# Laboratory Surveillance Report

### 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.

## Influenza (Week ending January 11, 2014)

### 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 HINI.

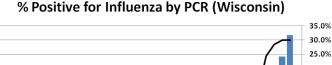
700

600

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 HINI).
- Influenza B activity is sporadic with only I case reported.
- No influenza antiviral resistance was detected in WI.



#### 500 25.0% 400 20.0% 15.0% 300 200 10.0% 100 5.0% 0 0.0% 11/23/13 612113 618123 12/11/23 12/21/13 5/12/123 5125/13 212122 1316/1320/13 No. Positive for Influenza A No. Positive for Influenza B •% Pos.itive for Influneza by PCR

#### 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 subytping was performed (e.g. 2009 HINI & H3).

Week Ending January 11, 2014		
Virus	# Tested	% Positive
RSV	700	7.1
Rhinovirus/ enterovirus	419	5.5
Human metapneu- movirus	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.
- Positive for RSV by PCR at Wisconsin Laboratories 20.0% 660 Positive & Tested 440 10.0% 220 è 0.0% 10/12/13 5/24/14 6/7/14 1/21/14 9/28/13 1/23/13 1/26/14 1/4/14 ----% Pos. for RSV No. Pos for RSV RSV Tstd

Number of Specimens Tested, Positive and the Percent

Norovirus activity is at high

levels in Wisconsin. Numerous outbreaks continued to be reported.