



INFLUENZA REPORT

2021-2022 Influenza Season

MMWR Week 49

Weekly Report of Influenza and Influenza-like Illness (ILI) Activity



Influenza and Influenza-like Illness Activity

Spread

Sporadic

Geographic Spread

Flu Activity

Low Activity

Activity is low but continuing to increase

ILI Activity

Minimal Activity

Low outpatient respiratory illness activity levels

Co-circulating

Other Viruses

SARS-CoV-2
RSV

Seasonal Data

Types of Flu

Influenza A and B viruses are circulating

Subtypes

Flu A (H3N2)

Predominant circulating subtype

Outbreaks

1

Reported outbreak in a high school

Severity

Inpatients

Reports of hospitalizations

Deaths

0

No reported pediatric deaths

Syndromic

0

No syndromic anomalies were reported

EMS

Suspected ILI

Reports doubled this week

Hot Spots

Tracking Trends

Campbell County



Geographic Activity by Regions

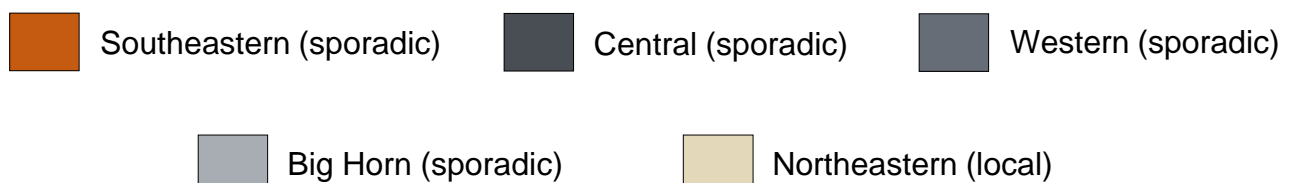
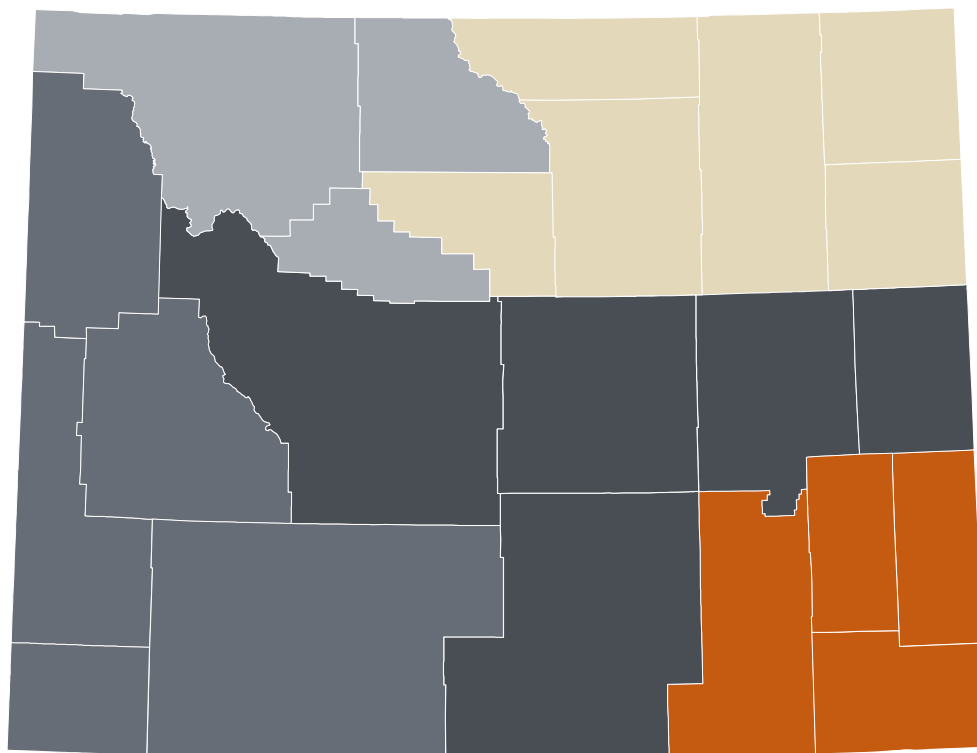
Wyoming observed **sporadic activity** this week (MMWR Week 49).

Healthcare providers in **most** counties reported ILI activity.

The influenza cases represent **all** Infectious Disease Epidemiology (IDE) Geographic Regions.

The **Northeastern** IDE Geographic Region has elevated **local activity**.

IDE Geographic Regions of Wyoming





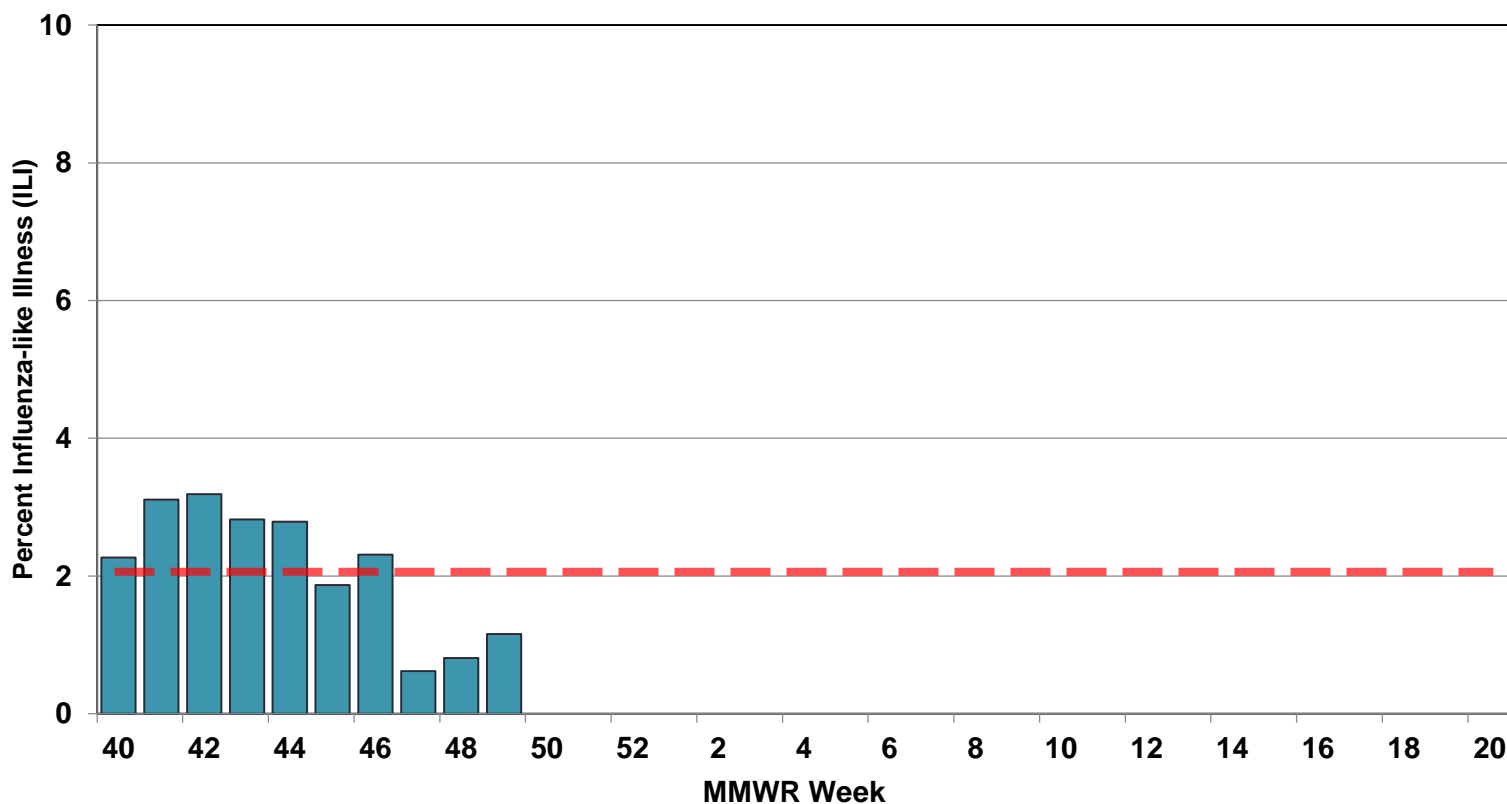
ILINet Providers

The percent of patient visits to ILINet Sentinel Providers for influenza-like illness was **1.16%**, which is **below** Wyoming's baseline (**2.06%**).

The Wyoming Department of Health received reports from less than **50%** of the ILINet providers in Wyoming.

This season, healthcare providers in **most** counties reported influenza or influenza-like illness activity.

Weekly Percent of ILI Visits





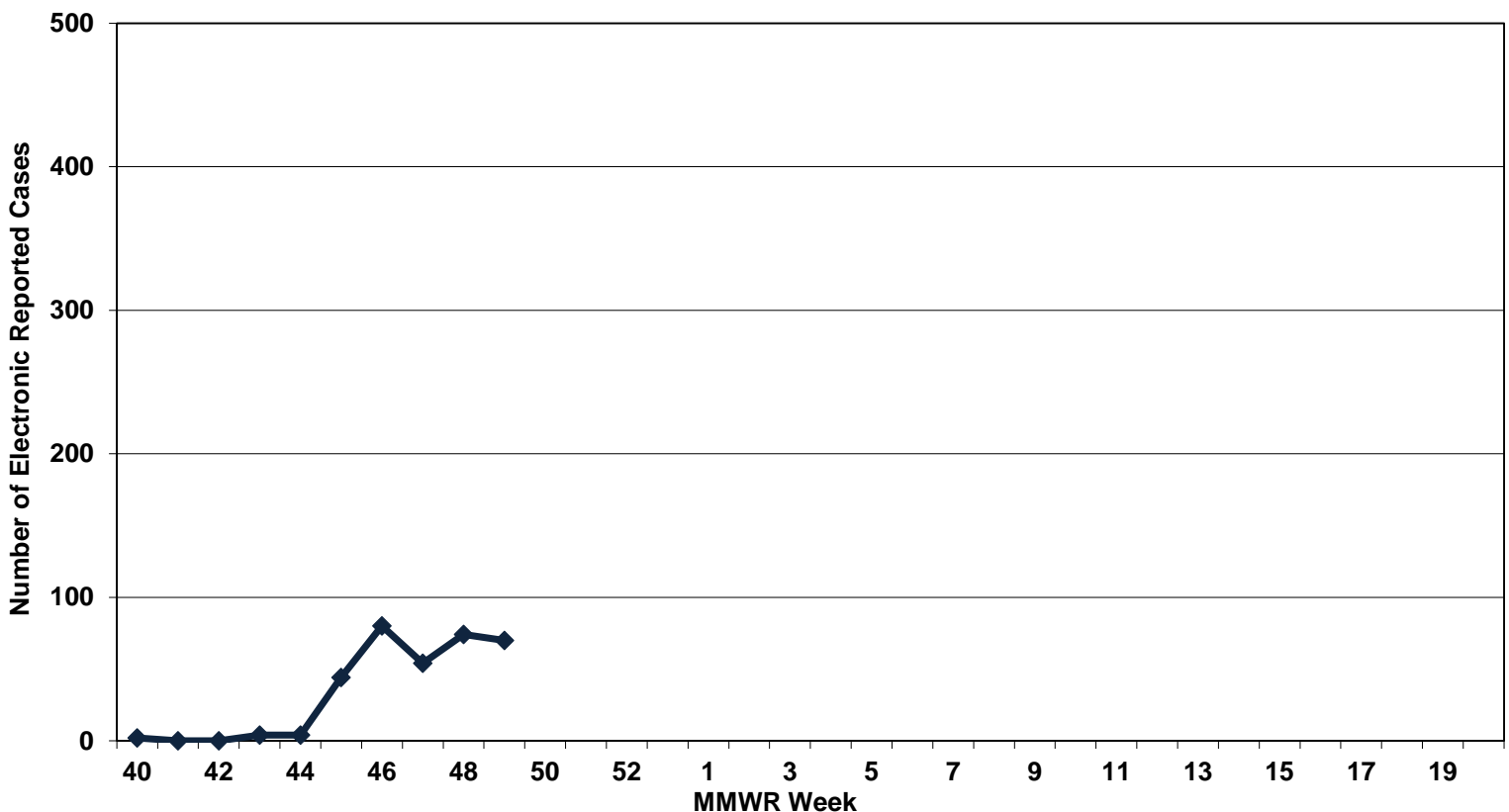
Public Health Laboratory

The overall volume of samples tested for influenza at the Wyoming Public Health Laboratory has increased since the introduction of the CDC Influenza SARS-CoV-2 Multiplex Assay. The state lab reported **influenza A (H3N2) viruses** during MMWR Week 49. Influenza A (H3N2) viruses are the predominant viruses circulating in Wyoming.

Healthcare and Clinical Laboratories

Clinical laboratories most frequently reported **influenza A viruses** during MMWR Week 49. The subtyped samples were reported as influenza A (H3N2) viruses. However, influenza B viruses were also reported.

Electronic Reports of Influenza Cases



* The trend is not representative of all reported influenza cases.



Mortality Data

Tracking death certificates is the best surveillance system to capture and identify pneumonia and influenza-associated deaths in Wyoming. According to the CDC, influenza is infrequently listed on death certificates. Also, testing for seasonal influenza infections is not frequently performed, particularly among the elderly, who are at greatest risk for seasonal influenza complications and death. Therefore, public health officials may not identify influenza-associated deaths in many instances; consequently, this surveillance system may underestimate the true impact of influenza-associated deaths in the state.

There were **19** pneumonia and influenza (P&I) mortality reports certified since the beginning of the 2021-2022 Influenza Season.

Monthly P&I Mortality Reports

