

Laboratory Surveillance Report

Influenza (Week ending April 16, 2016)

Surveillance Data Synopsis

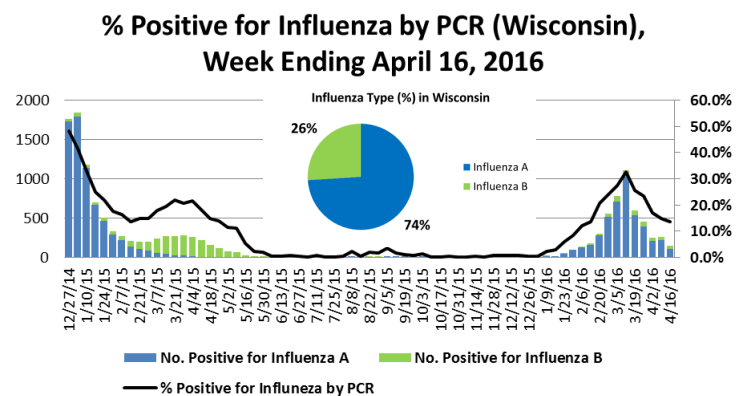
- Overall, influenza activity is decreasing in Wisconsin.
- Influenza B accounted for about one quarter of the positives.
- Rhinovirus/enterovirus is the predominate non-influenza respiratory virus.

National Influenza Update (CDC)

- Nationally, CDC reported decreasing activity with 13.4% of the 16,840 surveillance specimens testing positive for influenza.
- Increasing influenza B activity was noted with 47% of the positives reported nationwide.

Wisconsin Influenza Update

- Influenza activity is **decreasing**. Influenza PCR positivity decreased from 16% to **13.7%** in Wisconsin.
- No influenza antiviral resistance has been detected in Wisconsin surveillance specimens.



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 April 16, 2016

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/enterovirus	411	17.5↑
Human metapneumovirus	427	8.9↓
RSV	491	4.3↓
Adenovirus	212	1.4
Coronavirus	212	<1.0
Parainfluenzavirus	426	0
<i>B. pertussis</i>	164	4.9

Gastropathogens

- Norovirus & astrovirus 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 April 16, 2016

GI Pathogen PCR	# Tested	% Positive
Norovirus	128	9.4
Shigella	105	3.8
Sapovirus	47	2.1
Salmonella	152	1.3
Rotavirus	94	1.1
Campylobacter	152	<1.0
Cryptosporidium	47	0
STEC	94	0
Giardia	47	0
<i>E. coli</i> O157	47	0

Others reported include Astrovirus (11%), EIEC (3%), EAEC (4%), EPEC (2%), ETEC (2%).