Influenza H3N2 variant virus update (CDC):
- As of August 24, 2012, CDC has reported a total of 277 cases of H3N2v in the United States.
- There have been 13 influenza H3N2v related hospitalizations and no deaths reported since July 2012.
- Cases have been reported in 11 states since April 2012. The majority of cases have been either directly or indirectly related to swine contact.
- There have been a few reports of limited human-to-human transmission, but sustained transmission has not been identified.
- Additional information: http://www.cdc.gov/flu/swineflu/h3n2v-outbreak.htm

In Wisconsin (H3N2 variant virus):
- As of August 24, 2012, Wisconsin has reported 8 cases of the influenza H3N2v to the CDC.
- All of the cases have been directly or indirectly associated with swine contact.
- Seasonal influenza H3 have been co-circulating in Wisconsin.
- It is important to send all influenza positive specimens to WSLH for confirmation and characterization.
- Surveillance data graphs are updated weekly and are available on the WSLH website (http://www.slh.wisc.edu/labupdates/reports/flu.dot).

Respiratory Virus Surveillance:
- Please send ALL influenza positive specimens to WSLH. Please include on the specimen requisition form, the type of influenza test you performed, the manufacturer and your detailed test results (e.g. GeneXpert: InfA+, 2009 H1N1 -).
- Specimens from patients with known or suspected swine contact. Please contact your local public health department or the Wisconsin Division of Public Health for approval.

Other Surveillance Data from Wisconsin Labs: [graphs: http://www.slh.wisc.edu/labupdates/reports/]
- **B. pertussis**: Labs performing PCR reported that 12.2% of the 433 specimens tested were positive for B. pertussis (Fig. 1).
- **Respiratory Viruses (PCR)**:
  - The predominate respiratory virus detected the week ending August 18, 2012 was Rhinovirus/Enterovirus (Table 1).

### Table 1

<table>
<thead>
<tr>
<th>Virus</th>
<th>Number tested</th>
<th>(%) positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rhino/Enterovirus</td>
<td>46</td>
<td>26.1</td>
</tr>
<tr>
<td>Parainfluenza</td>
<td>70</td>
<td>2.9</td>
</tr>
<tr>
<td>Adenovirus</td>
<td>46</td>
<td>0</td>
</tr>
<tr>
<td>Human metapneumovirus</td>
<td>52</td>
<td>0</td>
</tr>
<tr>
<td>RSV</td>
<td>84</td>
<td>0</td>
</tr>
<tr>
<td>Coronavirus</td>
<td>42</td>
<td>0</td>
</tr>
</tbody>
</table>

### Figure 1

Number of Specimens Tested, Positive and Percent Positive for B. pertussis by PCR at Wisconsin Laboratories.