

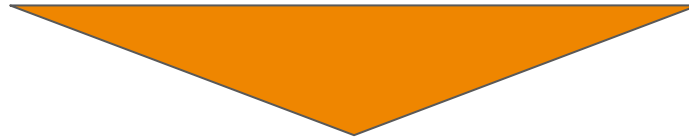
1/11/21 COVID-19 HEALTH DATA UPDATE

Briefings are posted on our website at 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.

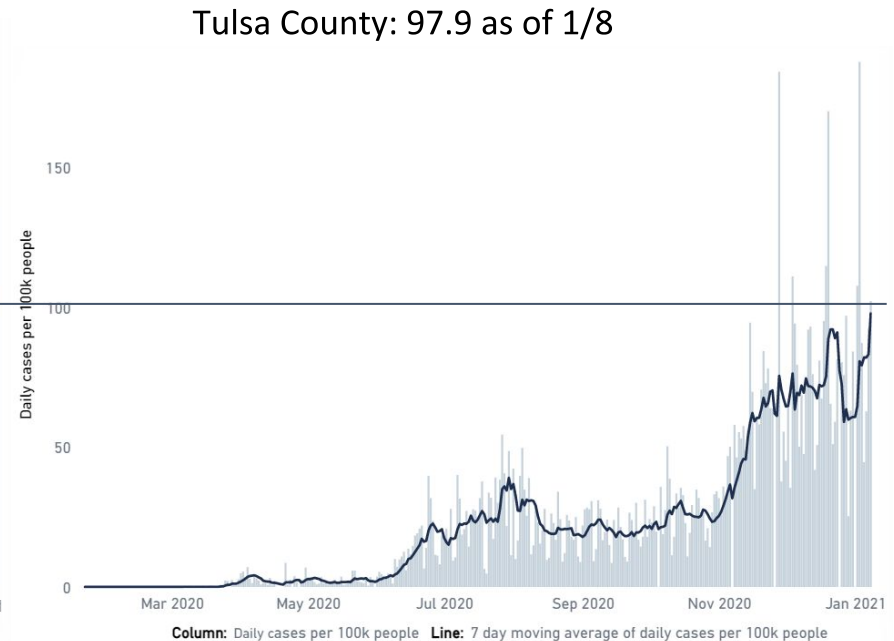
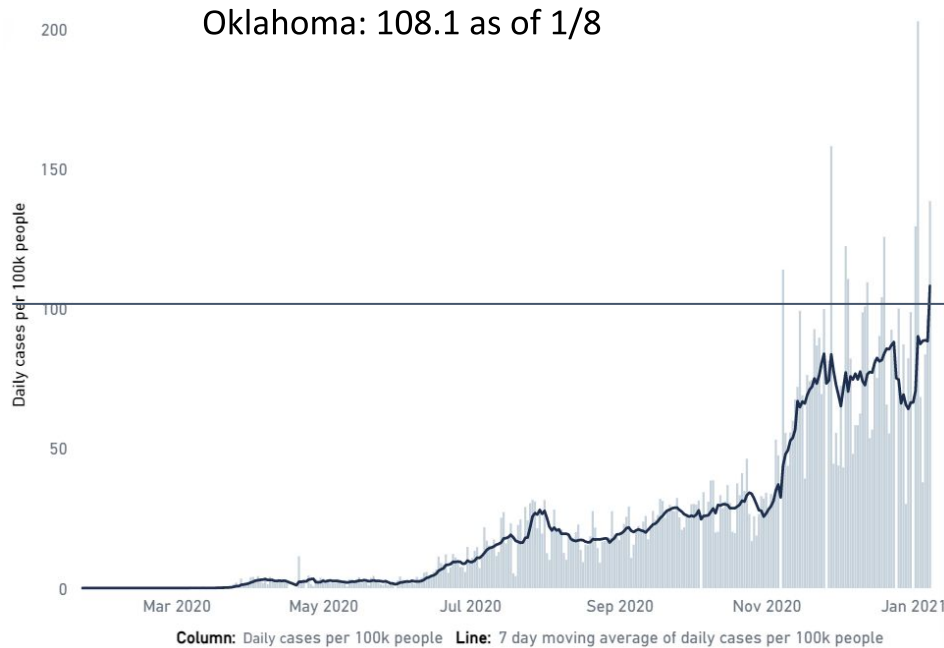
Early Warning Indicators

- 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.

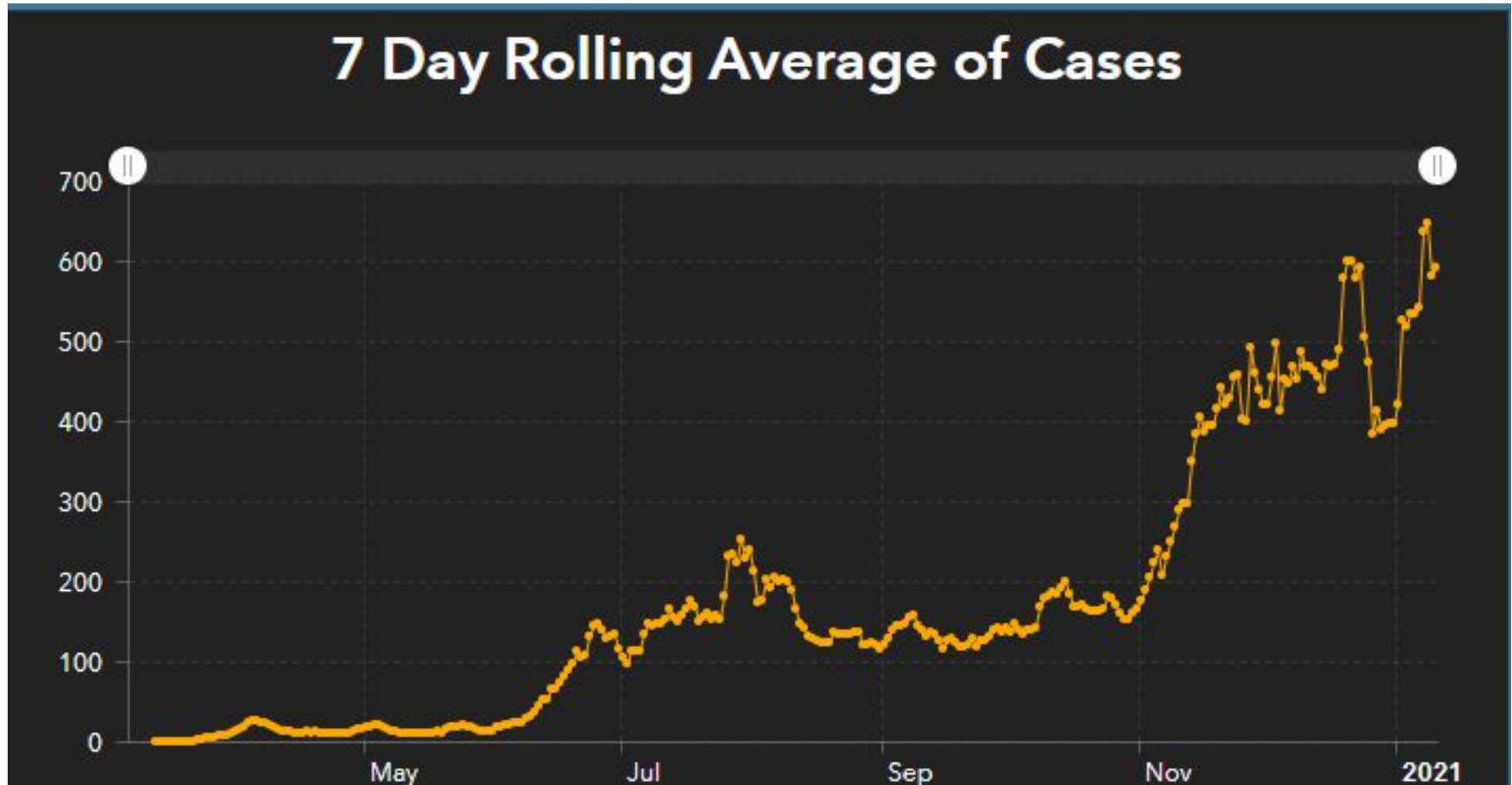


From 1/4 report:

- 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.

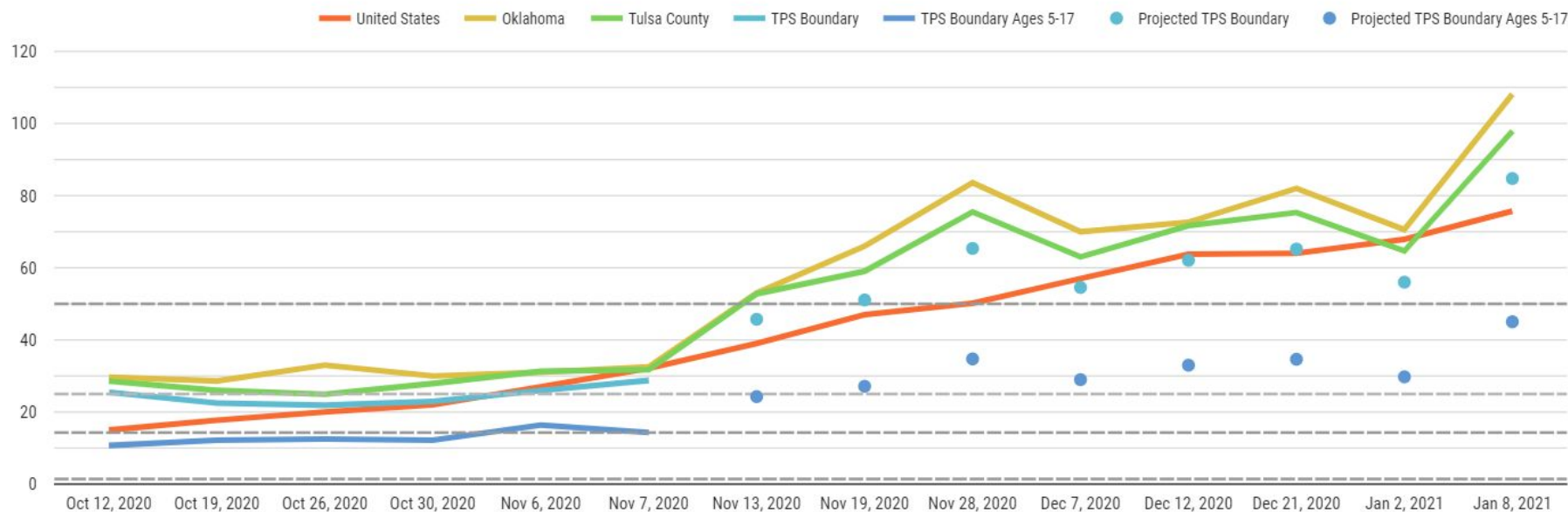
Foundational Health Care Metrics

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: [globeepidemics.org](https://www.globeepidemics.org), Tulsa Health Department

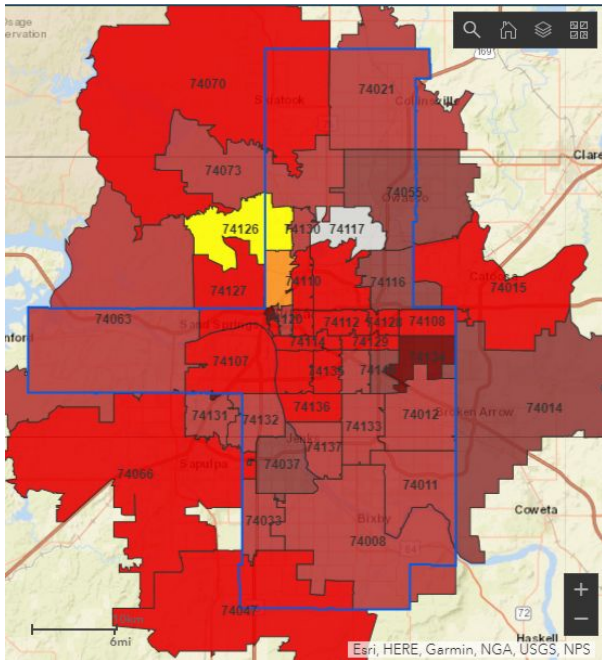
Note: Due to a change in reporting from the Oklahoma Department of Health, TPS boundary data are no longer able to be updated on a regular basis. Weekly projections based on the average percent difference between county and TPS data will be used according to the following historical averages:

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

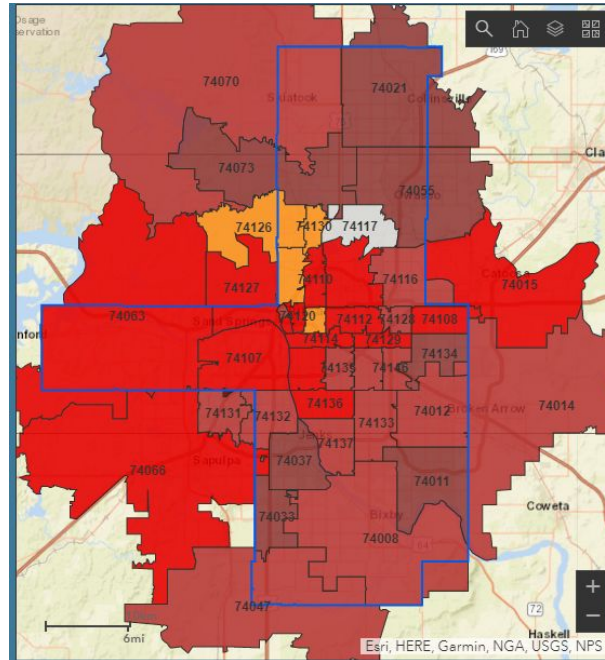
WORKING DRAFT

The majority of Tulsa county is now red and dark red

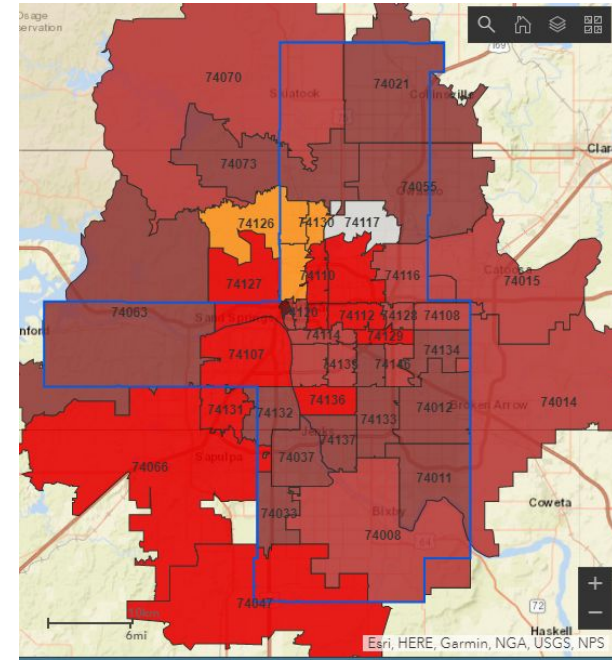
12/13/20



12/30/20



1/8/21

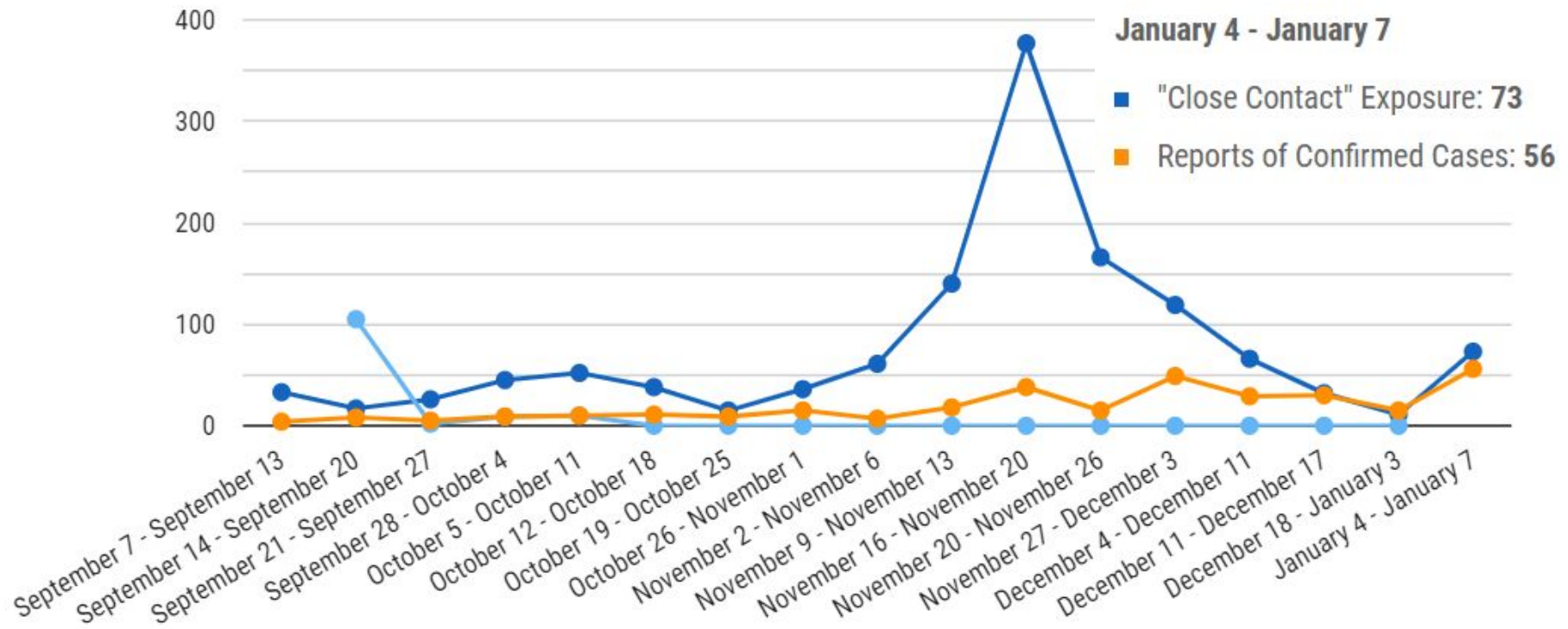


- 28 out of 42 zip codes are dark reds. Last report was 23 out of 42.

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

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

Jan 8, 2021

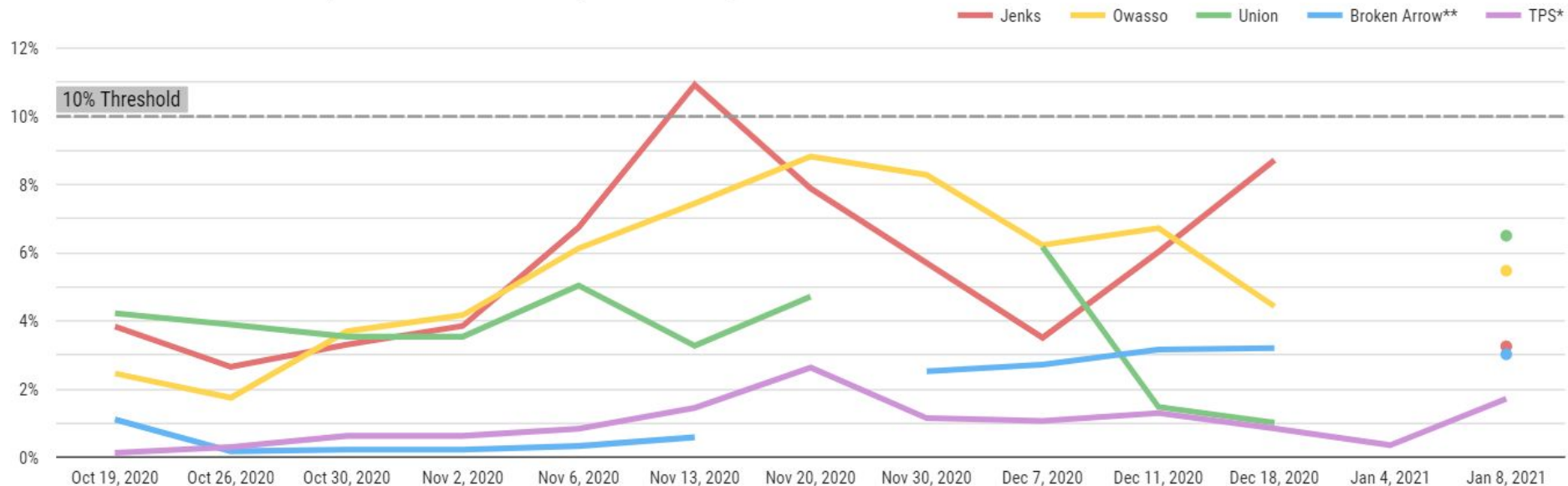
Jenks: 3.25%

Owasso: 5.47%

Union: 6.5%

Broken Arrow**: 3.02%

TPS*: 1.71%



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

Foundational System Metrics

Not Updated

PPE Category	Percent of all-time demand available
Hand sanitizer	1,183%
Disposable masks	27%
Wipes	147%

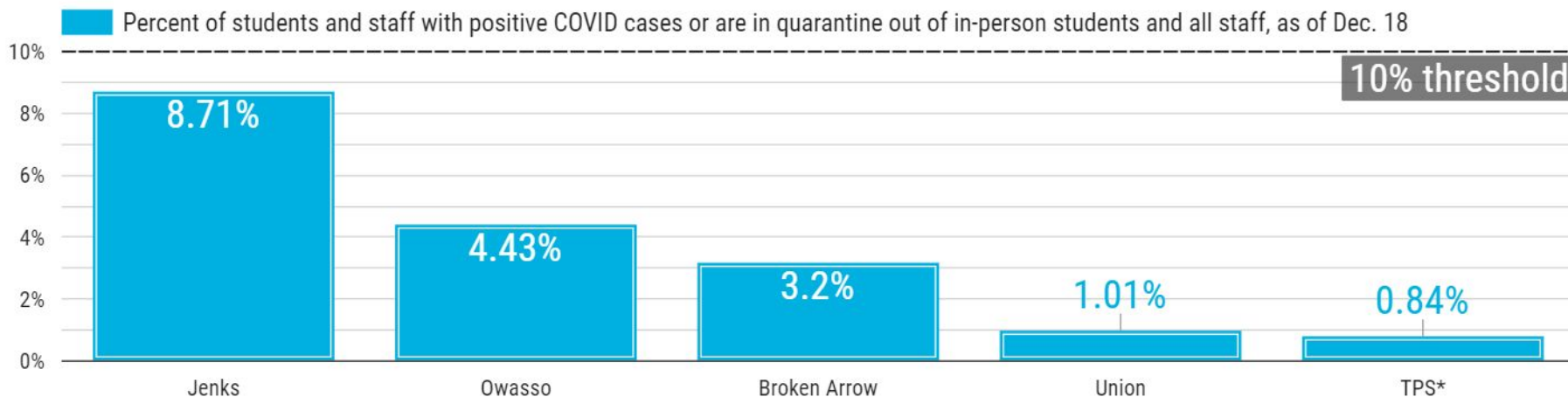
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- Staffing capacity and substitute fill rate continue to be a challenge.
 - Sub fill rate is currently at 47% (does not reflect secondary distance support)

Appendix

Early Warning Indicators at TPS Schools - 12/18/20 Update

UPDATED



School District	Number of positive student cases/quarantined students	Total number of in-person students	Number of positive staff cases/quarantined staff	Total number of staff	Number of positive cases/quarantined individuals	Total number of in-person students and all staff	Percent of students and staff with positive COVID cases or are in quarantine out of in-person students and all staff, as of Dec. 18
Jenks	990	10329	58	1697	1048	12026	8.71%
Owasso	381	8143	30	1143	411	9286	4.43%
Broken Arrow	530	18658	142	2350	672	21008	3.20%
Union	0	9809	119	1928	119	11737	1.01%
TPS*	19	1500	43	5864	62	7364	0.84%

Data source: District websites

*TPS in-person students includes only student athletes; and only includes new cases/exposures from the past week

Broken Arrow Public Schools now reports number of confirmed cases **and includes quarantined students

WORKING DRAFT

Districts Currently in Distance Learning

District	Elementary	Middle School	High School	Distance Learning Dates	Scheduled Return Date <small>(pending updates)</small>
OKCPS	✓	✓	✓	November 16 - December 18	TBD (next semester)
TPS*	☐	✓	✓	4-6th: August 31 - November 20 Secondary: August 31 - December 18	4-6th: November 30 Secondary: January 4
Union**	☐	✓	✓	November 12 - November 20	November 30
Owasso	☐	☐	✓	November 18 - December 18	TBD (next semester)
Sand Springs	✓	✓	✓	Secondary: November 12 - 24 Elementary: November 20 - 24	November 30
Broken Arrow***	☐	✓	✓	High School: November 9 - December 11 Middle School: November 10/12 - December 11	December 14
Tahlequah	✓	✓	✓	November 16 - 20	November 30
Jenks	☐	✓	✓	November 16 - December 4	December 7
Skiatook	✓	✓	✓	November 16 - 27	November 30
Bixby****	✓	✓	✓	November 9 - 20 - extended for ALL	TBD (next semester)
Muskogee	✓	✓	✓	November 16 - 24	November 30

*PK - 3 currently in-person, 4th-6th (elementary) scheduled to return in-person on Nov. 30; 1 full elementary school currently in distance learning

**Boevers Elementary currently in distance learning

***Aspen Creek Elementary (and ECE center) currently in distance learning

****North Elementary currently in distance learning

The following is a list of districts moving to distance learning

Bixby Public Schools: Bixby Public Schools announced they will transition students in grades 9-12 to distance learning for two weeks starting on November 9. The district said this was due to the rate of COVID-19 transmission in their community.

Broken Arrow Public Schools: Broken Arrow Public Schools announced all students in grades 9-12 will move to distance learning starting Monday, Nov. 9. Officials said the distance learning will conclude on Friday, Nov. 20. And as of Tuesday, Nov. 10, students at Centennial Middle School and Sequoyah Middle School will also be moving to distance learning through Friday, Nov. 20. Those students will return to regular instruction on Monday, Nov. 30, as well.

Central Public Schools: Central Public Schools said they will transition to distance learning starting on November 10 and in-person classes will resume November 30.

Collinsville Public Schools: Collinsville Public Schools announced Nov. 14 that classes will pivot to distance learning/remote educations at all of its campuses beginning Monday, Nov. 16 and lasting through Tuesday, Nov. 24. Following Thanksgiving break (Wednesday, Nov. 25 through Sunday, Nov. 29), the district plans to return to in-person learning on Monday, Nov. 30.

Glenpool Public Schools: Glenpool Public Schools will transition students to distance learning from November 16 to November 20 after having 16 students and staff test positive for COVID-19 since Wednesday.

Henryetta Public Schools: Henryetta Public Schools said the high school will transition to distance learning starting November 12 through November 30 due to an increase in COVID-19 cases.

Jenks Public Schools: Jenks Public Schools officials said students in grades 7-12 will be moving to distance learning. 7-12th grade students will begin distance learning on Monday, Nov. 16th and will return to school on December 7th.

Nowata Public Schools: Nowata Public Schools announced on Nov. 15 that it will transition to distance learning at the district's middle school and high school beginning Monday, Nov. 16 through the end of the week. The district said a positive COVID-19 case is confirmed at the district's middle school. The district's elementary school will continue with in-person learning this week.

Oologah-Talala Schools: Oologah-Talala Schools is switching to distanced learning for all students from December 7th until December 18th.

Owasso Public Schools: Beginning Wednesday, Nov. 18, Owasso Public Schools said students in grades nine through 12 will pivot to distant learning for the remainder of the fall semester. In-person instruction will continue for students in grades Pre-K through eighth.

The following is a list of districts moving to distance learning..cont

Pawhuska Public Schools: The district announced that a student has tested positive for COVID-19. Due to the positive test and potential exposure, the district said the junior high and the high school will pivot to distance learning beginning Monday, Nov. 16 and lasting through Friday, Nov. 20. Both elementary schools will continue to operate on a normal schedule.

Owasso Public Schools: Owasso Public School students in grades 9-12 will "pivot to home" starting Nov. 18th through the remainder of the semester, Dec. 18th.

Sand Springs Public Schools - Sand Springs will shift to its Distance Learning Model for grades 6 through 12 beginning Thursday, November 12. They will return to in-person learning on Monday, November 30, following Thanksgiving Break.

Sequoyah Public Schools: The district said Sequoyah Mid-High and High schools will pivot to distance learning and return to in-person learning on November 30, 2020. Sequoyah Upper Elementary Grade 5 (only) will pivot to distance learning and return to in-person learning on December 4, 2020.

Skiatook Public Schools - Skiatook Public Schools will pivot to distance learning for one week starting Monday, November 16 - Friday, November 20. This is for the entire district.

Stillwater Public Schools: Stillwater Public Schools announced that, due to rapidly rising COVID-19 numbers in the county, all students will move to distance learning during the week of November 16-20.

Tahlequah Public Schools: Tahlequah Public Schools will move their district to virtual learning starting on November 16 through November 20.

Union Public Schools: Union Public Schools has announced that students at Boevers Elementary and those in grades 6-12 will move to distance learning beginning this Thursday, Nov. 12. School officials say those students will return to campus on Monday Nov, 30 after Thanksgiving.

Vinita Public Schools: The district announced Sunday, Nov. 8th that Vinita Middle School will transition to distance learning due to additional COVID-19 cases.

Webbers Falls Public Schools: The district announced that all students will shift to distance learning effective November 16 through November 20 due to the increase of COVID-19 cases in the school and community.