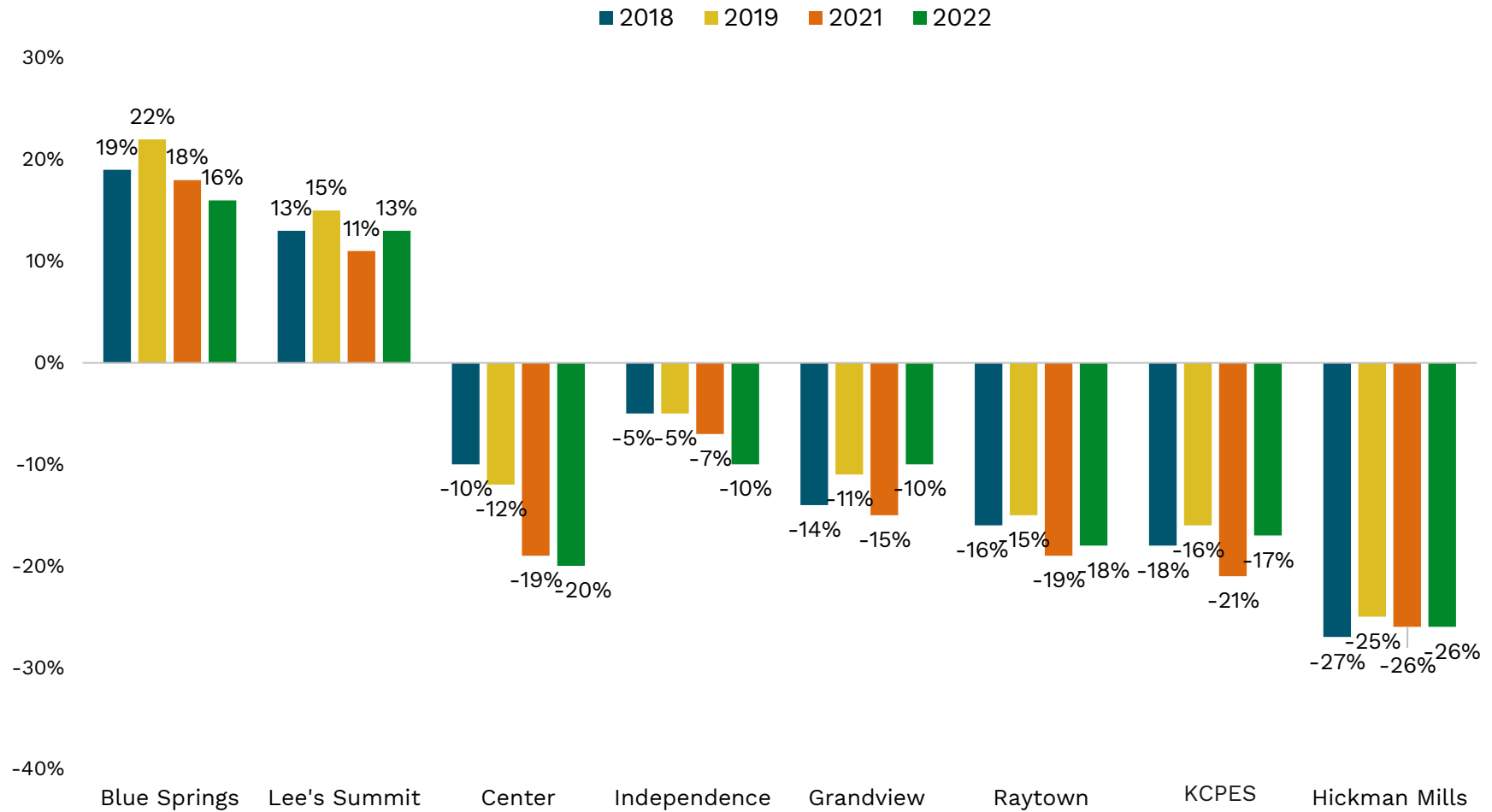| Year	State	KCPES
2014	53%	32%
2015	52%	33%
2016	54%	34%
2017	54%	35%
2018	46%	28%
2019	45%	29%
2021	40%	19%
2022	41%	24%

*ELA and Math Combined Proficiency Rates
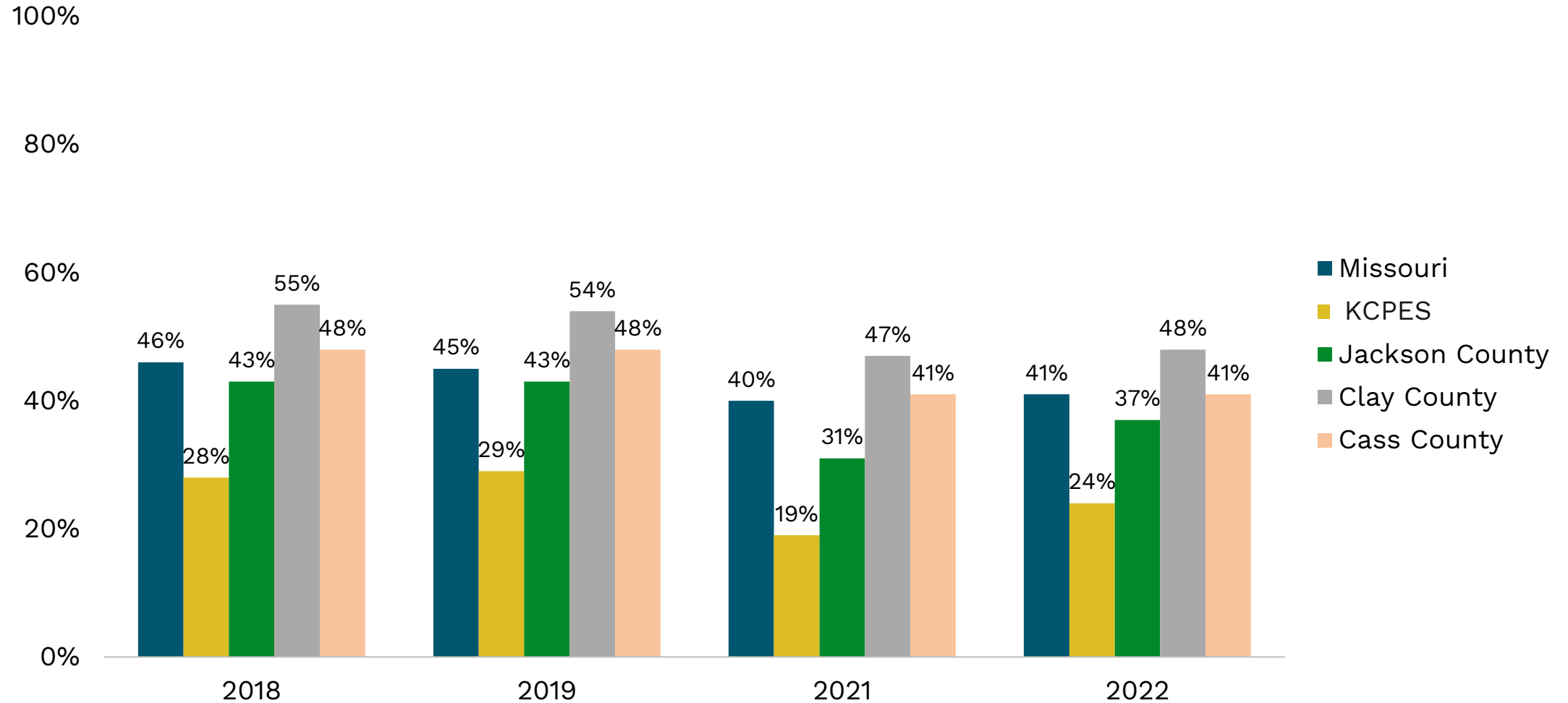
KC Metro Performance

Relative to surrounding districts in the state of Missouri, KCPES' performance is similar to Center and Raytown. Grandview and KCPES showed the most growth in 2022.

Note: the "0%" line represents the State of Missouri.

Legend: ■ 2018 ■ 2019 ■ 2021 ■ 2022

Blue Springs: 19%, 22%, 18%, 16%
Lee's Summit: 13%, 15%, 11%, 13%
Center: -10%, -12%, -19%, -20%
Independence: -5%, -5%, -7%, -10%
Grandview: -14%, -11%, -15%, -10%
Raytown: -16%, -15%, -19%, -18%
KCPES: -18%, -16%, -21%, -17%
Hickman Mills: -27%, -25%, -26%, -26%

*ELA and Math Combined Proficiency Rates

ELA Performance

Bar chart comparing Missouri and KCPES ELA Performance by year.

Year	Missouri	KCPES
2018	49%	30%
2019	49%	30%
2021	45%	25%
2022	43%	27%
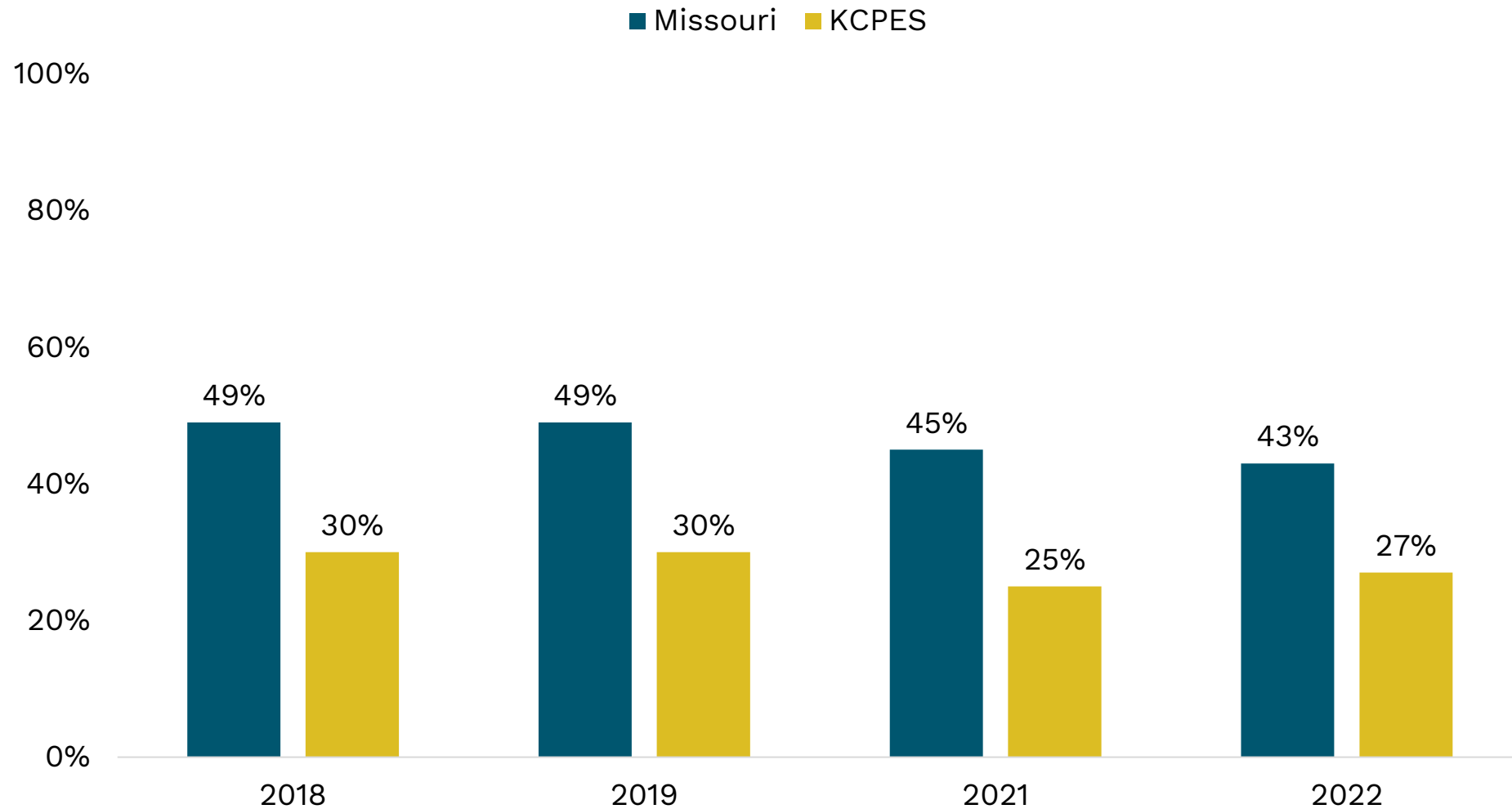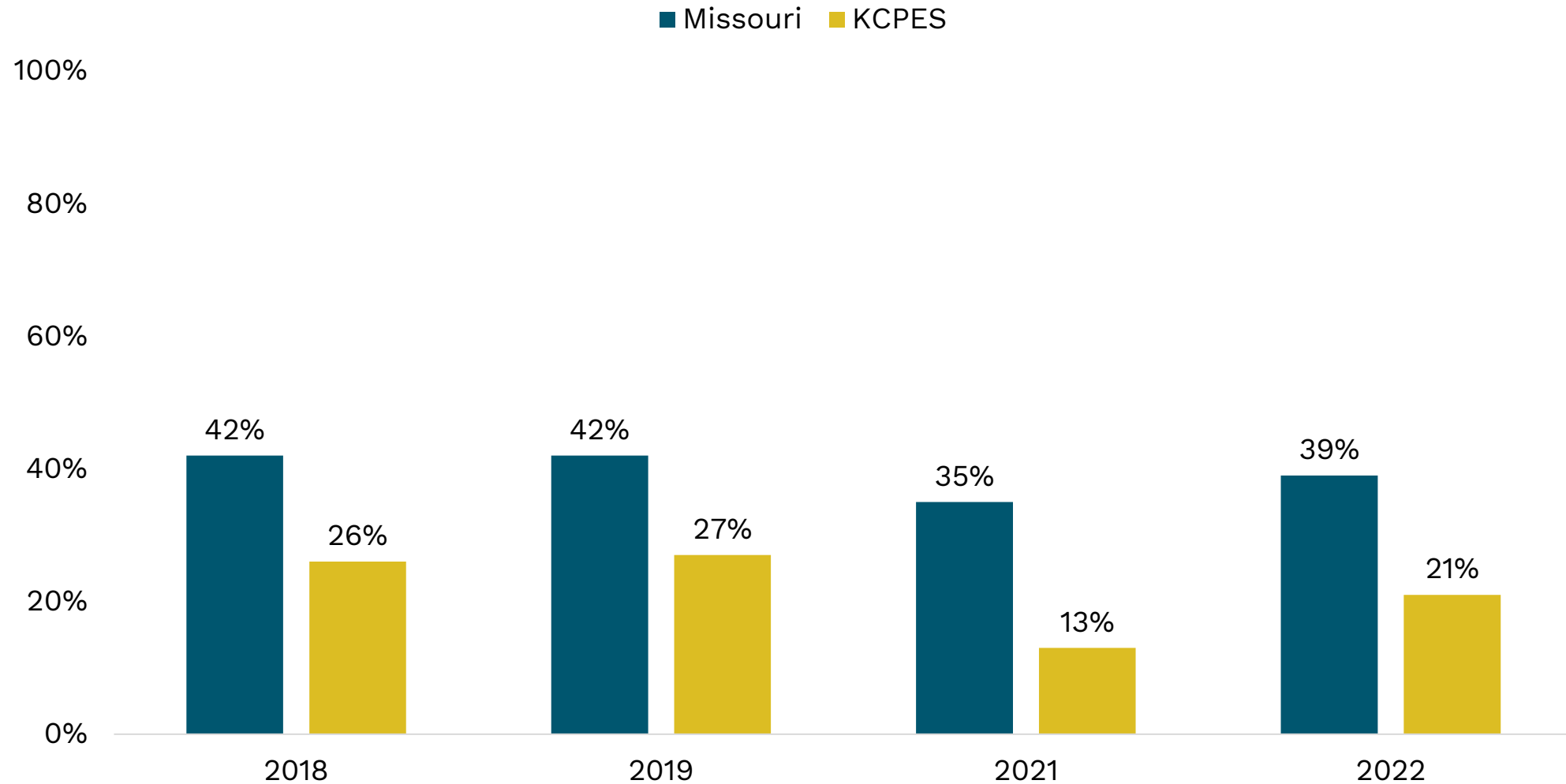
Math Performance

Performance: KCPES Race/Ethnicity

Legend: State | All Students | White | Black | LatinX

Data points:
- State: 53% (2010), 52% (2015), 45% (2019), 40% (2021), 41% (2022)
- White: 47% (2010), 58% (2015), 60% (2019), 47% (2021), 54% (2022)
- All Students: 31% (2010), 36% (2015), 29% (2019), 19% (2021), 24% (2022)
- LatinX: 31% (2010), 36% (2015), 27% (2019), 18% (2021), 23% (2022)
- Black: 26% (2010), 27% (2015), 22% (2019), 13% (2021), 17% (2022)

Years: 2010, 2015, 2019, 2021, 2022

ACT

Legend: ■ Missouri ■ KCPES

Year	Missouri	KCPES
2014	21.4	17.2
2015	21.4	16.9
2016	20.0	16.5
2017	20.2	16.8
2018	19.9	16.7
2019	20.8	16.5
2020	20.7	16.7
2021	20.9	16.2
2022	20.3	16.4

*Average composite ACT score

Graduation Rate

	2015	2018	2019	2021	2022
State	88%	89%	90%	91%	91%
KCPES	69%	74%	75%	78%	75%

■ State ■ KCPES
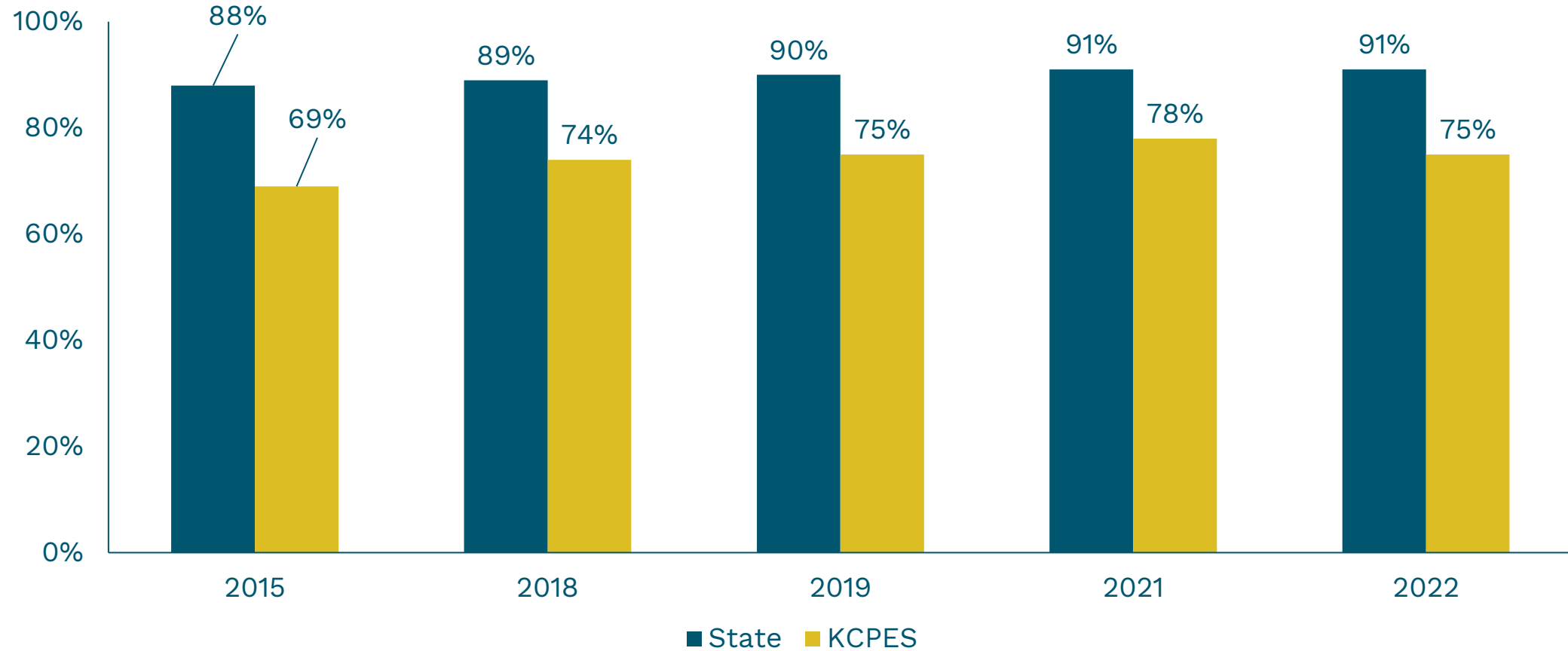
3rd Grade Reading Proficiency

➢There are 2,174 students in grade 3 in KCPES who tested

➢20% of KCPES students are proficient or advanced in reading in grade 3
  o Statewide this rate is 41%
  o 14% proficiency for students who are black
  o 20% proficiency for students who are LatinX

➢Of the 2,174:
  o 427 were proficient or advanced in reading (compared to just under 400 in 2021)
  o 165 of the 427 are black
  o 98 of the 427 are Hispanic/LatinX

➢ Of the 2,174: 1,189 scored below basic (over 50%)
  o Below basic is equivalent to at least 1 or more grade levels behind.

Discussion

What does this data make you think?

What additional data would you like to see to inform you?

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487-894-826

KC Metro Data: What does this data make you think, and what additional data would you like to see?

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LEA Performance: Top 5 Status

Distance to the State (ELA and Math Combined)				
LEA	2019	2021	2022	2021 to 2022 Percent Change
ACADEMIE LAFAYETTE	+24%	+8%	+15%	7%
SCUOLA VITA NUOVA	-7%	-7%	-8%	-1%
FRONTIER SCHOOLS	-11%	-21%	-9%	12%
EWING MARION KAUFFMAN SCHOOL	3%	-21%	-10%	11%
UNIVERSITY ACADEMY	2%	-14%	-12%	2%

LEA Performance: Top 5 Growth

Distance to the State (ELA and Math Combined)				
LEA	2019	2021	2022	2021 to 2022 Percent Change
FRONTIER SCHOOLS	-11%	-21%	-9%	12%
KANSAS CITY GIRLS PREP ACADEMY	n/a	-32%	-20%	12%
EWING MARION KAUFFMAN SCHOOL	3%	-21%	-10%	11%
BROOKSIDE CHARTER SCH.	-12%	-26%	-17%	9%
KC INTERNATIONAL ACADEMY	-26%	-29%	-20%	9%

KCPS School Performance: Top 5 Status

Distance to the State (ELA and Math Combined)				
School	2019	2021	2022	2021 to 2022 Percent Change
LINCOLN MIDDLE	+30%	+16%	+12%	-4%
LINCOLN PREP (HS)	+24%	+13%	+11%	-2%
HALE COOK ES	+2%	+1%	+10%	9%
BORDER STAR	+7%	+2%	+2%	---
PITCHER ES	-4%	-23%	-6%	17%

KCPS School Performance: Top 5 Growth

Distance to the State (ELA and Math Combined)				
School	2019	2021	2022	2021 to 2022 Percent Change
PITCHER ES	-4%	-23%	-6%	17%
JAMES ES	-13%	-33%	-24%	9%
PHILLIPS ES	-19%	-27	-20%	7%
TRAILWOODS ES	-29%	-27%	-21%	6%
GLADSTONE ES	-19%	-19%	-14%	5%

Top 5 Growth: Students who are Black

Distance to the State for Students who are Black (ELA and Math Combined)				
LEA/School	2019	2021	2022	2021 to 2022 Percent Change
GLADSTONE ELEMENTARY	-11%	-14%	-5%	9%
KAUFFMAN SCHOOL	+25%	+1%	+9%	8%
JOHN T. HARTMAN	+17%	-5%	+3%	8%
BROOKSIDE CHARTER	0%	-2%	+5%	7%
KCGPA	n/a	-8%	-2%	6%

Top 5 Growth: Students who are LatinX

Distance to the State for Students who are LatinX (ELA and Math Combined)				
LEA/School	2019	2021	2022	2021 to 2022 Percent Change
PITCHER ELEMENTARY	+17%	-5%	+16%	21%
KAUFFMAN SCHOOL	+19%	-3%	+15%	18%
FRONTIER	-3%	-12%	0%	14%
JAMES ELEMENTARY	-2%	-24%	-12%	12%
CARVER DUAL LANGUAGE	-8%	-17%	-8%	9%

Discussion

What does this data make you think?

What additional data would you like to see to inform you?

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Top Growth & Top Performance Data: What does this data make you think, and what additional data would you like to see?
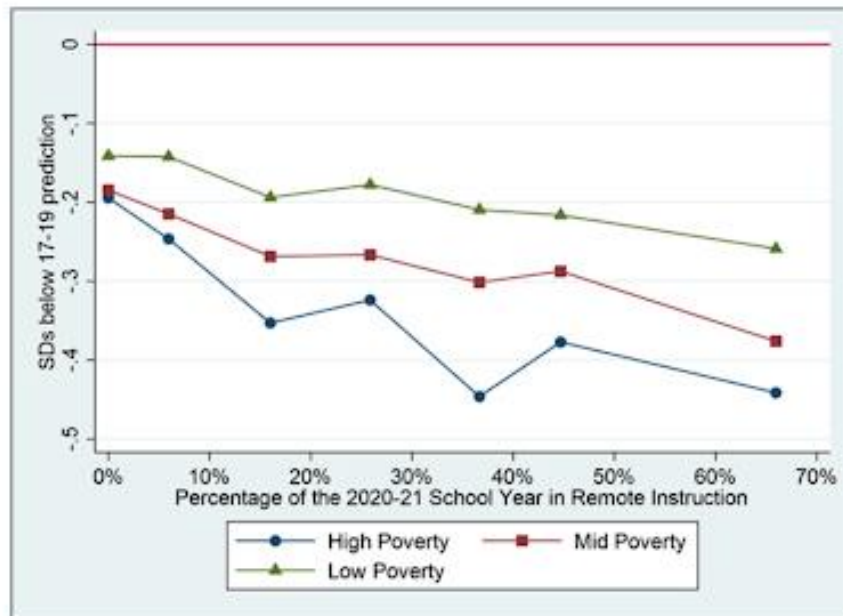
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An Example: City Investment in High-Dose Tutoring

Figure 2. Pandemic Achievement Effects by Remote Schooling and School Poverty, Math

Source: The Consequences of Remote and Hybrid Instruction During the Pandemic. 2022. Goldhaber, D., Kane, T.J., McEachin, A., Morton, E., Patterson, T., and Staiger, D.

"In a review of the pre-pandemic research, tutoring has been found to generate a gain of about .38 standard deviations. Well, you could provide a tutor to every single student in a high-poverty school that was remote for half the year and *still* not close the gap. You could get close, but you wouldn't close that gap. You we know that districts are never going to be able to hire enough tutors to provide one to every student in a high-poverty school, let alone deliver that tutoring at the level of quality as these program evaluated in the research.

We can't be thinking of this as a one-year catch-up. If we are really committed to making students whole and eliminating these losses, it's going to be multiple years."

- Tom Kane, Harvard, Center for Education Policy Research

Charlotte-Mecklenberg, Indianapolis, and Dallas ISD, for example, all invested in city-wide high-dose tutoring programs.

Takeaways & Wonderings

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510-223-303

Takeaways? Wonderings? What else would you like to know?

What are your takeaways?

What are your wonderings?

What else would you like to know?

A Call to Action

What actions do you need philanthropy, civic, government leaders to be taking to support you and students?

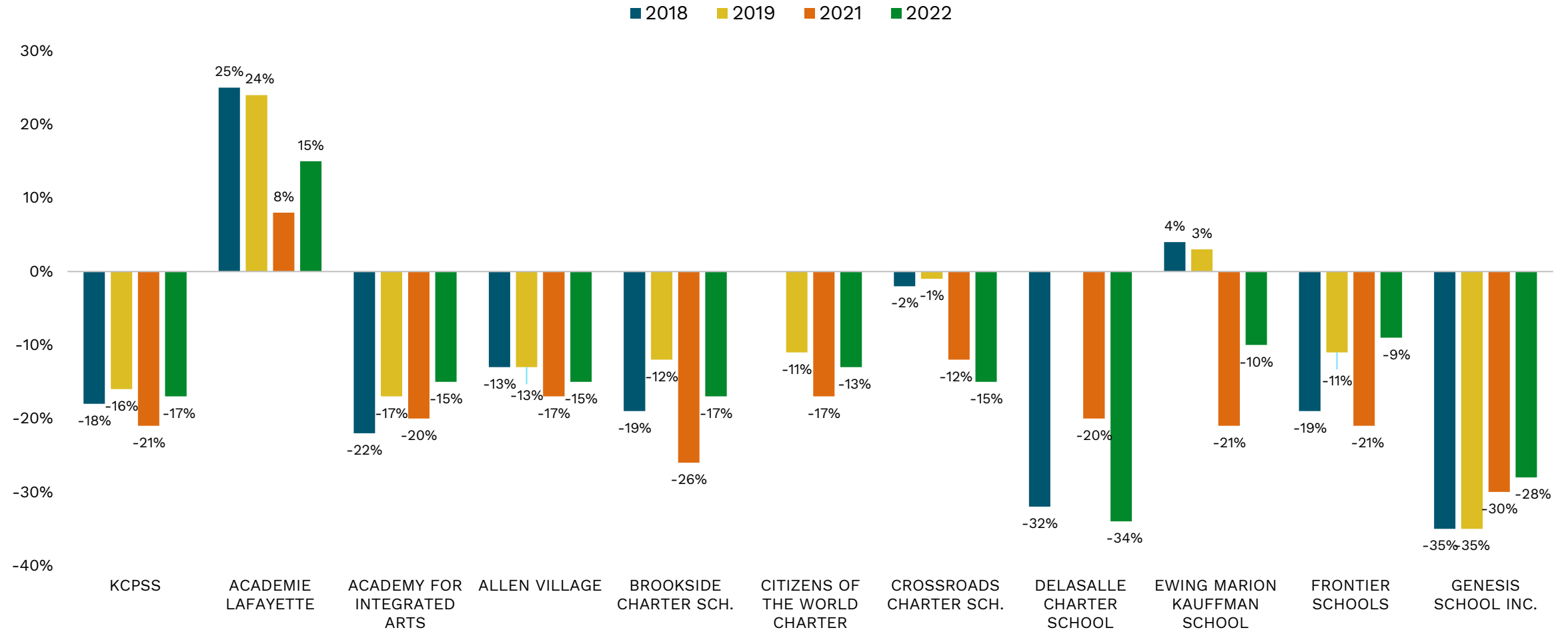**What actions are you reflecting on for your own organization?**

Kansas City Data Summit: Data for Action
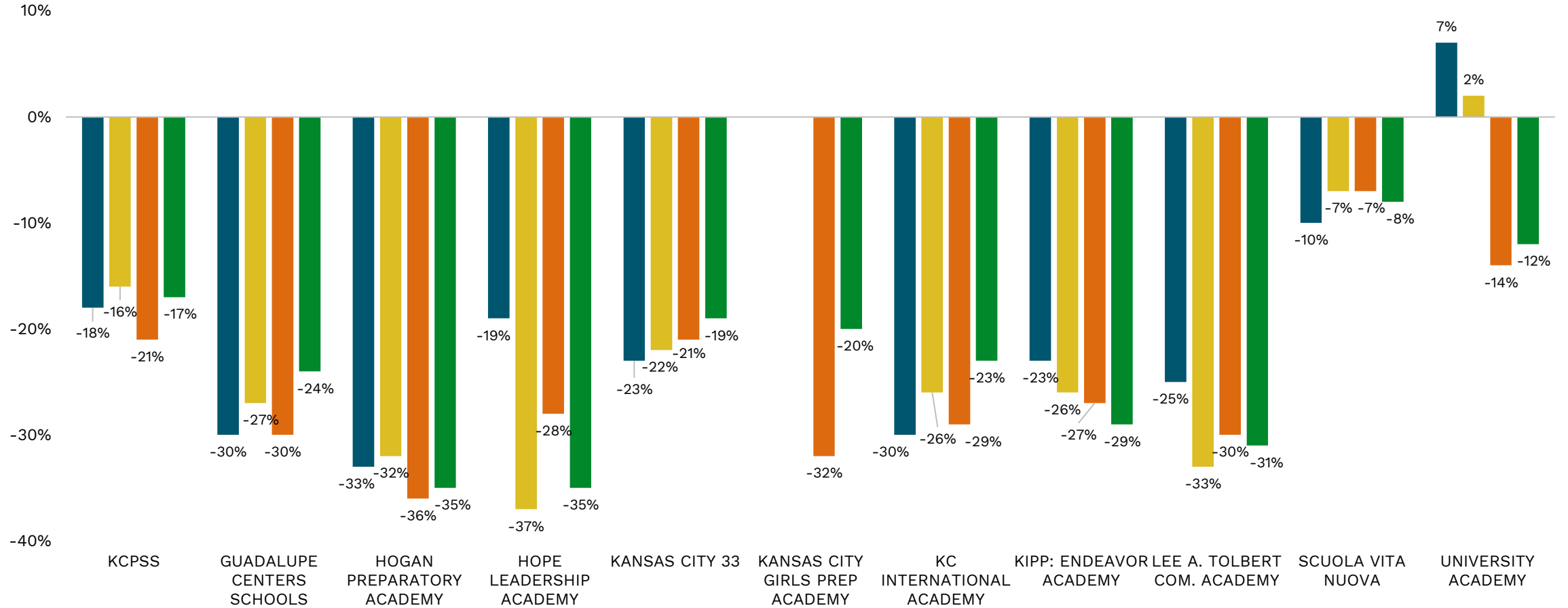
Appendix Slides

February 23, 2023

LEA Performance

Legend: 2018, 2019, 2021, 2022

LEA	2018	2019	2021	2022
KCPSS	-18%	-16%	-21%	-17%
ACADEMIE LAFAYETTE	25%	24%	8%	15%
ACADEMY FOR INTEGRATED ARTS	-22%	-17%	-20%	-15%
ALLEN VILLAGE	-13%	-13%	-17%	-15%
BROOKSIDE CHARTER SCH.	-19%	-12%	-26%	-17%
CITIZENS OF THE WORLD CHARTER	-11%		-17%	-13%
CROSSROADS CHARTER SCH.	-2%	-1%	-12%	-15%
DELASALLE CHARTER SCHOOL	-32%		-20%	-34%
EWING MARION KAUFFMAN SCHOOL	4%	3%	-21%	-10%
FRONTIER SCHOOLS	-19%	-11%	-21%	-9%
GENESIS SCHOOL INC.	-35%	-35%	-30%	-28%

*ELA and Math Combined Proficiency Rates

LEA Performance

Legend: 2018, 2019, 2021, 2022

KCPSS: -18%, -16%, -21%, -17%
GUADALUPE CENTERS SCHOOLS: -30%, -27%, -30%, -24%
HOGAN PREPARATORY ACADEMY: -33%, -32%, -36%, -35%
HOPE LEADERSHIP ACADEMY: -19%, -37%, -28%, -35%
KANSAS CITY 33: -23%, -22%, -21%, -19%
KANSAS CITY GIRLS PREP ACADEMY: -32%, -20%
KC INTERNATIONAL ACADEMY: -30%, -26%, -29%, -23%
KIPP: ENDEAVOR ACADEMY: -23%, -26%, -27%, -29%
LEE A. TOLBERT COM. ACADEMY: -25%, -33%, -30%, -31%
SCUOLA VITA NUOVA: -10%, -7%, -7%, -8%
UNIVERSITY ACADEMY: 7%, 2%, -14%, -12%

*ELA and Math Combined Proficiency Rates

KCPS Signature School Performance
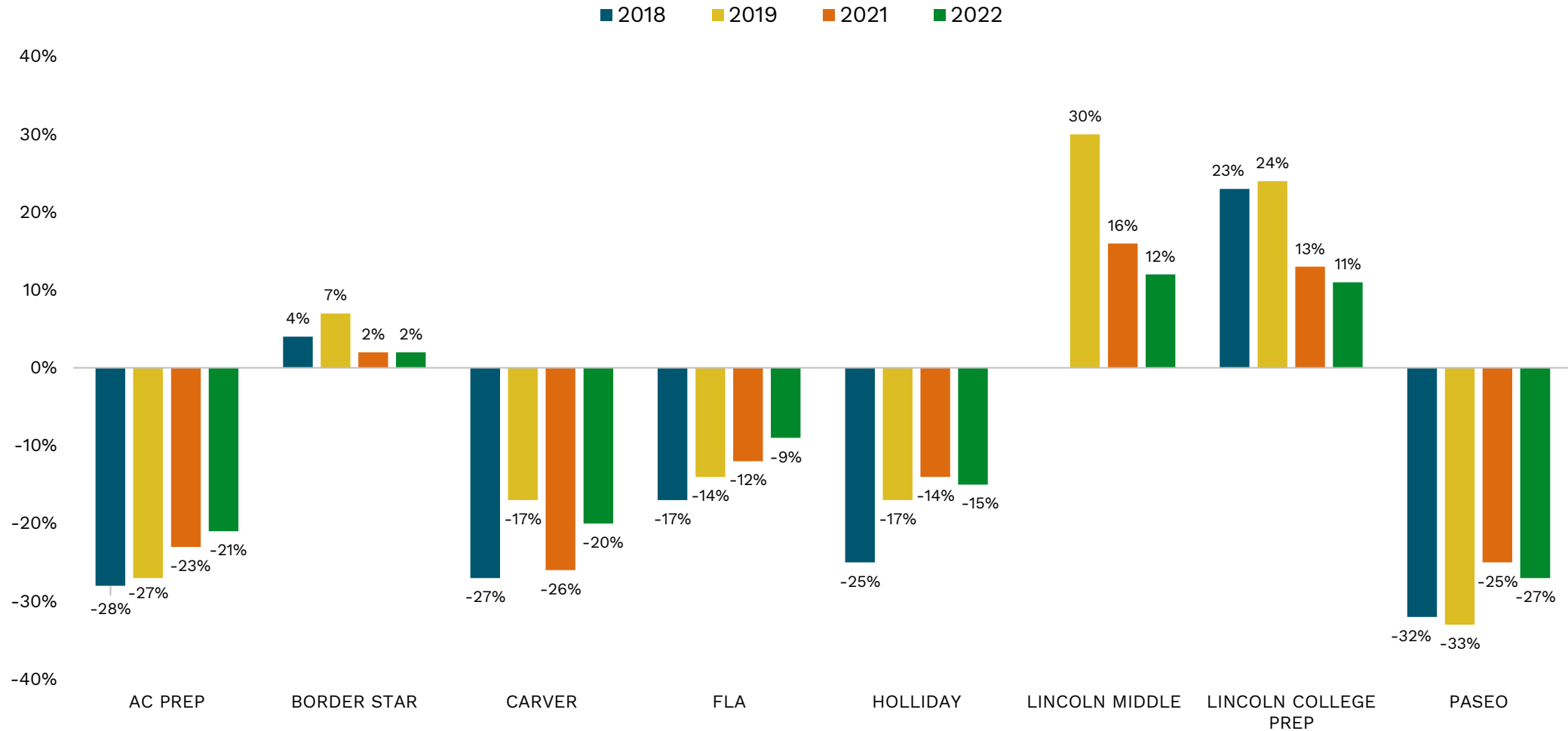
Legend: 2018, 2019, 2021, 2022

School	2018	2019	2021	2022
AC PREP	-28%	-27%	-23%	-21%
BORDER STAR	4%	7%	2%	2%
CARVER	-27%	-17%	-26%	-20%
FLA	-17%	-14%	-12%	-9%
HOLLIDAY	-25%	-17%	-14%	-15%
LINCOLN MIDDLE		30%	16%	12%
LINCOLN COLLEGE PREP	23%	24%	13%	11%
PASEO	-32%	-33%	-25%	-27%

*ELA and Math Combined Proficiency Rates

KCPS Neighborhood School Performance
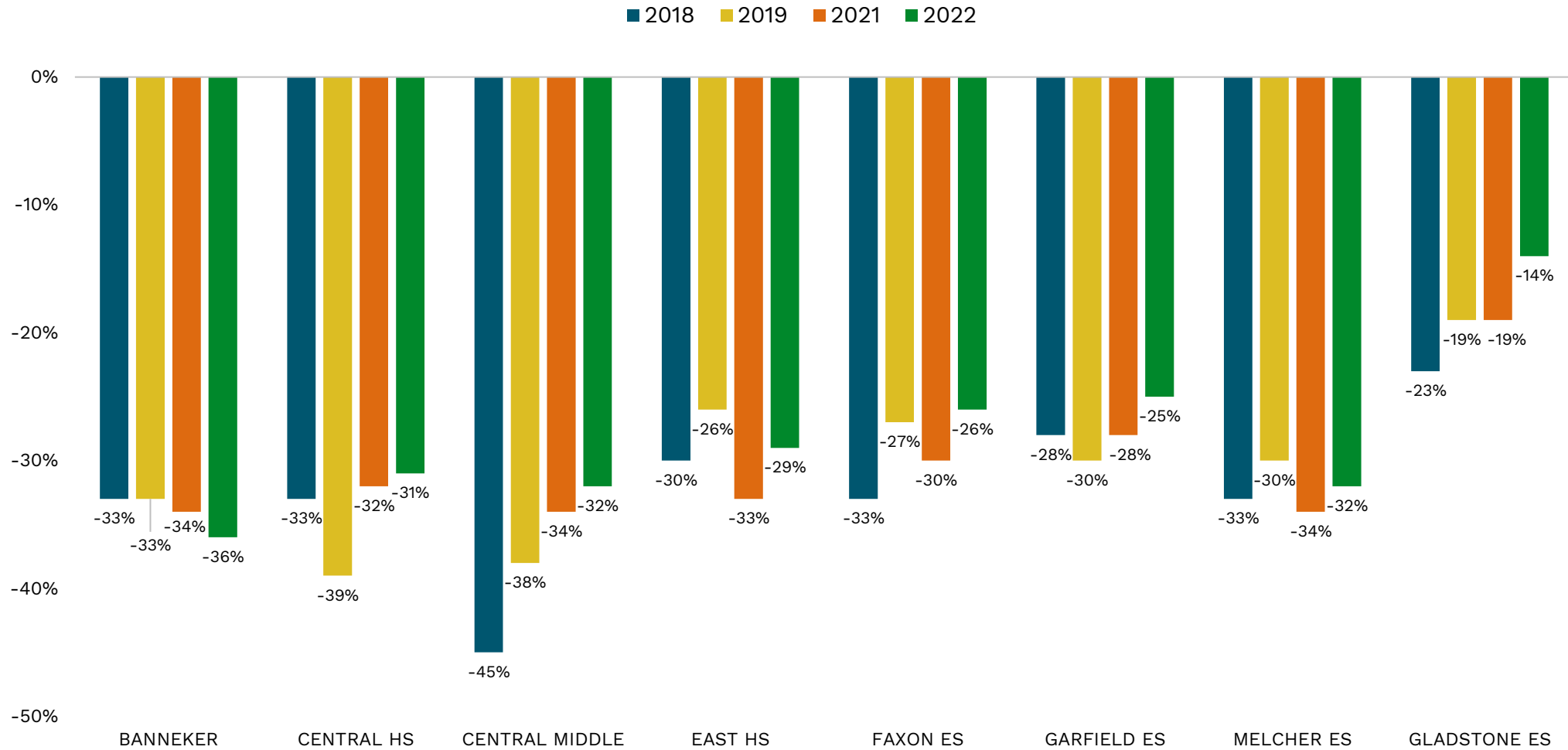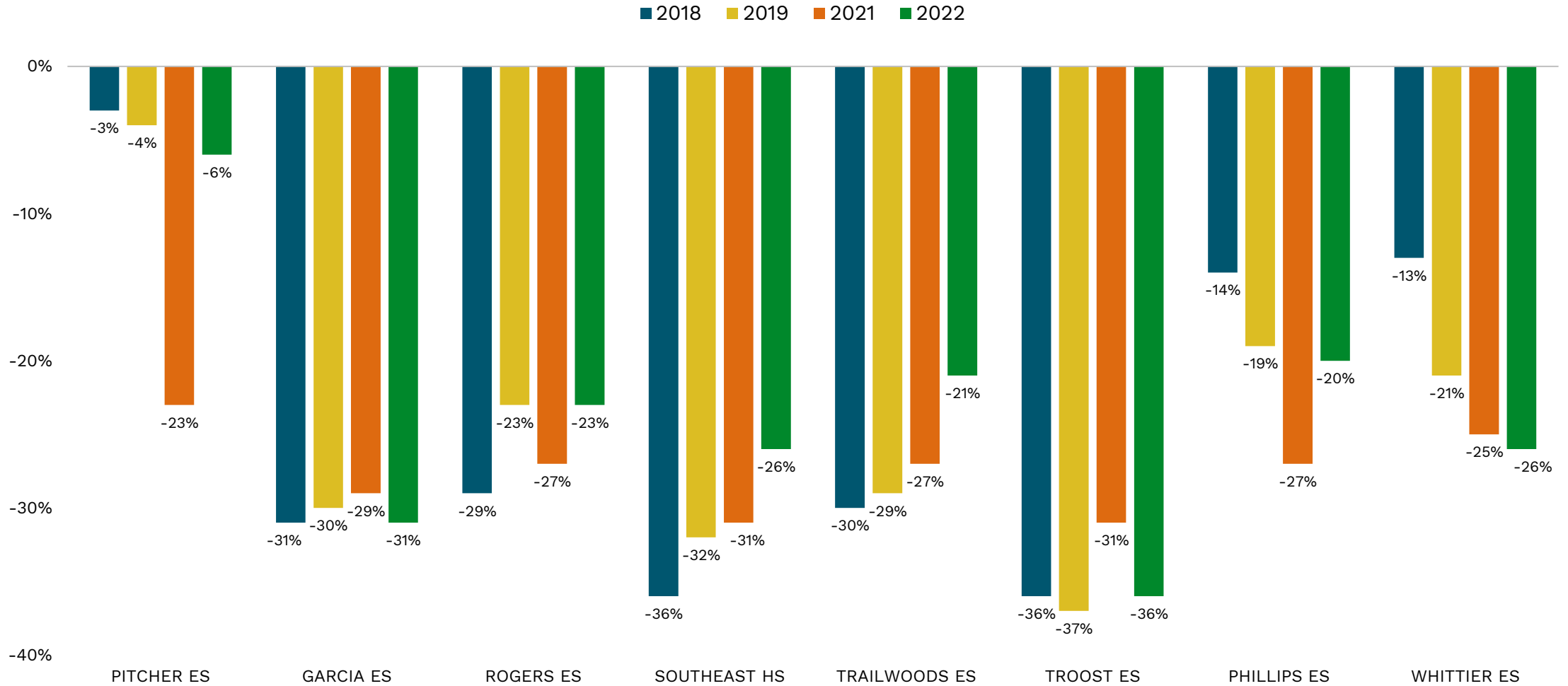

*ELA and Math Combined Proficiency Rates

KCPS Neighborhood School Performance
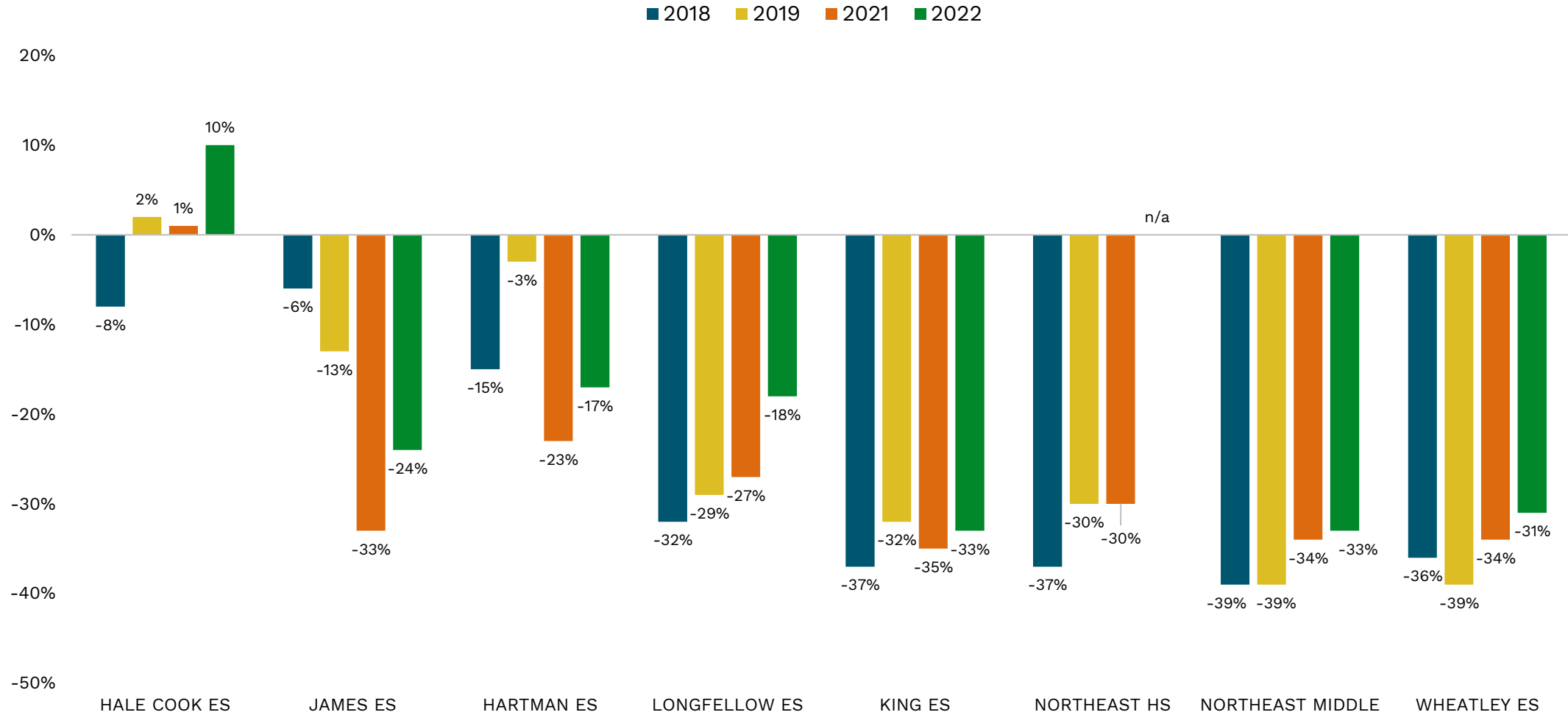
*ELA and Math Combined Proficiency Rates

KCPS Neighborhood School Performance
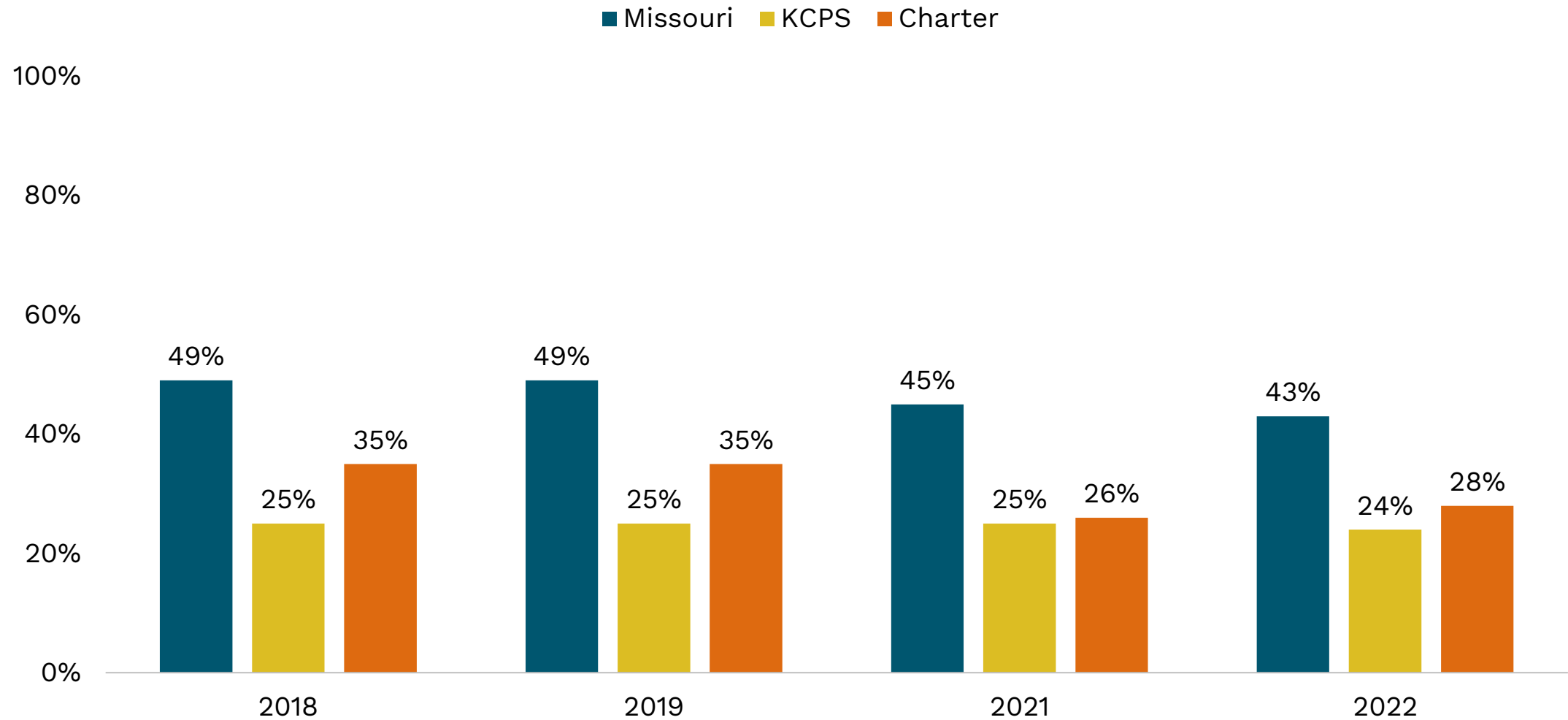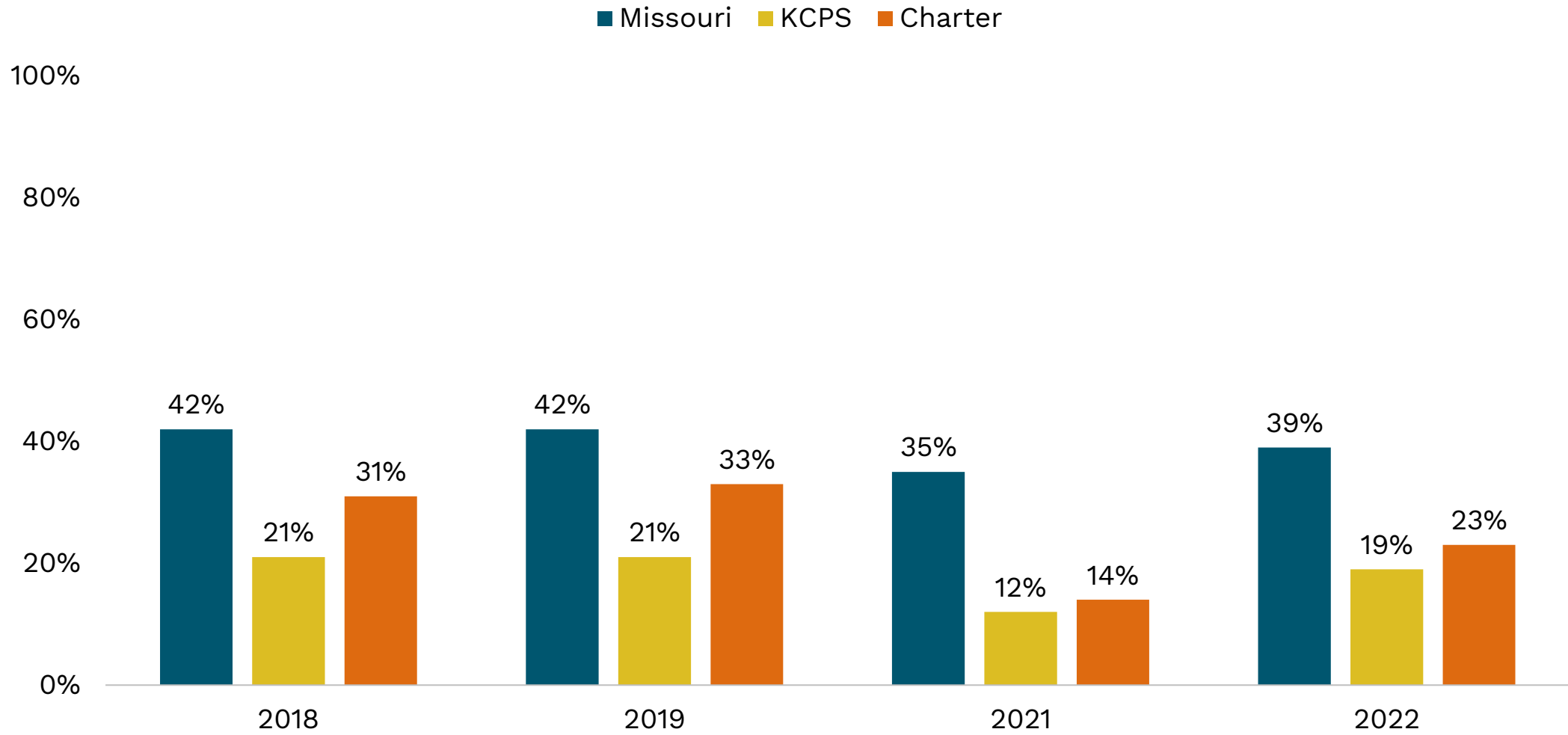
*ELA and Math Combined Proficiency Rates
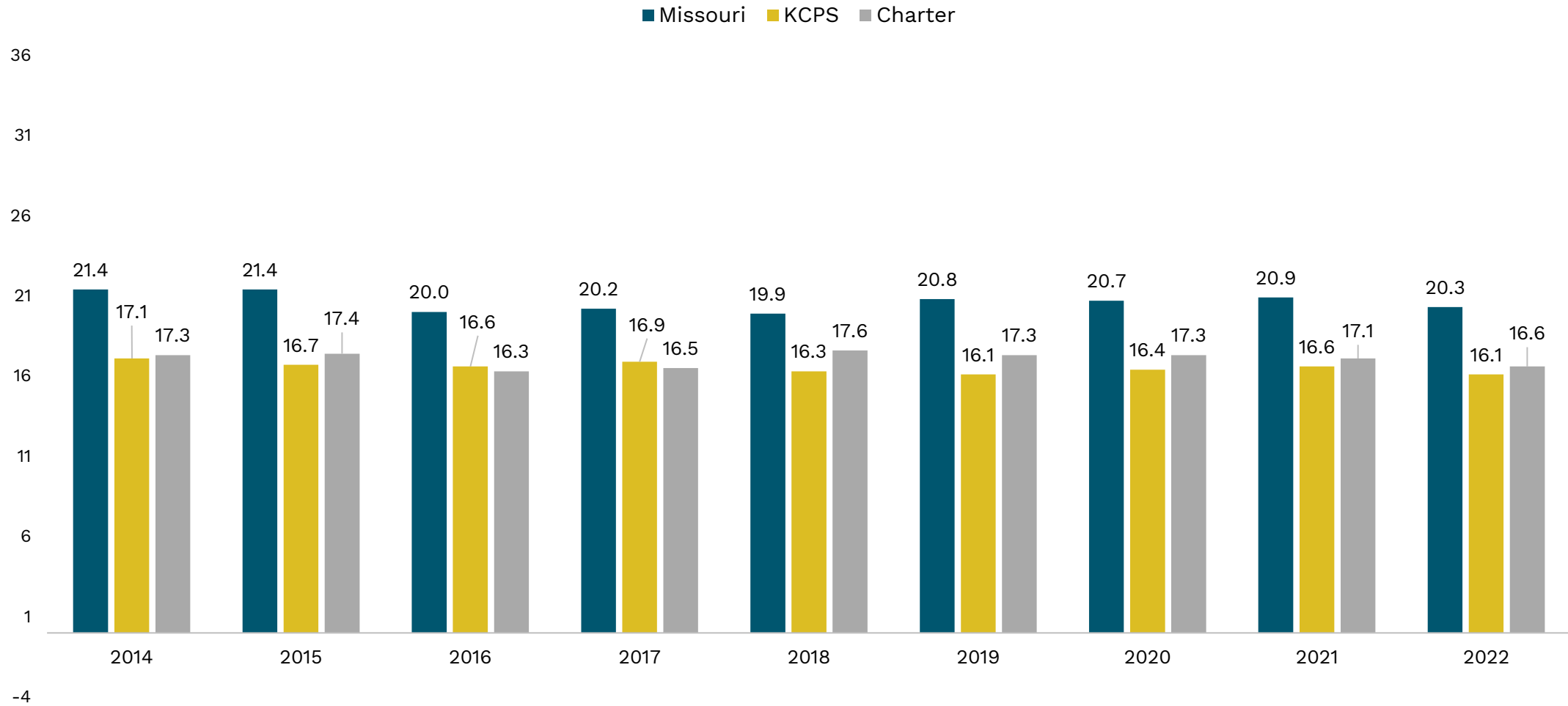
ELA Performance

Math Performance

Legend: ■ Missouri ■ KCPS ■ Charter

Year	Missouri	KCPS	Charter
2018	42%	21%	31%
2019	42%	21%	33%
2021	35%	12%	14%
2022	39%	19%	23%

3ʳᵈ Grade Reading Proficiency

LEA	2018	2019	2021	2022	2021 to 2022 Change
ACADEMIE LAFAYETTE	67%	60%	54%	46%	-8%
STATE OF MISSOURI	49%	49%	42%	41%	-1%
CROSSROADS CHARTER SCHOOLS	52%	51%	35%	32%	-3%
ACADEMY FOR INTEGRATED ARTS	29%	19%	11%	31%	20%
FRONTIER SCHOOLS	37%	43%	25%	28%	3%
UNIVERSITY ACADEMY	42%	38%	25%	23%	-2%
BROOKSIDE CHARTER SCH.	19%	31%	15%	21%	6%
KCPES	24%	25%	20%	20%	0%
CITIZENS OF THE WORLD CHARTER		38%	27%	20%	-7%
ALLEN VILLAGE	20%	28%	15%	18%	3%
KANSAS CITY 33	18%	21%	15%	17%	2%
SCUOLA VITA NUOVA	35%	29%	32%	16%	-16%
GORDON PARKS ELEM.	19%	20%	16%	15%	-1%
GUADALUPE CENTERS SCHOOLS	12%	8%	4%	14%	10%
KC INTERNATIONAL ACADEMY	27%	22%	12%	14%	2%
KIPP: ENDEAVOR ACADEMY	19%	9%	12%	14%	2%
HOPE LEADERSHIP ACADEMY	17%	11%	10%	13%	3%
LEE A. TOLBERT COM. ACADEMY	33%	3%	7%	10%	3%
HOGAN PREPARATORY ACADEMY	8%	28%	14%	10%	-4%
GENESIS SCHOOL INC.	10%	14%	15%	4%	-11%

Charter Impact

1. Genesis charter has been notified that their charter is being revoked due to persistently poor performance and growth. Final decision is mid-February.

2. Hogan Prep has been placed on probation for "poor academic performance" and the sponsor has suggested the school close one or more campus, work with another charter, or relinquish their charter.

3. DeLaSalle, KIPP, Lee A. Tolbert have been provided a letter of concern regarding their academics and informed of specific actions they should take to address those concerns.

KCPS Updates

1. School Closures: KCPS has approved (Jan. 2023) the closure of two schools – Longfellow and Troost – after debating closing up to 10 schools.

2. Superintendent Search: KCPS opened application Jan. 31. Interviews to occur in February, finalists identified by end of Feb.

3. KCPS board elections: election is April 4, 2023 and June 20, 2023 (for third district only).
   - 2nd district (Nate Hogan): Candidate Jamekia Kendrix
   - At-large (Jennifer Wolfsie): Candidate Josh Jackaway
   - 4th district (Marvia Jones): write-in
   - 3rd district (Manny Abarca): TBD (filing deadline of March 14)

Data for Action Summit QR Codes

Question 1
Feedback:
Enrollment Data

Question 3
KC Metro Data

Question 5
Takeaways?
Wonderings? What else would you like to know?

Question 2
Feedback:
State & System Data

Question 4
Top Growth / Top Performance Data