

Laboratory Surveillance Report

Influenza (Week ending Feb. 6, 2016)

Surveillance Data Synopsis

- RSV activity is increasing.
- Influenza activity in Wisconsin is increasing.
- Influenza A 2009 pdm H1N1 is the predominate influenza subtype.
- Norovirus activity is increasing.

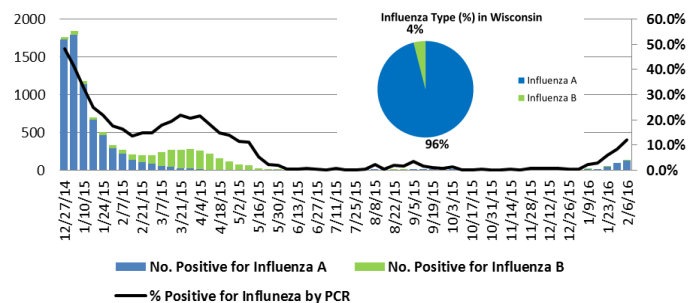
National Influenza Update (CDC)

- Nationally, CDC reported 9.1% of the 17,175 surveillance specimens tested positive for influenza. 73% of the positives reported were influenza A and 27% were influenza B.
- The predominate subtype nationwide was **2009 pdm H1N1** (86%).
- Overall, increasing influenza activity was reported in the U.S. with 7 states reporting *widespread* activity. Wisconsin reported *localized* influenza activity.

Wisconsin Influenza Update

- 12.2% of the 1,082 surveillance specimens tested positive for influenza. Influenza A accounted for 96% of the positives reported from Wisconsin clinical labs.
- No influenza antiviral resistance to the neuraminidase inhibitor drugs has been detected from Wisconsin specimens this season.

% Positive for Influenza by PCR (Wisconsin),
Week Ending February 6, 2016



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 pdm H1 and H3 were performed.

Other Surveillance Data-Wisconsin

Week Ending February 6, 2016

Resp. Pathogen PCR	# Tested	% Positive
RSV	546	20.0 ↑
Rhinovirus/enterovirus	398	6.8
Coronavirus	214	6.1 ↑
Human metapneumovirus	423	4.0
Adenovirus	214	1.9
Parainfluenza	421	1.0
<i>B. pertussis</i>	154	2.6

RSV

- Surveillance data showed that RSV activity is increasing and near peak levels. 20% of PCR tests and 25.1% of rapid tests were positive for RSV in Wisconsin.

Surveillance Graphs

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

Week Ending February 6, 2016

GI Pathogen PCR	# Tested	% Positive
Norovirus	143	19.6 ↑
Sapovirus	30	3.3
Cryptosporidium	30	3.3
STEC	77	2.6
Shigella	97	1.0
Campylobacter	127	<1
Salmonella	127	0
Rotavirus	77	0
Giardia	30	0
<i>E. coli</i> O157	30	0

Others reported include EPEC, EAEC, ETEC.