2011-12 North Dakota Weekly Influenza Update

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55 Total Influenza Cases
0 Hospitalizations
0 Deaths

Current Summary:

Influenza activity in North Dakota is LOCAL.

Outpatient ILI Surveillance is increasing but still below baseline at 1.17%

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>1</td>
</tr>
<tr>
<td>RSV B</td>
<td>1</td>
</tr>
<tr>
<td>Rhinovirus</td>
<td>8</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>1</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>5</td>
<td>1.10%</td>
<td>21</td>
<td>11</td>
<td>4</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>1.51%</td>
<td>36</td>
<td>15</td>
<td>6</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>1.17%</td>
<td>22</td>
<td>8</td>
<td>12</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

www.ndflu.com
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.
During week 7 (February 12-18, 2012), influenza activity in the United States increased slightly, but remained relatively low.

**U.S. Virologic Surveillance:** Of the 4,269 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, 614 (14.4%) 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 1.9%, which is below the national baseline of 2.4%. Regions 5 and 7 reported ILI at or above region-specific baseline levels. One state experienced high ILI activity; 2 states experienced moderate ILI activity; 6 states experienced low ILI activity; New York City and 41 states experienced minimal ILI activity, and the District of Columbia had insufficient data.

**Geographic Spread of Influenza:** Two states reported widespread geographic activity; 13 states reported regional influenza activity; 20 states reported local activity; the District of Columbia, Puerto Rico, and 15 states reported sporadic activity, and Guam and the U.S. Virgin Islands reported no influenza activity.

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