Laboratory Surveillance Report

Influenza (Week ending November 17, 2012)

Influenza Update (CDC)

- Nationally, influenza activity is increasing. CDC has reported that 13.2% of the 3,742 US surveillance specimens tested were positive for influenza virus.
- Of the positive influenza viruses reported, 68% were influenza A and 32% were influenza B. The majority of the influenza A’s were seasonal H3.
- No antiviral resistance (Oseltamivir & Zanamivir) has been detected with the seasonal influenza viruses circulating.

Influenza Update (Wisconsin)

- Influenza activity in Wisconsin is increasing with 8.8% of specimens positive by PCR.
- Of the influenza reported, 71% were type A and 29% were B.
- Of the influenza A viruses subtyped, 89% were seasonal H3 and 11% were 2009 H1N1.

Surveillance Specimen Requests:

- It is no longer necessary to send positive influenza specimens to WSLH for confirmatory testing due to increasing activity.
- Please send the following specimens to WSLH: Influenza-related hospitalizations
  Specimens that fail to subtype (Ct <35) if subtyping was performed

Other Surveillance Data

B. pertussis (Week ending November 17, 2012)

Labs performing PCR reported that 8.3% of the 599 specimens tested were positive for B. pertussis.

Rotavirus

Please forward positive Rotavirus specimens to WSLH.

Respiratory Viruses (Week ending November 17, 2012)

- Parainfluenza virus (PIV 2 & PIV 3) activity has been increasing.

<table>
<thead>
<tr>
<th>Virus</th>
<th># Tested</th>
<th>% Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rhino/Enterovirus</td>
<td>87</td>
<td>25.3</td>
</tr>
<tr>
<td>Parainfluenza</td>
<td>157</td>
<td>7.6</td>
</tr>
<tr>
<td>Adenovirus</td>
<td>87</td>
<td>4.6</td>
</tr>
<tr>
<td>RSV</td>
<td>156</td>
<td>1.9</td>
</tr>
<tr>
<td>Human metapneumovirus</td>
<td>102</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Coronavirus</td>
<td>65</td>
<td>0</td>
</tr>
</tbody>
</table>