

Laboratory Surveillance Report

Surveillance Data Synopsis

- **Influenza B was the predominate influenza virus detected.**
- **RSV activity is widespread.**
- **Rotavirus activity is increasing.**

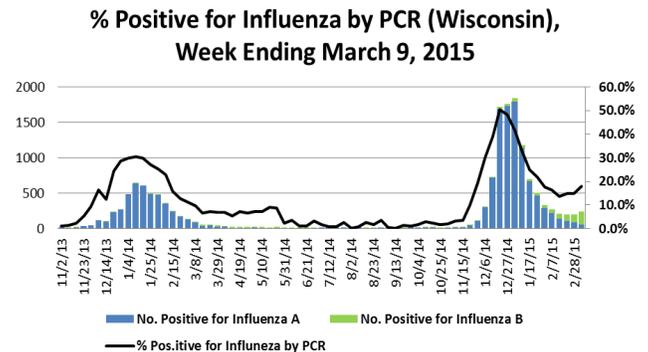
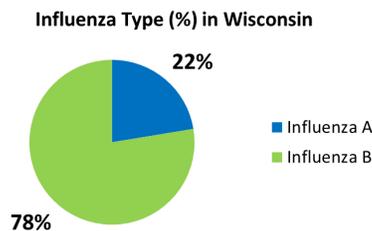
Influenza (Week ending March 9, 2015)

National Influenza Update (CDC)

- Nationally, CDC reported 11.4% of the 14,634 surveillance specimens tested positive for influenza. Influenza activity has been declining in the US.
- The CDC reported that the cumulative hospitalization rate for lab-confirmed influenza this season was 55.7 per 100,000 population.
- Widespread activity was reported in 9 states. Wisconsin was classified as *localized* activity.

Wisconsin Influenza Update

- Surveillance data showed influenza activity declining in Wisconsin. 18.0% of the 1,338 specimens tested positive for influenza by PCR.
- PCR typing data showed that the vast majority of influenza viruses detected were influenza B.



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 March 9, 2015

Resp. Virus	# Tested	% Positive
RSV	534	21.9
Rhinovirus/ Enterovirus	361	7.2
Coronavirus	150	5.3
Human metapneumovirus	383	3.9
Parainfluenza	384	2.9
Adenovirus	224	1.3

Other Surveillance Data (Wisconsin)

RSV

- RSV activity is peak levels in Wisconsin. 21.9% of the 534 specimens tested positive for RSV by PCR at Wisconsin clinical labs.
- RSV was the predominate non-influenza respiratory virus detected.

Rotavirus

- Rotavirus activity is increasing.
- 42.6% of the 146 specimens tested were positive for rotavirus by rapid antigen testing.

