

**LABORATORY SURVEILLANCE REPORT**  
**August 27, 2012**

➤ **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**

<b>Virus</b>	<b>Number tested</b>	<b>(%) positive</b>
<i>Rhino/Enterovirus</i>	46	26.1
<i>Parainfluenza</i>	70	2.9
<i>Adenovirus</i>	46	0
<i>Human metapneumovirus</i>	52	0
<i>RSV</i>	84	0
<i>Coronavirus</i>	42	0

**Figure 1**

