

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 activity remains elevated across TRPHD, driven by continued Flu A circulation and increasing Flu B activity in several counties.
- Influenza-like illness (ILI) hospitalizations remain elevated, with older adults continuing to account for the largest share of hospitalizations.
- RSV activity remains minimal, while COVID-19 positivity shows increased circulation but remains below previous peak seasonal levels.

Data Insights

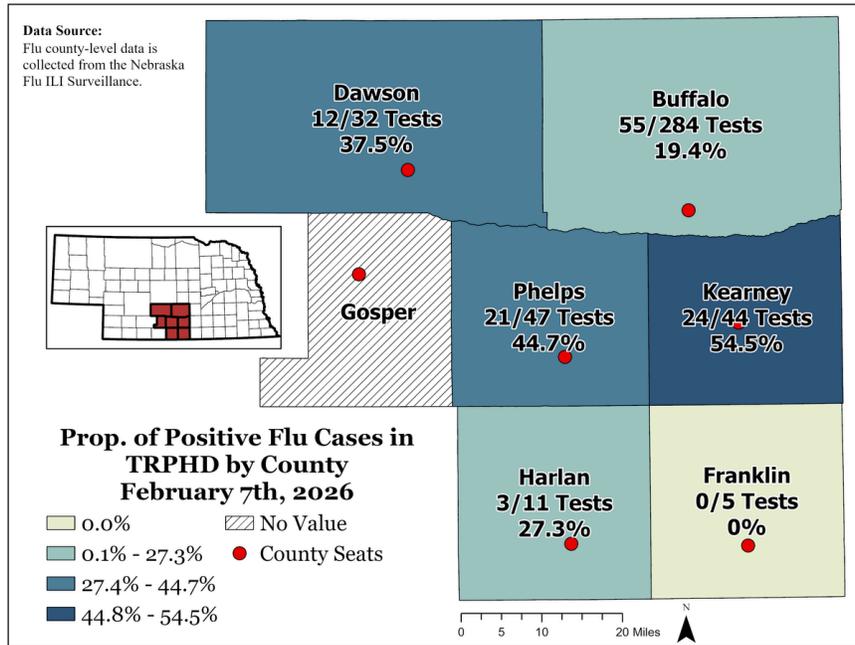
- Overall Respiratory Disease Positivity Rate is calculated by the following equation:
 - We applied a 3% overlap adjustment between Flu A and Flu B positive tests to account for the likelihood that a small percentage of individuals tested positive for both.

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

- 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.

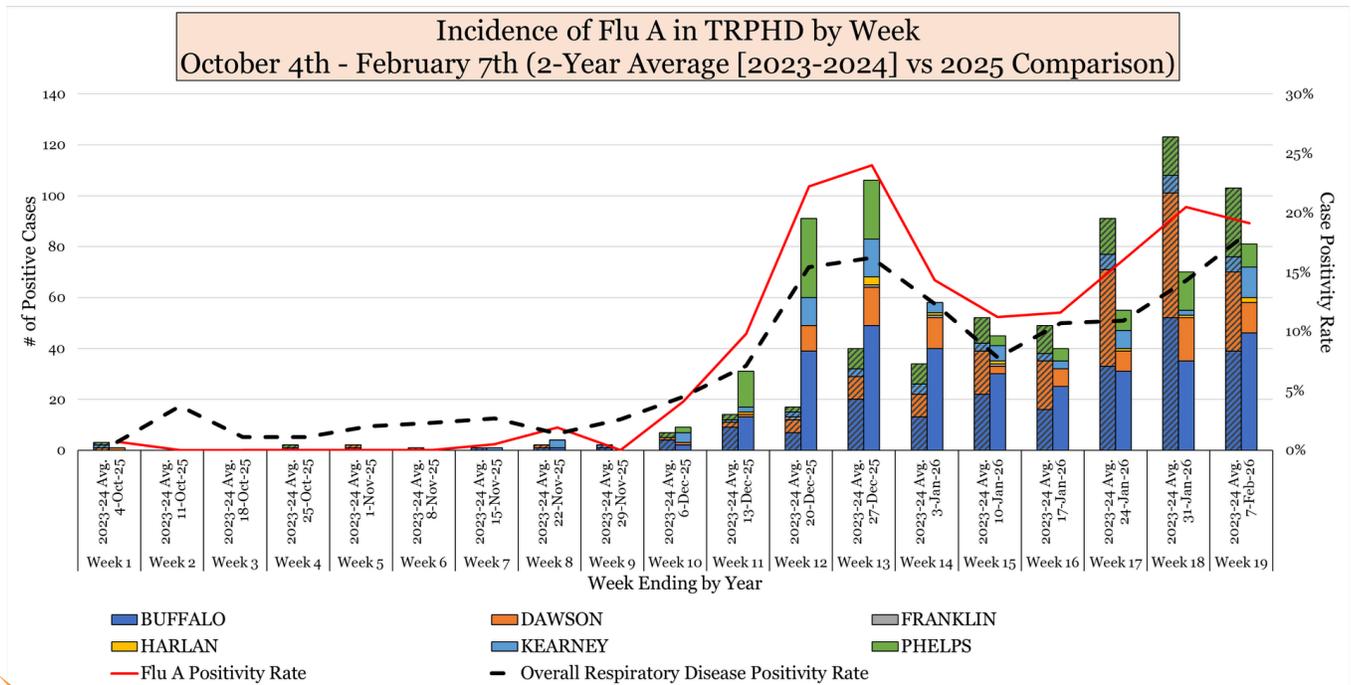
TRPHD Flu Cases

February 7, 2026



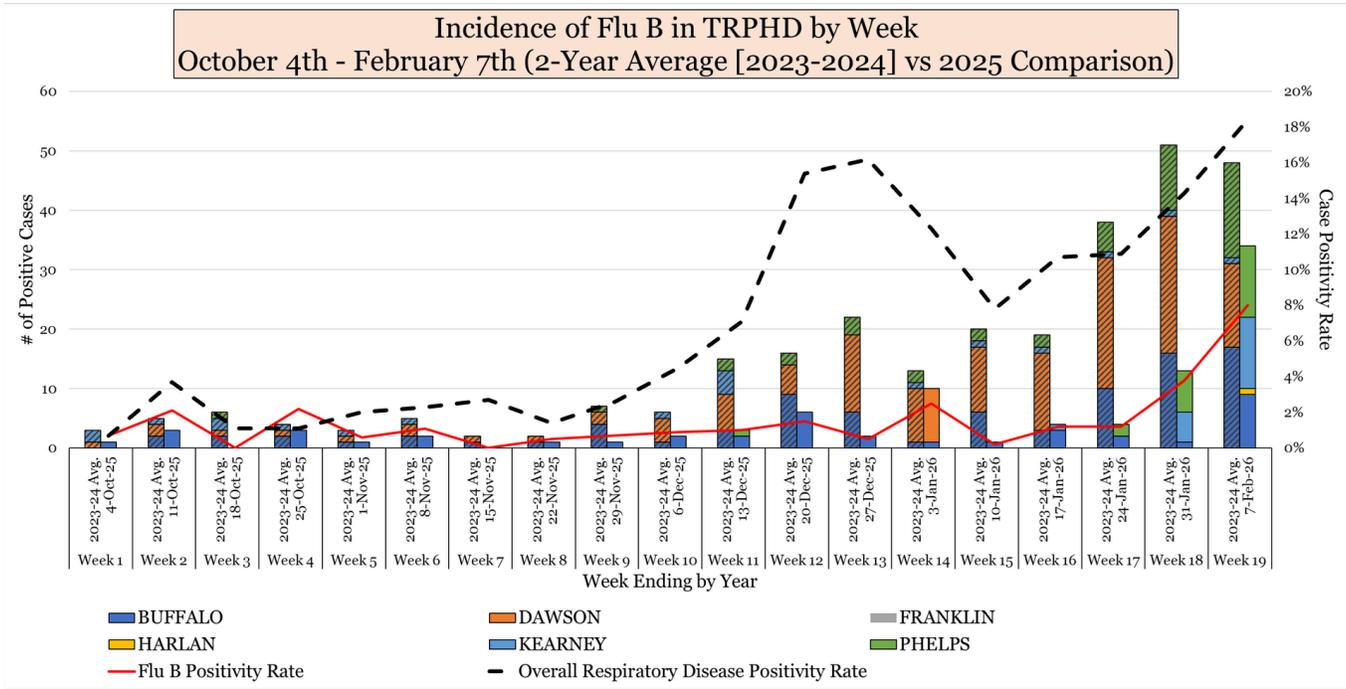
Influenza

- Flu A activity remains elevated across TRPHD, with an overall positivity rate of 19.1% indicating continued widespread transmission.
- Flu B activity increased this week, with an overall positivity rate of 8.0%, and notable positivity in Buffalo, Kearney, and Phelps Counties.



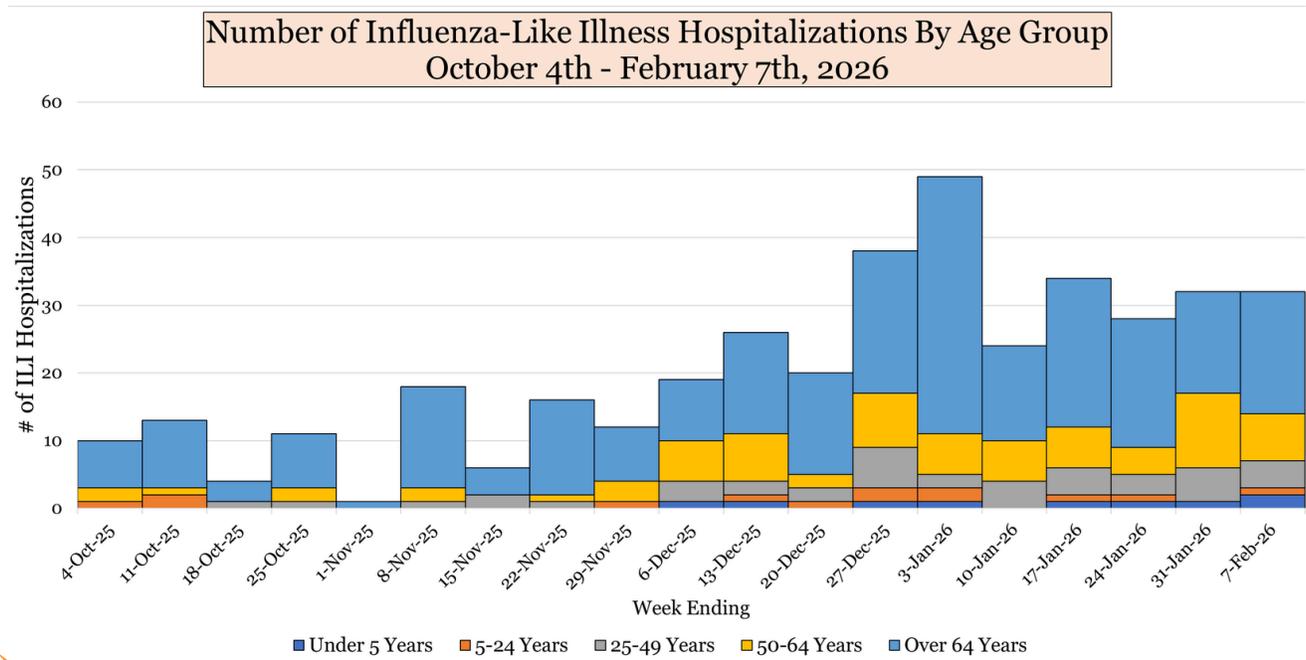
TRPHD Flu Cases

February 7, 2026



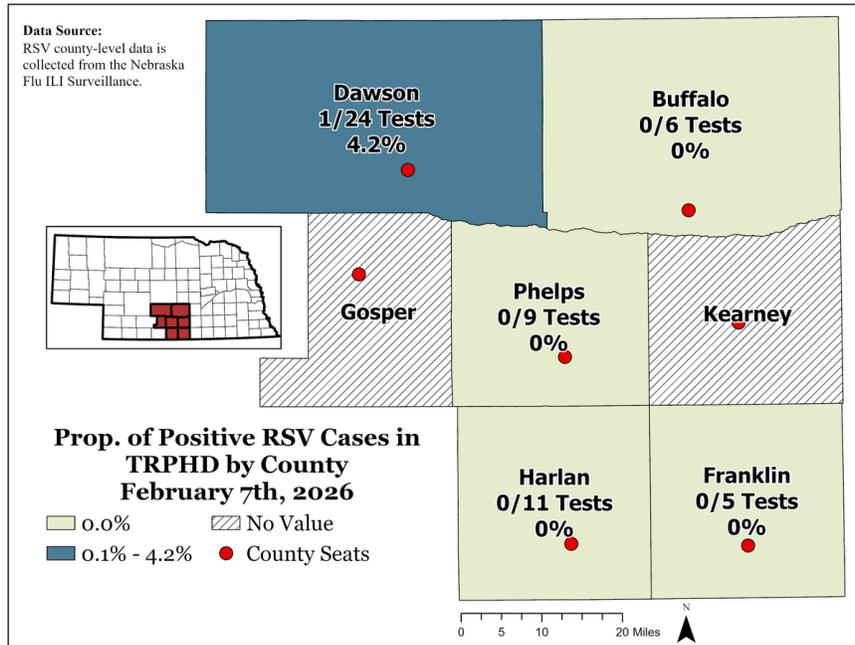
Influenza

- ILI hospitalizations remain elevated at 32 hospitalizations this week, unchanged from the previous week.
- Adults over 64 years continue to represent the largest proportion of hospitalizations.



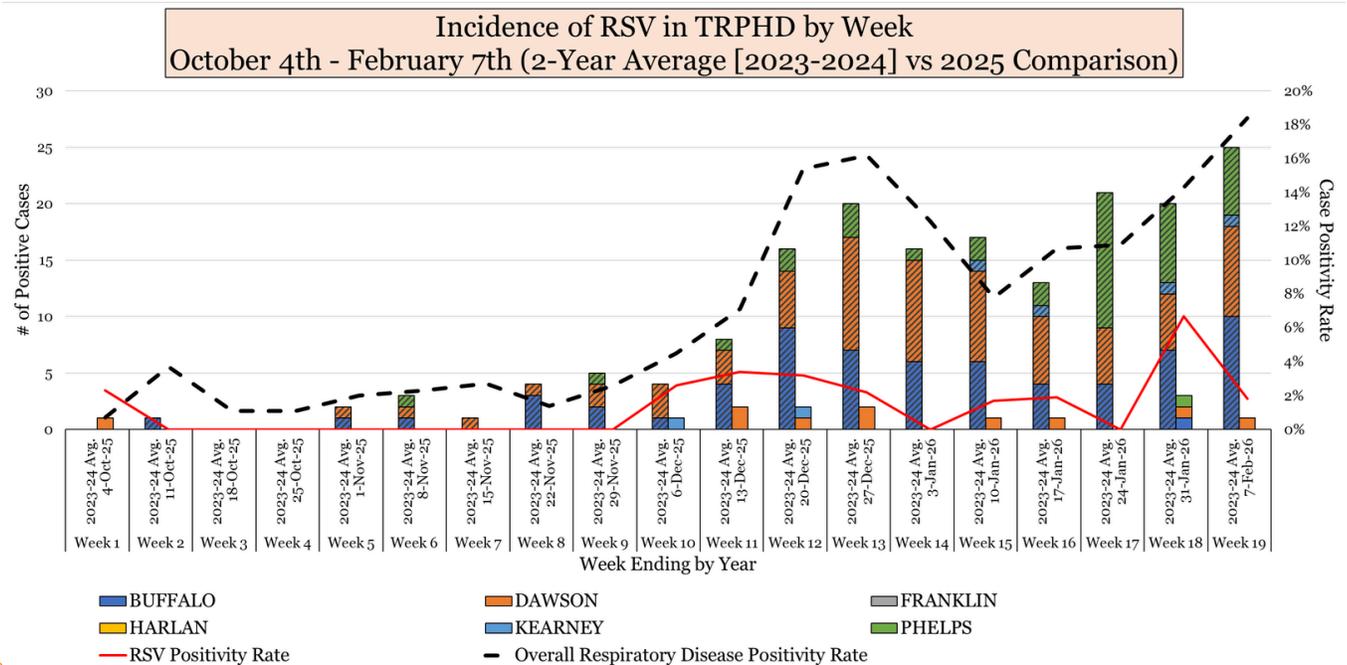
TRPHD RSV Cases

February 7, 2026



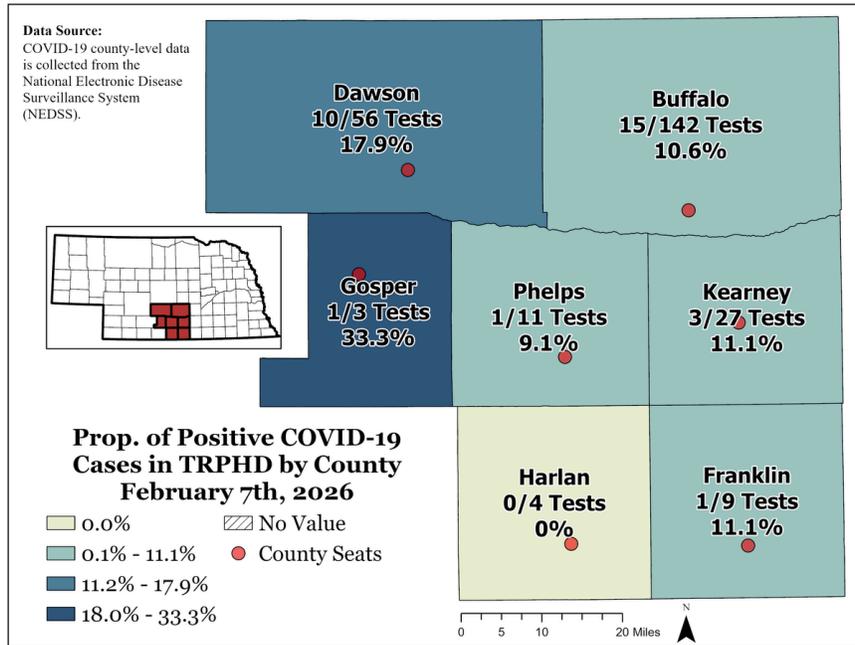
Respiratory Syncytial Virus (RSV)

- RSV activity remains very low across TRPHD, with only 1 case being reported, and an overall positivity rate of 1.8%.



TRPHD COVID-19 Cases

February 7, 2026



COVID-19

- COVID-19 activity showed a noticeable increase this week across TRPHD, with overall positivity rising to 12.3%.
- Although levels remain below earlier seasonal peaks, the upward trend suggests potential for continued growth in the coming weeks.

