

# Laboratory Surveillance Report

## Influenza (Week ending February 21, 2015)

### Surveillance Data Synopsis

- Overall, influenza activity is declining Wisconsin.
- Almost half of the influenza viruses detected were influenza B.
- RSV activity is widespread.
- Rotavirus activity is increasing.

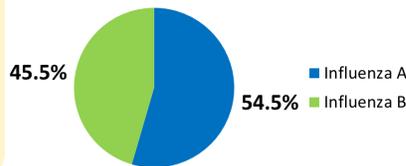
### National Influenza Update (CDC)

- Nationally, CDC reported 12.1% of the 18,505 surveillance specimens tested positive for influenza. Influenza activity has been declining in the US.
- The CDC reported the vast majority of recently circulating influenza viruses have been susceptible to the neuraminidase inhibitor antiviral medications, oseltamivir, zanamivir, and peramivir; rare sporadic instances of oseltamivir-resistant A(H1N1)pdm09 have been detected.

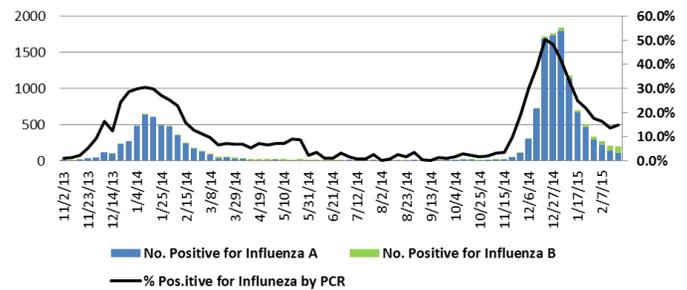
### Wisconsin Influenza Update

- Surveillance data showed influenza activity declining in Wisconsin. 15.0% of the 1,337 specimens tested positive for influenza by PCR.
- PCR typing data showed that 45.5% of the influenza viruses reported were influenza B.

Influenza Type (%) in Wisconsin



% Positive for Influenza by PCR (Wisconsin), Week Ending Feb. 21, 2015



It is **NO** longer necessary to send positive influenza specimens to WSLH. Please send:

- A sampling of influenza-related hospitalizations.
- Specimens that fail to subtype (Ct <35) if subtyping for 2009H1 and H3 were performed.

### Week Ending February 21, 2015

Resp. Virus	# Tested	% Positive
RSV	477	20.8
Rhinovirus/ Enterovirus	329	4.9
Human metapneumovirus	357	3.6
Coronavirus	166	3.0
Parainfluenza	359	1.7
Adenovirus	218	0.0

## Other Surveillance Data (Wisconsin)

### RSV

- RSV activity is increasing in Wisconsin. 20.8% of the 477 specimens tested positive for RSV by PCR at Wisconsin clinical labs.
- RSV was the predominate non-influenza respiratory virus detected.

### Rotavirus

- 27.5% of the 69 specimens tested were positive for rotavirus by rapid antigen testing.

Number of Specimens Positive and % Positive for RSV by PCR at Wisconsin Laboratories

