

Laboratory Surveillance Report

Influenza (Week ending December 14, 2013)

Surveillance Data Synopsis

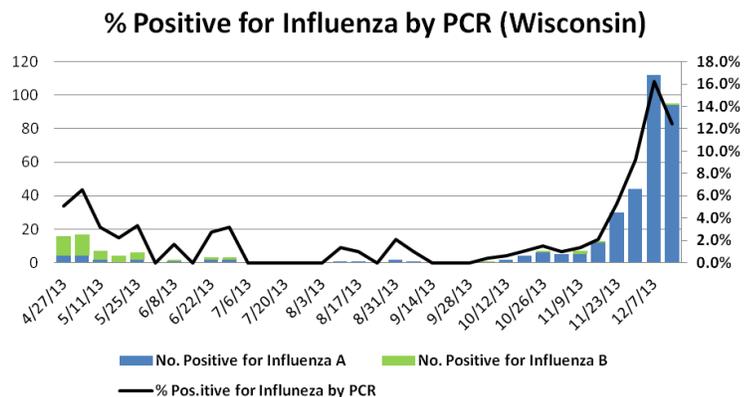
- Influenza activity is increasing both in Wisconsin and nationally.
- Influenza A (2009 H1N1) was the predominate subtype detected.
- RSV activity is increasing.
- Mycoplasma pneumoniae activity was reported.

National Influenza Update (CDC)

- Nationally, CDC reported that 17.8% of the 7,294 surveillance specimens were positive for influenza. Only 3.1% of the positives were influenza B.
- The majority of the influenza A viruses subtyped were 2009H1N1 (97%).
- All of the influenza A viruses that were characterized were well matched with those included in the 2013-2014 influenza vaccine.

Wisconsin Update

- Surveillance data showed that 12.5% of the 762 influenza specimens tested by PCR in Wisconsin were positive.
- All of the viruses subtyped were influenza A (2009 H1N1).
- There was only 1 influenza B virus reported by PCR.



Surveillance Specimen Requests:

NEW 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 December 14, 2013

Virus	# Tested	% Positive
Rhinovirus/enterovirus	183	10.4
RSV	288	4.2
Parainfluenza	201	3.5
Adenovirus	148	1.4
Human metapneumovirus	195	1
Coronavirus	148	0

Other Surveillance Data (Wisconsin)

- Surveillance data from the clinical labs reporting PCR results showed that **RSV** activity in Wisconsin is slowly increasing.
- Mycoplasma pneumoniae activity has been reported in Wisconsin with numerous cases associated with the University of Wisconsin campus.

