

**LABORATORY SURVEILLANCE REPORT**  
September 17, 2012

➤ **Influenza H3N2 variant virus update(CDC):**

- As of September 14, 2012, the CDC has reported a total of **305 cases of H3N2v** in the United States. This is an increase of 9 cases from the previous week.
- Swine-origin influenza viruses that infect humans are designated “variant” viruses. Recent cases in the US have included H3N2v, H1N2v and H1N1v.
- 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 (H3N2v variant virus):**

- As of September 14, 2012, Wisconsin has reported **20 cases** of the influenza H3N2v to the CDC. There were NO new cases identified in the last week (Fig 1).
- All of the cases have been directly or indirectly associated with swine contact.
- **One case of seasonal influenza H3** was detected in Wisconsin the week ending Sept. 14.
- It is important to send all influenza positive specimens to WSLH for confirmation and characterization.

**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:** [graphs: <http://www.slh.wisc.edu/labupdates/reports/> ]

- **West Nile Virus:** The CDC data shows a marked increase in WNV activity this season. There have been **19 cases of WNV** (11 neuroinvasive) and 2 deaths recorded as of September 11 in Wisconsin.
- **Respiratory Viruses (PCR):**
  - The predominate respiratory virus detected the week ending September 8, 2012 was *Rhinovirus/Enterovirus* (Table 1).

Table 1

<b>Virus</b>	<b>Number tested</b>	<b>(%) positive</b>
<i>Rhino/Enterovirus</i>	42	14.3
<i>Parainfluenza</i>	61	8.2
<i>Adenovirus</i>	40	0
<i>Human metapneumovirus</i>	43	0
<i>RSV</i>	52	0
<i>Coronavirus</i>	38	0

Figure 1

