2011-12 North Dakota Weekly Influenza Update

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Week: 10

232 Total Influenza Cases
4 Hospitalizations
0 Deaths

Current Summary:
Influenza activity in North Dakota is REGIONAL.
Outpatient ILI Surveillance is increasing and above baseline at 2.35%
There currently have been no deaths related directly to influenza this year (September 1, 2011 to present).

Respiratory Viruses

<table>
<thead>
<tr>
<th>Virus</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSV A</td>
<td>3</td>
</tr>
<tr>
<td>RSV B</td>
<td>1</td>
</tr>
<tr>
<td>Rhinovirus</td>
<td>9</td>
</tr>
<tr>
<td>Adenovirus</td>
<td>2</td>
</tr>
<tr>
<td>Parainfluenza Virus</td>
<td>3</td>
</tr>
<tr>
<td>Human Metapneumovirus</td>
<td>4</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>8</td>
<td>1.55%</td>
<td>37</td>
<td>13</td>
<td>9</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>9</td>
<td>1.26%</td>
<td>20</td>
<td>6</td>
<td>12</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>10</td>
<td>2.35%</td>
<td>17</td>
<td>17</td>
<td>17</td>
<td>4</td>
<td>1</td>
</tr>
</tbody>
</table>

2011-12 ILI
2010-11 ILI
2011-12 North Dakota Weekly Influenza Update

North Dakota School Surveillance:

-- 5 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

-- 15 North Dakota Laboratories Reporting

-- The number of percent positive on influenza tests is on the increase.

-- RSV continues to rise and should remain a possibility for ILI diagnosis.

*These data do not represent all laboratory results for influenza.
Week: 10 Influenza-like Illness—National Graph

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, September 29, 2008 – March 10, 2012

Week: 10

During week 10 (March 4-10, 2012), influenza activity remained elevated in some areas of the United States, but influenza-like-illness continued to be relatively low nationally.

U.S. Virologic Surveillance: Of the 4,742 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, 1,099 (23.2%) 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 2.2%, which is below the national baseline of 2.4%. Regions 5, 7, and 10 reported ILI above region-specific baseline levels. Five states experienced high ILI activity; 1 state experienced moderate ILI activity; 11 states experienced low ILI activity; New York City and 33 states experienced minimal ILI activity, and the District of Columbia had insufficient data to calculate ILI activity.

Geographic Spread of Influenza: Fifteen states reported widespread geographic activity; 22 states reported regional influenza activity; 3 states reported local activity; the District of Columbia, Puerto Rico, and 10 states reported sporadic activity, and Guam and the U.S. Virgin Islands reported no influenza activity.

Week: 10 Influenza-like Illness—National Map

Influenza Positive Lab Tests—National

Influenza Positive Tests Reported to CDC by U.S. WHO/NREVSS Collaborating Laboratories, National Summary, 2011-12

Number of Specimens Week 9
Tested 4,776

Number of Positive Specimens 1019 (21.3%)

Positive by Subtype

Influenza A 965
A (2009 H1N1) 221
A (H1) 0
A (H3) 388
A (Untyped) 366

Influenza B 54

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