Laboratory Surveillance Report

Influenza (Week ending October 18, 2014)

National Influenza Update (CDC)
- Nationally, CDC reported 4.8% of the 8,412 surveillance specimens tested positive for influenza. Overall, influenza activity is sporadic, but increasing.
- Localized influenza activity was reported in 5 states and Puerto Rico.
- Of the influenza viruses characterized at CDC the week ending October 18, 66.5% were influenza A and 33.5% were influenza B. 97% of the influenza A viruses subtyped were seasonal H3.

Wisconsin Influenza Update
- Surveillance data showed that 2.0% of the 494 specimens tested positive for influenza by PCR at Wisconsin clinical labs.
- One influenza A variant virus (H3v) was detected in NE public health region in Wisconsin.

Enterovirus D68
- As of October 27, 2014 the CDC has confirmed a total of 29 cases of Enterovirus D68 cases in Wisconsin since September 1, 2014.
- Other types of Enteroviruses & Rhinoviruses are circulating in the community.
- Enterovirus/ Rhinovirus was the predominate respiratory virus detected.

Other Surveillance Data (Wisconsin)

Enterovirus D68
- As of October 27, 2014 the CDC has confirmed a total of 29 cases of Enterovirus D68 cases in Wisconsin since September 1, 2014.
- Other types of Enteroviruses & Rhinoviruses are circulating in the community.
- Enterovirus/ Rhinovirus was the predominate respiratory virus detected.

### Week Ending October 18, 2014

<table>
<thead>
<tr>
<th>Resp. Virus</th>
<th># Tested</th>
<th>% Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rhinovirus/ Enterovirus</td>
<td>183</td>
<td>26.8</td>
</tr>
<tr>
<td>Parainfluenza</td>
<td>211</td>
<td>2.4</td>
</tr>
<tr>
<td>RSV</td>
<td>271</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Adenovirus</td>
<td>130</td>
<td>0</td>
</tr>
<tr>
<td>Human metapneumovirus</td>
<td>207</td>
<td>0</td>
</tr>
<tr>
<td>Coronavirus</td>
<td>104</td>
<td>0</td>
</tr>
</tbody>
</table>

Surveillance Specimen Requests:
- Please send ALL INFLUENZA POSITIVE SPECIMENS to WSLH for further characterization.