

Laboratory Surveillance Report

Surveillance Data Synopsis

- The percentage of specimens testing positive for SARS-CoV-2 is increasing in Wisconsin.
- Rhinovirus/enterovirus activity is increasing.
- Campylobacter sp. was the most frequently reported gastropathogen.

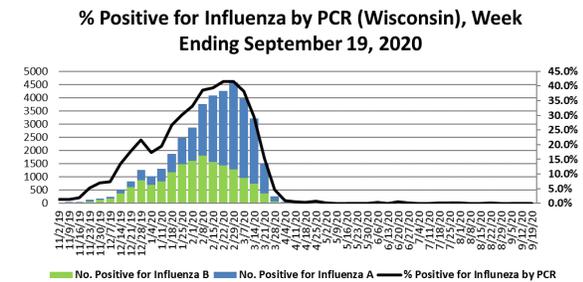
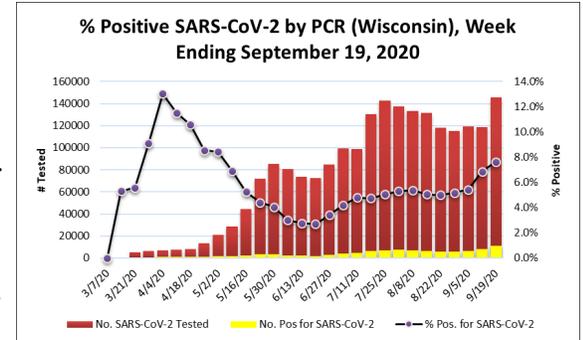
Influenza & SARS-CoV-2 (Week ending September 19, 2020)

SARS-CoV-2 Update

- In Wisconsin, 7.6% of the 145,355 specimens tested positive by PCR at WSLH & clinical labs voluntarily reporting testing data weekly. This is an increase from the previous week (6.9%).
- Nationally, the percentage of specimens testing positive by PCR at clinical, commercial and public health labs decreased to 4.8%.
- The highest percentage of specimens testing positive for SARS-CoV-2 were seen in Regions 6 (South Central, 8.3%) and 7 (Central, 9.0%).

Wisconsin Influenza Update

- No influenza virus PCR detections were reported for the previous 4 weeks.



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 September 19, 2020*

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/ Enterovirus	672	9.5↑
SARS-CoV-2	145,355	7.6↑
Adenovirus	38	2.6
Parainfluenza	682	<1
Seasonal coronaviruses	38	0
Human metapneumovirus	690	0
RSV	736	0
Influenza	791	0
<i>B. pertussis</i>	114	0

Respiratory

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

Gastropathogens

- Campylobacter and salmonella were the predominant gastropathogens reported.
- Others reported: EPEC (11.7%), EAEC (1.2%), ETEC 1.2%), *E. histolytica* (<1%) and *P. shigelloides* (0.5%).

Week Ending September 19, 2020*

GI Pathogen PCR	# Tested	% Positive
Campylobacter	469	4.3
Salmonella	469	2.6
Cryptosporidium	308	1.9
Giardia	308	1.9
STEC	420	<1
Norovirus	333	<1
Shigella	395	0
Sapovirus	173	0
<i>E. coli</i> O157	235	0
Rotavirus	335	0
Cyclospora	151	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.