2011-12 North Dakota Weekly Influenza Update

Editor: Lindsey VanderBusch
lvanderbusch@nd.gov

Week: 20

**1444 Total Influenza Cases**
- 69 Hospitalizations
- 0 Deaths

**Current Summary:**
Influenza activity in North Dakota is **SPORATIC**.

Outpatient ILI Surveillance is well below baseline at 0.76%

There currently has been one death related directly to influenza reported 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>5</td>
</tr>
<tr>
<td>RSV B</td>
<td>3</td>
</tr>
<tr>
<td>Rhinovirus</td>
<td>11</td>
</tr>
<tr>
<td>Adenovirus</td>
<td>4</td>
</tr>
<tr>
<td>Parainfluenza Virus</td>
<td>4</td>
</tr>
<tr>
<td>Human Metapneumovirus</td>
<td>5</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>18</td>
<td>0.89%</td>
<td>7</td>
<td>10</td>
<td>11</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>19</td>
<td>0.67%</td>
<td>3</td>
<td>3</td>
<td>9</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>20</td>
<td>0.76%</td>
<td>5</td>
<td>6</td>
<td>6</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

**www.ndflu.com**
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 Percent Positivity for Influenza is decreasing.

-- RSV activity peaked in Week 8. Seasonably late.

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


Influenza-like Illness—National Map

Influenza Positive Lab Tests—National

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

National Updates

During week 20 (May 13-19, 2012), influenza activity declined nationally and in most regions, but remained elevated in some areas of the United States.

U.S. Virologic Surveillance: Of the 2,054 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, 286 (13.9%) 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: Two influenza-associated pediatric deaths were reported. One was associated with a seasonal influenza A (H3) virus and one was associated with an influenza B virus.

Outpatient Illness Surveillance: The proportion of outpatient visits for influenza-like illness (ILI) was 1.0%, which is below the national baseline of 2.4%. All regions reported ILI below region-specific baseline levels. One state experienced low ILI activity; New York City and 48 states experienced minimal ILI activity, and the District of Columbia and 1 state had insufficient data to calculate ILI activity.

Geographic Spread of Influenza: One state reported widespread geographic activity; 2 states reported regional influenza activity; 8 states reported local activity; the District of Columbia, Guam, Puerto Rico, and 30 states reported sporadic activity; the U.S. Virgin Islands and 8 states reported no influenza activity, and one state did not report.