

Laboratory Surveillance Report

Surveillance Data Synopsis

- The percentage of specimens testing positive for SARS-CoV-2 increased slightly from the previous week.
- Rhinovirus/ enterovirus activity is increasing.
- Campylobacter and cryptosporidium were the most frequently reported gastropathogen.

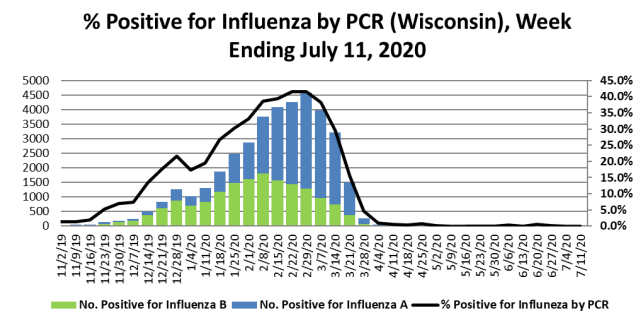
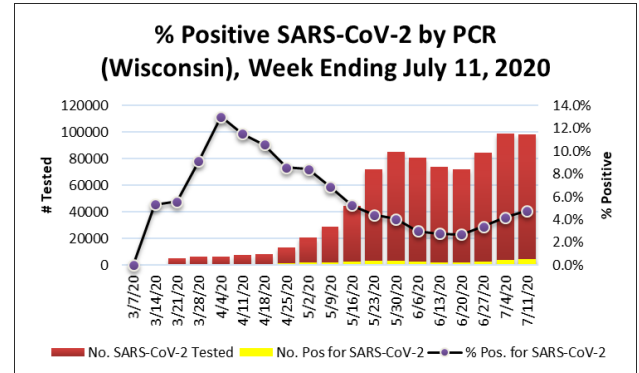
Influenza & SARS-CoV-2 (Week ending July 11, 2020)

SARS-CoV-2 Update

- In Wisconsin, 4.8% of the 98,623 specimens tested positive by PCR at WSLH and clinical labs reporting testing data.
- Nationally, the percentage of specimens testing positive by PCR at clinical, commercial and public health labs was 9.2% (n= 1,650,622).
- The highest percentages of specimens testing positive were seen in Regions 4 (South East, 14.0%), 6 (South Central, 17.1%) and 9 (South West/Coast, 11.2%).

Wisconsin Influenza Update

- No influenza positive PCR tests were reported.



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

1. A sampling of specimens from influenza-related hospitalizations (e.g. no more than 1 per week).
2. Specimens that fail to subtype (Ct <35) if subtyping for 2009 pdmH1 and H3 were performed.

Other Surveillance Data-Wisconsin

Week Ending July 11, 2020

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/ Enterovirus	1,152	8.7↑
SARS-CoV-2	98,623	4.8↑
RSV	1,236	<1
Parainfluenza	1,204	<1
Influenza	1,284	0
Human metapneumovirus	1,218	0
Seasonal coronaviruses	34	0
Adenovirus	26	0
<i>B. pertussis</i>	185	0

Respiratory

- SARS-CoV-2 and Rhinovirus/ enterovirus were the predominant respiratory pathogens reported.

Gastropathogens

- An increase in positive campylobacter and cryptosporidium specimens were reported.
- Other reported included EAEC (3.0%), ETEC (1.0%), EPEC (8.9%), ETEC (1.0%), EIEC (<1%), *P. shigelloides* and (2.1%).

Week Ending July 11, 2020

GI Pathogen PCR	# Tested	% Positive
Campylobacter	484	5.4↑
Cryptosporidium	166	3.6↑
Cyclospora	133	2.3
Norovirus	278	2.2
STEC	408	2.0
Salmonella	493	2.0
Giardia	166	1.2
Shigella	356	<1
Rotavirus	270	<1
Sapovirus	133	0
<i>E. coli</i> O157	133	0