

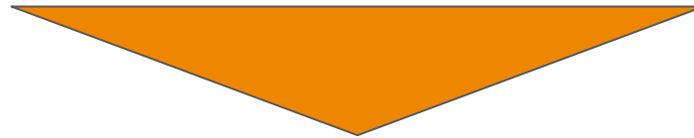
# 1/11/21 COVID-19 HEALTH DATA UPDATE

*Briefings are posted on our website at [www.tulsaschools.org](http://www.tulsaschools.org).*



# 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.

# 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

# High level assessment from 1/11 health data review

## Foundational Health Care Metrics

- COVID-19 rates (7 day rolling average) for Tulsa County and the State of Oklahoma are at their highest point.
- We have no indication that rates will go down soon.

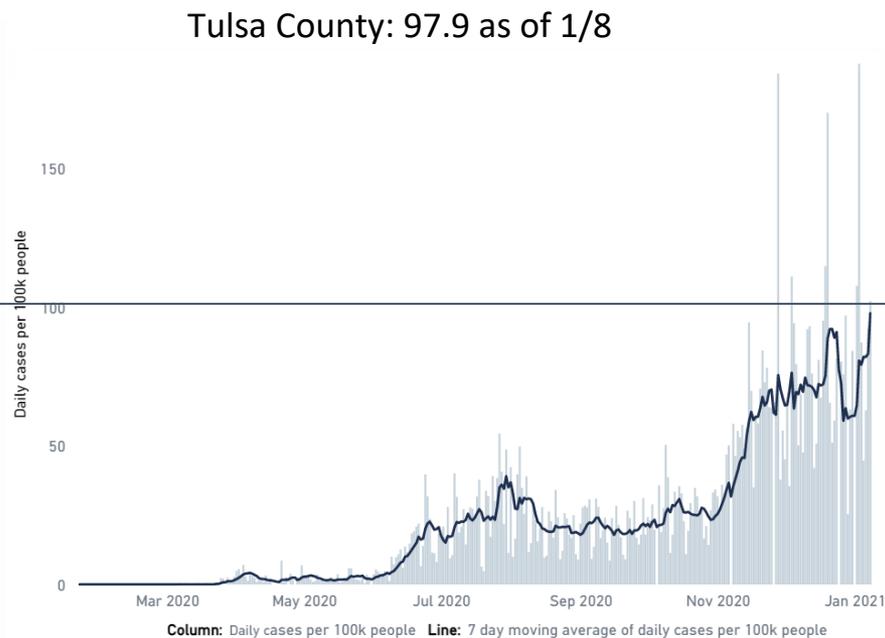
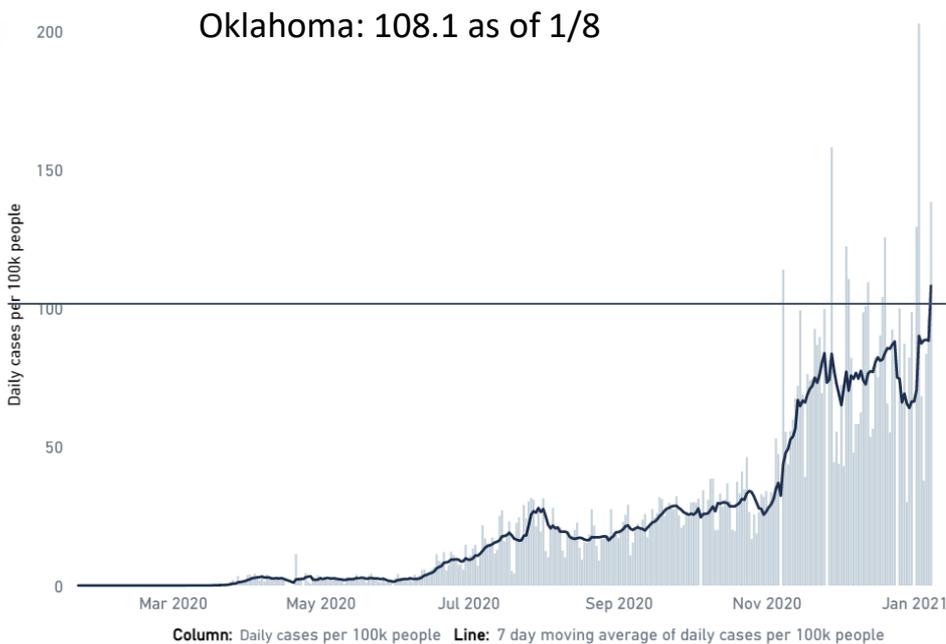
## Early Warning Indicators

- Case counts for staff have gone up after returning from holiday break.
- Screen and go application is strengthening our health screening efforts.
- We should expect an effect of vaccinations once rolled out later this month through March before we see substantial decreases in cases.

## Foundational System Metrics

- Staffing levels for teacher and support professionals are areas of concern that we continue to monitor closely.

# Trends have started to sharply increase as people return from the break.

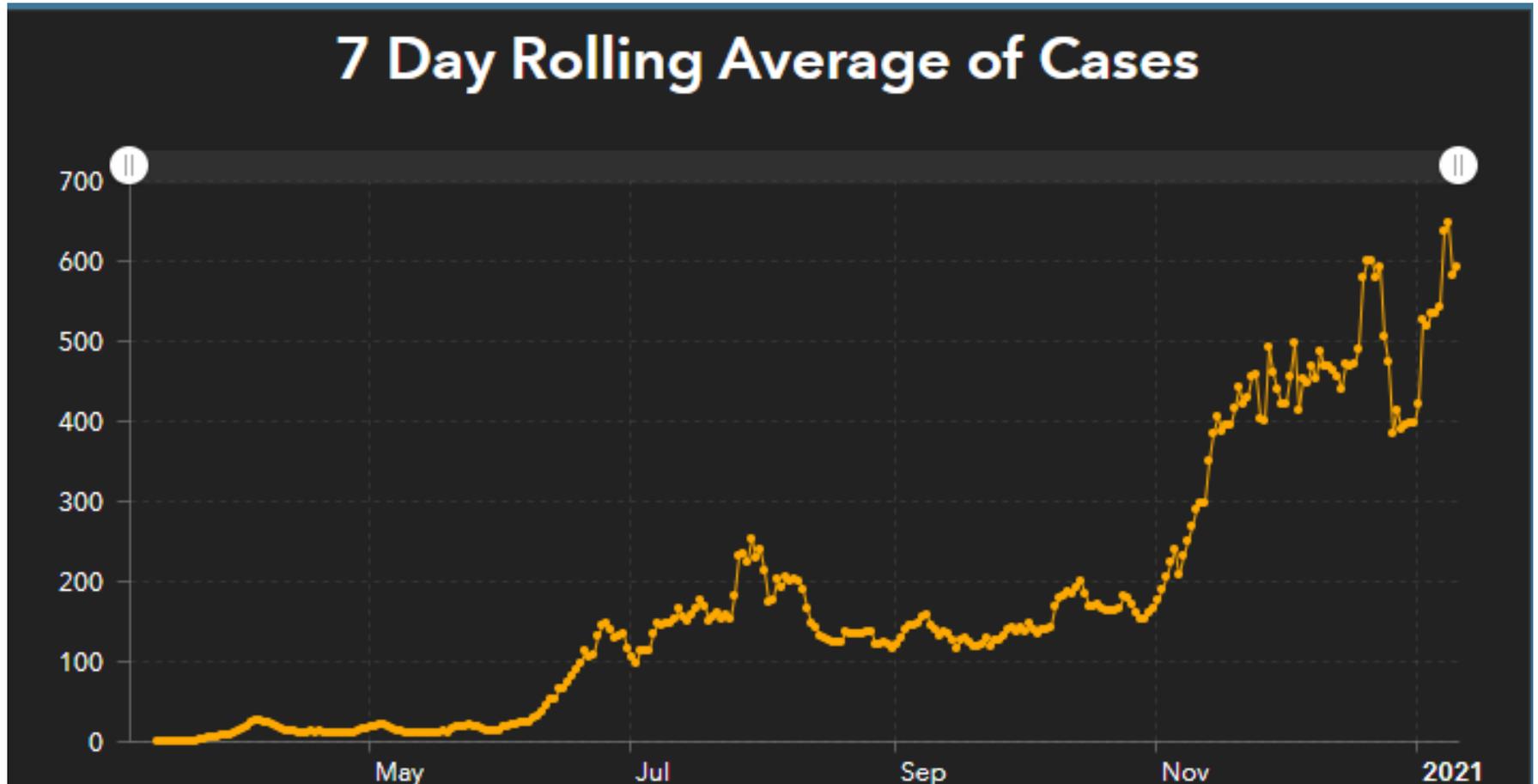


From 1/4 report:

- Oklahoma: 70.6 as of 1/2
- Tulsa County: 64.7 as of 1/2

**Updated**

# Foundational Health Care Metrics - 7 Day Rolling Average



Source: Tulsa Health Department. Data updated on 1/10/21: 7 day rolling average of 592.1. On 1/3/21, the reported 7 day rolling average was 517.1.

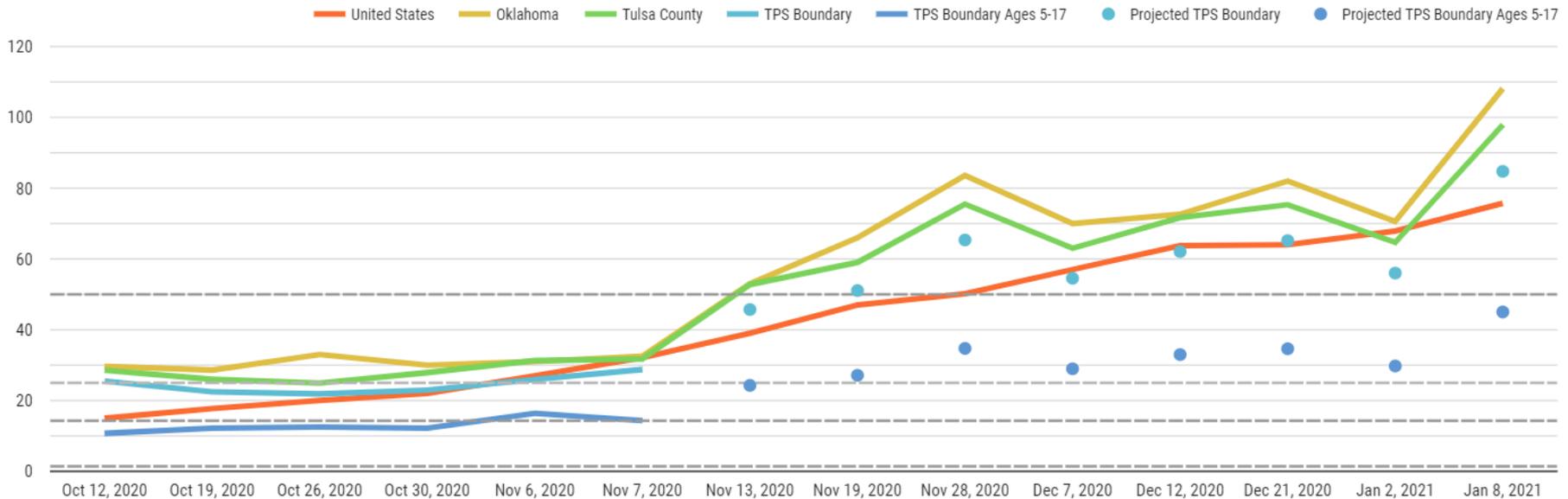
# Foundational Health Care Metrics

Updated

Jan 8, 2021

- United States: **75.7**
- Oklahoma: **108.1**
- Tulsa County: **97.9**
- Projected TPS Boundary: **84.75**
- Projected TPS Boundary Ages 5-17: **45.02**

## 7-day Rolling Average New Cases per 100,000



Data sources: [globalepidemics.org](https://www.globalepidemics.org), Tulsa Health Department

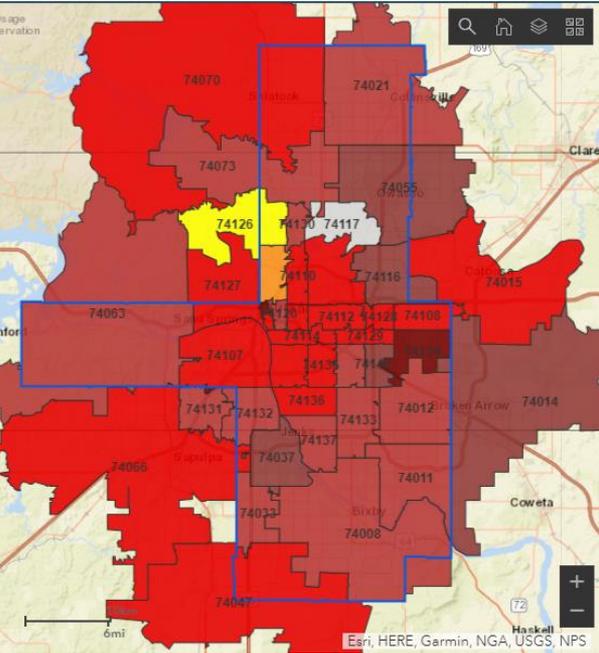
Note: Due to a change in reporting from the Oklahoma Department of Health, TPS boundary data are no longer able to be updated on a regular basis. Weekly projections based on the average percent difference between county and TPS data will be used according to the following historical averages:

- **TPS boundary, all ages:** 14.3% lower than overall county rate
- **TPS boundary, 5-17:** 53.8% lower than overall county rate

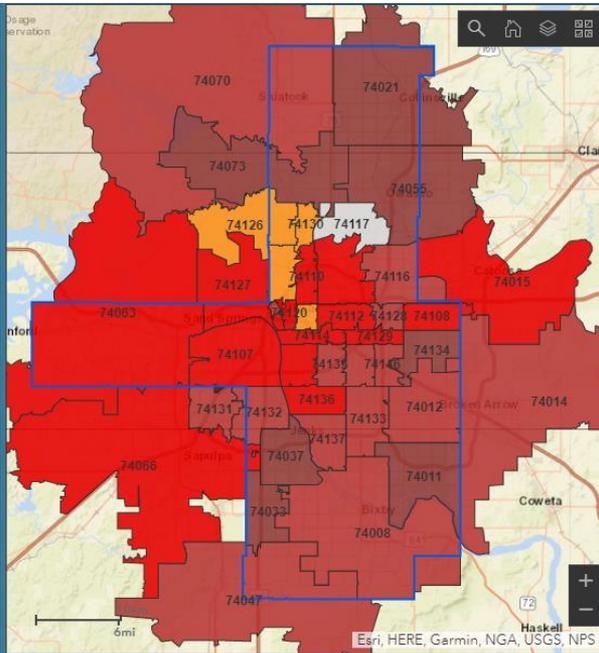
WORKING DRAFT

# The majority of Tulsa county is now red and dark red

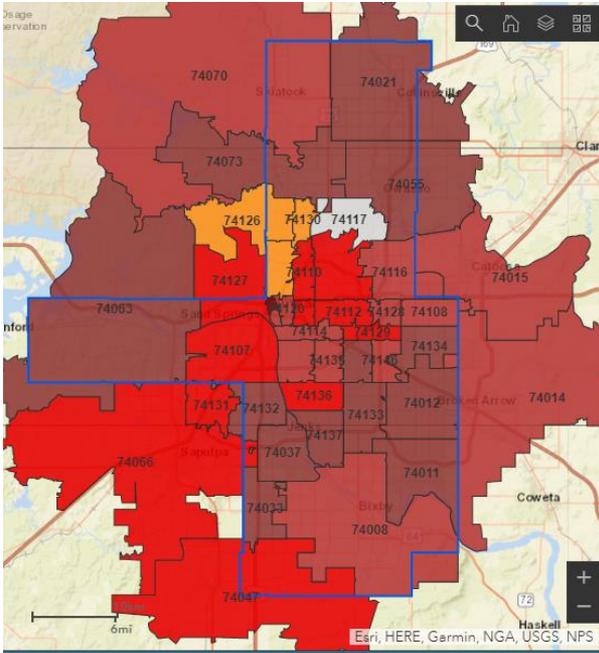
12/13/20



12/30/20



1/8/21

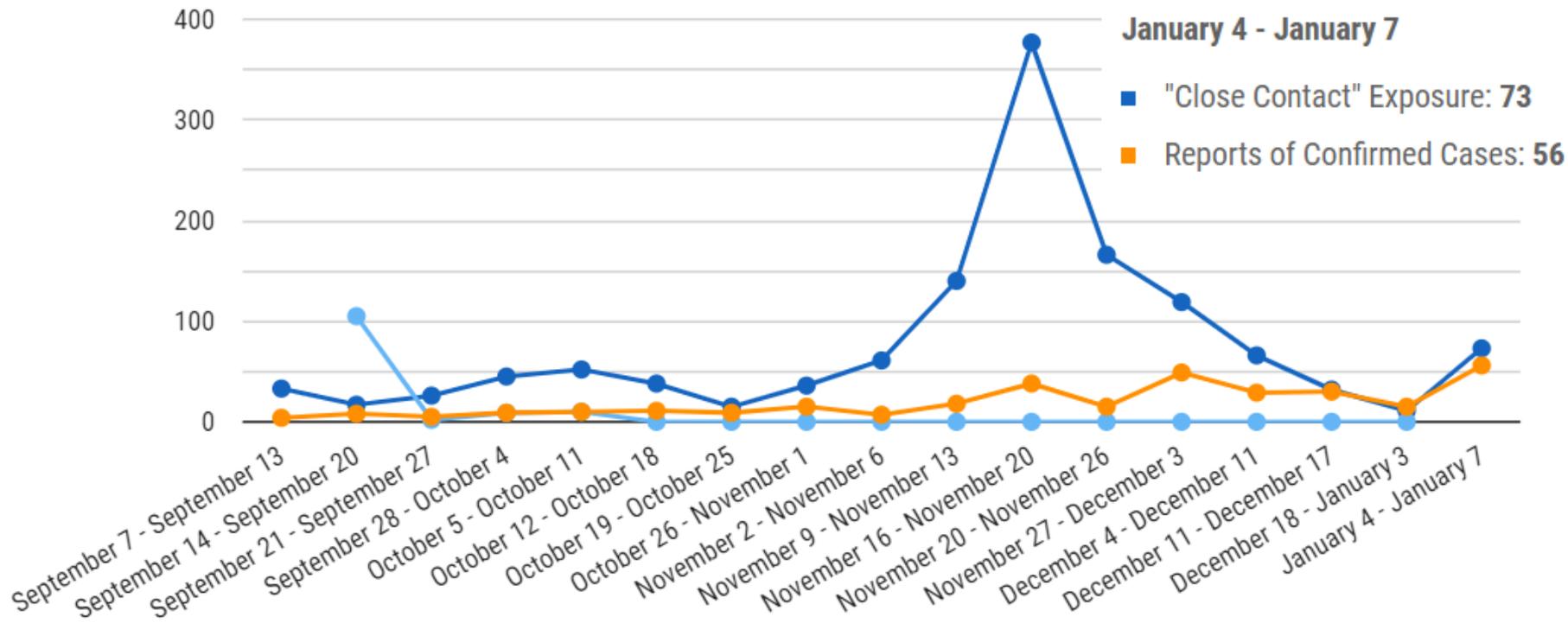


- 28 out of 42 zip codes are dark reds. Last report was 23 out of 42.

# Early Warning Indicators at TPS Schools - TREND

Updated

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



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

WORKING DRAFT

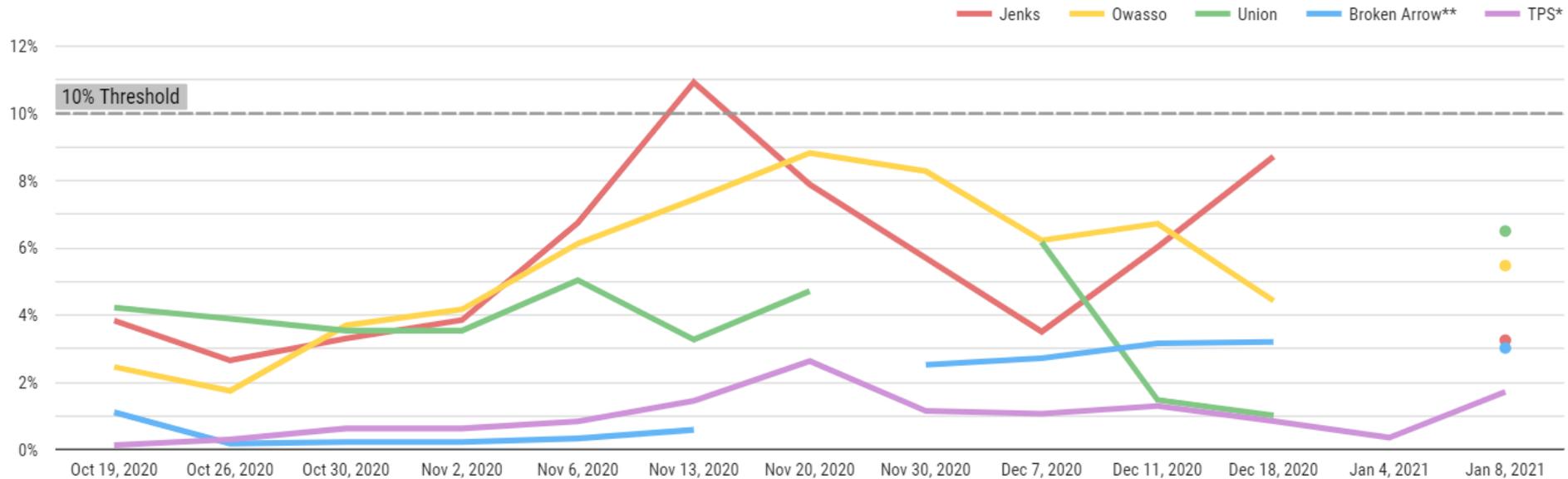
# Early Warning Indicators at TPS Schools - TREND

Jan 8, 2021

- Jenks: 3.25%
- Owasso: 5.47%
- Union: 6.5%
- Broken Arrow\*\*: 3.02%
- TPS\*: 1.71%

## 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



WORKING DRAFT

# Foundational System Metrics - Staffing

- Staffing levels for teacher and support professionals are areas of concern that we continue to monitor closely.
- The use of Screen and go application for health screening checks has been helpful in capturing the data related to health assessment.
  - The screening practice has been strengthened.
  - It is creating new daily staffing dynamics, specifically with those who get a red screen.
- We have approximately 250 team members working remotely day to day.
  - Current rates represent approximately 10% of certified teaching staff.
  - It impacts schools differently depending on who is out.
- We have approximately 300 team member out on leave each day (combination of FMLA and daily absences). Length of leave fluctuates more than expected.
- Operations support professionals
  - High levels of vacancy in custodial, child nutrition and transportation teams
  - We are have been working on contingency plans to support in person learning, and some services may need to be modified.
  - Recruiting efforts are not yielding additional positions being filled at this time.

# Update on Covid-19 Vaccine for PreK-12 school employees and Rapid Testing

## Vaccination

- We are working with THD on start vaccination for our team members in the 65+ group, plus our nurses and health care assistants.
  - Vaccination will take place in a drive through format
  - People who receive the vaccine will have a designated area to park and wait the required 15 minutes of observation. Staff will be monitoring.
  - Vaccination will be done by THD personnel.
  - Communication with specifics will go out in the next 24 hours to the team members in the 65+.

## Rapid Testing

- 4 tests positive of asymptomatic opt-ins so far from 324 tests.
- Working with THD to finalize sampling methodology and reporting for surveillance testing of adults and students starting at the end of the month.



# DISCUSSION