

Laboratory Surveillance Report

Influenza (Week ending May 7, 2016)

Surveillance Data Synopsis

- Overall, influenza activity is decreasing in Wisconsin.
- Influenza B was the predominate influenza virus.
- Rhinovirus/enterovirus is the predominate non-influenza respiratory virus.

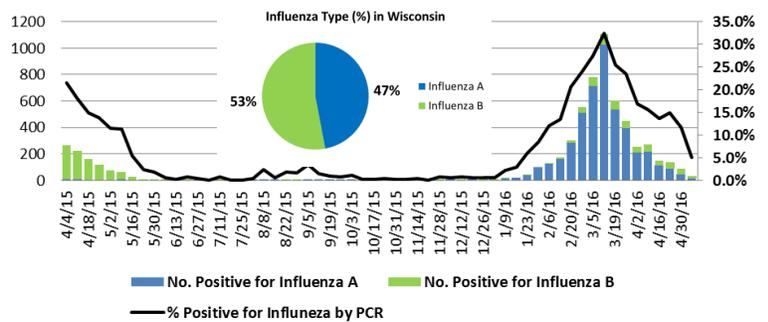
National Influenza Update (CDC)

- Nationally, CDC reported decreasing activity with 8.2% of the 11,153 surveillance specimens testing positive for influenza.
- Influenza B accounted for the majority of influenza cases reported (63%) nationally.
- One novel influenza variant virus (H1N2v) was detected in MN in a hospitalized patient who later fully recovered.

Wisconsin Influenza Update

- Influenza activity is **decreasing**. Influenza PCR positivity decreased to **5%** in Wisconsin.
- **Influenza B** was the predominate influenza virus reported in WI (53%).

% Positive for Influenza by PCR (Wisconsin), Week Ending May 7, 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 May 7, 2016

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/enterovirus	324	12.0
Human metapneumovirus	368	4.9↓
Coronavirus	156	1.3
Adenovirus	156	1.3
RSV	361	<1.0
Parainfluenzavirus	344	<1.0
<i>B. pertussis</i>	179	3.9

Gastropathogens

- Norovirus & STEC were the predominate gastropathogens reported.
- **Please send all Rotavirus** positive specimens to WSLH for further characterization.

Surveillance Graphs

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

Week Ending May 7, 2016

GI Pathogen PCR	# Tested	% Positive
Norovirus	61	4.9
STEC	50	4.0
Shigella	96	3.1
Sapovirus	33	3.0
Campylobacter	129	2.3
Rotavirus	50	2.0
Salmonella	129	0
Cryptosporidium	33	0
Giardia	33	0
<i>E. coli</i> O157	33	0

Others reported include EAEC (3%), EPEC (6.1%) and ETEC (3%).