

# Laboratory Surveillance Report

## Influenza (Week ending December 28, 2013)

### Surveillance Data Synopsis

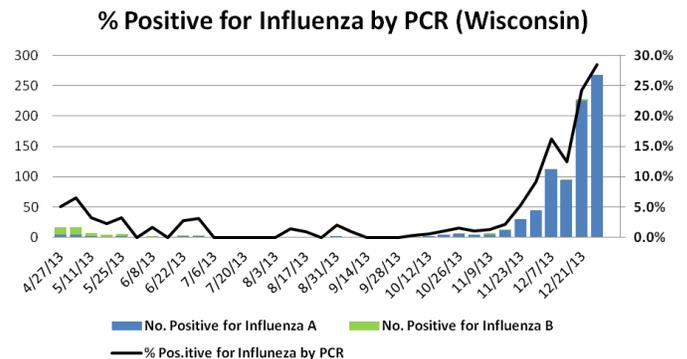
- **Influenza activity is increasing.**
- **All of the Influenza A viruses subtyped were A (2009 H1N1).**
- **Norovirus activity continues to increase.**
- **RSV was the predominate non-influenza respiratory virus reported.**

### National Influenza Update (CDC)

- Nationally, CDC reported that 26.7% of the 6,419 surveillance specimens were positive for influenza. Influenza B activity is low with 2.6% of specimens testing positive.
- 99% of the influenza viruses that were subtyped were 2009 H1N1.
- Antiviral resistance surveillance showed that 1.1% of the 910 specimens (2009 H1N1) tested nationally were resistant to Oseltamivir. No resistance was reported for Zanamivir.

### Wisconsin Update

- Surveillance data showed increasing activity with 29% of the 924 respiratory specimens testing positive for influenza by PCR.
- All of the viruses subtyped were influenza A (2009 H1N1).
- No influenza B activity was detected in Wisconsin by PCR.
- No influenza antiviral resistance was detected in WI.



### 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).

### Week Ending December 28, 2013

Virus	# Tested	% Positive
RSV	341	6.5
Rhinovirus/enterovirus	181	4.4
Parainfluenza	211	2.4
Adenovirus	148	1.4
Human metapneumovirus	184	<1
Coronavirus	152	<1

### Other Surveillance Data (Wisconsin)

- **RSV** was the predominate non-influenza respiratory virus reported from clinical labs performing PCR in Wisconsin.
- **Norovirus** activity is increasing in Wisconsin. The number of norovirus suspected outbreaks reported to the WI Division of Public Health is increasing.

