2011-2012 North Dakota Weekly Influenza Update

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Friday, December 30, 2011

Week: 51

7 Total Influenza Cases
0 Hospitalizations
0 Deaths

Current Summary:

Influenza activity in North Dakota is SPORATIC.

Outpatient ILI Surveillance is below baseline at 0.79% of visits.

There currently have been no deaths related directly to influenza this year (September 1, 2011 to present).

Respiratory Viruses

<table>
<thead>
<tr>
<th>Current Week</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSV A</td>
<td>0</td>
</tr>
<tr>
<td>RSV B</td>
<td>0</td>
</tr>
<tr>
<td>Rhinovirus</td>
<td>0</td>
</tr>
<tr>
<td>Adenovirus</td>
<td>0</td>
</tr>
<tr>
<td>Parainfluenza Virus 1</td>
<td>0</td>
</tr>
<tr>
<td>Parainfluenza Virus 2</td>
<td>0</td>
</tr>
<tr>
<td>Parainfluenza Virus 3</td>
<td>0</td>
</tr>
</tbody>
</table>

*Only providers participating in IISP have specimens tested for these viruses.

Influenza Cases by County

Outpatient Illness Surveillance--Influenza-like Illness

<table>
<thead>
<tr>
<th>Week</th>
<th>% ILI</th>
<th>0-4</th>
<th>5-24</th>
<th>25-49</th>
<th>50-64</th>
<th>65+</th>
</tr>
</thead>
<tbody>
<tr>
<td>49</td>
<td>0.79%</td>
<td>12</td>
<td>7</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>50</td>
<td>1.13%</td>
<td>16</td>
<td>9</td>
<td>8</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>51</td>
<td>0.79%</td>
<td>5</td>
<td>3</td>
<td>6</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

www.ndflu.com
**North Dakota School Surveillance:**

--- 5 North Dakota Schools Reporting

--- Percent Absent due to illness for this week is well below what would be considered significant absenteeism.

--- If your school would be willing to participate in our surveillance, please contact Lindsey VanderBusch, lvanderbusch@nd.gov.

**Sentinel Laboratory Surveillance**

--- 14 North Dakota Laboratories Reporting

--- The number of percent positive on influenza tests remains low.

--- Reminder, when influenza activity is low, the positive predictive value of the tests are low. This means that the possibility of false positives are high.

*These data do not represent all laboratory results for influenza.*
During week 51 (December 18-24, 2011), influenza activity remained low in the United States.

**U.S. Virologic Surveillance:** Of the 2,652 specimens tested by U.S. World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories and reported to CDC/Influenza Division, 97 (3.7%) were positive for influenza.

**Pneumonia and Influenza (P&I) Mortality Surveillance:** The proportion of deaths attributed to P&I was below the epidemic threshold.

**Influenza-associated Pediatric Mortality:** No influenza-associated pediatric deaths were reported.

**Outpatient Illness Surveillance:** The proportion of outpatient visits for influenza-like illness (ILI) was 1.5%, which is below the national baseline of 2.4%. All 10 regions reported ILI below region-specific baseline levels. One state experienced moderate ILI activity, New York City and one state experienced low ILI activity, 47 states experienced minimal ILI activity, and the District of Columbia and one state had insufficient data.

**Geographic Spread of Influenza:** The geographic spread of influenza in one state was reported as regional; two states reported local activity; Guam and 37 states reported sporadic activity; the District of Columbia, the U.S. Virgin Islands and 10 states reported no influenza activity, and Puerto Rico did not report.

### Influenza Positive Lab Tests—National

- **Number of Specimens Tested:** Week 51
- **Number of Positive Specimens:** 97 (3.7%)
- **Positive by Subtype:**
  - Influenza A: 90 (92.8%)
    - A (2009 H1N1): 2
    - A (H1): 0
    - A (H3): 36
    - A (Untyped): 52
  - Influenza B: 7 (7.2%)