

Laboratory Surveillance Report

Influenza (Week ending April 8, 2017)

Surveillance Data Synopsis

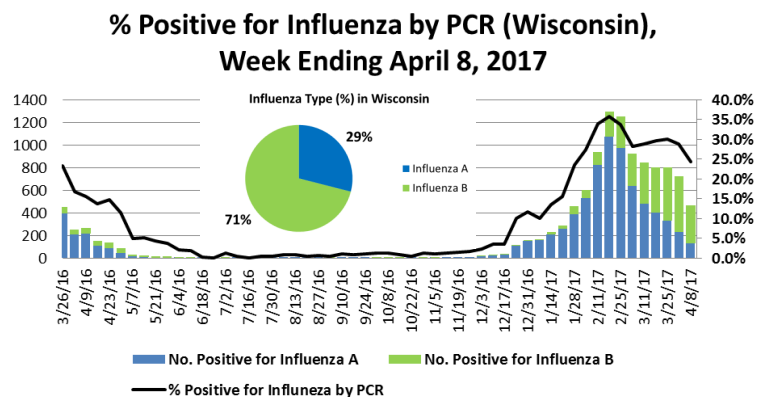
- Overall, influenza activity is decreasing.
- Influenza B was the predominant respiratory virus reported in Wisconsin.
- Norovirus and rotavirus were the predominant gastroenteropathogens.

National Influenza Update (CDC)

- Nationally, the CDC reported that 15.2% of the 20,079 surveillance specimens tested positive for influenza virus (A and B).
- Influenza B was the predominant influenza type reported in the US (67%).

Wisconsin Influenza Update

- Influenza virus was detected in 24.4% of the 1,919 specimens tested in Wisconsin by PCR. Overall, influenza activity is decreasing in Wisconsin.
- Influenza B was the predominant influenza strain reported in Wisconsin (71%) by labs performing PCR testing.



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 pdmH1 and H3 were performed.

Other Surveillance Data-Wisconsin

Week Ending April 8, 2017

Resp. Pathogen PCR	# Tested	% Positive
Influenza	1,919	24.4↓
RSV	748	9.4
Rhinovirus/ Enterovirus	524	7.4
Coronavirus	294	5.8
Human metapneumovirus	646	4.8
Parainfluenza	623	4.0
Adenovirus	294	<1
<i>B. pertussis</i>	236	3.8

Respiratory

- Overall, influenza activity is decreasing, but still remains the predominant respiratory virus reported.
- 3 cases of mumps virus were reported in Wisconsin.

Gastroenteropathogens

- Norovirus and rotavirus and were the predominant gastroenteropathogens reported.
- Weekly surveillance data graphs are available at <http://www.slh.wisc.edu/wcln-surveillance/surveillance/gastroenteropathogen-surveillance/>

Week Ending April 8, 2017

GI Pathogen PCR	# Tested	% Positive
Norovirus	103	16.5
Rotavirus	115	12.2
Campylobacter	215	4.2
STEC	138	2.2
Salmonella	214	1.4
Shigella	214	<1
Sapovirus	11	0
EPEC	11	0
Giardia	11	0
Cryptosporidium	11	0
<i>E. coli</i> O157	11	0