

Laboratory Surveillance Report

Influenza (Week ending February 16, 2013)

Surveillance Data Synopsis

- **Overall, Influenza activity is slowly decreasing.**
- **Influenza B is the predominate influenza virus in Wisconsin.**
- **RSV activity is increasing (37.5%).**
- **Influenza A H3N2 is the predominate subtype.**

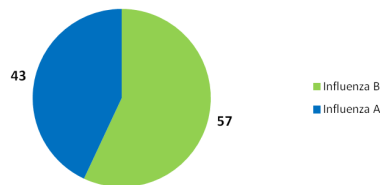
Influenza Update (CDC)

- Nationally, influenza activity continues to decline. CDC reported that 16.8% of the 8,144 US surveillance specimens tested were positive for influenza virus.
- There was a decline to 22 states that reported widespread influenza activity. Wisconsin reported regional activity.
- According to CDC, the most affected group with influenza-related hospitalizations were those >65 years old. Among hospitalizations (85.8%) were associated with influenza A.

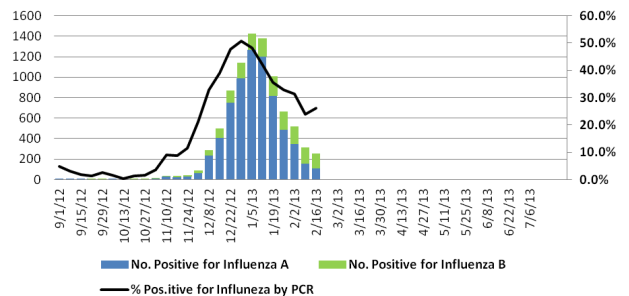
Wisconsin Update

- Wisconsin labs reported that 26.2% of specimens tested positive for influenza virus by PCR.
- Influenza A (H3N2) was the predominate subtype.

Influenza Type (%) in Wisconsin



% Positive for Influenza by PCR (Wisconsin)



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 February 16, 2013

Virus	# Tested	% Positive
RSV	456	32.2
Coronavirus	156	5.1
Rhinovirus/ Enterovirus	168	4.2
Human metapneumovirus	201	1
Parainfluenza	201	1
Adenovirus	156	<1

Other Surveillance Data

Respiratory Viruses

RSV activity is increasing from 26.2% to 32.2% of specimens testing positive by PCR.

Sites using rapid tests reported an increase from 28.3% to 37.5% the week ending February 16, 2013.

Rotavirus

Clinical labs reported 12.7% of the 55 specimens tested were positive. **Please forward positive Rotavirus specimens to WSLH.**

B. pertussis

Clinical labs reported that 3.4% of the 325 specimens were positive for B. pertussis.