

Laboratory Surveillance Report

Influenza (Week ending January 10, 2015)

Surveillance Data Synopsis

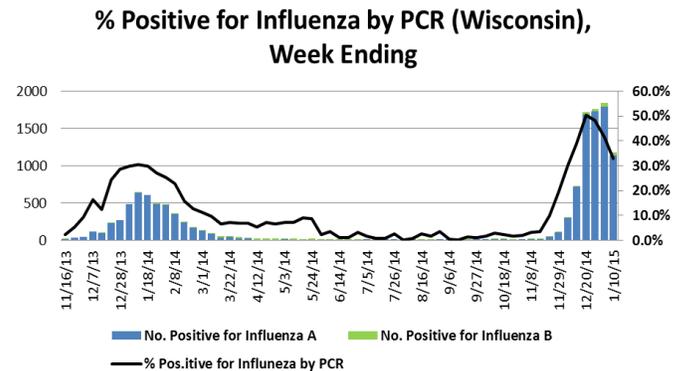
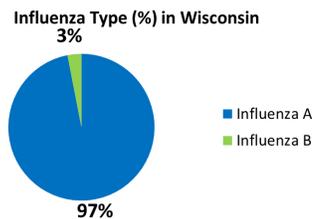
- Influenza is widespread in Wisconsin.
- 65% of the influenza A (H3) viruses characterized were drifted from the vaccine strain component.
- No influenza antiviral resistance has been reported in the US.
- RSV activity is increasing.

National Influenza Update (CDC)

- Nationally, CDC reported 20.2% of the 26,204 surveillance specimens tested positive for influenza. There has been declining activity over the past two weeks, but widespread influenza activity was reported in most of the US (44 states).
- 35% of the influenza A(H3) viruses characterized were well matched with the vaccine strain components while 65% showed reduced titers (e.g. drifted) this season.

Wisconsin Influenza Update

- Surveillance data showed influenza activity widespread in Wisconsin. 32.7% of the 3,593 specimens tested positive for influenza by PCR.
- No resistance to the antiviral neuraminidase inhibitor drugs has been detected this season.



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 January 10, 2015

Resp. Virus	# Tested	% Positive
RSV	892	6.3
Rhinovirus/Enterovirus	644	4.5
Coronavirus	329	2.1
Parainfluenza	667	1.5
Adenovirus	467	<1
Human metapneumovirus	664	<1

Other Surveillance Data (Wisconsin)

RSV

- RSV activity is increasing in Wisconsin. 6.3% of the 892 specimens tested positive for RSV by PCR at Wisconsin clinical labs.
- RSV was the predominate non-influenza respiratory virus detected.

Rotavirus

- Please send positive Rotavirus specimens to WSLH for further characterization.

