2011-12 North Dakota Weekly Influenza Update

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134 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 1.27%
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>7</td>
<td>1.10%</td>
<td>22</td>
<td>8</td>
<td>12</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>1.57%</td>
<td>37</td>
<td>13</td>
<td>9</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>9</td>
<td>1.27%</td>
<td>20</td>
<td>5</td>
<td>12</td>
<td>5</td>
<td>3</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 9 (February 26 – March 3, 2012), influenza activity is elevated in some areas in the United States, but influenza-like-illness remains relatively low nationally.

U.S. Virologic Surveillance: Of the 4,776 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, 1,019 (21.3%) 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: One influenza-associated pediatric death was reported and was associated with a seasonal influenza A (H3) virus.

Outpatient Illness Surveillance: The proportion of outpatient visits for influenza-like illness (ILI) was 2.0%, which is below the national baseline of 2.4%. Regions 5 and 7 reported ILI above region-specific baseline levels. Three states experienced high ILI activity; 3 states experienced moderate ILI activity; 7 states experienced low ILI activity; New York City and 37 states experienced minimal ILI activity, and the District of Columbia had insufficient data.

Geographic Spread of Influenza: Nine states reported widespread geographic activity; 21 states reported regional influenza activity; 12 states reported local activity; the District of Columbia, Guam, Puerto Rico, and 8 states reported sporadic activity, and the U.S. Virgin Islands reported no influenza activity.