4/19/21 COVID-19 HEALTH DATA UPDATE

Briefings are posted on our website at www.tulsaschools.org.

TULSA PUBLIC SCHOOLS

Refresher: our Health Data Monitoring Process

- The three categories of metrics are monitored weekly
- If a foundational health care metric hits threshold, or we detect an early warning from one of our indicators, evaluation and discussion will be triggered.
  - Data is compiled and initially reviewed on Fridays.
  - Evaluation and discussions occur on Monday mornings.
  - Daily monitoring begins when metrics are close to thresholds
- Evaluations address both specific school sites and the entire district.
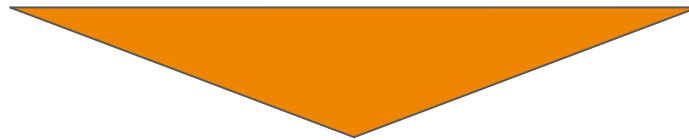
Four types of potential actions can occur based on our assessment of the data:

1. No changes necessary at this time.
2. Additional monitoring of all data points coupled with increased, targeted rapid COVID testing.
3. Shift from in-person to full distance learning at a specific classroom, school, or multiple schools.
4. Change the default mode of instruction for some or all grade levels through a formal recommendation to the Board of Education.

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Refresher: Foundational & Contextual Data

Early Warning Indicators at TPS Schools

- These data will help us to monitor conditions that are more localized and specific to our context. These data will help us to be more sensitive to conditions within schools to know if cases are higher or lower than overall county averages. These metrics are:
  ➔ Tulsa Public Schools rapid testing results
  ➔ New case rates for team members and students (TPS contact tracing)

Foundational School System Metrics

- These internal data measure our ability to appropriately respond to early warning indicators and enact the necessary safety precautions at our schools. These metrics are:
  ➔ Availability of necessary PPE
  ➔ Rates of quarantine
  ➔ Staffing capacity

Foundational Health Care Metrics

- These core metrics will help us understand overall rates of community spread. These data will help us to assess overall risk and changes in our greater community that may necessitate a change in our response. The core metrics are:
  ➔ 7-day rolling average of new cases in Tulsa Public Schools boundary *(calculated from public data)*.
  ➔ 7-day rolling average of new cases in Tulsa County

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High level assessment from 4/19 health data review

Foundational Health Care Metrics

- Overall new cases have stabilized at a low level after across the county.

Early Warning Indicators

- Case counts continue to be low and follow the overall trend for Tulsa County.
- We saw an increase in number of exposures last week, with overall numbers and percentages still at low levels and below neighboring districts.

Foundational System Metrics

- Staffing: no changes from prior weeks for school staffing, health care staff, and operations staff
- Continue to have necessary stock of PPE supplies and are delivering additional PPE to schools based on requests.

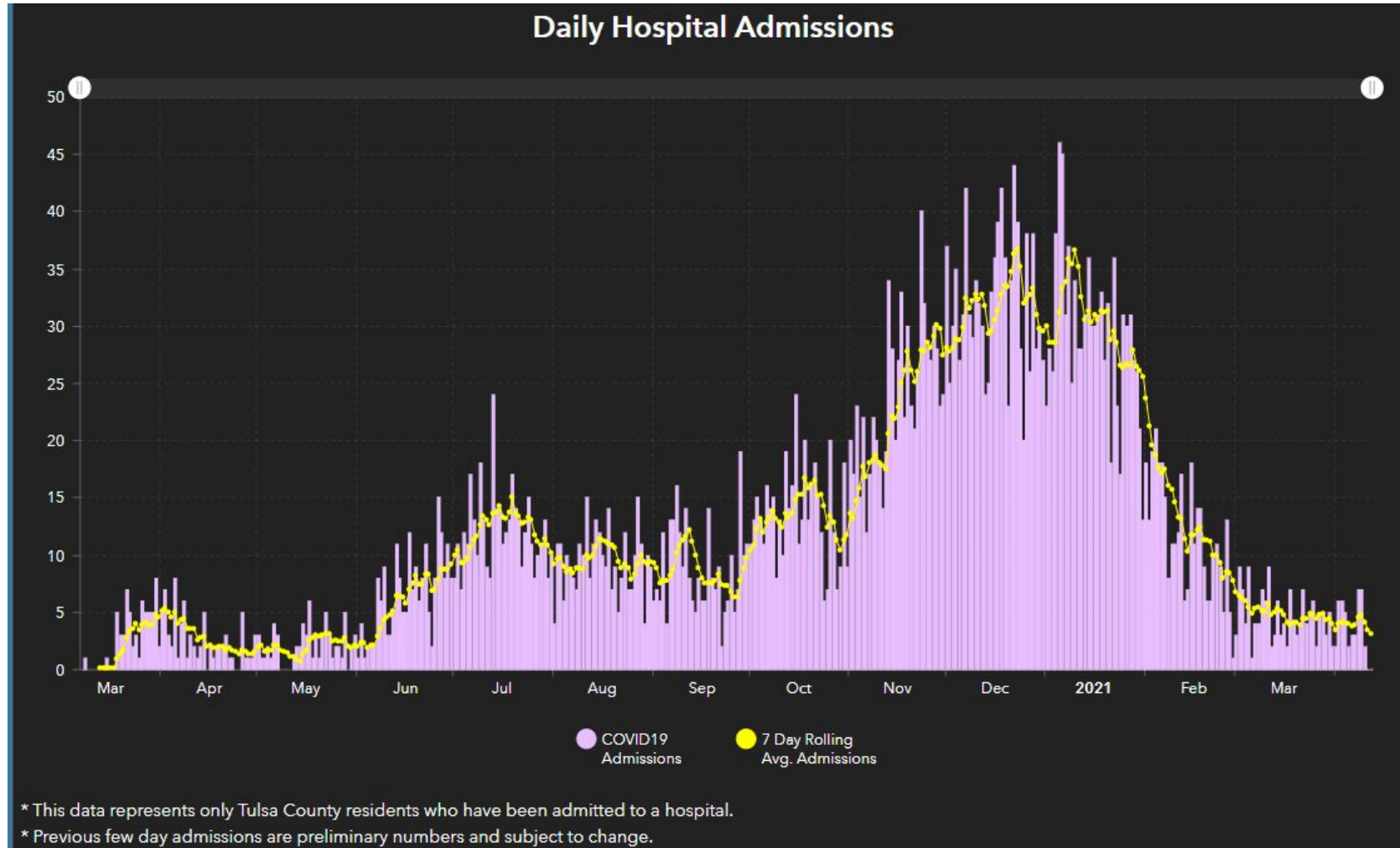# Foundational Health Care Metrics - 7 Day Rolling Average
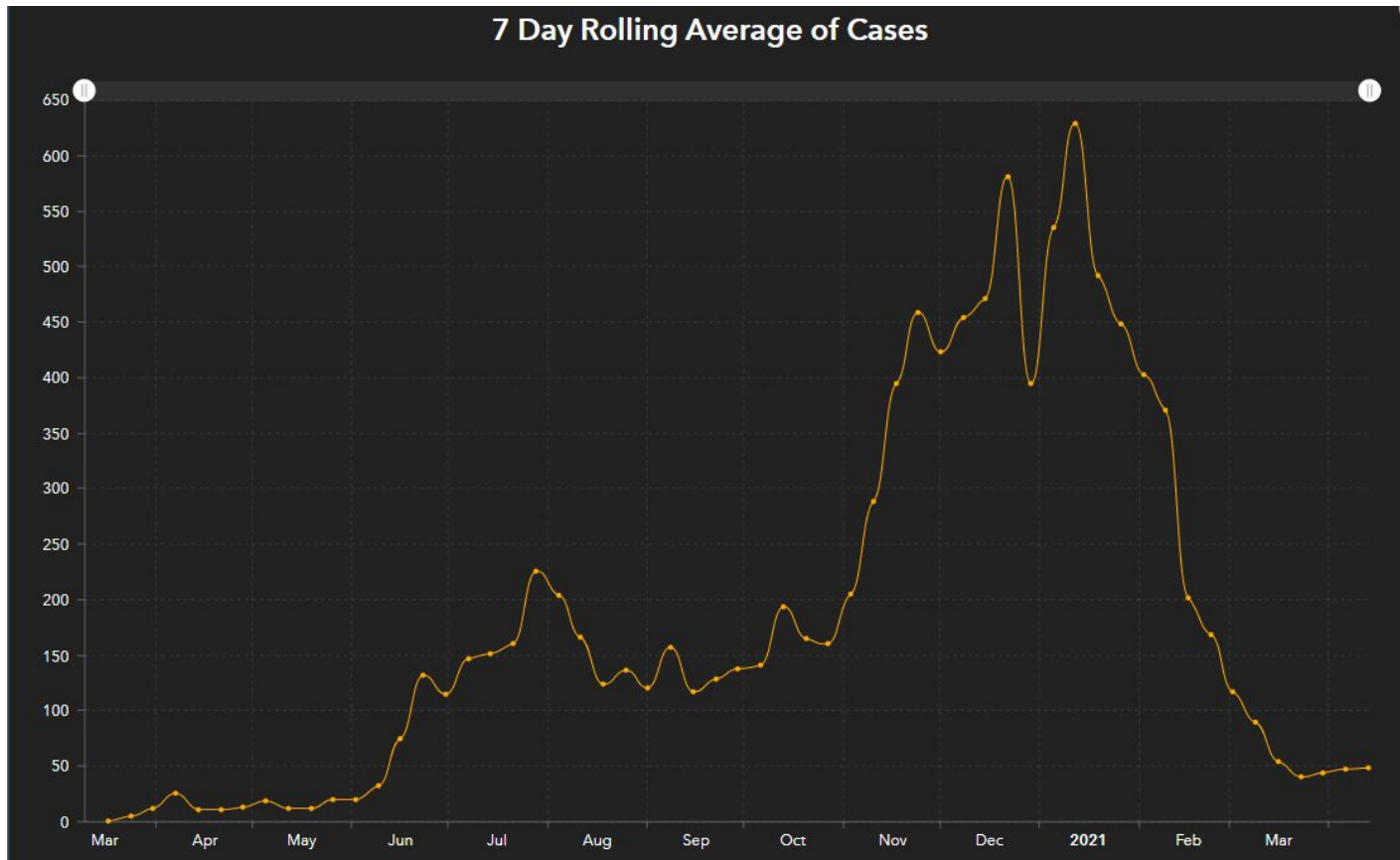
7 Day Rolling Average of Cases

Due to the change from daily to weekly tracking, THD is now reporting data on total new cases from the prior week.

Source: Tulsa Health Department. Data reported on 4/6 - daily average was 47.6. On 4/6/21, the reported 7 day rolling average was 46.9.

Hospitalizations have stayed at low levels. Changes usually lag new case rates by a few weeks.

Source: Oklahoma Department of Health hospital surge plan
https://oklahoma.gov/content/dam/ok/en/covid19/documents/hospital-surge-plan/hospital-tiers-report/Hospital%20Tiers%20plus%20detail%2020210114.pdf
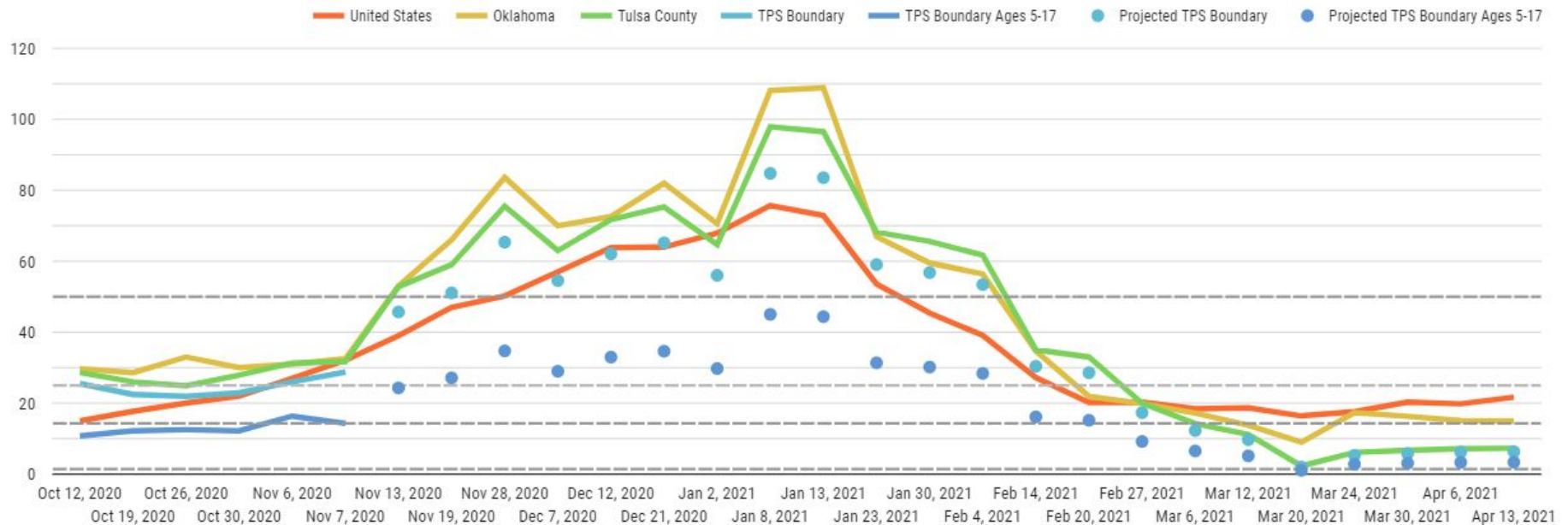
Foundational Health Care Metrics

Updated as of 4/13

Moving forward, national, state, and county comparisons will be based on data made available on Wednesdays.

Apr 13, 2021

- United States: **21.7**
- Oklahoma: **15**
- Tulsa County: **7.3**
- Projected TPS Boundary: **6.32**
- Projected TPS Boundary Ages 5-17: **3.36**

7-day Rolling Average New Cases per 100,000

Data sources: globalepidemics.org, Tulsa Health Department

Note: Due to a change in reporting from the Oklahoma Department of Health, TPS boundary data are no longer able to be updated on a regular basis. Weekly projections based on the average percent difference between county and TPS data will be used according to the following historical averages:
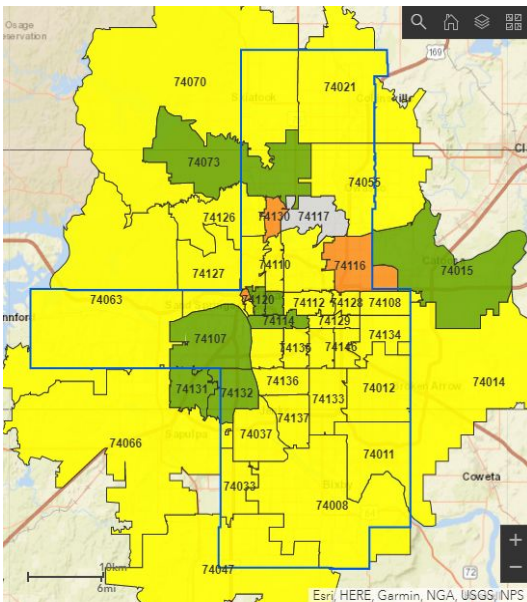- **TPS boundary, all ages:** 14.3% lower than overall county rate
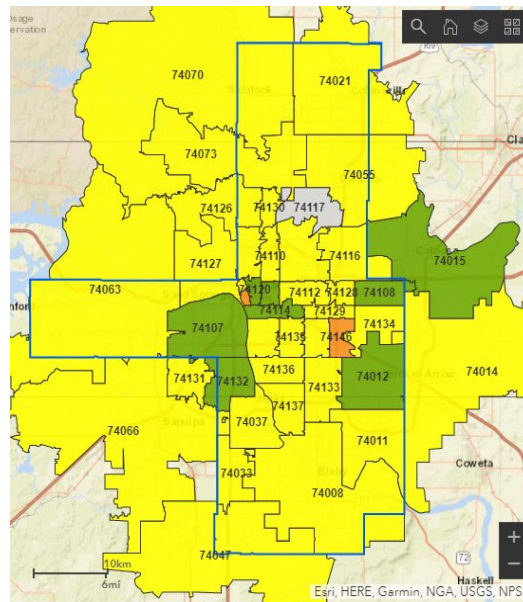- **TPS boundary, 5-17:** 53.8% lower than overall county rate

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The majority of Tulsa zip codes are now yellow (25), with ZERO zip codes in red or dark red and 11 zip codes in green.
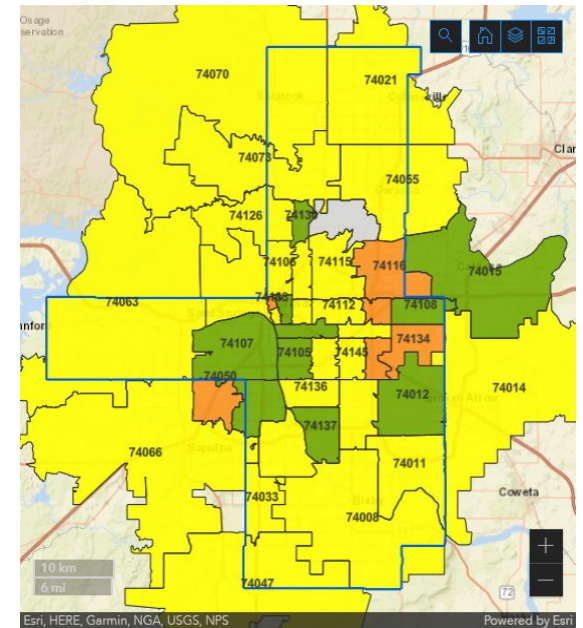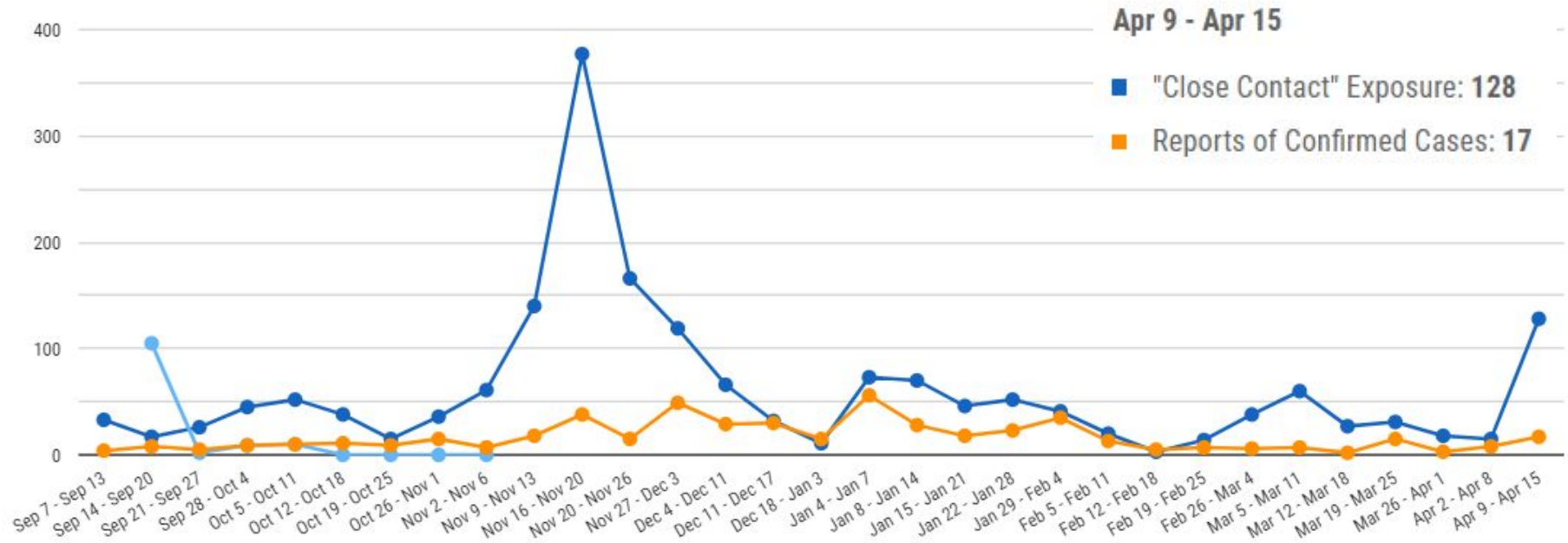
3/30/21

4/07/21

4/14/21

- 0 out of 42 zip codes are red or dark red. Last report was 0.

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Early Warning Indicators at TPS Schools - TREND

Number of **potential exposures**, **close contact exposures**, and **confirmed cases** found by Tulsa Public Schools over time

Apr 9 - Apr 15

■ "Close Contact" Exposure: **128**

■ Reports of Confirmed Cases: **17**

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* Report cover cases from the previous Friday through the close of business on Thursday.

Local District Comparison - TREND

Updated 4/15

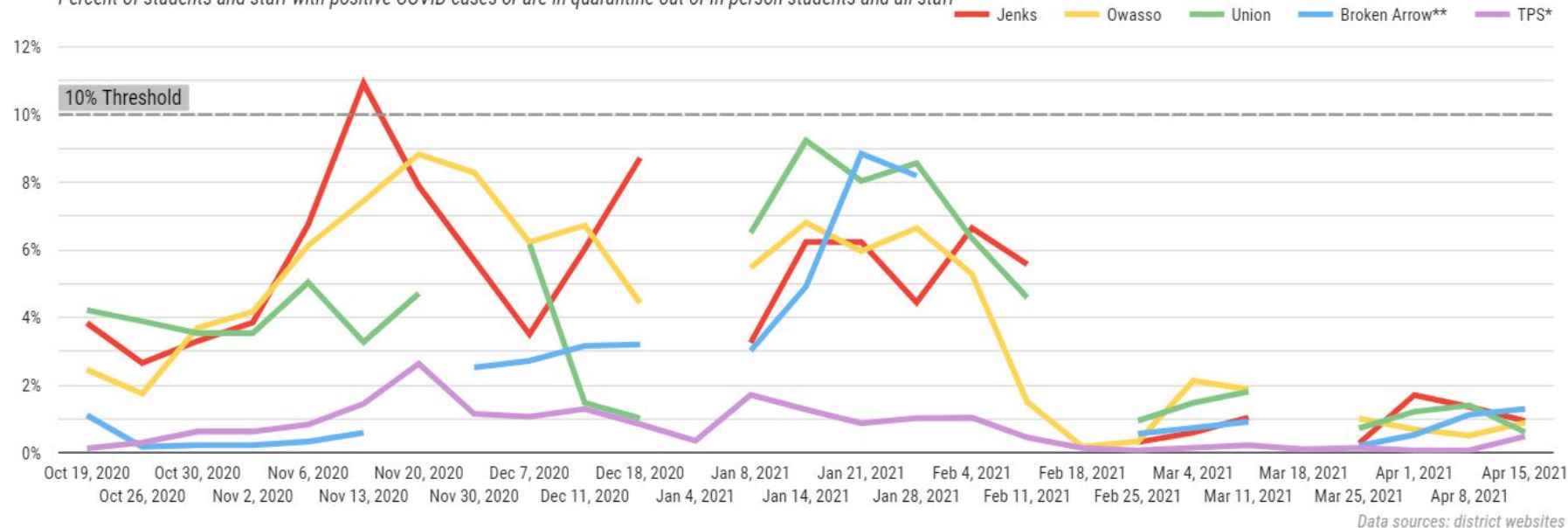Apr 15, 2021

- Jenks: **0.94%**
- Owasso: **0.89%**
- Union: **0.61%**
- Broken Arrow**: **1.29%**
- TPS*: **0.48%**

Local District Comparisons Over Time

Percent of students and staff with positive COVID cases or are in quarantine out of in-person students and all staff
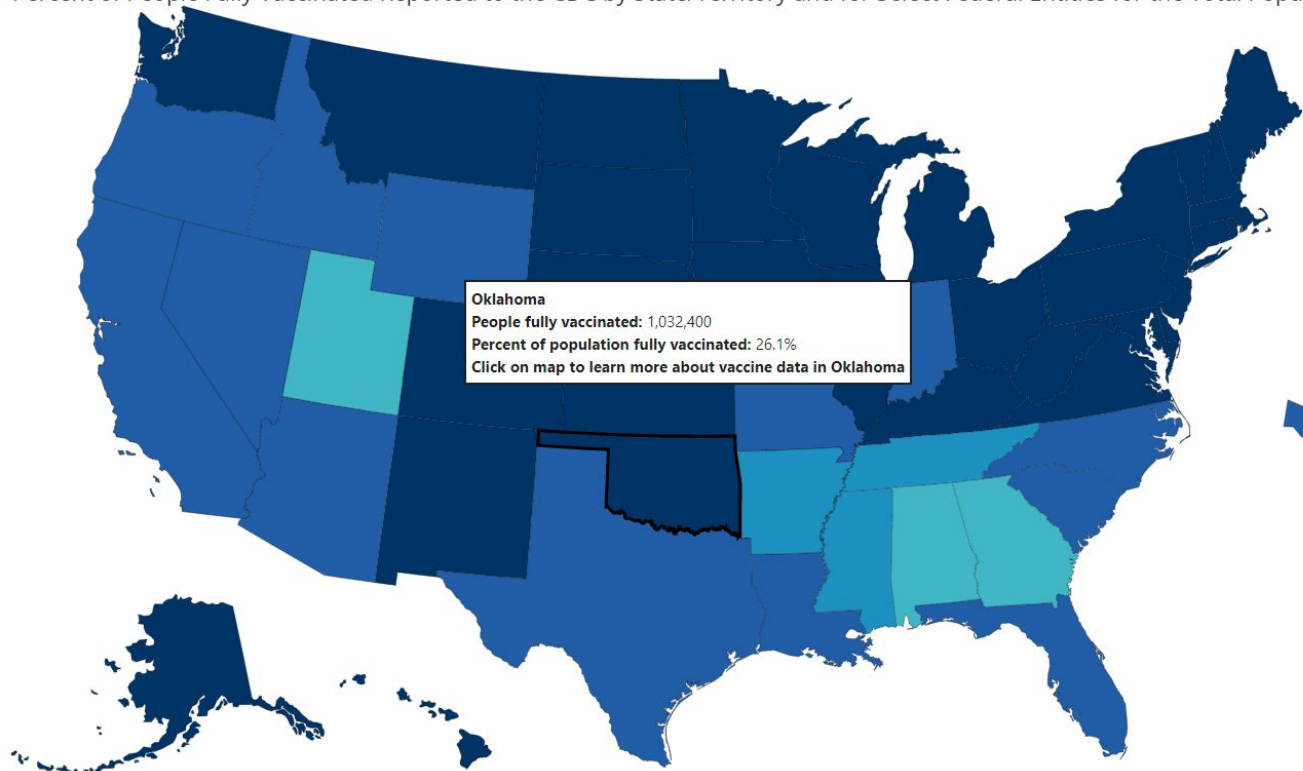
Jenks   Owasso   Union   Broken Arrow**   TPS*

Data sources: district websites

*TPS in-person students include only 1500 active student athletes, and only includes new cases/exposures from the past week; Jan 4 data represent total cases from 12/15 - 1/4;
**Broken Arrow Public Schools began including number of students in quarantine on November 30, 2020; did not report numbers for week of 2/4 as district moved to distance.
Most districts were distance the week of 2/15-19; TPS was in intersession this week; most districts were in spring break 3/12-18 and did not report data;

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26.1% of Oklahomans have now been fully vaccinated 36.8% have received at least one dose

Percent of People Fully Vaccinated Reported to the CDC by State/Territory and for Select Federal Entities for the Total Population

Oklahoma
People fully vaccinated: 1,032,400
Percent of population fully vaccinated: 26.1%
Click on map to learn more about vaccine data in Oklahoma

Tulsa County (16+):

40.6% at least one dose
29.2 % fully vaccinated

Source: OK DOH weekly epidemiological report 4/14

Source: cdc.gov as of 4/18

Foundational System Metrics - Staffing & PPE

- Support professionals -

  - No changes from last report on operations teams.
  - Continue to provide supports and work on recruitment.

- School site staffing -

  - Monitoring staffing levels daily.
  - Schools actively managing through absences/leaves.

- Substitutes

  - Needs remain consistent, and we continue to work on recruiting efforts.
  - Number of applicants have slowly started to increase but not significant increase in active subs filling requests.

- PPE & Safety equipment

  - We continue to have necessary stock of PPE supplies and we have been delivering to schools per requests.

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DISCUSSION