2011-12 North Dakota Weekly Influenza Update

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Week: 50

Total Influenza Cases: 6
Hospitalizations: 0
Deaths: 0

Current Summary:

Influenza activity in North Dakota is SPORATIC.

Outpatient ILI Surveillance is below baseline at 1.2% 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>48</td>
<td>0.43%</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<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>1.21%</td>
<td>16</td>
<td>9</td>
<td>8</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

www.ndflu.com
North Dakota School Surveillance:

-- 5 North Dakota Schools Reporting

-- Percent Absent due to illness for Week 49 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.
Week: 50

Influenza-like Illness—National Graph


Influenza-like Illness—National Map

Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet 2011-12 Influenza Season Week 50 ending Dec 17, 2011

National Updates

During week 50 (December 11-17, 2011), influenza activity remained low in the United States.

U.S. Virologic Surveillance: Of the 2,993 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, 64 (2.1%) were positive for influenza.

Novel influenza A Virus: Two human infections with novel influenza A virus were reported.

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 1.4%, 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 experienced low ILI activity, 49 states experienced minimal ILI activity, and the District of Columbia had insufficient data.

Geographic Spread of Influenza: The proportion of outpatient visits for influenza-like illness (ILI) was 1.4%, 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 experienced low ILI activity, 49 states experienced minimal ILI activity, and the District of Columbia had insufficient data.

Influenza Positive Lab Tests—National

Number of Specimens Tested 2,993

Number of Positive Specimens 64 (2.1%)

Positive by Subtype

Influenza A 53 (82.8%)

A (2009 H1N1) 1

A (H1) 0

A (H3) 32

A (Untyped) 20

Influenza B 11 (17.2%)