

Laboratory Surveillance Report

Surveillance Data Synopsis

- Overall, influenza activity is declining Wisconsin.
- There was an increase in influenza B activity noted.
- RSV activity is widespread in Wisconsin.

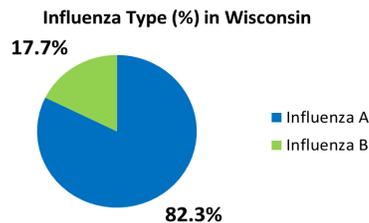
Influenza (Week ending February 7, 2015)

National Influenza Update (CDC)

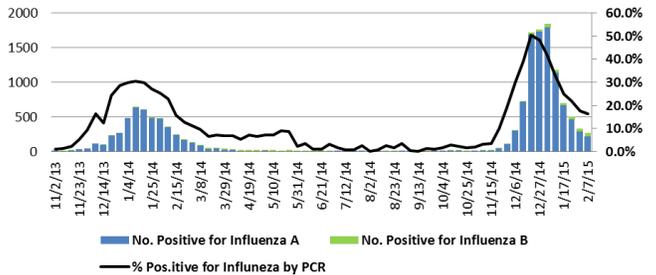
- Nationally, CDC reported 14.9% of the 21,340 surveillance specimens tested positive for influenza. Influenza activity has been declining in the US.
- The CDC reported that through Feb. 7, 2015 there have been 12,065 influenza-related hospitalizations reported (44.1 per 100,000) with the highest rate reported in those ≥65 years of age (217.3 per 100,000) followed by children 0-4 years of age (40.4 per 100,000).

Wisconsin Influenza Update

- Surveillance data showed influenza activity declining in Wisconsin. 16.4% of the 1,653 specimens tested positive for influenza by PCR.
- Surveillance data showed an increase in influenza B activity. The majority have been of the B-Yamagata lineage.



% Positive for Influenza by PCR (Wisconsin), Week Ending Feb. 7, 2015



It is **NO** longer necessary to send positive influenza specimens to WSLH. Please send:

- A sampling of influenza-related hospitalizations.
- Specimens that fail to subtype (Ct <35) if subtyping for 2009H1 and H3 were performed.

Week Ending February 7, 2015

Resp. Virus	# Tested	% Positive
RSV	614	20.0
Coronavirus	212	8.5
Rhinovirus/ Enterovirus	411	4.6
Parainfluenza	544	2.2
Human metapneumovirus	441	2.0
Adenovirus	303	2.0

Other Surveillance Data (Wisconsin)

RSV

- RSV activity is increasing in Wisconsin. 20.0% of the 614 specimens tested positive for RSV by PCR at Wisconsin clinical labs.
- RSV was the predominate non-influenza respiratory virus detected.

Rotavirus

- Please send Rotavirus positive specimens to WSLH for further characterization.

Number of Specimens Positive and % Positive for RSV by PCR at Wisconsin Laboratories

