2011-12 North Dakota Weekly Influenza Update

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Friday, April 13, 2012

Week: 14

966 Total Influenza Cases
38 Hospitalizations
0 Deaths

Current Summary:
Influenza activity in North Dakota is REGIONAL.
Outpatient ILI Surveillance is decreasing and well below baseline at 0.83%
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>12</td>
<td>1.60%</td>
<td>22</td>
<td>18</td>
<td>8</td>
<td>4</td>
<td>9</td>
</tr>
<tr>
<td>13</td>
<td>1.37%</td>
<td>13</td>
<td>28</td>
<td>8</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>14</td>
<td>0.83%</td>
<td>10</td>
<td>8</td>
<td>14</td>
<td>2</td>
<td>1</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 appears to have peaked and is on the decreasing trend.

-- RSV activity has appeared to have peaked.

*These data do not represent all laboratory results for influenza.
During week 14 (April 1-7, 2012), influenza activity was elevated in some areas of the United States, but declined nationally and in most regions.

**U.S. Virologic Surveillance:** Of the 3,607 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, 756 (21.0%) 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%. Region 10 reported ILI above its region-specific baseline level. One state experienced moderate ILI activity, 1 state experienced low ILI activity, New York City and 48 states experienced minimal ILI activity, and the District of Columbia had insufficient data to calculate ILI activity.

**Geographic Spread of Influenza:** Ten states reported widespread geographic activity; 9 states reported regional influenza activity; 20 states reported local activity; the District of Columbia, Puerto Rico, and 11 states reported sporadic activity, and Guam and the U.S. Virgin Islands reported no influenza activity.