2014-15 North Dakota Weekly Influenza Update

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Week: 201506

5146 Total Influenza Cases
206 Hospitalizations
36 LTC Outbreaks
48 Deaths
Activity Level: Widespread

General Trends
State-wide influenza indicators suggest influenza persists across North Dakota. Roughly a third of this week's cases were influenza B. Influenza B counts have been steadily increasing over the last few weeks.

Outbreaks
Thirty six outbreaks in long term care facilities have been reported so far this season, including two additional for week 5.

Five community outbreaks affecting school children have also been reported.

Influenza Cases by County

Outpatient Illness Surveillance--Influenza-like Illness (Regional baseline = 1.3)

<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>201504</td>
<td>5.34%</td>
<td>26</td>
<td>23</td>
<td>20</td>
<td>11</td>
<td>3</td>
</tr>
<tr>
<td>201505</td>
<td>6.01%</td>
<td>12</td>
<td>21</td>
<td>38</td>
<td>13</td>
<td>3</td>
</tr>
<tr>
<td>201506</td>
<td>2.96%</td>
<td>4</td>
<td>12</td>
<td>9</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

Cases by Gender

Female 2719
Male 2427

Cases by Age Group

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;10</td>
<td>1745</td>
</tr>
<tr>
<td>10-19</td>
<td>720</td>
</tr>
<tr>
<td>20-29</td>
<td>461</td>
</tr>
<tr>
<td>30-39</td>
<td>464</td>
</tr>
<tr>
<td>40-49</td>
<td>315</td>
</tr>
<tr>
<td>50-59</td>
<td>357</td>
</tr>
<tr>
<td>60+</td>
<td>1084</td>
</tr>
<tr>
<td>TOTAL</td>
<td>5146</td>
</tr>
</tbody>
</table>

www.ndflu.com
Influenza-like illness from the North Dakota Syndromic Surveillance System

Sentinel Laboratories*--Influenza

Sentinel Laboratories*--RSV

North Dakota Syndromic Surveillance--Influenza-like Illness (ILI)
The percent of visits for ILI this week in our syndromic surveillance system decreased to 0.68%. Syndromic surveillance data includes hospital and walk-in clinic data from facilities across North Dakota, as well as ND data we receive from the Department of Defense.

Sentinal Laboratory Surveillance
Percent positivity of influenza testing at sentinel laboratories increased this week to 16.68%.

Percent positivity for RSV increased to 29.01% this week, indicating significant circulation of RSV.

National Statistics:
National influenza activity and surveillance information is available from the CDC FluView website at: http://www.cdc.gov/flu/weekly/, and is updated every Friday.

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2013-14 North Dakota Weekly Influenza Update

Week: 201506

Sentinel Laboratories
percent positive influenza tests: 9.03%
3 labs reporting

Sentinel Providers
percent of outpatient visits for influenza-like illness: no report*

*2 providers in a region must report for a statistic to be reported

Total cases: 28

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Region 2

Sentinel Laboratories
percent positive influenza tests: 15.56%
5 labs reporting

Sentinel Providers
percent of outpatient visits for influenza-like illness: no report*

*2 providers in a region must report for a statistic to be reported

Total cases: 33

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Sentinel Laboratories percent positive influenza tests: 10.93%
7 labs reporting

Sentinel Providers percent of outpatient visits for influenza-like illness: no report*

*2 providers in a region must report for a statistic to be reported

Total cases: 28

Sentinel Laboratories percent positive influenza tests: 21.35%
9 labs reporting

Sentinel Providers percent of outpatient visits for influenza-like illness: 1.11%
4 providers reporting

Total cases: 67