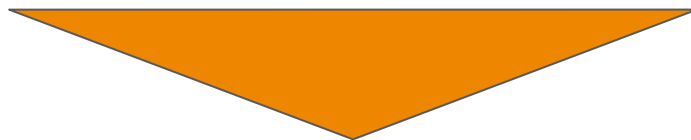


12/7/20 COVID-19 HEALTH DATA UPDATE

Refresher: our Health Data Monitoring Process

- The three categories of metrics will be 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 12/7 health data review

Foundational Health Care Metrics

- Trend continues to fluctuate but still at same high level over last 7-10 days; yet to see impact of Thanksgiving break and thus hard to the magnitude of the impact yet.

Early Warning Indicators

- Case counts for students/staff percentages went down last week as expected.
- Larger volume of overall positive cases in the last week, mainly for staff.
- Rapid testing started last week and plan to have data available at the board work session.

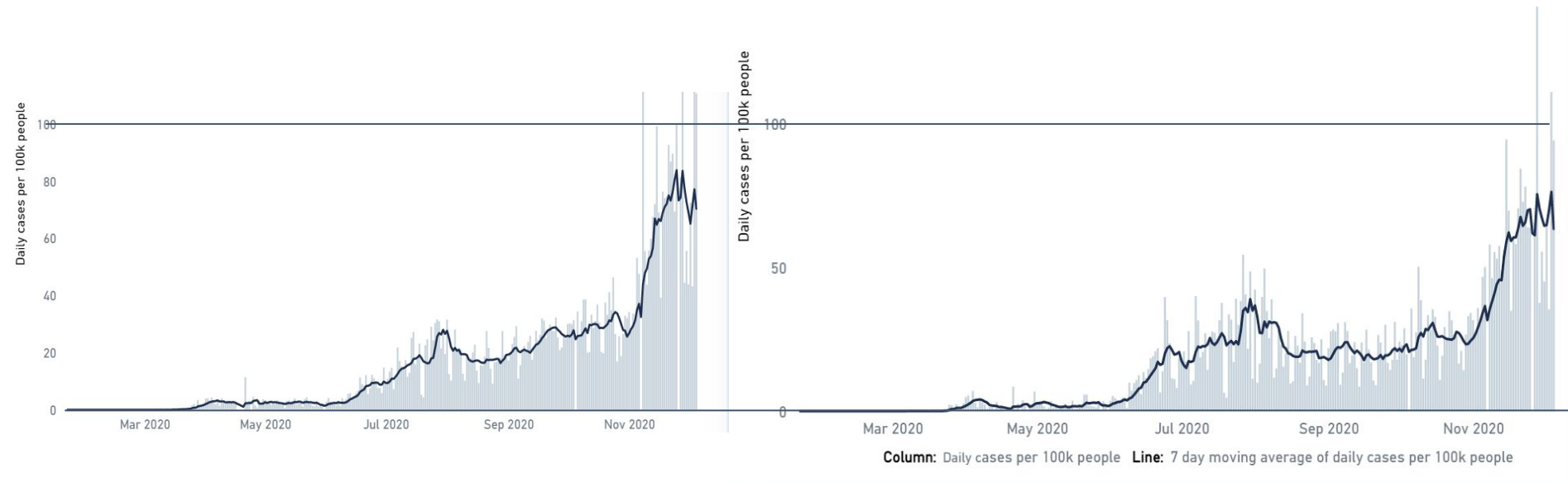
Foundational System Metrics

- Meaningful number of vacancies across Plant Operations, Transportation and Child Nutrition. Actively recruiting across all three teams and putting in place contingency plans, but not having students in schools has allowed us to maintain current services.
- Health care staff continues to experience vacancies. Working out options to continue to provide coverage.
- Monitoring a larger number of school-based employee absences (not related to COVID) along with COVID-related leave.

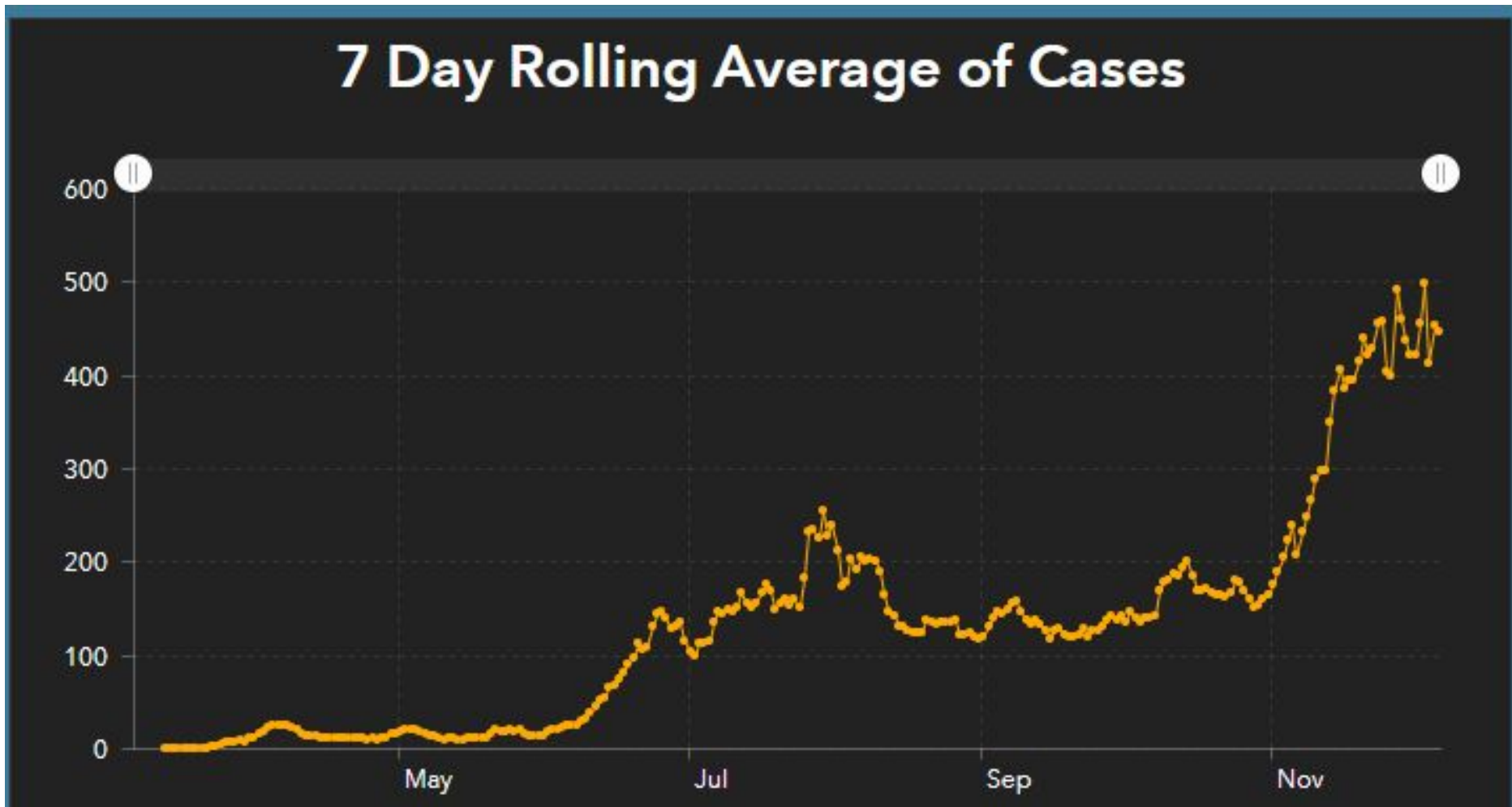
Foundational Health Care Metrics - Despite recent volatility, case rates have remained high

Oklahoma: 70.3 as of 12/5

Tulsa County: 63.5 as of 12/5

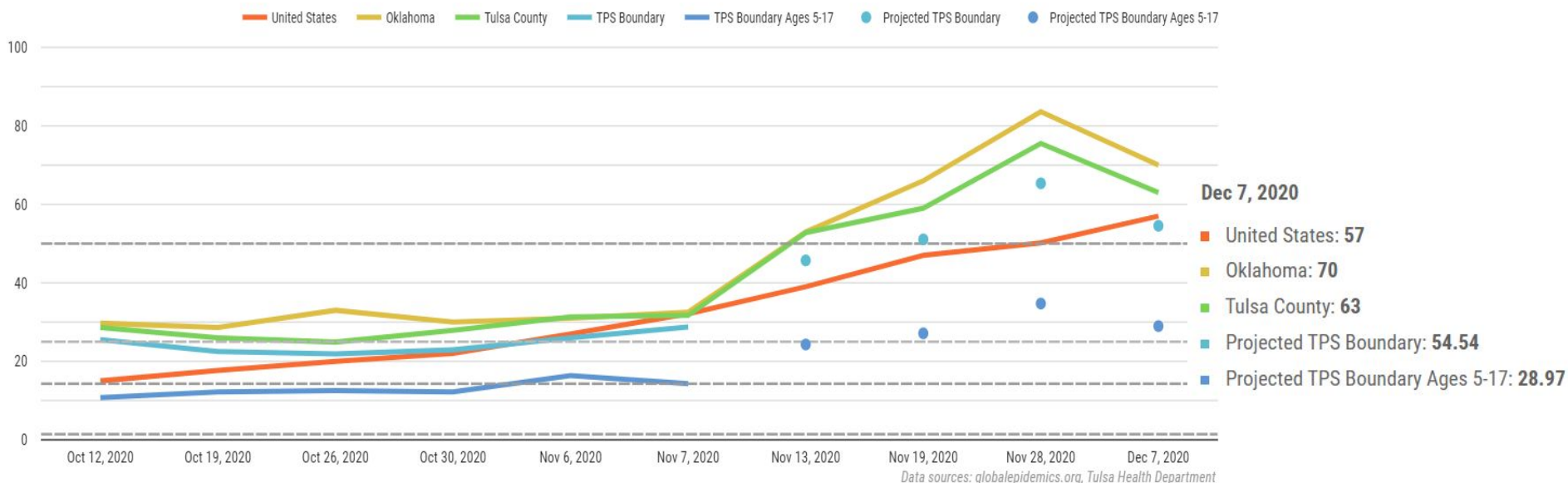


Foundational Health Care Metrics - 7 Day Rolling Average



Foundational Health Care Metrics

7-day Rolling Average New Cases per 100,000



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

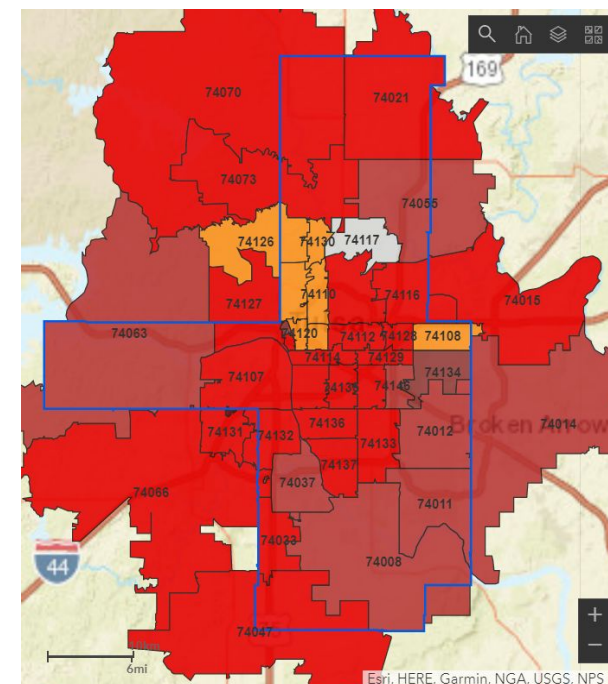
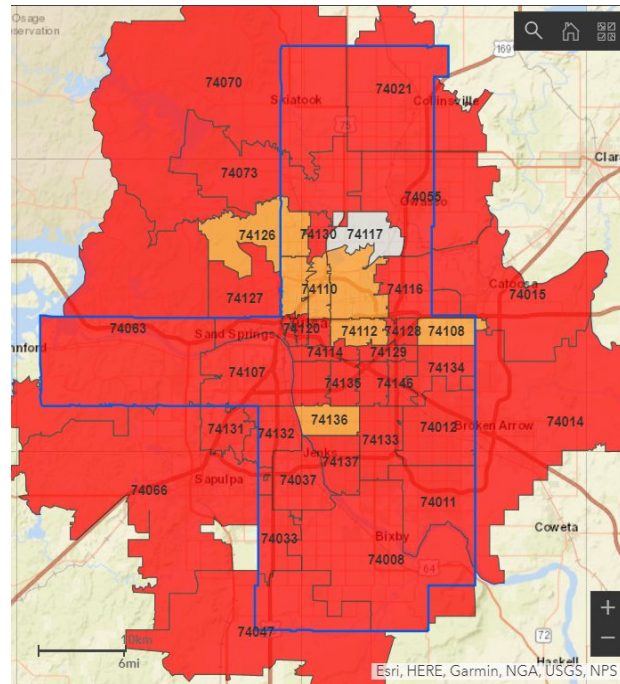
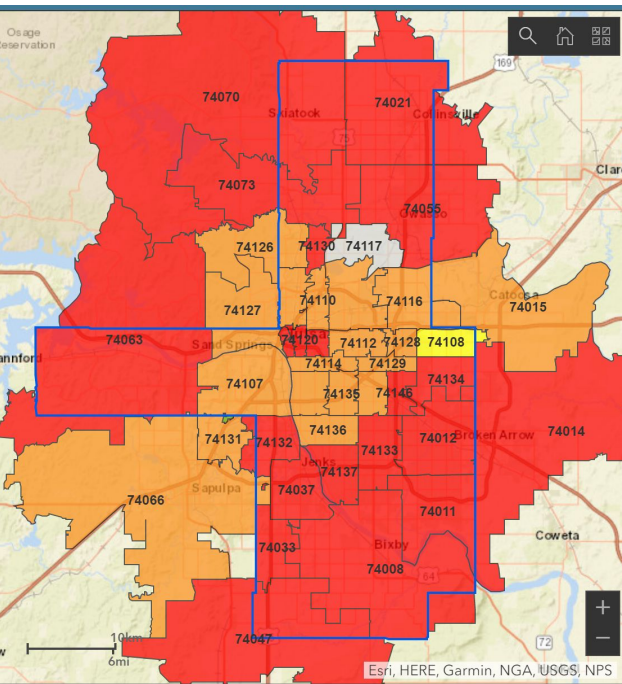
WORKING DRAFT

THD has introduced a dark red level for extremely severe risk. Nearly all of Tulsa Public Schools zip codes are red

11/07/20

11/20/20

12/7/20

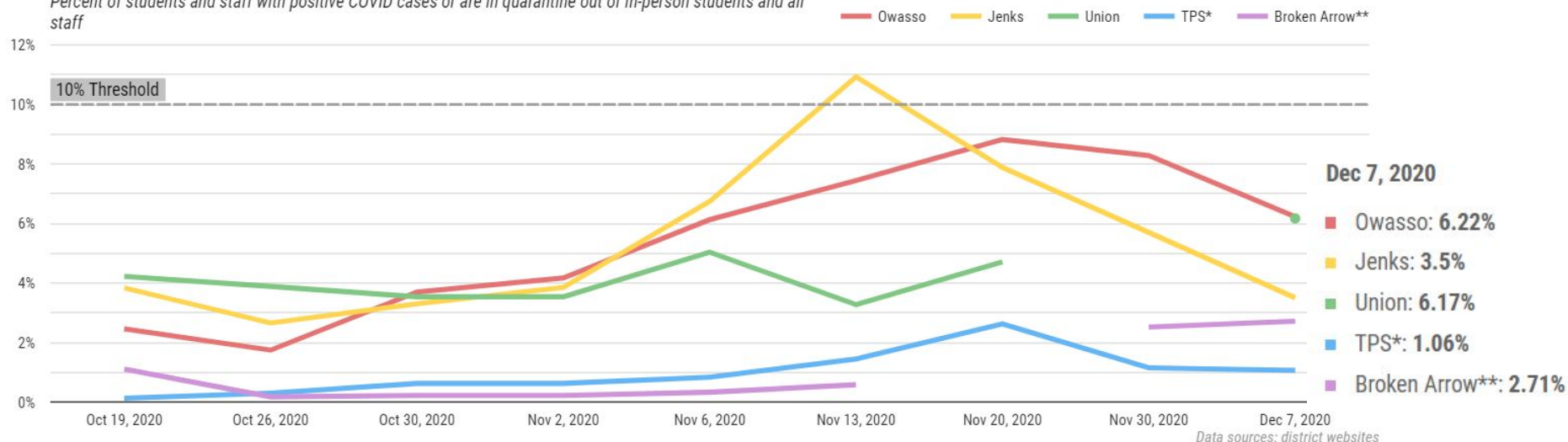


WORKING DRAFT

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

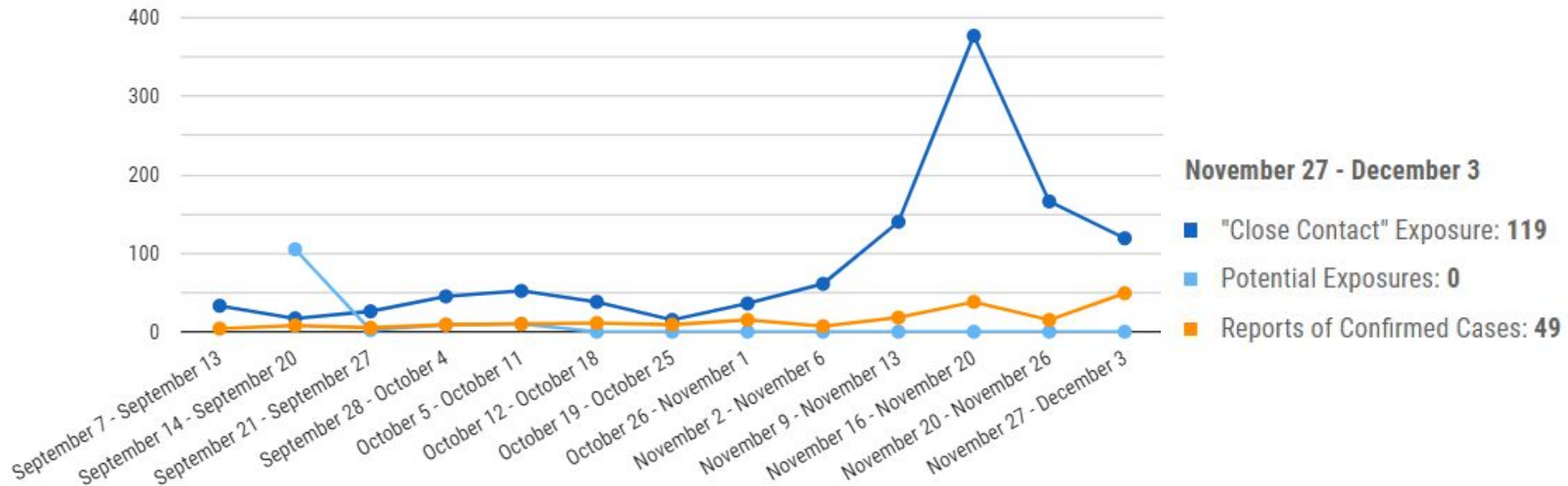


*TPS in-person students include Pre-k through 3rd graders, ESS students, and student athletes; and only includes new cases/exposures from the past week

**Broken Arrow Public Schools began including number of students in quarantine on November 30, 2020

Early Warning Indicators at TPS Schools - TREND

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



DISCUSSION

Foundational System Metrics

Not Updated

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

Last updated: 11/23/2020 9:20 AM

- 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

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.