

Laboratory Surveillance Report

Influenza (Week ending April 13, 2013)

Surveillance Data Synopsis

- RSV activity is decreasing.
- Overall, influenza activity continues to decrease.
- Influenza B was the predominate influenza type reported.
- Rhinovirus/enterovirus activity is increasing in Wisconsin.

Influenza Update (CDC)

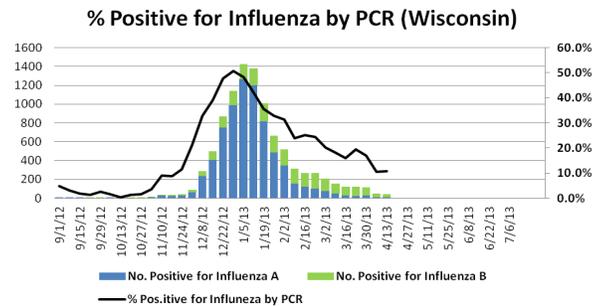
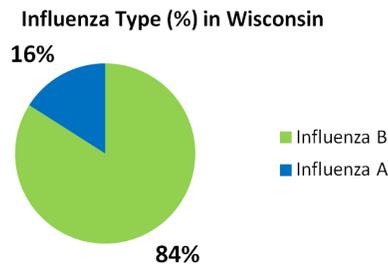
- Nationally, influenza activity continues to decline. CDC reported that 9.3% of the 3,802 US surveillance specimens tested were positive for influenza virus.
- According to CDC, a cumulative rate of 43.7 lab-confirmed influenza hospitalizations per 100,000 population with 50% ages 65 and older for this season.

*****Novel Influenza A (H7N9)*****

As of April 21, 2013, the WHO has reported 102 human infections of avian influenza A (H7N9) in China. There has been no evidence of sustained human transmission reported to date and no cases identified in the US.

Wisconsin Update

- Wisconsin labs reported that 10.9% of the 396 specimens tested positive for influenza virus by PCR.



Surveillance Specimen Requests:

- It is **no longer necessary to send positive influenza specimens to WSLH** for confirmatory testing.
- Please send the following specimens to WSLH: Specimens that fail to subtype (Ct <35) if subtyping was performed.

Week Ending April 13, 2013

Virus	# Tested	% Positive
Rhinovirus/enterovirus	100	15.0
RSV	277	11.2
Human metapneumovirus	141	9.9
Coronavirus	100	4.0
Parainfluenza	193	1.0
Adenovirus	100	0

Other Surveillance Data

RSV

RSV activity is decreasing. 11.2% of specimens testing positive by PCR.

Human metapneumovirus

Human metapneumovirus reported from Wisconsin clinical labs continues to **increase**. Of the 141 specimens tested by PCR, 9.9% were positive.

