Laboratory Surveillance Report

Surveillance Data Synopsis
- Influenza is widespread in Wisconsin.
- Influenza activity is past peak levels.
- Norovirus activity is at high levels.
- RSV activity continues to increase.

Influenza (Week ending January 25, 2014)

National Influenza Update (CDC)
- Nationally, CDC reported that 21.1% of the 9,514 surveillance specimens were positive for influenza. Influenza B activity is increasing with 5.0% of specimens testing positive.
- 97% of the influenza viruses that were subtyped were 2009 H1N1.
- Influenza activity is past peak levels. CDC reported a decline in the number of states (38) reporting widespread activity including Wisconsin.

Wisconsin Update
- Surveillance data showed decreasing activity with 26.6% of the 1,845 respiratory specimens testing positive for influenza by PCR.
- 99% of the influenza viruses subtyped were influenza A (2009 H1N1).
- Influenza B activity is sporadic.
- No influenza antiviral resistance was detected in WI.

Surveillance Specimen Requests:
Due to increasing activity it is no longer necessary to send influenza rapid testing positive specimens for confirmatory testing.
- Please send the following specimens to WSLH:
  1. Influenza-related hospitalizations
  2. Specimens that fail to subtype (Ct <35) if subtyping was performed (e.g. 2009 H1N1 & H3).

Other Surveillance Data (Wisconsin)
- RSV activity is increasing in Wisconsin with 10.2% of specimens testing positive by PCR.
- Rotavirus activity is low. Please send positive Rotavirus specimens to WSLH.
- Norovirus activity is at high levels in Wisconsin.

<table>
<thead>
<tr>
<th>Virus</th>
<th># Tested</th>
<th>% Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSV</td>
<td>619</td>
<td>10.2</td>
</tr>
<tr>
<td>Rhinovirus/enterovirus</td>
<td>426</td>
<td>6.6</td>
</tr>
<tr>
<td>Coronavirus</td>
<td>293</td>
<td>2.7</td>
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<tr>
<td>Human metapneumovirus</td>
<td>446</td>
<td>2.5</td>
</tr>
<tr>
<td>Parainfluenza</td>
<td>447</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Adenovirus</td>
<td>369</td>
<td>&lt;1</td>
</tr>
</tbody>
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