Laboratory Surveillance Report

Influenza (Week ending January 11, 2014)

National Influenza Update (CDC)
- Nationally, CDC reported that 25.1% of the 10,841 surveillance specimens were positive for influenza. Influenza B activity is low with 2.2% of specimens testing positive.
- 98% of the influenza viruses that were subtyped were 2009 H1N1.
- Influenza activity is at peak levels. CDC reported widespread activity in 40 states.

Wisconsin Update
- Surveillance data showed increasing activity with 30% of the 2,110 respiratory specimens testing positive for influenza by PCR.
- 99% of the influenza viruses subtyped were influenza A (2009 H1N1).
- Influenza B activity is sporadic with only 1 case reported.
- No influenza antiviral resistance was detected in WI.

Surveillance Data Synopsis
- Influenza activity is reaching peak levels.
- No influenza antiviral resistance was detected in WI.
- Norovirus activity is at high levels.
- RSV activity continues to increase.

% Positive for Influenza by PCR (Wisconsin)

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 7.1% 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. Numerous outbreaks continued to be reported.

<table>
<thead>
<tr>
<th>Virus</th>
<th># Tested</th>
<th>% Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSV</td>
<td>700</td>
<td>7.1</td>
</tr>
<tr>
<td>Rhinovirus/enterovirus</td>
<td>419</td>
<td>5.5</td>
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<tr>
<td>Human metapneumovirus</td>
<td>434</td>
<td>2.5</td>
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<tr>
<td>Coronavirus</td>
<td>284</td>
<td>1.8</td>
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<tr>
<td>Parainfluenza</td>
<td>423</td>
<td>1.2</td>
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<tr>
<td>Adenovirus</td>
<td>367</td>
<td>0</td>
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</tbody>
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