

Laboratory Surveillance Report

Influenza (Week ending March 30, 2013)

Surveillance Data Synopsis

- **RSV activity is decreasing, but remains at high levels in Wisconsin.**
- **Overall, influenza activity continues to decrease.**
- **Human metapneumovirus detections are increasing.**
- **There have been many norovirus outbreaks reported during March. Activity remains high.**

Influenza Update (CDC)

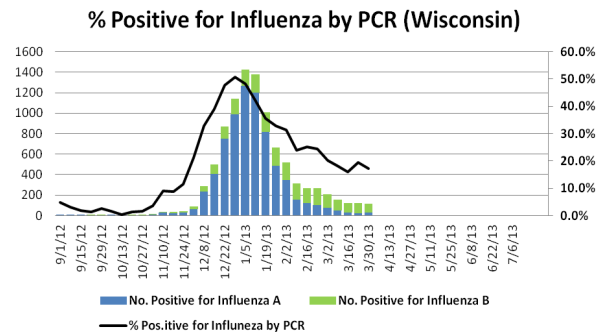
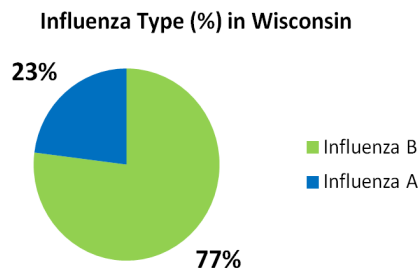
- Nationally, influenza activity continues to decline. CDC reported that 11.3% of the 4,909 US surveillance specimens tested were positive for influenza virus.
- According to CDC, Wisconsin was classified as having localized activity.

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

As of April 7, 2013, 21 human infections of novel influenza A virus (H7N9) were reported in China by the WHO. There has been no sustained human transmission reported to date and no cases identified in the US.

Wisconsin Update

- Wisconsin labs reported that 17.3% of the 652 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 March 30, 2013

Virus	# Tested	% Positive
RSV	397	14.4
Rhinovirus/enterovirus	198	11.1
Human metapneumovirus	225	8.9
Coronavirus	159	1.9
Parainfluenza	260	1.5
Adenovirus	187	<1

Other Surveillance Data

RSV

RSV activity is decreasing. 14.4% of specimens testing positive by PCR.

Human metapneumovirus

The number of positive specimens for human metapneumovirus reported from Wisconsin clinical labs continues to **increase**. Of the 225 specimens tested by PCR, 8.9% were positive.

Rotavirus

Rotavirus was detected in 21.7% of the 83 specimens tested by Wisconsin clinical labs using rapid antigen tests.