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

Wyoming reported sporadic activity this week (MMWR Week 43).

Healthcare providers reported 14 influenza cases (rapid influenza diagnostic tests and PCR confirmed tests).

Weekly Case Rate per 100,000

- 0 to 25 persons
- 26 to 50 persons
- 51 to 75 persons
- 76 to 100 persons
- >100 persons
Geographic Activity by Regions

Healthcare providers in eleven counties reported ILI activity with confirmed influenza cases.

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

All five IDE Geographic Regions described sporadic activity this week.
## Geographic Spread

### Influenza-like Illness Activity Levels

<table>
<thead>
<tr>
<th>Activity Level</th>
<th>ILI Activity/Outbreaks</th>
<th>Laboratory Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>No activity</td>
<td>Low</td>
<td>And</td>
</tr>
<tr>
<td></td>
<td>Not increased</td>
<td>And</td>
</tr>
<tr>
<td></td>
<td><strong>OR</strong></td>
<td></td>
</tr>
<tr>
<td>Sporadic</td>
<td>Not increased</td>
<td>And</td>
</tr>
<tr>
<td></td>
<td><strong>Local</strong></td>
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<tr>
<td></td>
<td>Increased ILI in 1 region; ILI activity in other regions is not increased</td>
<td>And</td>
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<tr>
<td></td>
<td><strong>Regional</strong></td>
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<tr>
<td></td>
<td>2 or more institutional outbreaks (ILI or lab-confirmed) in 1 region; ILI activity in other regions is not increased</td>
<td>And</td>
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<tr>
<td></td>
<td><strong>Widespread</strong></td>
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<tr>
<td></td>
<td>Increased ILI and/or institutional outbreaks (ILI or lab-confirmed) in at least half of the regions</td>
<td>And</td>
</tr>
</tbody>
</table>

No lab-confirmed cases

Isolated lab-confirmed cases

Lab-confirmed outbreak in one institution

Recent (within the past 3 weeks) lab evidence of influenza in region with increased ILI

Recent (within the past 3 weeks) lab evidence of influenza in region with the outbreaks; virus activity is no greater than sporadic in other regions

Recent (within the past 3 weeks) lab-confirmed influenza in the affected regions

Recent (within the past 3 weeks) lab-confirmed influenza in the affected regions

Recent (within the past 3 weeks) lab-confirmed influenza in the state.
**ILINet Providers**

The percent of patient visits to ILINet Sentinel Providers for influenza-like illness was **1.04%**, which is **below** Wyoming’s baseline (**2.85%**).

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

Healthcare providers in **14** counties reported influenza or influenza-like illness activity this week.

The ILI activity in Wyoming was **sporadic**.
Public Health Laboratory

The Wyoming Public Health Laboratory tested four specimens during MMWR Week 43. One specimen was positive for influenza A (H1N1) pandemic 2009 virus and the remaining three specimens were negative for both influenza A and influenza B viruses.

Healthcare and Clinical Laboratories

Clinical laboratories most frequently reported Influenza A viruses during MMWR Week 43.
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 two pneumonia and influenza (P&I) mortality reports certified since the beginning of the 2019-2020 Influenza Season.

Monthly P&I Mortality Reports

2014-2015
2015-2016
2016-2017
2017-2018
2018-2019
2019-2020

Number of P&I Deaths

October  November  December  January  February  March  April  May