Surveillance Data Synopsis

- Influenza activity is decreasing in Wisconsin.
- Influenza B accounted for 6% of the influenza viruses reported.
- RSV activity is at high levels in Wisconsin.
- Two recent Measles cases were detected (Milwaukee & Madison areas).

National Influenza Update (CDC)

- Nationally, CDC reported that 16.8% of the 7,562 surveillance specimens were positive for influenza. Influenza B activity was low (9.0% and of the total influenza reported).
- According to CDC through Feb. 8, 2014, the highest rate of hospitalization remains among adults aged ≥65 years, followed by those within the 50-64 years and 0-4 years age groups. Those aged 18-64 years accounted for over 60% of reported hospitalized cases.
- Influenza activity is decreasing. The number of states reporting widespread activity decreased to 24. Wisconsin activity was classified as regional.

Wisconsin Update

- Surveillance data showed decreasing activity with 22.2% of the 1,476 respiratory specimens testing positive for influenza by PCR.
- 6% of the influenza viruses reported were influenza B.

Other Surveillance Data (Wisconsin)

- RSV activity is at peak levels in Wisconsin with 15.4% of specimens testing positive by PCR.
- No Rotavirus activity was reported in WI for the past two weeks. Please send positive Rotavirus specimens to WSLH.

Surveillance Specimen Requests:

Due to increasing activity it is no longer necessary to send influenza rapid testing positive specimens for confirmatory testing.

- Please send the following specimens to WSLH:
  1. Influenza-related hospitalizations
  2. Specimens that fail to subtype (Ct <35) if subtyping was performed (e.g. 2009 H1N1 & H3).

### Table: Virus Testing Data (Week Ending February 8, 2014)

<table>
<thead>
<tr>
<th>Virus</th>
<th># Tested</th>
<th>% Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSV</td>
<td>460</td>
<td>15.4</td>
</tr>
<tr>
<td>Coronavirus</td>
<td>232</td>
<td>4.7</td>
</tr>
<tr>
<td>Human metapneumovirus</td>
<td>314</td>
<td>3.5</td>
</tr>
<tr>
<td>Rhinovirus/enterovirus</td>
<td>284</td>
<td>1.8</td>
</tr>
<tr>
<td>Parainfluenza</td>
<td>318</td>
<td>1.3</td>
</tr>
<tr>
<td>Adenovirus</td>
<td>232</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

### Graph: Number of Specimens Positive and the Percent Positive for RSV by PCR at Wisconsin Laboratories

- No Pos for RSV
- % Pos for RSV

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Influenza (Week ending February 8, 2014)

Week Ending February 8, 2014

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