

Laboratory Surveillance Report

Surveillance Data Synopsis

- The percentage of specimens testing positive for SARS-CoV-2 increased in Wisconsin.
- Sporadic influenza virus positives were reported in Wisconsin.
- Campylobacter was the most frequently reported gastropathogen.

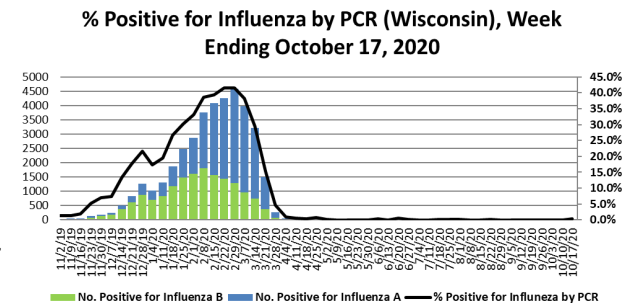
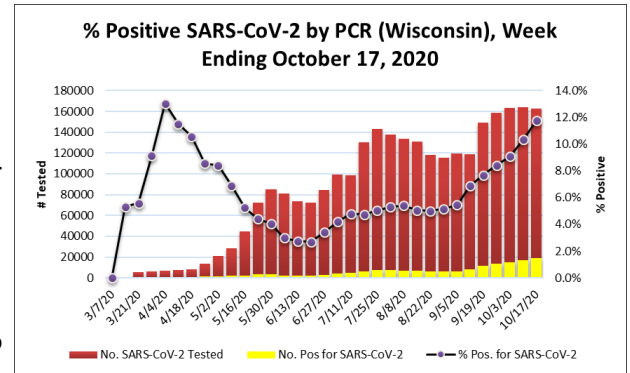
Influenza & SARS-CoV-2 (Week ending October 17, 2020)

SARS-CoV-2 Update

- In Wisconsin, positivity increased to 11.7% of the 162,968 specimens tested by PCR at WSLH & clinical labs voluntarily reporting testing data.
- Nationally, the percentage of specimens testing positive by PCR at clinical, commercial and public health labs increased to 6.3%.
- Nationally, the CDC reported the percent positivity increased in 8 of the 10 HHS regions in the US.

Wisconsin Influenza Update

- 5 influenza positive molecular detections were reported (2 InfA and 3 InfB). Specimens were not available for subtyping.



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

1. Please send **all positive influenza specimens** for further characterization.

Other Surveillance Data-Wisconsin

Week Ending October 17, 2020*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	162,968	11.7 ↑
Rhinovirus/ Enterovirus	854	8.3
Adenovirus	85	3.5
Human metapneumovirus	857	<1
RSV	955	<1
Influenza	1,214	<1
Parainfluenza	842	0
Seasonal corona-	85	0
<i>B. pertussis</i>	110	0

Respiratory

- SARS-CoV-2 and Rhinovirus/enterovirus were the predominant respiratory pathogens reported from WI clinical and public health labs.
- Sporadic influenza detections were reported.

Gastropathogens

- Campylobacter was the predominant gastropathogen reported.
- Others reported: EPEC (11.3%), EAEC (1.6%) and ETEC (<1%). (<1%).

Week Ending October 17, 2020*

GI Pathogen PCR	# Tested	% Positive
Campylobacter	325	2.8
Norovirus	258	2.3
Giardia	186	1.6
Salmonella	325	1.2
Shigella	306	<1
STEC	295	<1
Cryptosporidium	186	0
Rotavirus	211	0
<i>E. coli</i> O157	117	0
Sapovirus	36	0
Cyclospora	33	0

* On a weekly basis, participating Wisconsin clinical laboratories voluntarily report to WSLH the total number of tests performed, the method used for detection, and the number of those tests with positive results.