

Laboratory Surveillance Report

Influenza (Week ending May 19, 2018)

Surveillance Data Synopsis

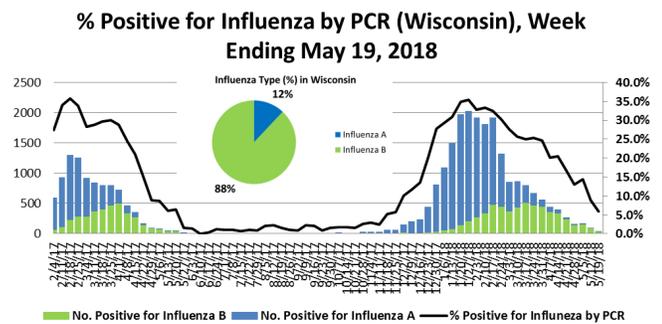
- Overall, influenza activity is decreasing.
- Rhinovirus/ enterovirus activity is increasing and are typically the predominant viruses detected during the summer months.

National Influenza Update (CDC)

- Nationally, the CDC reported that 2.2% of the 8,426 surveillance specimens tested positive for influenza virus (A and B). Overall, activity is decreasing.
- Influenza B remained the predominant influenza virus reported accounting for 54.3% of the positives.
- 37 states reported sporadic influenza activity. Wisconsin was classified as having localized influenza activity along with 7 other states.

Wisconsin Influenza Update

- 5.9% of the influenza specimens tested by PCR were positive. Activity continues to decrease in Wisconsin.
- Influenza B was the predominant influenza virus reported (88%).
- Starting June 1, please send all influenza (A) positive specimens to WSLH for further characterization.



To enhance surveillance activities for influenza viruses, the WSLH asks labs to **please send:**

- NEW** I. Beginning June 1, 2018 **ALL INFLUENZA (A) POSITIVE SPECIMENS to WSLH for further characterization.**

Surveillance Data-Wisconsin

Week Ending May 19, 2018

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/enterovirus	362	12.4↑
Influenza	716	5.9↓
Parainfluenza	374	5.6↑
Human metapneumovirus	390	4.4
RSV	471	1.1↓
Coronavirus	175	<1
Adenovirus	175	0
<i>B. pertussis</i>	178	3.4

Respiratory

- Rhinovirus/ enterovirus was the predominant respiratory pathogen reported.

Gastropathogens

- Rotavirus was the predominant gastropathogen reported.
- Other gastropathogens reported included astrovirus (1.3%) and adenovirus 40/41 (<1%).
- **Please send positive rotavirus specimens to WSLH.**

Week Ending May 19, 2018

GI Pathogen PCR	# Tested	% Positive
Rotavirus	192	8.3
Norovirus	201	6.5
EPEC	151	4.6
Campylobacter	368	2.7
Cryptosporidium	192	1.6
Salmonella	282	1.4
STEC	304	1.3
E. Coli 0157	149	1.3
Sapovirus	151	<1
Shigella	302	<1
Giardia	192	0