

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

- Influenza positivity rates doubled over the past two weeks. TRPHD recorded 4 cases of Flu A in the past week. 15 persons were hospitalized for Influenza-Like-Illnesses in the past week, a 2.5 times increase over the previous week.
- No cases of RSV were recorded in Two Rivers in the past week. COVID incidence remains around the same as the previous 2 weeks.

Data Insights

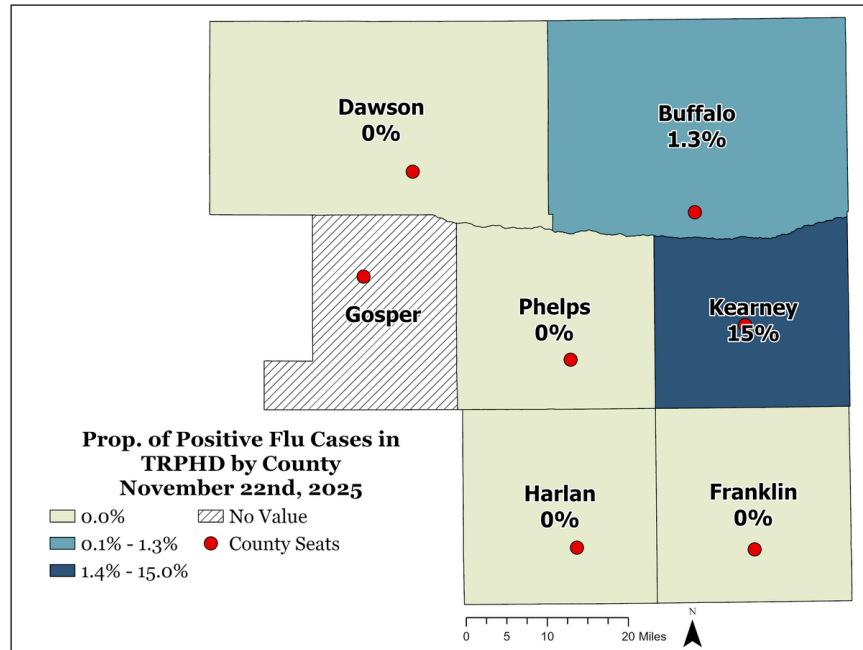
- Overall Respiratory Disease Positivity Rate is calculated by the following equation:
 - We applied a 3% overlap adjustment between Flu A and Flu B positive tests to account for the likelihood that a small percentage of individuals tested positive for both.

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

- 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.

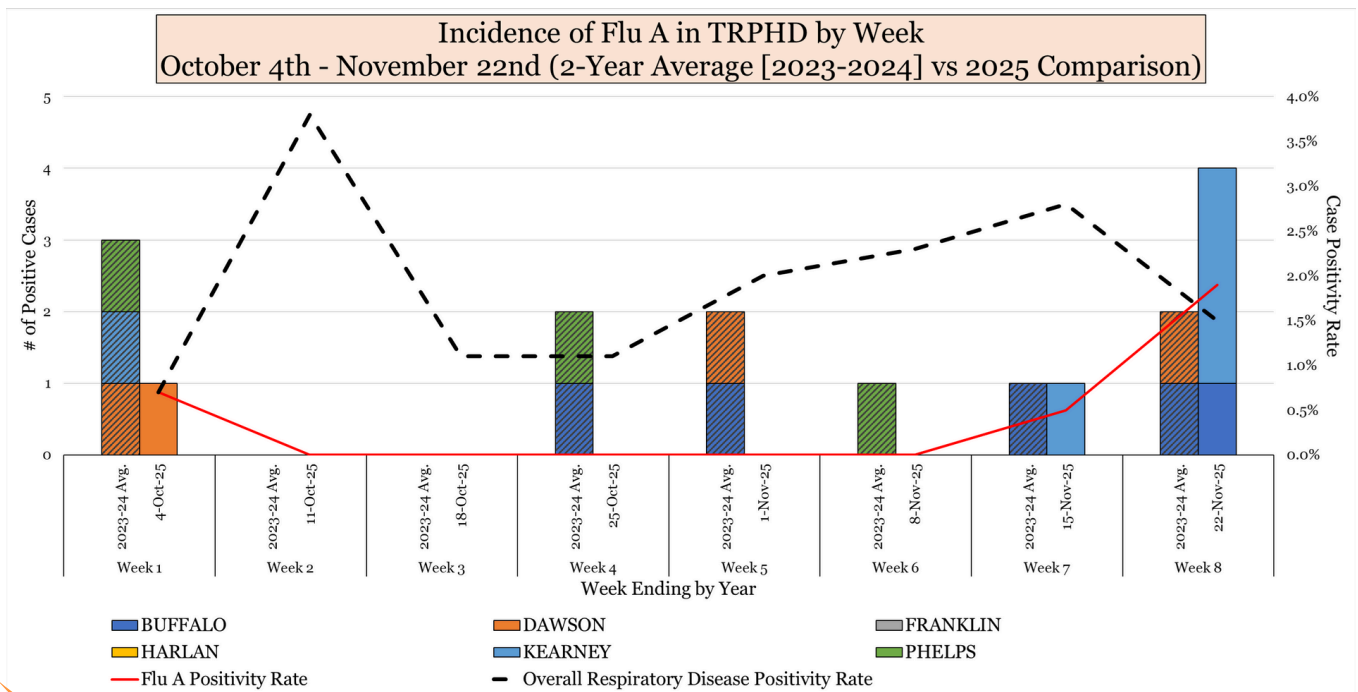
TRPHD Flu Cases

November 22, 2025



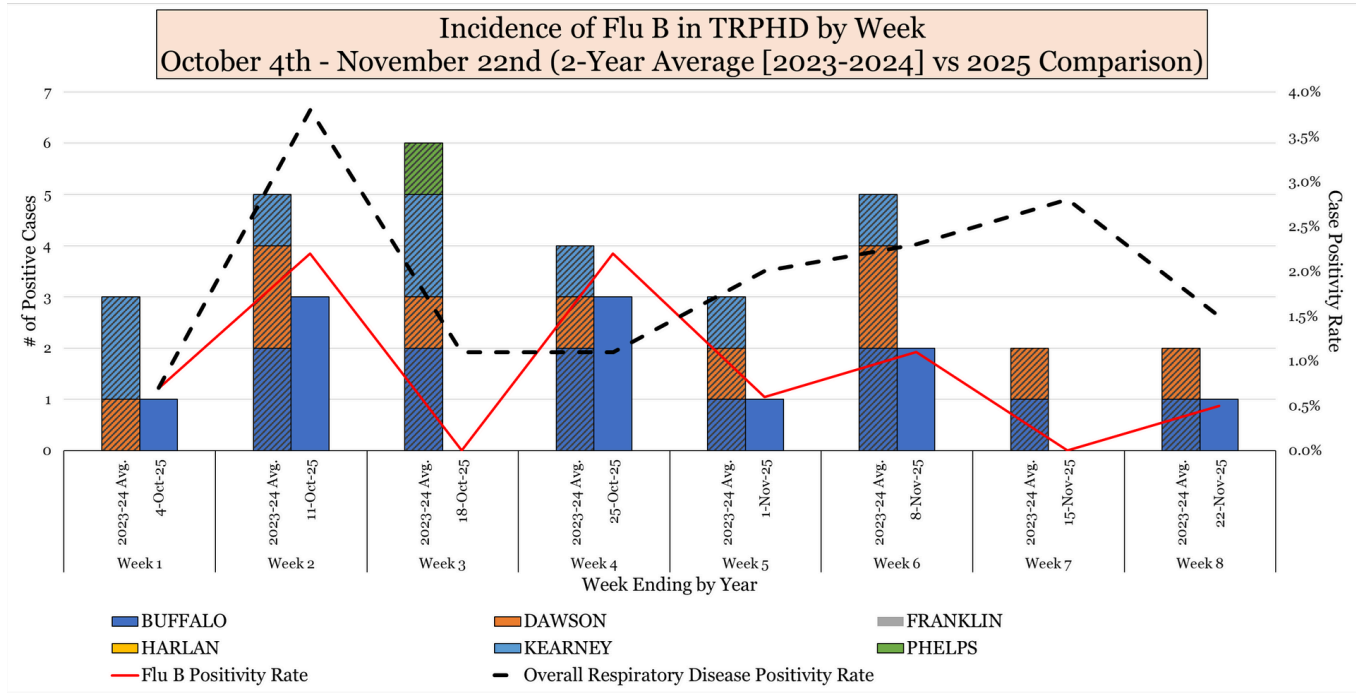
Influenza

- Influenza incidence has increased steadily over the past 2 weeks. Flu A rates have more than doubled in the past week.
- Influenza cases are limited to Buffalo and Kearney Counties.



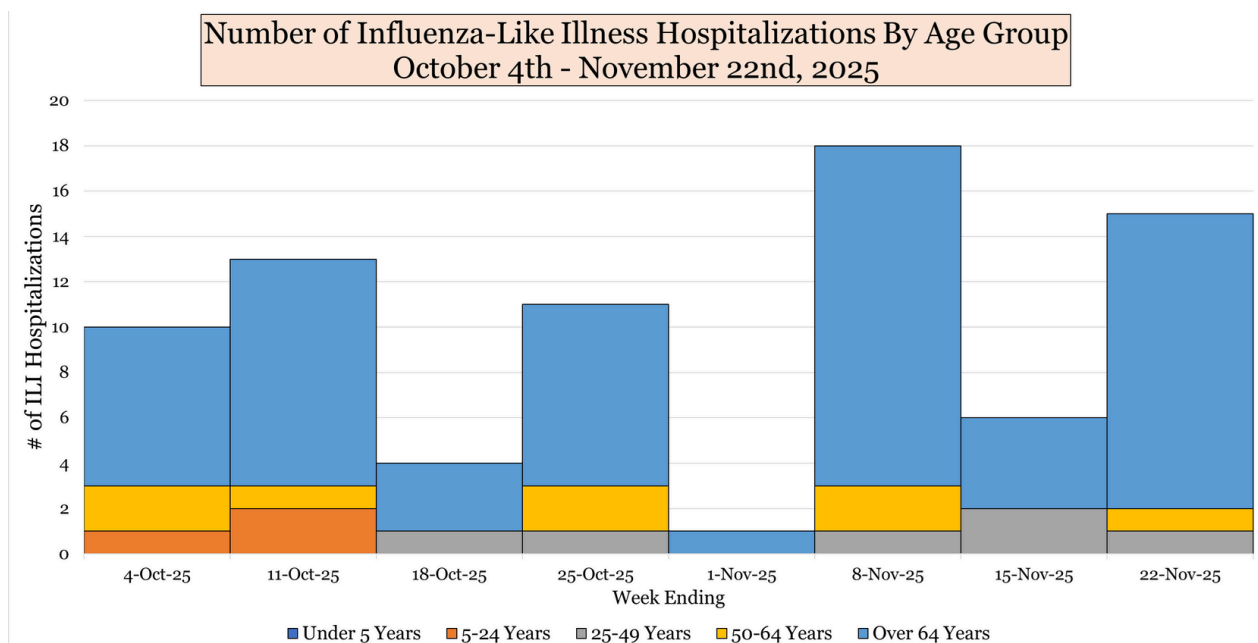
TRPHD Flu Cases

November 22, 2025



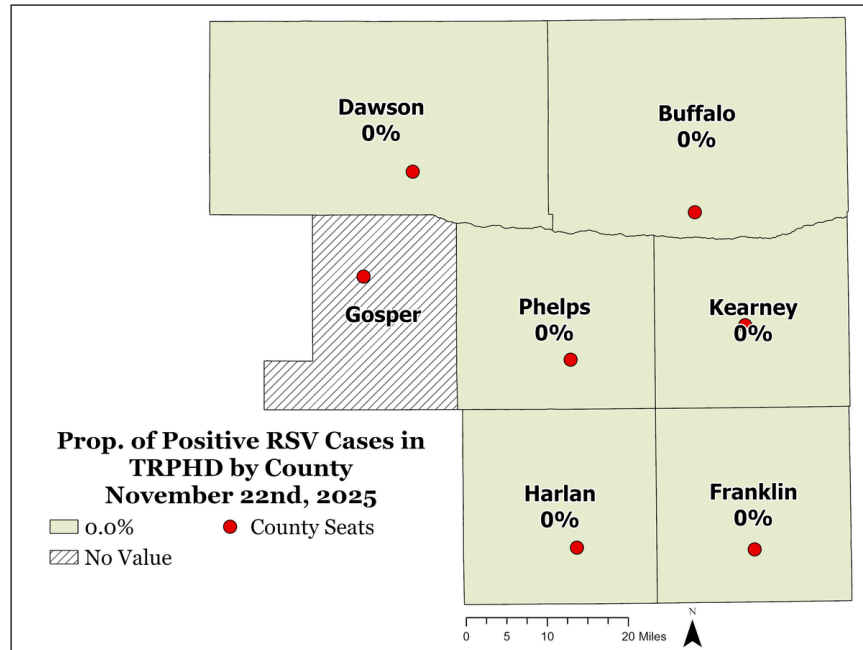
Influenza

- ILI hospitalizations have remained consistently high for the past 3 weeks; the proportion of 15-49 year olds hospitalized for flu is notable and closely watched.



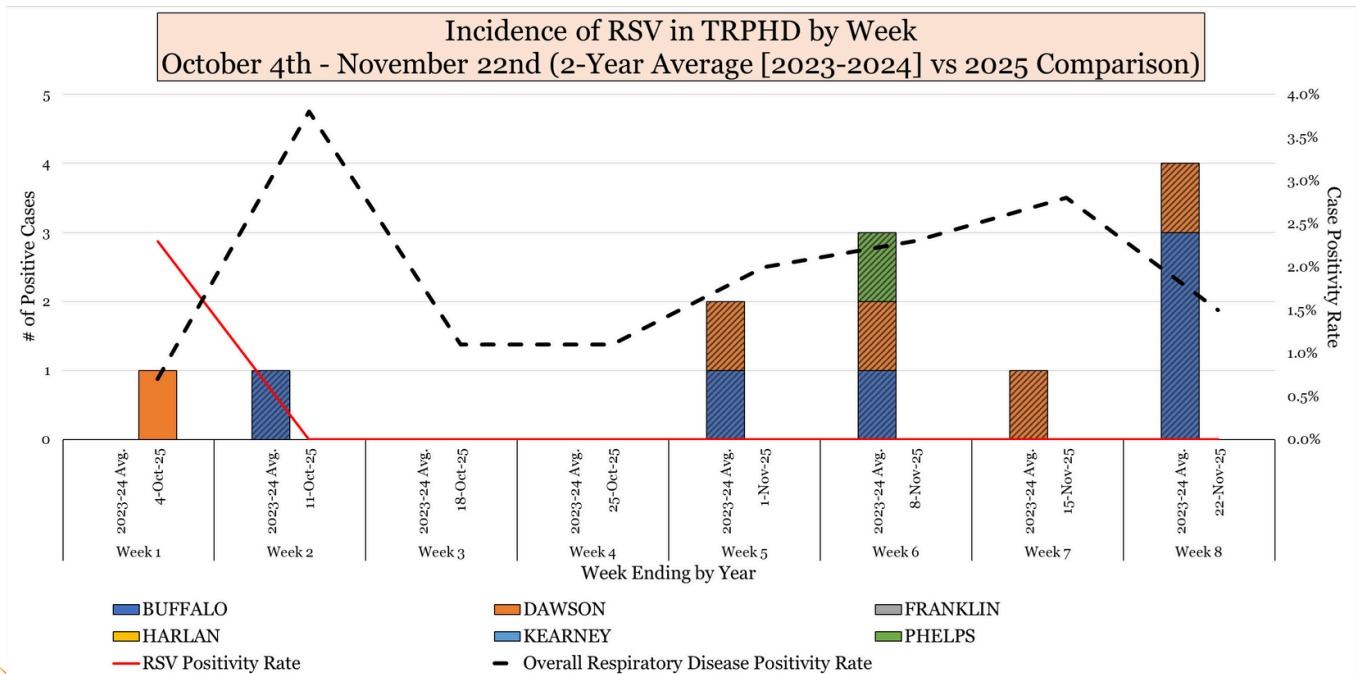
TRPHD RSV Cases

November 22, 2025



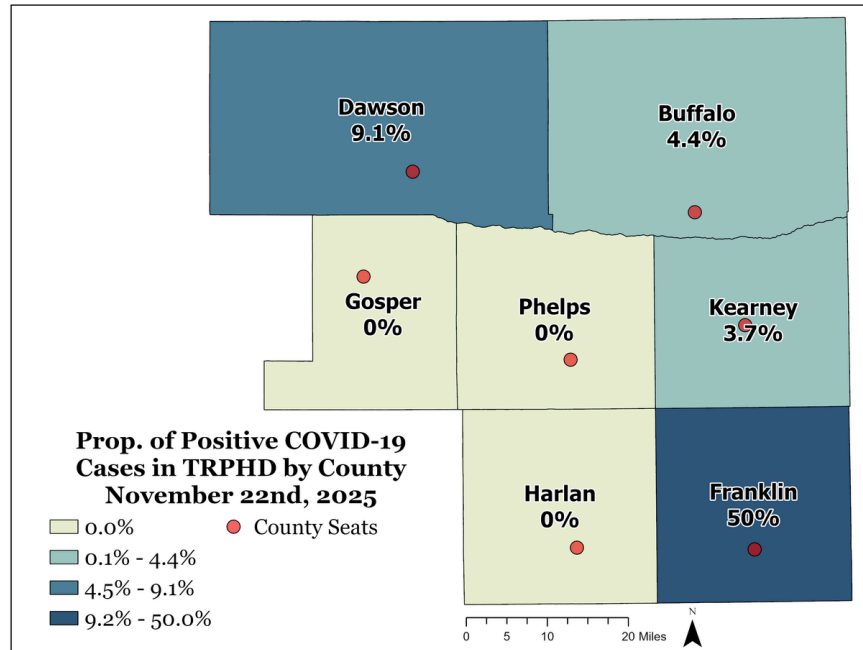
Respiratory Syncytial Virus (RSV)

- No new cases of RSV were reported in the past week in TRPHD.



TRPHD COVID-19 Cases

November 22, 2025



COVID-19

- COVID-19 incidence in TRPHD is less than a fifth of the COVID numbers for the same time last year.
- Declining COVID test positivity rates are likely lowering overall respiratory disease rates in TRPHD.

