2014-15 North Dakota Weekly Influenza Update

Editor: Jill K Baber
jbaber@nd.gov

Week: 201453

Friday, January 09, 2015

2821 Total Influenza Cases
98 Hospitalizations
22 LTC Outbreaks
7 Deaths
Activity Level: Widespread

General Trends

A high number of influenza cases was reported again this week, but at this time the case count for week 53 is lower than week 52. It is too soon to tell if we are truly beginning to decline. ILI went up slightly, and percent positive labs decreased.

Outbreaks

Twenty-two outbreaks in long term care facilities have been reported so far this season.

Four community outbreaks affecting school children have also been reported.

Influenza by Subtype by Week

<table>
<thead>
<tr>
<th>Week</th>
<th>AH3</th>
<th>2009AH1</th>
<th>InfA</th>
<th>InfB</th>
</tr>
</thead>
<tbody>
<tr>
<td>201435</td>
<td>200</td>
<td>300</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>201438</td>
<td>200</td>
<td>300</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>201441</td>
<td>200</td>
<td>300</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>201444</td>
<td>200</td>
<td>300</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>201447</td>
<td>200</td>
<td>300</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>201450</td>
<td>200</td>
<td>300</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>201453</td>
<td>200</td>
<td>300</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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>201451</td>
<td>2.48%</td>
<td>0</td>
<td>2</td>
<td>6</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>201452</td>
<td>4.30%</td>
<td>11</td>
<td>18</td>
<td>10</td>
<td>12</td>
<td>9</td>
</tr>
<tr>
<td>201453</td>
<td>4.65%</td>
<td>5</td>
<td>15</td>
<td>15</td>
<td>9</td>
<td>2</td>
</tr>
</tbody>
</table>

Cases by Gender

<table>
<thead>
<tr>
<th>Gender</th>
<th>Count</th>
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</thead>
<tbody>
<tr>
<td>Female</td>
<td>1516</td>
</tr>
<tr>
<td>Male</td>
<td>1305</td>
</tr>
</tbody>
</table>

Cases by Age Group

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;10</td>
<td>942</td>
</tr>
<tr>
<td>10-19</td>
<td>423</td>
</tr>
<tr>
<td>20-29</td>
<td>262</td>
</tr>
<tr>
<td>30-39</td>
<td>252</td>
</tr>
<tr>
<td>40-49</td>
<td>170</td>
</tr>
<tr>
<td>50-59</td>
<td>195</td>
</tr>
<tr>
<td>60+</td>
<td>575</td>
</tr>
<tr>
<td>TOTAL</td>
<td>2821</td>
</tr>
</tbody>
</table>

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North Dakota Syndromic Surveillance—Influenza-like Illness (ILI)
The percent of visits for ILI this week in our syndromic surveillance system increased to 2.81%. 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 decreased this week to 29.00%.

Percent positivity for RSV increased to 9.52% this week.

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.
2013-14 North Dakota Weekly Influenza Update

Happy New Year!

Week: 201453

Region 1

Sentinel Laboratories
percent positive influenza tests: 16.77%
2 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: 191

Sentinel Laboratories
percent positive influenza tests: 39.06%
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: 114

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2013-14 North Dakota Weekly Influenza Update

Regional Statistics

Week: 201453  
Friday, January 09, 2015

**Region 3**

*Sentinel Laboratories*
percent positive influenza tests: **30.00%**
7 labs reporting

*Sentinel Providers*
percent of outpatient visits for influenza-like illness: **8.17%**
*2 providers in a region must report for a statistic to be reported

Total cases: 185

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**Region 4**

*Sentinel Laboratories*
percent positive influenza tests: **27.98%**
9 labs reporting

*Sentinel Providers*
percent of outpatient visits for influenza-like illness: **2.77%**
3 providers reporting

Total cases: 300

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**Case Count**

**Sentinel Statistics**

*Percent Positive Influenza Tests* vs *Percent Outpatient Visits forILI*

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