

Laboratory Surveillance Report

Influenza (Week ending February 22, 2014)

Surveillance Data Synopsis

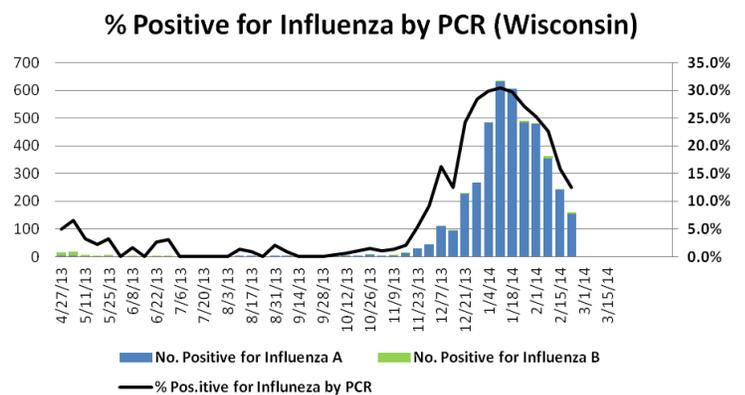
- Influenza activity is decreasing in Wisconsin.
- The number of influenza B detections reported in Wisconsin is low.
- RSV activity is at high levels in Wisconsin.
- Human metapneumovirus activity is increasing in Wisconsin.

National Influenza Update (CDC)

- Nationally, CDC reported that 10.8% of the 6,813 surveillance specimens were positive for influenza. Influenza B activity is increasing (17.1% of the total influenza reported).
- Influenza antiviral resistance is low with <1.0% of the 3,733 influenza A 2009H1N1 specimens tested resistant to Oseltamivir.
- Overall influenza activity is decreasing. The number of states reporting widespread activity decreased to 10. Wisconsin activity was classified as *regional*.

Wisconsin Update

- Surveillance data showed decreasing activity with 12.5% of the 1,278 specimens testing positive for influenza by PCR.
- Influenza B activity is lower in Wisconsin than nationally (2.5% of the positive influenza specimens).



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 February 22, 2014

Virus	# Tested	% Positive
RSV	538	22.3
Human metapneumovirus	304	8.2
Rhinovirus/enterovirus	280	5.7
Coronavirus	199	4.0
Parainfluenza	314	1.6
Adenovirus	239	<1

Other Surveillance Data (Wisconsin)

- RSV activity is at peak levels in Wisconsin with 22.3% of specimens testing positive by PCR and 33% by rapid antigen testing.
- Human metapneumovirus activity also increased with 8.2% of specimens testing positive by PCR.

