

Laboratory Surveillance Report

Influenza (Week ending Feb. 20, 2016)

Surveillance Data Synopsis

- RSV activity is at high levels.
- Influenza activity in Wisconsin is increasing.
- Human metapneumovirus activity is increasing.
- Norovirus & Sapovirus are the predominate gastro pathogens detected.

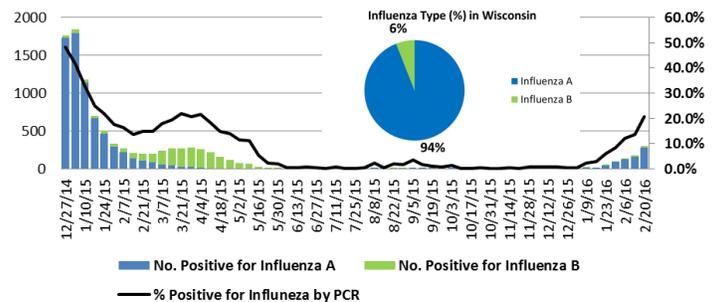
National Influenza Update (CDC)

- Nationally, CDC reported 13.8% of the 18,884 surveillance specimens tested positive for influenza. 76% of the positives reported were influenza A and 24% were influenza B.
- The predominate subtype nationwide was **2009 pdm H1N1** (87%).
- Overall, increasing influenza activity was reported in the U.S. with 21 states reporting *widespread* activity. Wisconsin reported *localized* influenza activity.

Wisconsin Influenza Update

- Influenza activity is increasing. Influenza PCR positivity increased from 13.8% to **21.3%** in Wisconsin.
- 97% of the influenza A viruses characterized were subtype pdm 2009 H1N1.

% Positive for Influenza by PCR (Wisconsin),
Week Ending February 20, 2016



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

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

Other Surveillance Data-Wisconsin

Week Ending February 20, 2016

Resp. Pathogen PCR	# Tested	% Positive
RSV	658	19.3
Human metapneumovirus	476	7.4↑
Coronavirus	249	6.0
Rhinovirus/enterovirus	511	5.7
Adenovirus	325	2.5
Parainfluenza	510	<1.0
<i>B. pertussis</i>	377	1.9

RSV

- Surveillance data showed that RSV activity is near peak levels. 19.3% of PCR tests and 29.9% of rapid tests were positive for RSV in Wisconsin.

Surveillance Graphs

- Surveillance graphs are available on our [website](#).

Week Ending February 20, 2016

GI Pathogen PCR	# Tested	% Positive
Norovirus	111	23.4 ↑
Sapovirus	35	8.6
Campylobacter	111	2.7
STEC	66	1.5
Rotavirus	66	1.5
Cryptosporidium	35	0
Salmonella	111	0
Shigella	76	0
Giardia	35	0
<i>E. coli</i> O157	35	0

Others reported include EPEC and EAEC