Laboratory Surveillance Report

Influenza (Week ending March 2, 2013)

Influenza Update (CDC)
- Nationally, influenza activity continues to decline. CDC reported that 17.2% of the 6,259 US surveillance specimens tested were positive for influenza virus.
- There was a decline to 9 states that reported widespread influenza activity. Wisconsin reported localized activity.
- At the beginning of the season influenza A (H3N2) viruses have predominated; however, recently the proportion of influenza B has been increasing.

Wisconsin Update
- Wisconsin labs reported that 20% of the 795 specimens tested positive for influenza virus by PCR.
- Influenza B is the predominate influenza virus circulating.
- RSV activity is decreasing (21.6%)
- B. pertussis activity is decreasing.

Other Surveillance Data

RSV
- RSV activity is decreasing from 25% to 21.6% of specimens testing positive by PCR.

B. pertussis
- According to the WDPH, B. pertussis activity in Wisconsin has been declining (Figure 1).

Surveillance Specimen Requests:
- It is **no longer necessary to send positive influenza specimens to WSLH** for confirmatory testing.
- Please send the following specimens to WSLH: Specimens that fail to subtype (Ct <35) if subtyping was performed.

<table>
<thead>
<tr>
<th>Virus</th>
<th># Tested</th>
<th>% Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSV</td>
<td>449</td>
<td>21.6</td>
</tr>
<tr>
<td>Rhinovirus/enterovirus</td>
<td>230</td>
<td>6.1</td>
</tr>
<tr>
<td>Human metapneumovirus</td>
<td>253</td>
<td>3.2</td>
</tr>
<tr>
<td>Coronavirus</td>
<td>194</td>
<td>2.1</td>
</tr>
<tr>
<td>Parainfluenza</td>
<td>334</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Adenovirus</td>
<td>230</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

% Positive for Influenza by PCR (Wisconsin)