**Laboratory Surveillance Report**

**Influenza (Week ending December 27, 2014)**

**National Influenza Update (CDC)**
- Nationally, CDC reported 30.4% of the 24,001 surveillance specimens tested positive for influenza.
- Widespread influenza activity was reported in 43 states.

**Wisconsin Influenza Update**
- Surveillance data showed influenza activity widespread in Wisconsin. 48.1% of the 3,647 specimens tested positive for influenza by PCR at Wisconsin clinical labs.
- 98.4% were influenza A and 1.6% influenza B by PCR.
- The vast majority of influenza viruses subtyped were seasonal H3N2.
- 88% of the 43 Flu B viruses genotyped in Wisconsin were B-Yamagata.
- No resistance to the antiviral neuraminidase inhibitor drugs has been detected this season.

**Norovirus**
- The number of suspected norovirus outbreaks is increasing.
- Genotyping data showed that the norovirus GII.4_Sydney and norovirus GII.6B are the predominate strains circulating in Wisconsin.
- Both genotypes have circulated in previous years.

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**Other Surveillance Data (Wisconsin)**

### Resp. Virus # Tested % Positive

<table>
<thead>
<tr>
<th>Virus</th>
<th># Tested</th>
<th>% Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rhinovirus/Enterovirus</td>
<td>711</td>
<td>5.3</td>
</tr>
<tr>
<td>RSV</td>
<td>912</td>
<td>4.2</td>
</tr>
<tr>
<td>Coronavirus</td>
<td>331</td>
<td>1.8</td>
</tr>
<tr>
<td>Parainfluenza</td>
<td>896</td>
<td>1.2</td>
</tr>
<tr>
<td>Adenovirus</td>
<td>517</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Human metapneumovirus</td>
<td>710</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

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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.