

Laboratory Surveillance Report

Influenza (Week ending January 25, 2014)

Surveillance Data Synopsis

- **Influenza is widespread in Wisconsin.**
- **Influenza activity is past peak levels.**
- **Norovirus activity is at high levels.**
- **RSV activity continues to increase.**

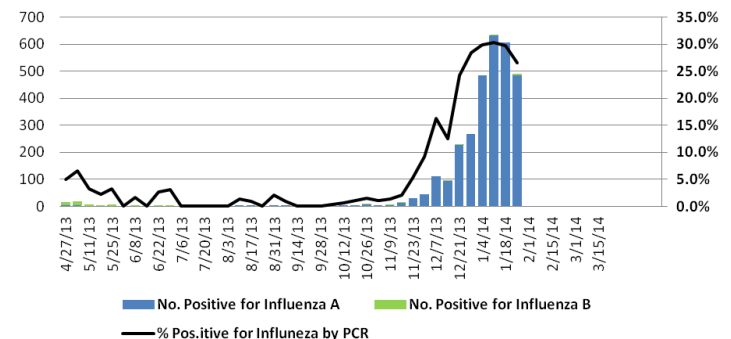
National Influenza Update (CDC)

- Nationally, CDC reported that 21.1% of the 9,514 surveillance specimens were positive for influenza. Influenza B activity is increasing with 5.0% of specimens testing positive.
- 97% of the influenza viruses that were subtyped were 2009 H1N1.
- Influenza activity is past peak levels. CDC reported a decline in the number of states (38) reporting widespread activity including Wisconsin.

Wisconsin Update

- Surveillance data showed decreasing activity with 26.6% of the 1,845 respiratory specimens testing positive for influenza by PCR.
- 99% of the influenza viruses subtyped were influenza A (2009 H1N1).
- Influenza B activity is sporadic.
- No influenza antiviral resistance was detected in WI.

% Positive for Influenza by PCR (Wisconsin)



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 January 25, 2014

Virus	# Tested	% Positive
RSV	619	10.2
Rhinovirus/enterovirus	426	6.6
Coronavirus	293	2.7
Human metapneumovirus	446	2.5
Parainfluenza	447	<1
Adenovirus	369	<1

Other Surveillance Data (Wisconsin)

- **RSV** activity is increasing in Wisconsin with 10.2% of specimens testing positive by PCR.
- **Rotavirus** activity is low. **Please send positive Rotavirus specimens to WSLH.**
- **Norovirus** activity is at high levels in Wisconsin.

Number of Specimens Tested, Positive and the Percent Positive for RSV by PCR at Wisconsin Laboratories

