

# Laboratory Surveillance Report

## Influenza (Week ending December 1, 2012)

### Surveillance Data Synopsis

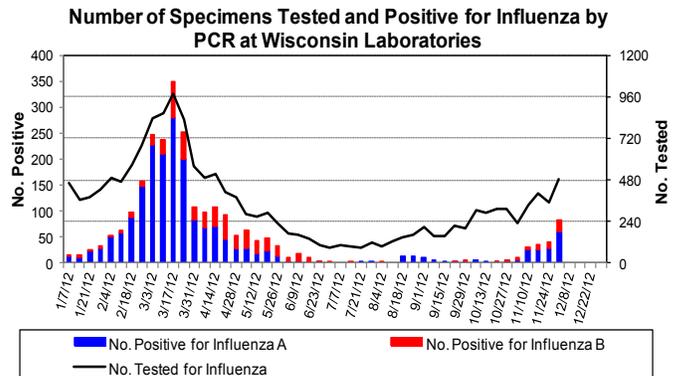
- **Influenza activity is increasing with 22.6% of specimens positive by PCR in Wisconsin.**
- **Influenza activity is increasing earlier this season.**
- **The strains circulating are well matched to the influenza vaccine.**
- **RSV activity is increasing (2.7%).**

### Influenza Update (CDC)

- Nationally, influenza activity is increasing. CDC has reported that 20.7% of the 5,511 US surveillance specimens tested were positive for influenza virus.
- Of the positive influenza viruses reported, 75% were influenza A and 25% were influenza B. The majority of the influenza A's were seasonal H3 (99%).
- Eight states have widespread influenza activity while 15 states including Wisconsin were reporting localized activity.

### Wisconsin Update

- Influenza activity in Wisconsin is increasing with 22.6% of specimens positive by PCR.
- Of the influenza reported, 72% were type A and 28% were B.
- All the influenza A viruses subtyped were seasonal H3. There were NO reports of 2009 H1N1.



### Surveillance Specimen Requests:

- It is **no longer necessary to send positive influenza specimens to WSLH** for confirmatory testing due to increasing activity.
- **Please send the following specimens to WSLH:**
  - Influenza-related hospitalizations**
  - Specimens that fail to subtype (Ct <35) if subtyping was performed**

## Other Surveillance Data

### Norovirus

A novel strain emerged (NV GII.4 Sydney) in Australia in March and has recently been identified from Wisconsin outbreaks. This may lead to increased norovirus activity this season.

### Rotavirus

**Please forward positive Rotavirus specimens to WSLH.**

**Respiratory Viruses** The predominate non-influenza respiratory virus detected by PCR was Rhinovirus/Enterovirus.

- RSV activity is increasing with 2.7% positivity from labs performing PCR.

Virus	# Tested	% Positive
Rhino/Enterovirus	122	19.7
Parainfluenza	189	6.3
Coronavirus	102	2.9
RSV	224	2.7
Human metapneumovirus	131	<1
Adenovirus	122	0