2011-12 North Dakota Weekly Influenza Update

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Week: 13

779 Total Influenza Cases
31 Hospitalizations
0 Deaths

Current Summary:

Influenza activity in North Dakota is WIDESPREAD.

Outpatient ILI Surveillance is increasing and above baseline at 2.75%

There currently have been no deaths related directly to influenza this year (September 1, 2011 to present).

Respiratory Viruses

Total
RSV A 3
RSV B 1
Rhinovirus 9
Adenovirus 2
Parainfluenza Virus 3
Human Metapneumovirus 4

*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>11</td>
<td>2.17%</td>
<td>20</td>
<td>17</td>
<td>7</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>12</td>
<td>2.17%</td>
<td>20</td>
<td>17</td>
<td>7</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>13</td>
<td>1.83%</td>
<td>10</td>
<td>26</td>
<td>7</td>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>

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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 activity has appeared to have peaked.

*These data do not represent all laboratory results for influenza.
During week 13 (March 25–31, 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 4,551 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, 932 (20.5%) 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 an influenza A virus for which the subtype was not determined.

**Outpatient Illness Surveillance:** The proportion of outpatient visits for influenza-like illness (ILI) was 1.7%, which is below the national baseline of 2.4%. All regions reported ILI below region-specific baseline levels. Six states experienced low ILI activity; New York City and 44 states experienced minimal ILI activity, and the District of Columbia had insufficient data to calculate ILI activity.

**Geographic Spread of Influenza:** SiTen states reported widespread geographic activity; 19 states reported regional influenza activity; 13 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.