Wyoming Department of Health

INFLUENZA REPORT

2021-2022 Influenza Season

MMWR Week 50

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

Wyoming Department of Health | Updated December 24, 2021

Overview (MMWR Week 50)

Influenza and Influenza-like Illness Activity

Spread

Sporadic
Geographic Spread

Flu Activity

Elevated
Activity is 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

0
No reported outbreaks

Severity

Inpatients
Reports of hospitalizations

Deaths

0
No reported pediatric deaths

Syndromic

0
No syndromic anomalies were reported

EMS

Suspected ILI
The reports decreased this week

Hot Spots

Tracking Trends
Campbell County
Park County

Geographic Activity by Regions

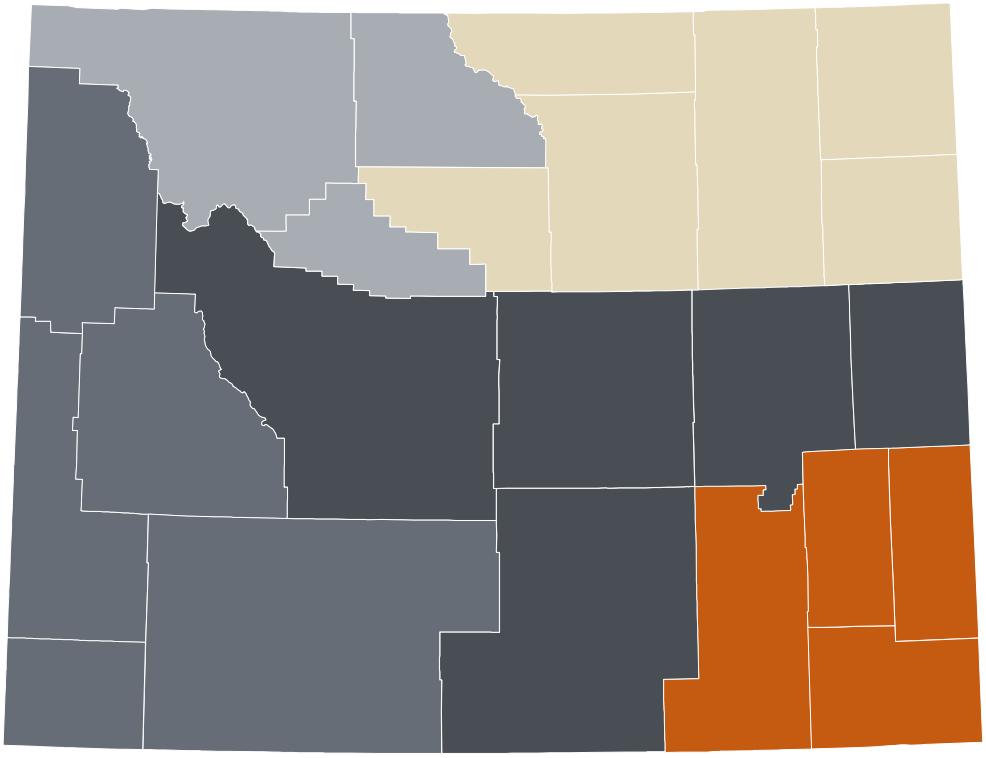
Wyoming observed **sporadic activity** this week (MMWR Week 50).

Healthcare providers in **21** counties reported ILI activity.

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

The **Northeastern** and **Big Horn** IDE Geographic Regions had elevated **local activity**.

IDE Geographic Regions of Wyoming



Southeastern (sporadic) | Central (sporadic) | Western (sporadic)

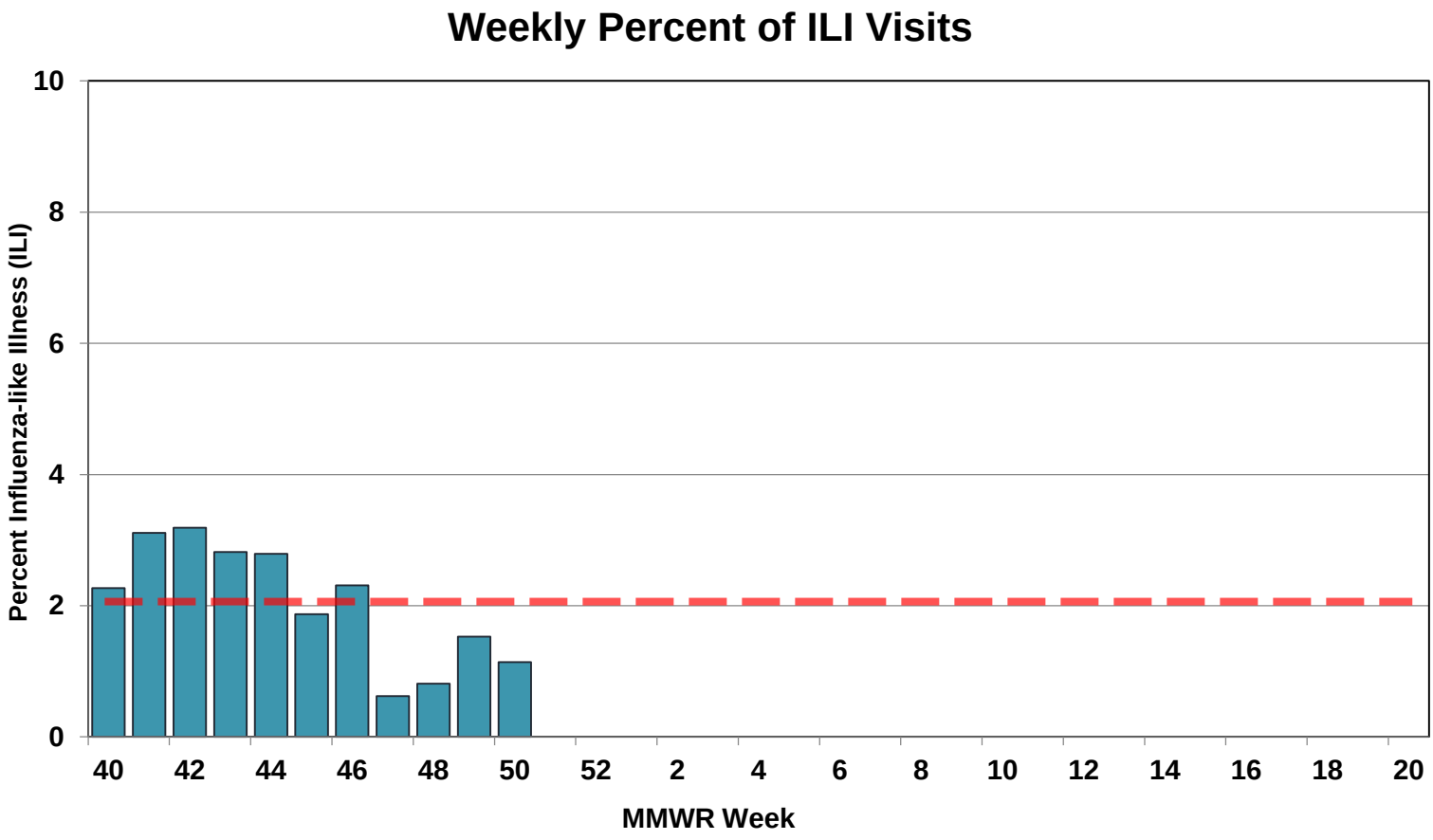
Big Horn (local) | Northeastern (local)

ILINet Providers

The percent of patient visits to ILINet Sentinel Providers for influenza-like illness was **1.14%**, 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.



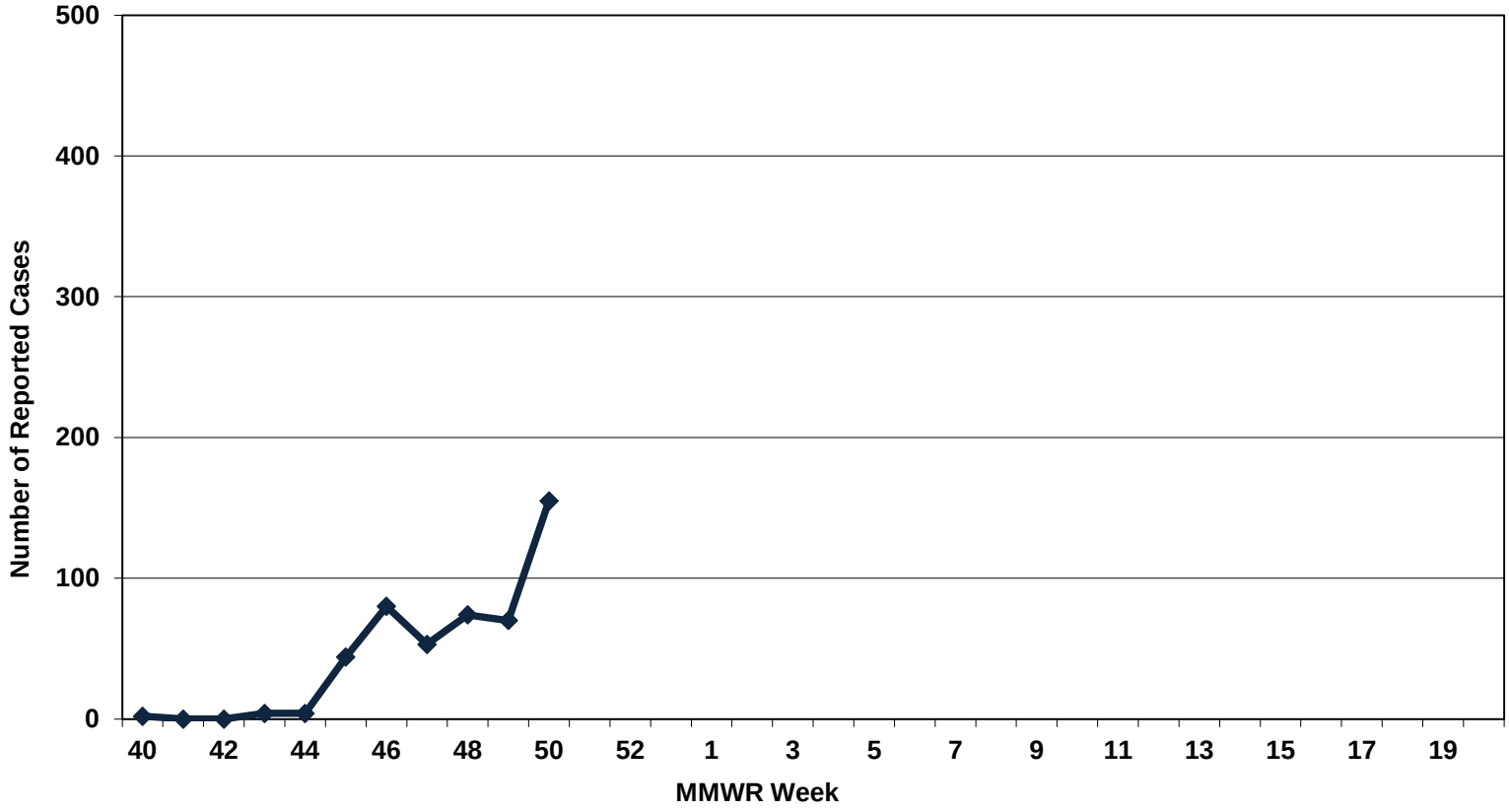
Public Health Laboratory

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 50. Influenza A **(H3N2)** viruses are the predominant viruses circulating in Wyoming.

Healthcare and Clinical Laboratories

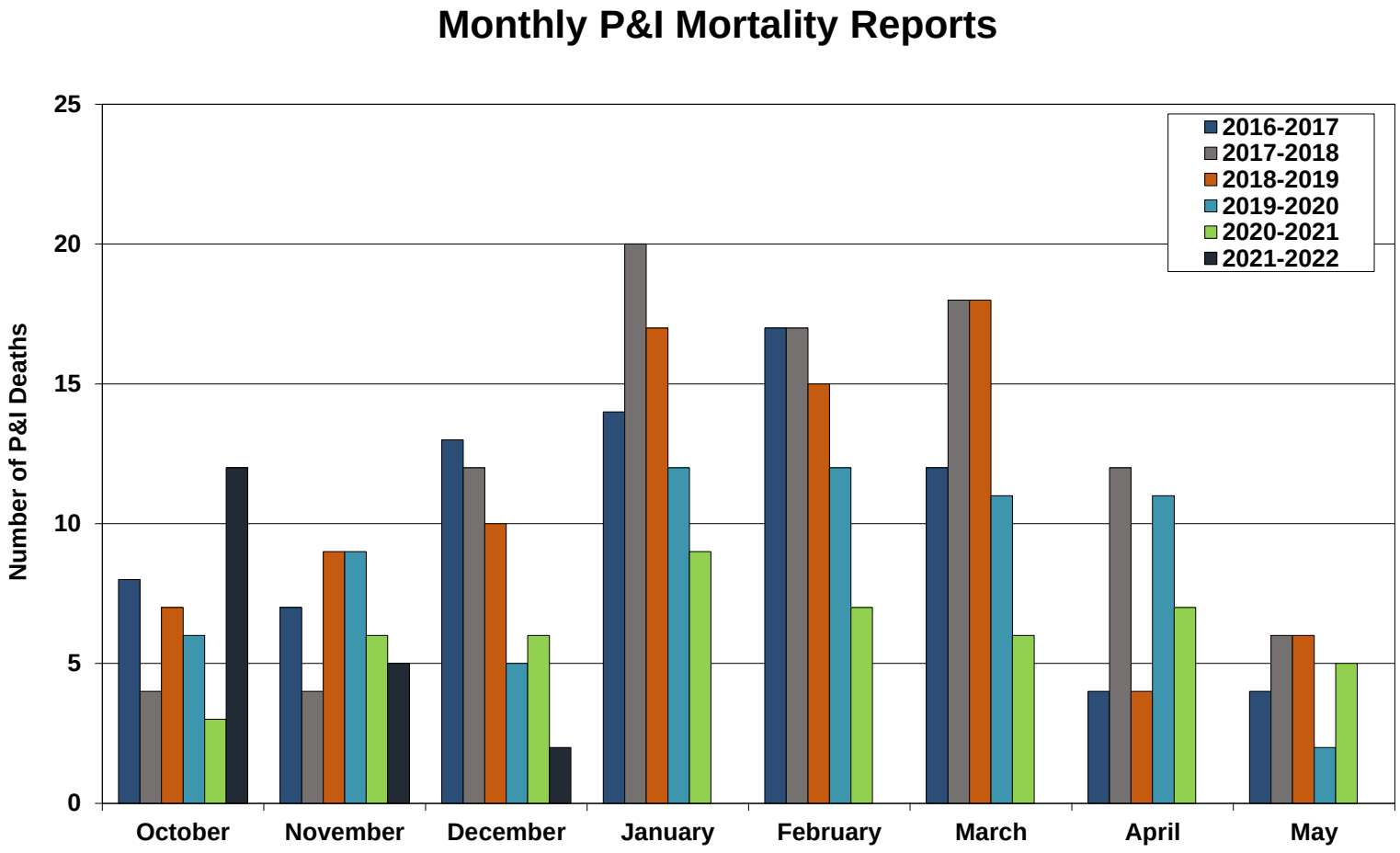
Clinical laboratories most frequently reported **influenza A viruses** during MMWR Week 50. The subtyped samples were reported as influenza A **(H3N2)** viruses. However, influenza B viruses were also reported.

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.