

Laboratory Surveillance Report

Influenza (Week ending December 17, 2016)

Surveillance Data Synopsis

- Seasonal respiratory virus activities are increasing.
- Influenza activity is low and increasing in Wisconsin.
- Influenza A (H3) is the predominant subtype.

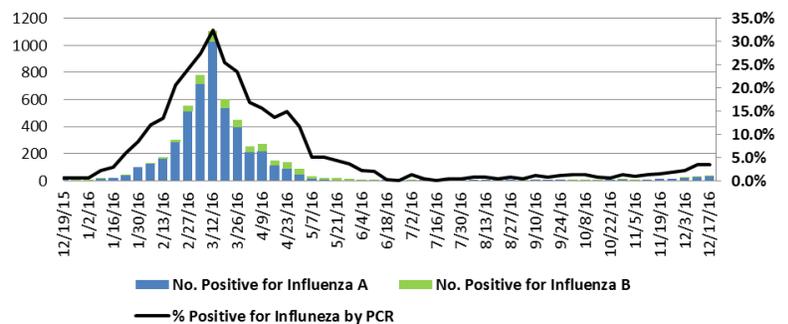
National Influenza Update (CDC)

- Nationally, the CDC reported that 7.1% of the 16,010 surveillance specimens tested positive for influenza virus (A and B). There was a small increase from the previous week (4.5%).
- 87% of the positive specimens were influenza A and 13% were influenza B. 98% of those subtyped were influenza A (H3).
- Regional influenza activity is being reported in 13 US States and 23 reported local activity.

Wisconsin Influenza Update

- A total of 33 specimens of the 967 (3.4%) tested by PCR were positive for influenza virus. 94% were influenza A.
- 16 of the 16 (100%) specimens subtyped were influenza A (H3).

% Positive for Influenza by PCR (Wisconsin), Week Ending December 17, 2016



NEW

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 December 17, 2016

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/enterovirus	417	13.2
Coronavirus	174	8.6↑
RSV	533	6.4↑
Parainfluenza	435	4.1
Influenza	967	3.4↑
Adenovirus	174	1.7
Human metapneumovirus	462	1.5↑
<i>B. pertussis</i>	511	3.7

Respiratory

- Seasonal respiratory virus activities are increasing including influenza, RSV, coronavirus and human metapneumovirus.

Gastropathogens

- Norovirus was the predominant gastropathogen reported by labs performing culture independent diagnostic tests (CIDT).
- Please send in all **rotavirus positive specimens** to WSLH for strain characterization.

Week Ending December 17, 2016

GI Pathogen PCR	# Tested	% Positive
Norovirus	110	16.4↑
EPEC	48	10.4
Cryptosporidium	48	6.3
Giardia	48	4.2
Campylobacter	180	1.1
Rotavirus	95	1.1
STEC	143	0
Salmonella	180	0
Shigella	95	0
E. coli O157	48	0
Sapovirus	48	0