2011-12 North Dakota Weekly Influenza Update

Editor: Lindsey VanderBusch
lvanderbusch@nd.gov

Week: 4

29 Total Influenza Cases
0 Hospitalizations
0 Deaths

Current Summary:

Influenza activity in North Dakota is SPORATIC.

Outpatient ILI Surveillance is increasing but still below baseline at 1.18%

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

Respiratory Viruses

<table>
<thead>
<tr>
<th>Virus Type</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSV A</td>
<td>0</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 1</td>
<td>2</td>
</tr>
<tr>
<td>Parainfluenza Virus 2</td>
<td>0</td>
</tr>
<tr>
<td>Parainfluenza Virus 3</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>2</td>
<td>0.58%</td>
<td>14</td>
<td>3</td>
<td>4</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>0.82%</td>
<td>13</td>
<td>8</td>
<td>9</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>1.18%</td>
<td>16</td>
<td>11</td>
<td>5</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

www.ndflu.com
North Dakota School Surveillance:

-- 4 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 remains low.

-- Reminder, when influenza activity is low, the positive predictive value of the tests are low. This means that the possibility of false positives are high.

*These data do not represent all laboratory results for influenza.
Week: 4

Influenza-like Illness—National Graph


Influenza-like Illness—National Map

Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILI-net: 2011-12 Influenza Season Week 4 ending Jan 28, 2012

Influenza Positive Lab Tests—National

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

Influenza Positive Lab Tests—National

Number of Specimens Tested

Week 3

3,656

Number of Positive Specimens

262 (7.2%)

Positive by Subtype

Influenza A 247

A (2009 H1N1) 36

A (H1) 0

A (H3) 123

A (Untyped) 88

Influenza B 15


U.S. Virologic Surveillance: Of the 3,656 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, 262 (7.2%) 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%. All 10 regions reported ILI below region-specific baseline levels. One state experienced low ILI activity, New York City and 49 states experienced minimal ILI activity and the District of Columbia had insufficient data.

Geographic Spread of Influenza: The geographic spread of influenza in six states was reported as regional; 13 states reported local activity; Guam, Puerto Rico, and 31 states reported sporadic activity; the U.S. Virgin Islands reported no influenza activity, and the District of Columbia did not report.