

# Laboratory Surveillance Report

## Influenza (Week ending January 11, 2014)

### Surveillance Data Synopsis

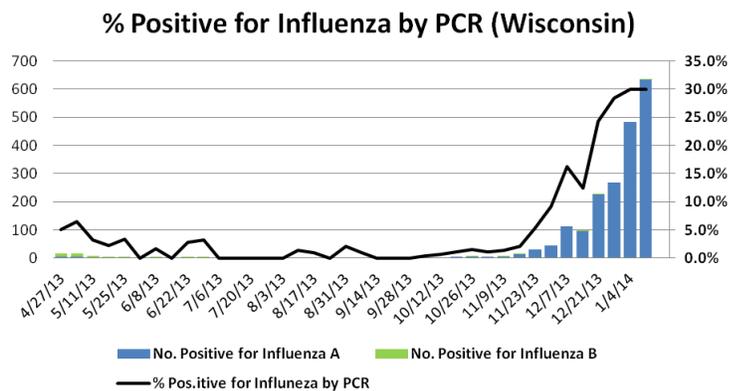
- **Influenza activity is reaching peak levels.**
- **No influenza antiviral resistance was detected in WI.**
- **Norovirus activity is at high levels.**
- **RSV activity continues to increase.**

### National Influenza Update (CDC)

- Nationally, CDC reported that 25.1% of the 10,841 surveillance specimens were positive for influenza. Influenza B activity is low with 2.2% of specimens testing positive.
- 98% of the influenza viruses that were subtyped were 2009 H1N1.
- Influenza activity is at peak levels. CDC reported widespread activity in 40 states.

### Wisconsin Update

- Surveillance data showed increasing activity with 30% of the 2,110 respiratory specimens testing positive for influenza by PCR.
- 99% of the influenza viruses subtyped were influenza A (2009 H1N1).
- Influenza B activity is sporadic with only 1 case reported.
- No influenza antiviral resistance was detected in WI.



### Surveillance Specimen Requests:

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 January 11, 2014

Virus	# Tested	% Positive
RSV	700	7.1
Rhinovirus/enterovirus	419	5.5
Human metapneumovirus	434	2.5
Coronavirus	284	1.8
Parainfluenza	423	1.2
Adenovirus	367	0

## Other Surveillance Data (Wisconsin)

- **RSV** activity is increasing in Wisconsin with 7.1% of specimens testing positive by PCR.
- **Rotavirus** activity is low. **Please send positive Rotavirus specimens to WSLH.**
- **Norovirus** activity is at high levels in Wisconsin. Numerous outbreaks continued to be reported.

