

Laboratory Surveillance Report

Influenza (Week ending Jan. 23, 2016)

Surveillance Data Synopsis

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

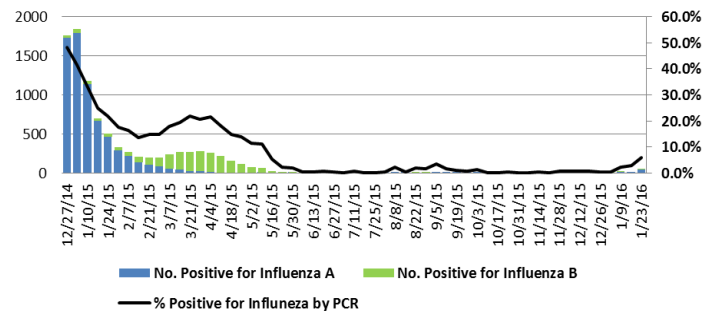
National Influenza Update (CDC)

- Nationally, CDC reported 5.0% of the 13,517 surveillance specimens tested positive for influenza. 81% of the positives reported were influenza A and 19% were influenza B.
- The predominate subtype nationwide was 2009 pdm H1N1 (76%).
- Overall, increasing influenza activity was reported in U.S. states with 4 states reporting widespread activity (CA, MD, MA, and NC). Wisconsin reported sporadic influenza activity.

Wisconsin Influenza Update

- 5.1% of the 740 surveillance specimens tested positive for influenza. Influenza A accounted for 91% of the positives reported by Wisconsin clinical labs performing PCR.
- Of the positive influenza A specimens subtyped, all were **2009 pdm H1N1**.

% Positive for Influenza by PCR (Wisconsin), Week Ending January 23, 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 January 23, 2016

Resp. Pathogen PCR	# Tested	% Positive
RSV	355	13.2↑
Rhinovirus/enterovirus	264	9.1
Coronavirus	170	5.3↑
Human metapneumovirus	303	5.1↑
Adenovirus	170	2.9
Parainfluenza	278	2.2
<i>B. pertussis</i>	146	2.1

RSV

- Surveillance data showed that RSV activity is increasing and near peak levels. 13.2% of PCR tests and 23.1% of rapid tests were positive for RSV in Wisconsin.

Surveillance Graphs

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

Week Ending January 23, 2016

GI Pathogen PCR	# Tested	% Positive
Norovirus	81	9.9
Sapovirus	32	6.3
Cryptosporidium	32	3.1
Campylobacter	145	<1
Shigella	114	<1
Salmonella	145	0
STEC	81	0
Rotavirus	81	0
Giardia	32	0
<i>E. coli</i> O157	32	0

Others reported include *Y. enterocolitica*, EPEC, EAEC, ETEC.