

Laboratory Surveillance Report

Surveillance Data Synopsis

- Overall, influenza activity is declining.
- RSV activity is declining.
- Rhinovirus/enterovirus was the predominate non-influenza respiratory virus.

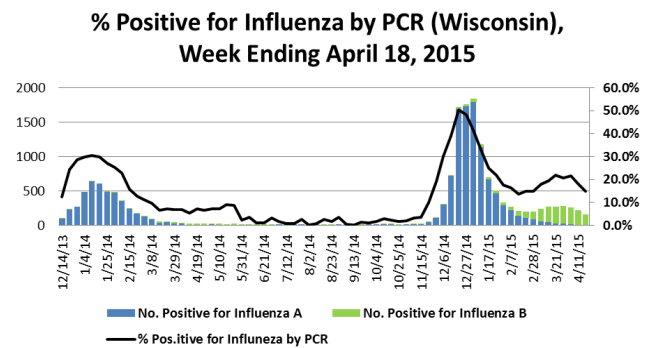
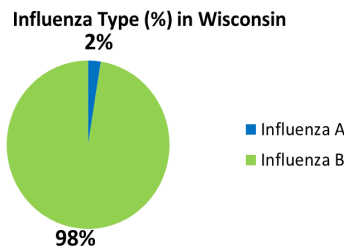
Influenza (Week ending April 18, 2015)

National Influenza Update (CDC)

- Nationally, CDC reported a decrease in activity to 7.6% of the 10,457 surveillance specimens testing positive for influenza. Influenza B was the predominate influenza virus reported, but activity is declining.
- Only 3 US states reported widespread influenza activity (NY, MA, and CT).

Wisconsin Influenza Update

- Surveillance data showed a decline in influenza A and B activity. 14.9% of the 1,076 specimens tested positive for influenza by PCR.
- Multiple outbreaks of avian influenza H5N2 have occurred in poultry in Wisconsin and surrounding states. To date, this virus has NOT been detected in humans in the US.



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 April 18, 2015

Resp. Virus	# Tested	% Positive
Rhinovirus/Enterovirus	400	8.8
Parainfluenza	433	8.1
Human metapneumovirus	434	6.5
RSV	513	6.2
Coronavirus	185	<1
Adenovirus	229	<1

Other Surveillance Data (Wisconsin)

Respiratory virus

- Surveillance data showed an increase in parainfluenza and rhinovirus/enterovirus activity in Wisconsin. Parainfluenza 3 was the predominate parainfluenza type reported.

B. pertussis

- For the week ending April 18, 2015, B. Pertussis was detected in 3.7% of the specimens tested by PCR at WI clinical labs.

