### Laboratory Surveillance Report

#### Influenza (Week ending January 24, 2015)

**National Influenza Update (CDC)**

- Nationally, CDC reported 19.9% of the 23,339 surveillance specimens tested positive for influenza. There has been declining activity over the past three weeks.
- Surveillance data showed that the vast majority of the influenza viruses circulating this season are susceptible to the neuraminidase inhibitor drugs Oseltamivir, Zanamivir and Peramivir.
- One novel variant virus (H1N1) detection was reported from Minnesota.

**Wisconsin Influenza Update**

- Surveillance data showed influenza activity declining in Wisconsin. 21.8% of the 2,326 specimens tested positive for influenza by PCR.
- There was an increase in influenza B activity noted.

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#### Other Surveillance Data (Wisconsin)

**RSV**

- RSV activity is increasing in Wisconsin. 11.5% of the 671 specimens tested positive for RSV by PCR at Wisconsin clinical labs.
- RSV was the predominate non-influenza respiratory virus detected.

**Norovirus**

- A large number of norovirus outbreaks continue to be reported throughout the state.

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**Survey Data Synopsis**

- Overall, influenza activity is declining Wisconsin.
- There was an increase in influenza B activity noted.
- RSV was the predominant non-influenza respiratory virus detected in Wisconsin.
- Norovirus activity is being reported statewide.

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**It is NO longer necessary to send positive influenza specimens to WSLH. Please send:**

- A sampling of influenza-related hospitalizations.
- Specimens that fail to subtype (Ct <35) if subtyping for 2009H1 and H3 were performed.

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<table>
<thead>
<tr>
<th>Resp. Virus</th>
<th># Tested</th>
<th>% Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSV</td>
<td>671</td>
<td>11.5</td>
</tr>
<tr>
<td>Rhinovirus/Enterovirus</td>
<td>398</td>
<td>4.8</td>
</tr>
<tr>
<td>Coronavirus</td>
<td>253</td>
<td>3.2</td>
</tr>
<tr>
<td>Human metapneumovirus</td>
<td>473</td>
<td>2.3</td>
</tr>
<tr>
<td>Adenovirus</td>
<td>332</td>
<td>1.8</td>
</tr>
<tr>
<td>Parainfluenza</td>
<td>476</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

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**Number of Specimens Positive and the % Positive for RSV by PCR at Wisconsin Laboratories**

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**% Positive for Influenza by PCR (Wisconsin), Week Ending Jan. 24, 2015**

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