

About Us

The Two Rivers Public Health Department (TRPHD) serves a population of 97,423 across seven counties in South-Central Nebraska, spanning 4,663 square miles. TRPHD is the 4th largest health district in Nebraska, its population mostly clustered around the I-80 corridor. Over 3/4th of residents live in Buffalo & Dawson, 10% in Phelps, and 15% in Kearney, Harlan, Franklin and Gosper Counties in decreasing order. The largest cities are Holdrege (pop. 5,515), Lexington (pop. 10,348) and Kearney (pop. 33,790); over half of the residents of TRPHD live in these three cities, over a third in Kearney city alone. Currently, there are seven health systems reporting Influenza (Flu) and Influenza-like Illness (ILI) surveillance data across the district: three in Buffalo and Dawson, two in Phelps, one each in Franklin, Harlan, and Kearney, and none Gosper Counties.

TRPHD engages collaborative partners, community leaders, and the public to promote healthy and safe communities for all who live within the district. TRPHD envisions a health district where all are able to safely and actively live, learn, work, and play in their communities. TRPHD facilitates collaborative, partnerships, and unique approaches that educate, empower, and engage local community partners, health providers, political decision-makers, community leadership, and the public.

Report Summary

- Weekly case reports of Influenza A has increased dramatically, surpassing the long term average for this time of the year.
- TRPHD recorded the first case of RSV in the district in Kearney County last week.
- Influenza-like-Illness related hospitalizations have shown a steady and progressive increase over the past 5 weeks - the appearance of step-ladder like increase is indicative of prolonged stay among a small cohort and continued admissions.

Data Insights

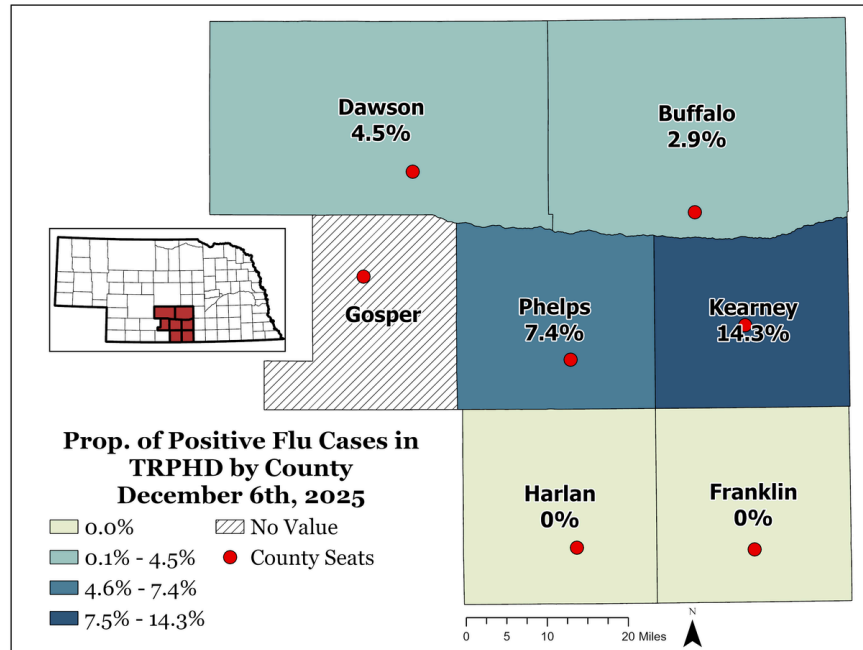
- Overall Respiratory Disease Positivity Rate is calculated by the following equation:
 - We applied a 3% overlap adjustment between Flu A and Flu B positive tests to account for the likelihood that a small percentage of individuals tested positive for both.

$$PR = \frac{((PosFluA + PosFluB - 0.03 \times (TotalFluTests)) + PosRSV + PosCOVID)}{(TotalFluTests + TotalRSVTests + TotalCOVIDTests)}$$

- Flu and RSV county data is collected from Nebraska Flu ILI Surveillance.
- COVID-19 county data is collected from the National Electronic Disease Surveillance System (NEDSS).
- Weekly Case counts of any infection exceeding 150% of the corresponding week in the previous year will trigger an alert for heightened incidence across the district.

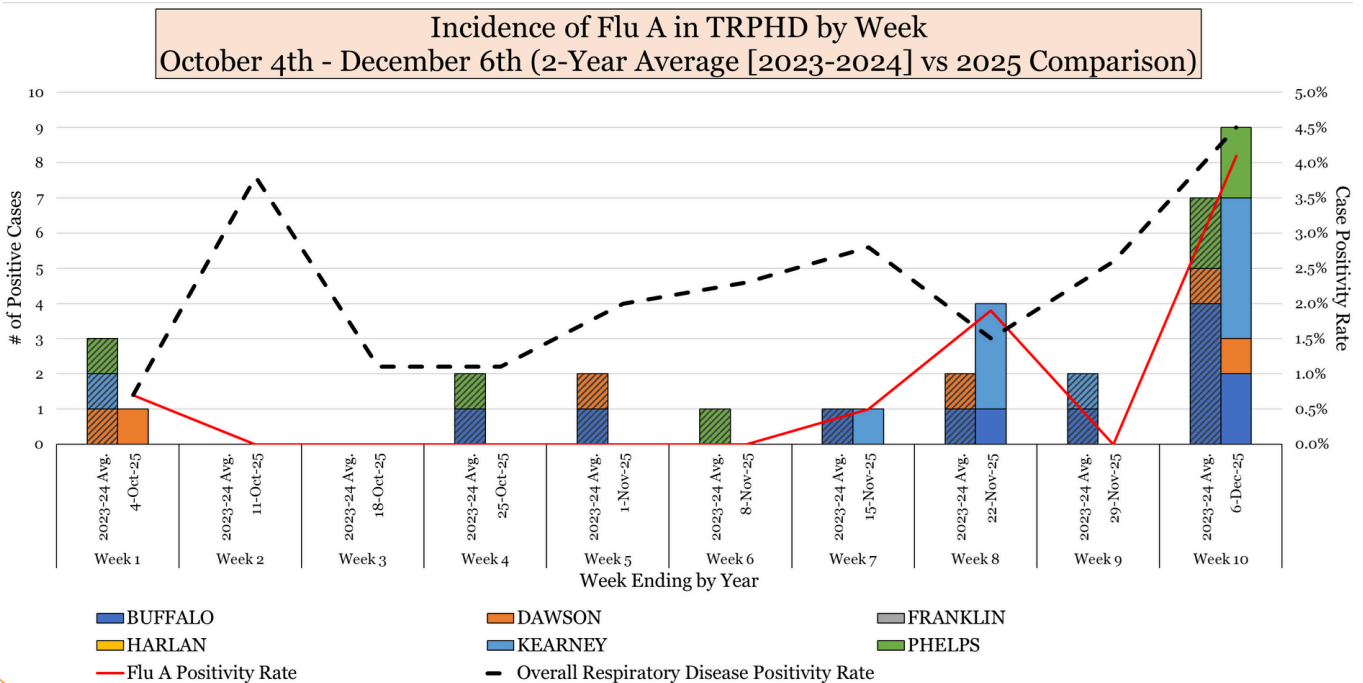
TRPHD Flu Cases

December 6, 2025



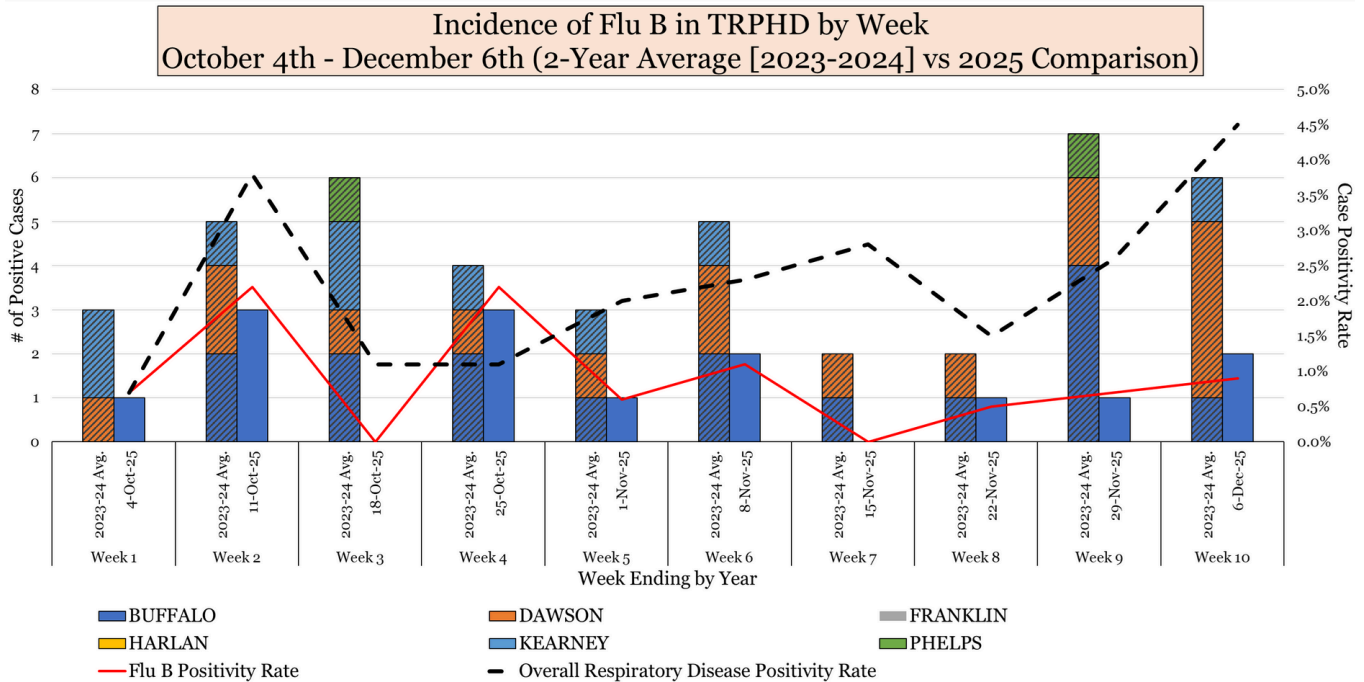
Influenza

- After weeks of low incidence, Flu A cases jumped in the last week to 9 cases, surpassing the historic average for this time of the year.
- One in seven tests run in Kearney county returned positive for Flu A.



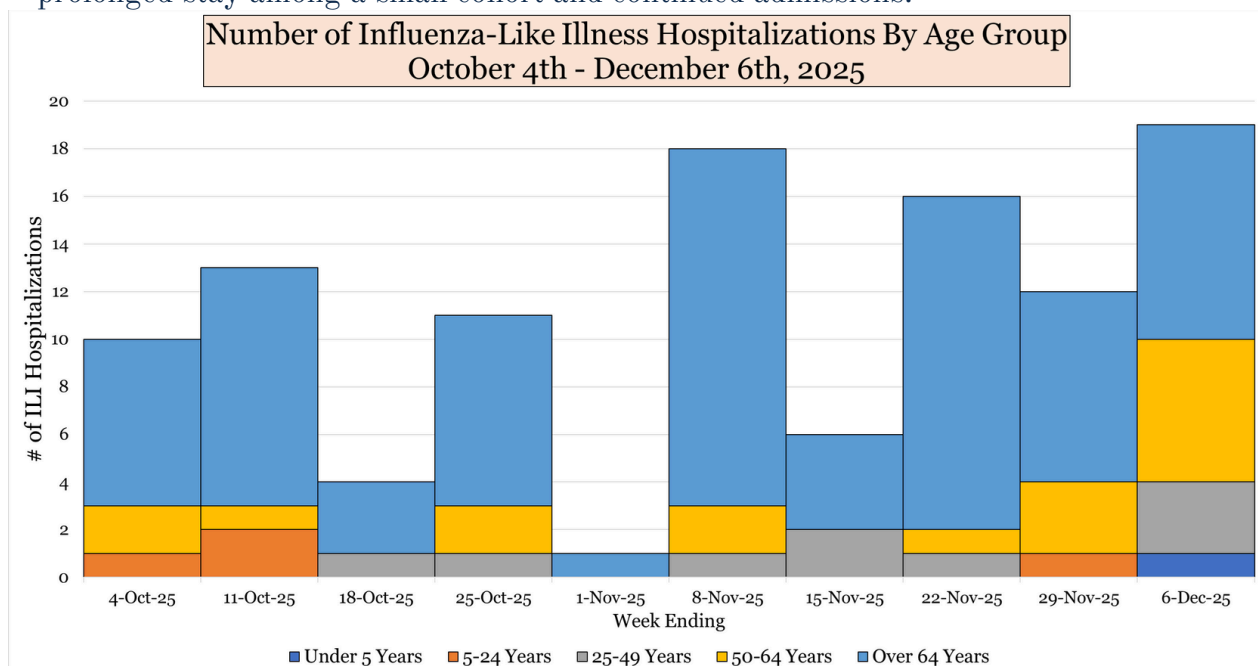
TRPHD Flu Cases

December 6, 2025



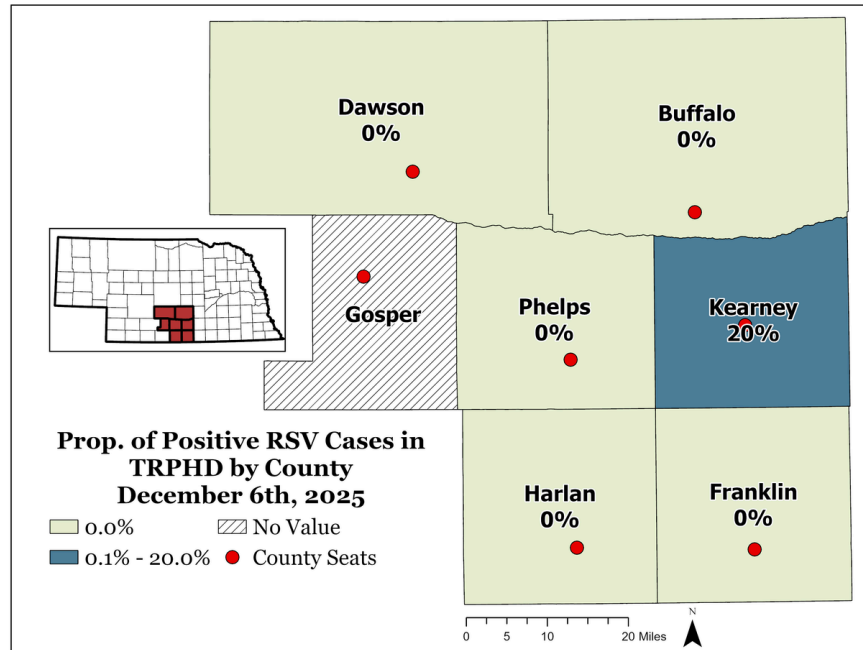
Influenza

- Influenza B cases have shown a steady rise over the past few weeks.
- Influenza-like-Illness related hospitalizations have shown a steady and progressive increase over the past 5 weeks - the appearance of step-ladder like increase is indicative of prolonged stay among a small cohort and continued admissions.



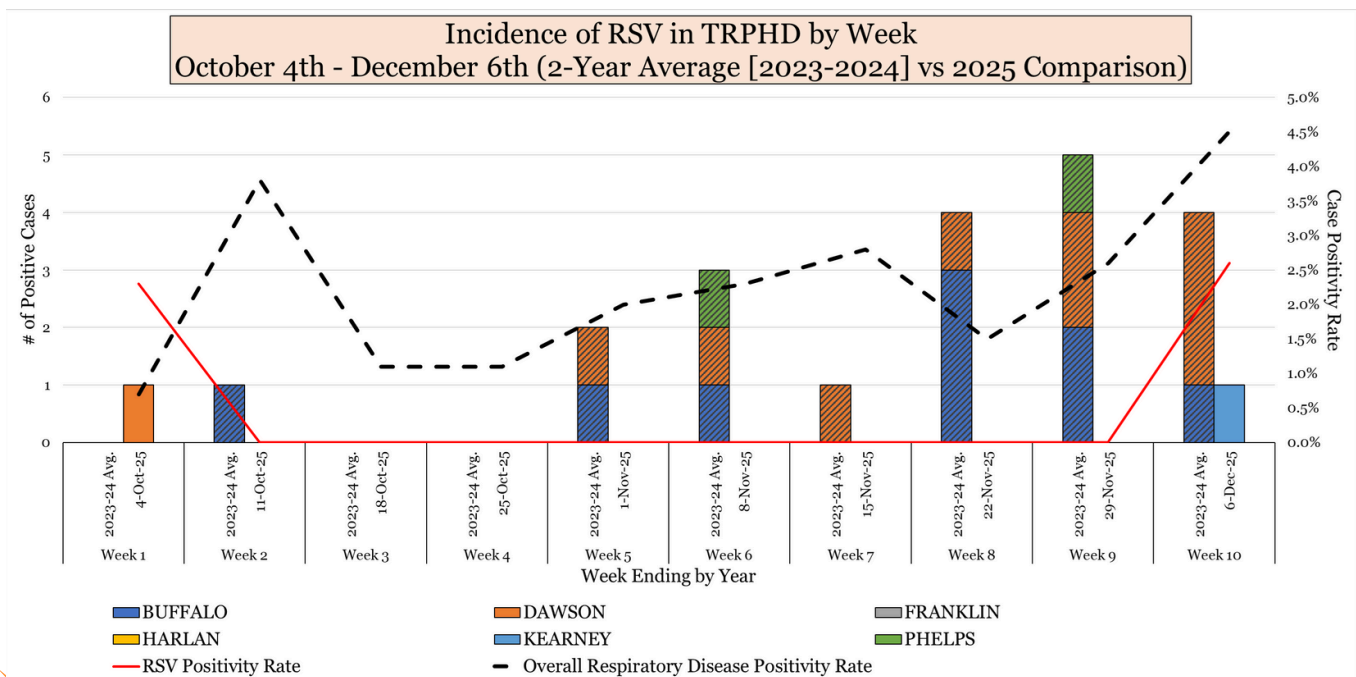
TRPHD RSV Cases

December 6, 2025



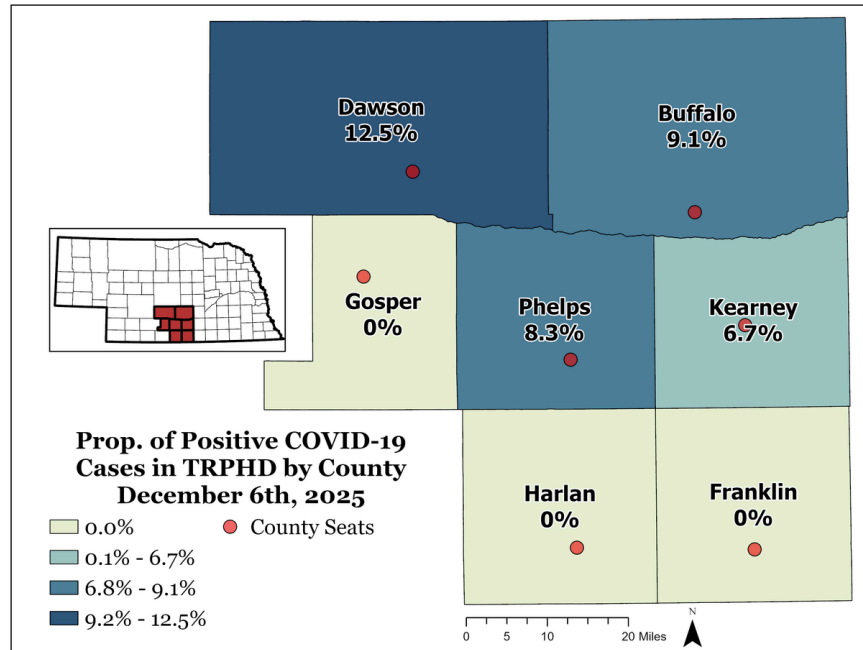
Respiratory Syncytial Virus (RSV)

- The second case of RSV this Respiratory Season was recorded last week in Kearney County.



TRPHD COVID-19 Cases

December 6, 2025



COVID-19

- COVID -19 patterns this year have followed those of Flu B, showing steady increase week to week over the past month.
- COVID rates, however, remain significantly below the long-term average for this time of the year.

