Vermont 2016 – 2017 Influenza End of Season Report

Flu Surveillance Season

START
MMWR Week 40  (Week End Date 10/08/16)

END
MMWR Week 20  (Week End Date 5/20/17)

Outbreaks

<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long-Term Care</td>
<td>17</td>
</tr>
<tr>
<td>School</td>
<td>7</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
</tr>
</tbody>
</table>

Lab Testing

VDHL*

<table>
<thead>
<tr>
<th># Tested</th>
<th>389</th>
</tr>
</thead>
<tbody>
<tr>
<td># Positive</td>
<td>316 (81.2%)</td>
</tr>
<tr>
<td>Flu A</td>
<td>229 (72.5%)</td>
</tr>
<tr>
<td>Flu B</td>
<td>87 (27.5%)</td>
</tr>
</tbody>
</table>

NREVSS**

<table>
<thead>
<tr>
<th># Tested</th>
<th>5266</th>
</tr>
</thead>
<tbody>
<tr>
<td># Positive</td>
<td>741 (14.1%)</td>
</tr>
<tr>
<td>Flu A</td>
<td>516 (70%)</td>
</tr>
<tr>
<td>Flu B</td>
<td>225 (30%)</td>
</tr>
</tbody>
</table>

Region

<table>
<thead>
<tr>
<th>Region</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central</td>
<td>5</td>
</tr>
<tr>
<td>Northeastern</td>
<td>0</td>
</tr>
<tr>
<td>Northwestern</td>
<td>9</td>
</tr>
<tr>
<td>Southeastern</td>
<td>4</td>
</tr>
<tr>
<td>Southwestern</td>
<td>7</td>
</tr>
</tbody>
</table>

*VDHL = Vermont Department of Health Laboratory
**NREVSS = National Respiratory and Enteric Virus Surveillance System (3 hospitals reporting in VT)

MMWR Week # | VT Flu Geographic Spread
-------------|--------------------------
40           | No Activity
41           | Sporadic
42           | No Activity
43           | No Activity
44           | No Activity
45           | No Activity
46           | Sporadic
47           | Sporadic
48           | Sporadic
49           | Sporadic
50           | Sporadic
51           | Sporadic
52           | Local
1            | Local
2            | Local
3            | Regional
4            | Regional
5            | Widespread
6            | Widespread
7            | Widespread
8            | Widespread
9            | Widespread
10           | Widespread
11           | Widespread
12           | Widespread
13           | Widespread
14           | Widespread
15           | Regional
16           | Sporadic
17           | Sporadic
18           | Sporadic
19           | Sporadic
20           | Sporadic
Syndromic Surveillance of Influenza-like Illness (ILI) at Vermont Hospitals, 2016-2017 Season

% of Total Emergency Room Visits Due to ILI

Week Ending Date -- MMWR Week #
Percent of Visits Reported by Vermont Sentinel Providers with Influenza-like Illness by MMWR Week, 2016 - 2017 Flu Seasons

% of Visits Due to ILL

Percent of Visits Reported by Vermont Sentinel Providers with Influenza-like Illness by Age Group by MMWR Week 2016/2017 Flu Season

- Age 65 and older
- Age 50-64
- Age 25-49
- Age 5-24
- Age 0-4

Week Ending Date - MMWR Week #

% of Visits Due to ILI