

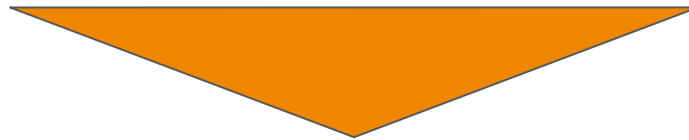
# 1/4/21 COVID-19 HEALTH DATA UPDATE

*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 1/4 health data review

## Foundational Health Care Metrics

- We have seen significant fluctuation over the holiday break.
- It is too early to determine the impact from the holidays, and metrics are likely underreported at this point due to reporting and testing lag that occurs during holidays.

## Early Warning Indicators

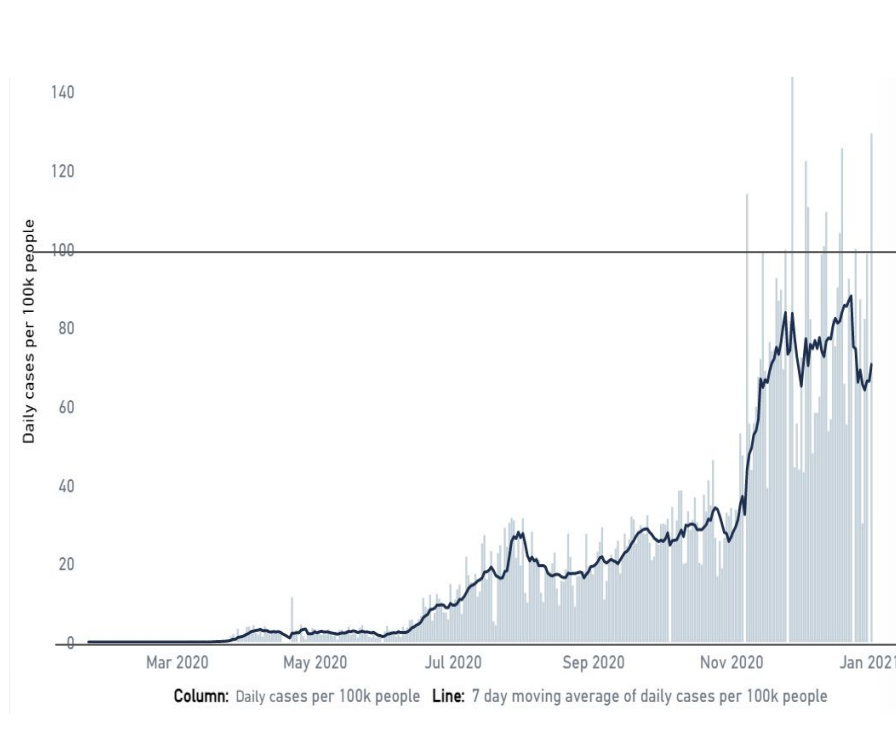
- As expected, case counts for students/staff percentages have continued to go down last week before the break and during the holiday.

## Foundational System Metrics

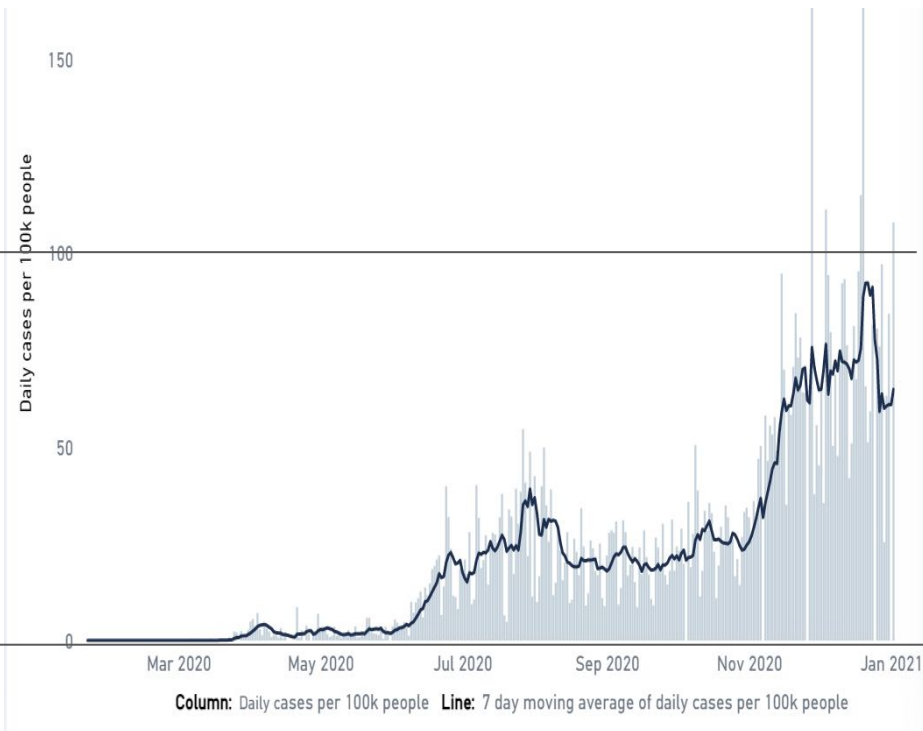
- It is too early to establish if there is any staffing impact post-holidays and to see changes from recruiting efforts. We are monitoring closely this week.

**Foundational Health Care Metrics are similar to national trends: reported new case rates have decreased sharply. However, this is likely not due to an overall decline in infections.**

Oklahoma: 70.6 as of 1/2



Tulsa County: 64.7 as of 1/2

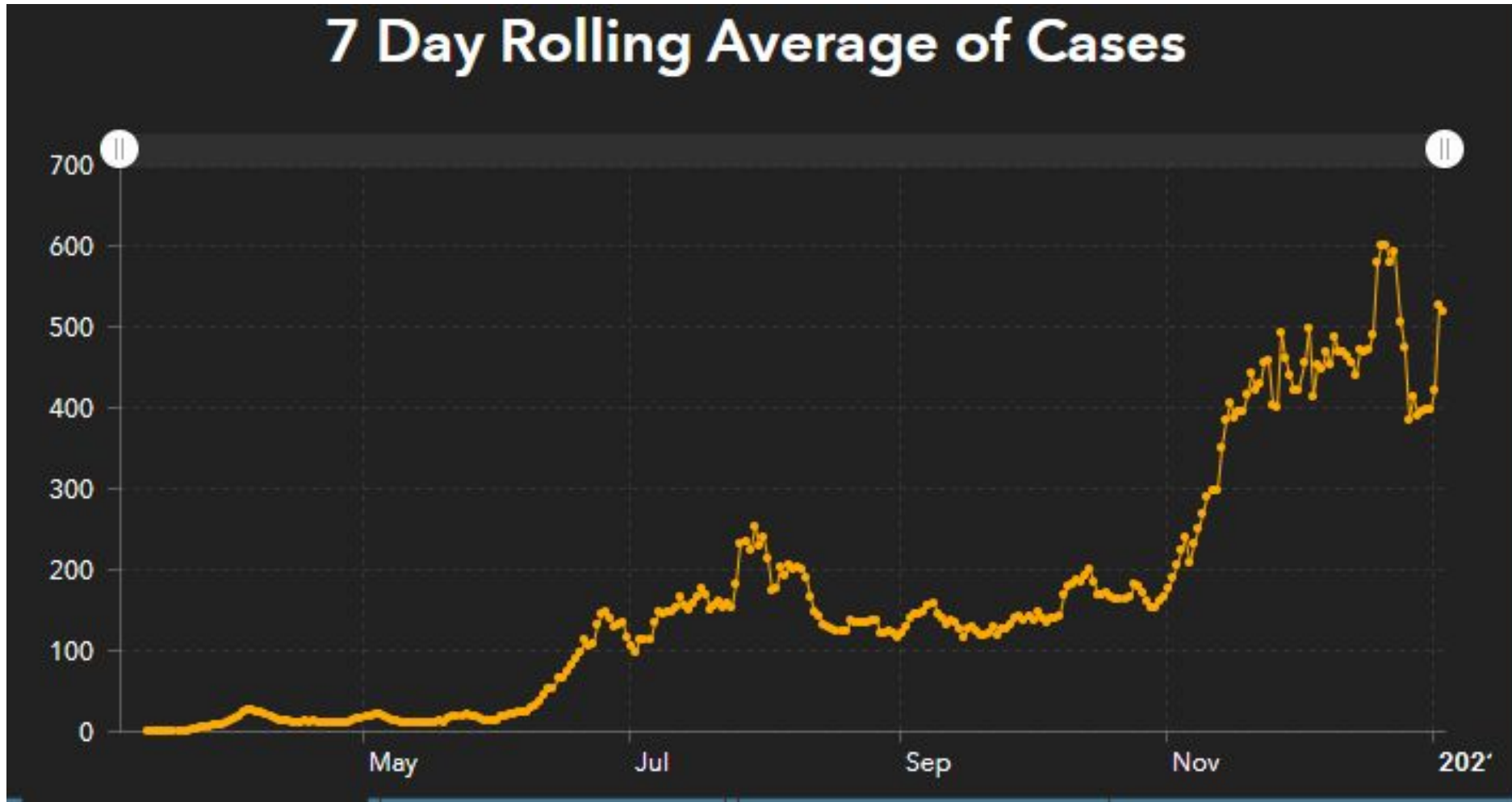


From 12/14 report:

- Oklahoma: 72.6 as of 12/12
- Tulsa County: 71.7 as of 12/12

**Updated**

# Foundational Health Care Metrics - 7 Day Rolling Average



Source: Tulsa Health Department. Data updated on 1/3/21. Reported 7 day rolling average of 517.1.



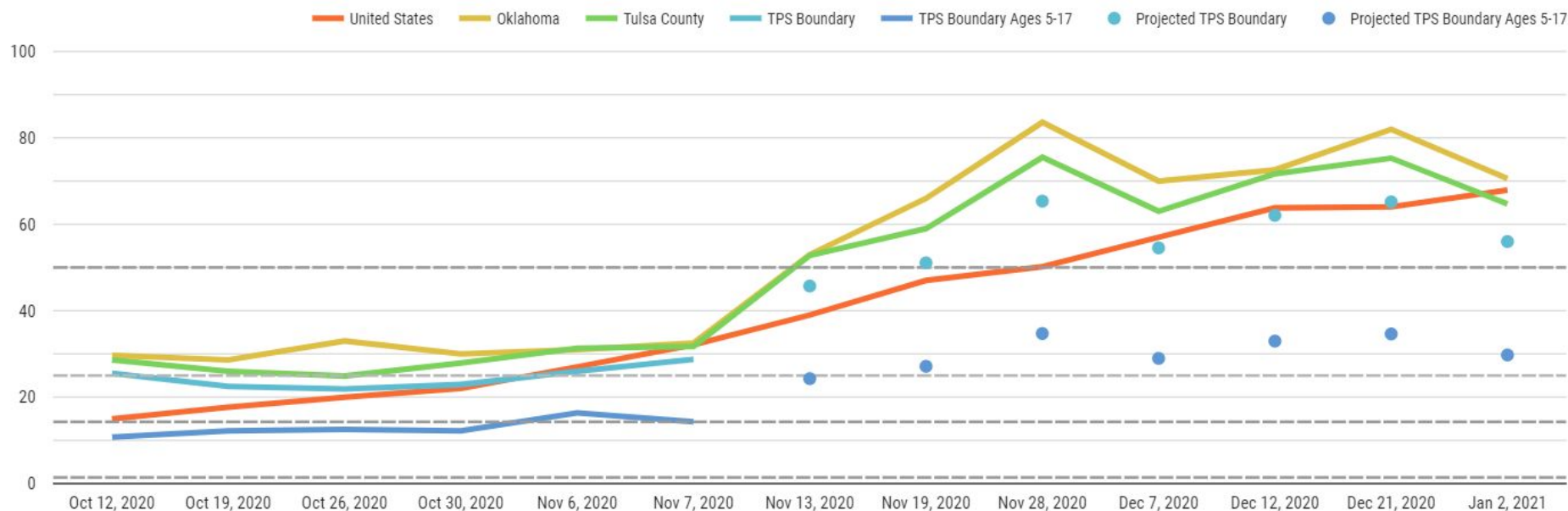
# Foundational Health Care Metrics

Updated

Jan 2, 2021

United States: **67.9**  
Oklahoma: **70.6**  
Tulsa County: **64.7**  
Projected TPS Boundary: **56.01**  
Projected TPS Boundary Ages 5-17: **29.76**

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



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

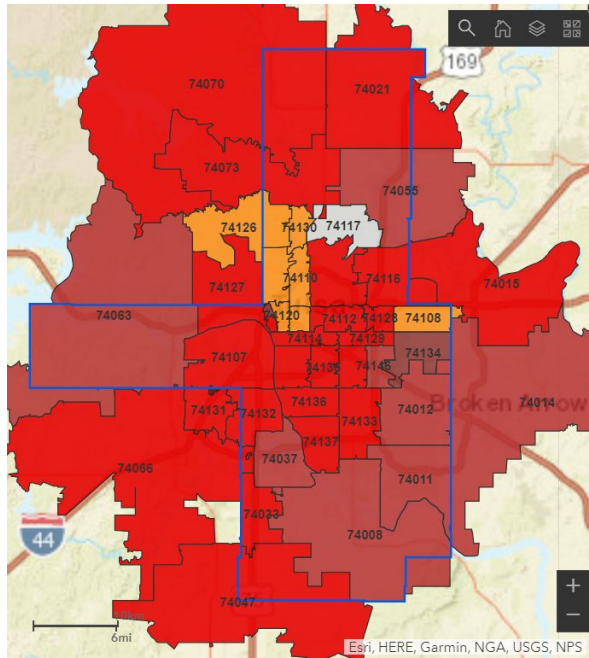
Note: Due to a change in reporting from the Oklahoma Department of Health, TPS boundary data are no longer able to be updated on a regular basis. Weekly projections based on the average percent difference between county and TPS data will be used according to the following historical averages:

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

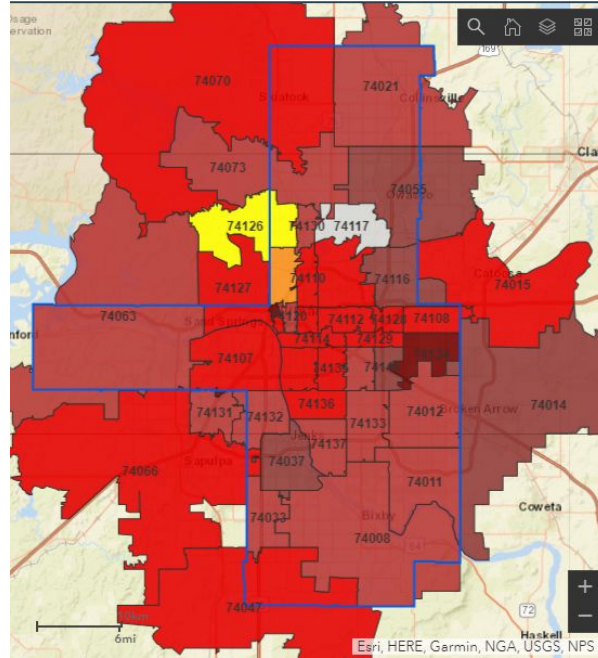
WORKING DRAFT

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

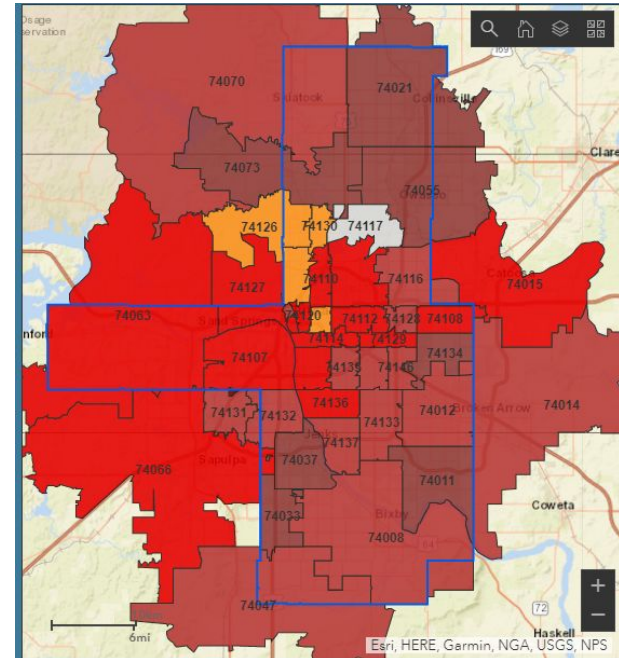
12/7/20



12/13/20



12/30/20



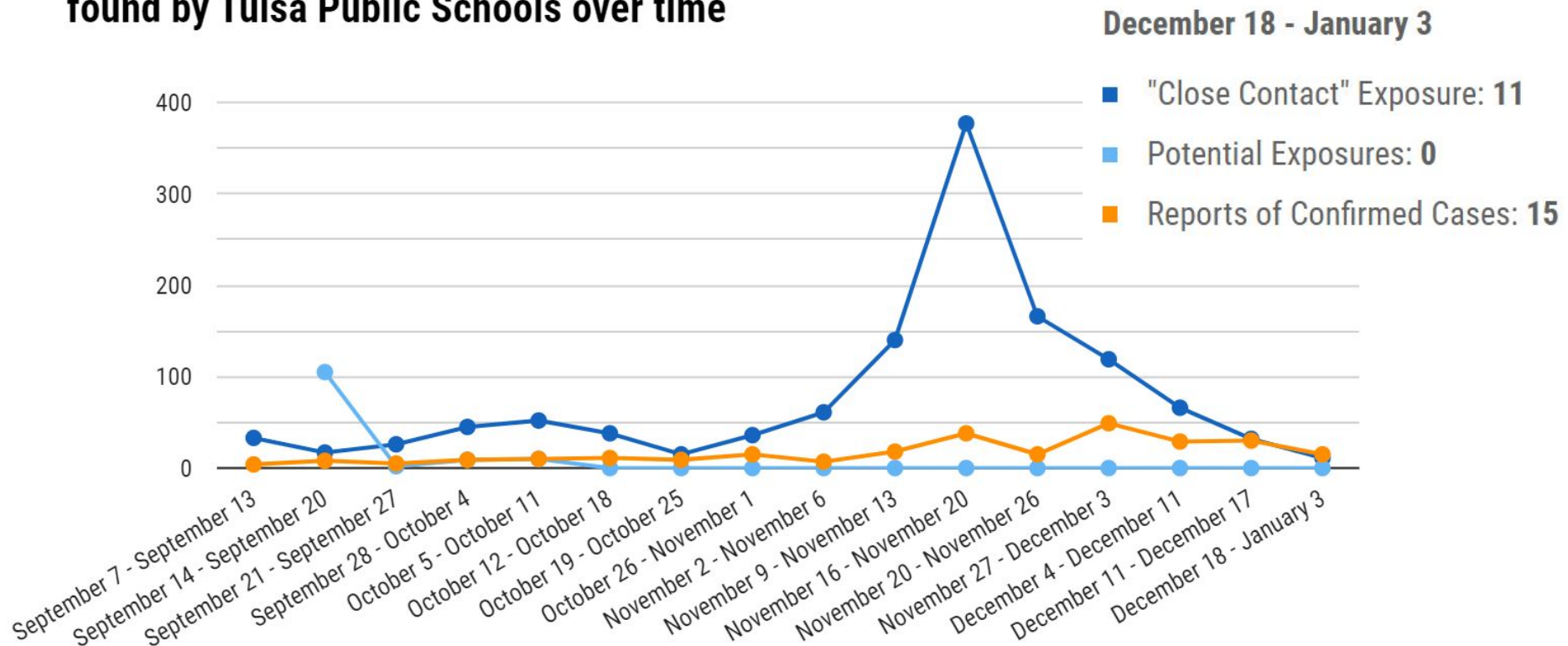
- 23 out of 42 zip codes are dark reds.



# 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

Dec 18, 2020

Jenks: 8.71%

Owasso: 4.43%

Union: 1.01%

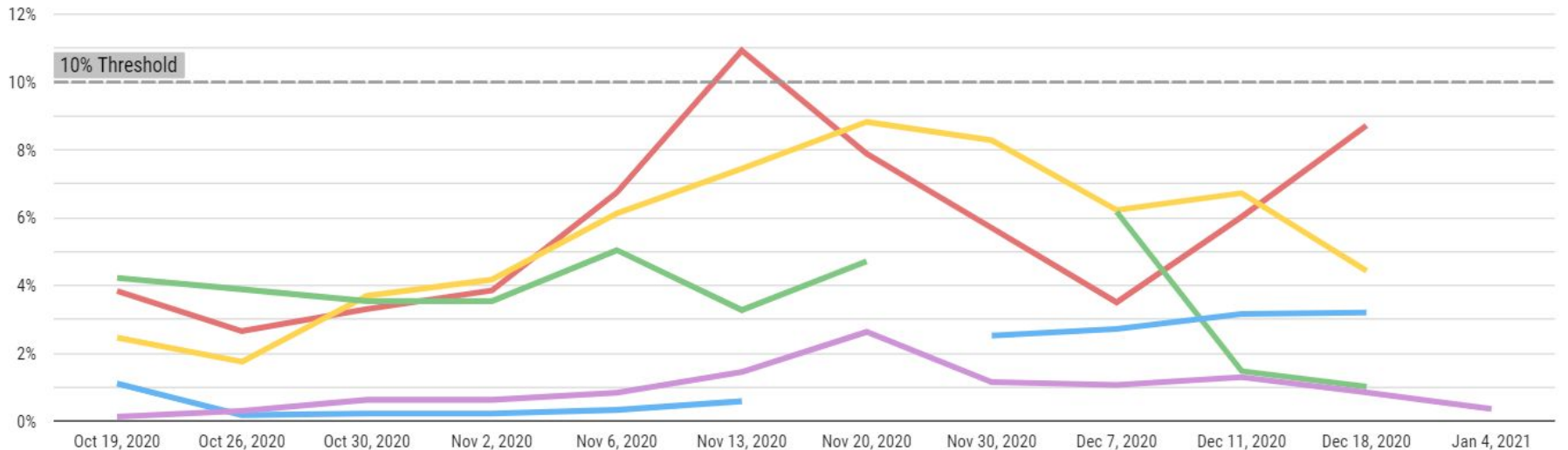
Broken Arrow\*\*: 3.2%

Jan 4, 2021

TPS\*: 0.35%

## 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



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

WORKING DRAFT

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

- Teachers and support staff were moved to Phase 2.
- Tulsa County is currently working to complete Phase 1 while transitioning into select priority groups within Phase 2.
  - Have already started taking appointments for police, fire, etc.
- No specific time frame yet for the educators in Phase 2. The next group is 65 and older which will take some time.
  - It will likely open up to additional groups within Phase 2 toward the end of January, depending on vaccine supplies.
- We are working with THD on the potential to establish Caring Van like initiatives to facilitate vaccination for teams at schools. No guarantee on feasibility but we are exploring options.



# DISCUSSION