2014-15 North Dakota Weekly Influenza Update

Thursday, March 05, 2015

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Week: 201508

5454 Total Influenza Cases
216 Hospitalizations
37 LTC Outbreaks
51 Deaths
Activity Level: Regional

General Trends

Influenza B cases exceeded influenza A cases this week, an uncommon occurrence when we are still seeing a good volume of cases. Of those influenza B specimens that have undergone further testing, a majority have been of the Yamagata lineage, which is

Outbreaks

Thirty-seven outbreaks in long term care facilities have been reported so far this season.
Six 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>201506</td>
<td>1.80%</td>
<td>6</td>
<td>14</td>
<td>10</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>201507</td>
<td>2.65%</td>
<td>18</td>
<td>15</td>
<td>12</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>201508</td>
<td>1.23%</td>
<td>5</td>
<td>8</td>
<td>4</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

Cases by Gender

Female 2863
Male 2591

Cases by Age Group

-10 1822
10-19 766
20-29 492
30-39 496
40-49 345
50-59 389
60+ 1144
TOTAL 5454

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

North Dakota Syndromic Surveillance—Influenza-like Illness (ILI)
The percent of visits for ILI this week in our syndromic surveillance system increased to 0.59%. 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.

Sentinel Laboratories*--Influenza

Sentinel Laboratory Surveillance
Percent positivity of influenza testing at sentinel laboratories increased this week to 18.29%.

Percent positivity for RSV increased to 39.62% this week.

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

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**

**Region 1**

**Sentinel Laboratories**
percent positive influenza tests: no report*

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

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

Total cases: 17

**Region 2**

**Sentinel Laboratories**
percent positive influenza tests: 18.81%

5 labs reporting

**Sentinel Providers**
percent of outpatient visits for influenza-like illness: 1.32%

2 providers reporting

Total cases: 18
2013-14 North Dakota Weekly Influenza Update

Regional Statistics

Week: 201508

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**Region 3**

![Map of Region 3]

**Sentinel Laboratories**
percent positive influenza tests: 18.18%
5 labs reporting

**Sentinel Providers**
percent of outpatient visits for influenza-like illness: 0.89%
3 providers reporting

Total cases: 28

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**Region 4**

![Map of Region 4]

**Sentinel Laboratories**
percent positive influenza tests: 17.68%
7 labs reporting

**Sentinel Providers**
percent of outpatient visits for influenza-like illness: 1.04%
5 providers reporting

Total cases: 59

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**Sentinel Statistics**

% Positive Lab Tests

| % ILI | 201440 | 201442 | 201444 | 201446 | 201448 | 201450 | 201452 | 201454 | 201456 | 201458 | 201460 | 201462 | 201464 | 201466 | 201468 | 201470 | 201472 | 201474 | 201476 | 201478 | 201480 | 201482 | 201484 | 201486 | 201488 | 201490 | 201492 | 201494 | 201496 | 201498 | 201500 | 201502 | 201504 | 201506 | 201508 | 201510 | 201512 | 201514 | 201516 | 201518 | 201520 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
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**Case Count**

Number of Cases

| Year | 201440 | 201442 | 201444 | 201446 | 201448 | 201450 | 201452 | 201454 | 201456 | 201458 | 201460 | 201462 | 201464 | 201466 | 201468 | 201470 | 201472 | 201474 | 201476 | 201478 | 201480 | 201482 | 201484 | 201486 | 201488 | 201490 | 201492 | 201494 | 201496 | 201498 | 201500 | 201502 | 201504 | 201506 | 201508 | 201510 | 201512 | 201514 | 201516 | 201518 |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

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7 labs reporting

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