

Laboratory Surveillance Report

Surveillance Data Synopsis

- **Influenza activity is increasing with 8.8% of specimens positive by PCR in Wisconsin.**
- **Parainfluenza virus activity is increasing (PIV 2 & PIV 3)**
- **Rhinovirus/Enterovirus was the predominate virus reported.**

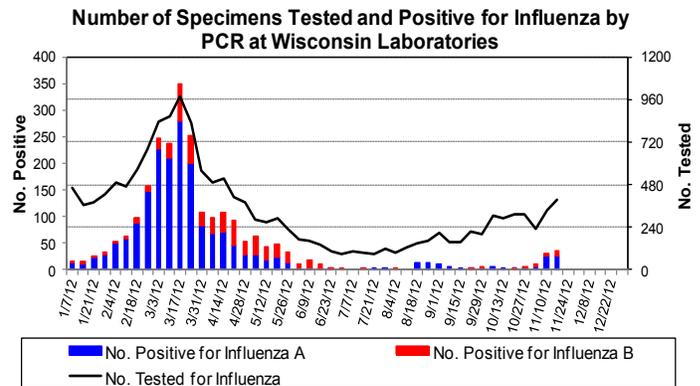
Influenza (Week ending November 17, 2012)

Influenza Update (CDC)

- Nationally, influenza activity is increasing. CDC has reported that 13.2% of the 3,742 US surveillance specimens tested were positive for influenza virus.
- Of the positive influenza viruses reported, 68% were influenza A and 32% were influenza B. The majority of the influenza A's were seasonal H3.
- No antiviral resistance (Oseltamivir & Zanamivir) has been detected with the seasonal influenza viruses circulating.

Influenza Update (Wisconsin)

- Influenza activity in Wisconsin is increasing with 8.8% of specimens positive by PCR.
- Of the influenza reported, 71% were type A and 29% were B.
- Of the influenza A viruses subtyped, 89% were seasonal H3 and 11% were 2009 H1N1.



Surveillance Specimen Requests:

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

Other Surveillance Data

B. pertussis (Week ending November 17, 2012)

Labs performing PCR reported that 8.3% of the 599 specimens tested were positive for B. pertussis.

Rotavirus

Please forward positive Rotavirus specimens to WSLH.

Respiratory Viruses (Week ending November 17, 2012) The predominate respiratory virus detected by PCR was Rhinovirus/Enterovirus.

- Parainfluenza virus (PIV 2 & PIV 3) activity has been increasing.

Virus	# Tested	% Positive
Rhino/Enterovirus	87	25.3
Parainfluenza	157	7.6
Adenovirus	87	4.6
RSV	156	1.9
Human metapneumovirus	102	<1
Coronavirus	65	0