

Laboratory Surveillance Report

Influenza (Week ending January 28, 2017)

Surveillance Data Synopsis

- Influenza virus activity is approaching peak levels.
- RSV activity is near peak levels.
- Norovirus activity is widespread in Wisconsin.
- Please contact local health regarding travelers from China with respiratory illness.

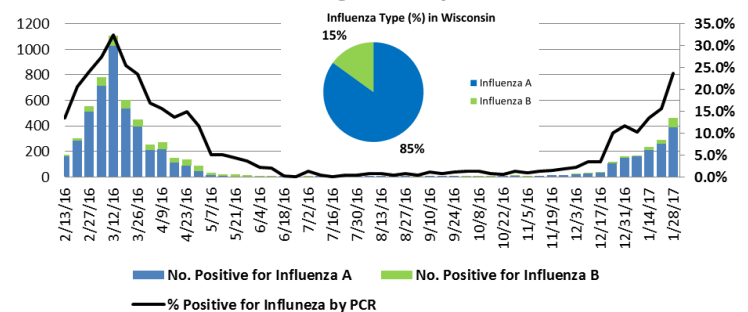
National Influenza Update (CDC)

- Nationally, the CDC reported that 18.0% of the 26,658 surveillance specimens tested positive for influenza virus (A and B).
- The influenza vaccine strain components are well matched with those circulating in the community.
- Widespread influenza activity was reported in 40 US States including Wisconsin.

Wisconsin Influenza Update

- Influenza virus was detected in 23.6% of the 1,944 specimens tested in Wisconsin by PCR.
- 96% of the specimens subtyped were influenza A (H3) and 4% were H1N1.

% Positive for Influenza by PCR (Wisconsin), Week Ending January 28, 2017



It is **no longer necessary** to send positive influenza specimens for confirmatory testing. Please send:

1. A sampling of specimens from influenza-related hospitalizations.
2. Specimens that fail to subtype (Ct <35) if subtyping for 2009 pdmH1 and H3 were performed.

Other Surveillance Data-Wisconsin

Week Ending January 28, 2017

Resp. Pathogen PCR	# Tested	% Positive
Influenza	1,944	23.6↑
RSV	955	20.8↑
Coronavirus	360	15.8↑
Rhinovirus/ Enterovirus	638	4.5↓
Human metapneumovirus	690	2.5
Parainfluenza	653	2.1
Adenovirus	360	1.9
<i>B. pertussis</i>	346	<1

Respiratory

- Influenza activity is approaching peak levels.
- RSV activity is near peak levels.

Gastropathogens

- Norovirus, sapovirus and EPEC were the predominant gastropathogens reported by labs performing PCR testing.
- Please send in all **rotavirus positive specimens** to WSLH for strain characterization.

Week Ending January 28, 2016

GI Pathogen PCR	# Tested	% Positive
Norovirus	151	21.9↑
EPEC	45	6.7
Sapovirus	45	6.7↑
Cryptosporidium	45	2.2
Salmonella	159	1.9
Rotavirus	105	1.9
STEC	163	1.2
Campylobacter	223	<1
Giardia	45	0
Shigella	186	0
<i>E. coli</i> 0157	45	0