

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.
- Cyclospora was the most frequently reported gastropathogen.

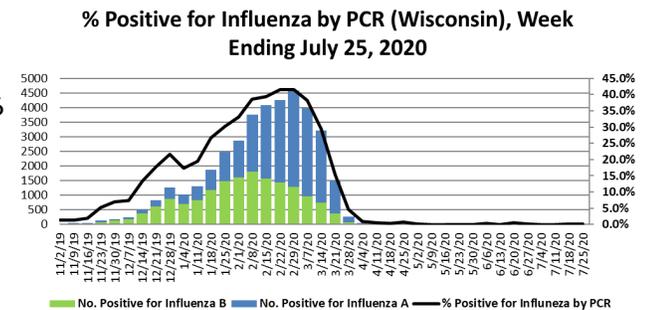
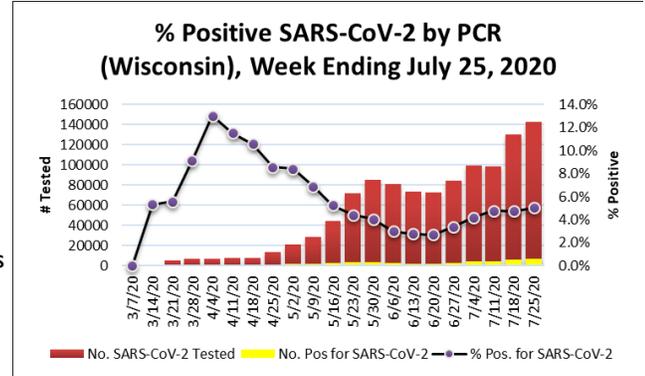
Influenza & SARS-CoV-2 (Week ending July 25, 2020)

SARS-CoV-2 Update

- In Wisconsin, 5.0% of the 142,706 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 8.7% (n= 1,906,631).
- The highest percentages of specimens testing positive for SARS-CoV-2 were seen in Regions 4 (South East, 13.6%), 6 (South Central, 16.5%) and 9 (South West/Coast, 8.9%)

Wisconsin Influenza Update

- One influenza A (H1N1) was reported.



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

1. Through September, all positive influenza specimens for further characterization.

Other Surveillance Data-Wisconsin

Week Ending July 25, 2020

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/ Enterovirus	1,765	9.6↑
SARS-CoV-2	142,706	5.0
RSV	1,819	<1
Parainfluenza	1,791	<1
Influenza	1,835	<1
Human metapneumovirus	1,801	<1
Seasonal corona-	17	0
Adenovirus	17	0
<i>B. pertussis</i>	204	0

Respiratory

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

Gastropathogens

- Cyclospora was the predominant gastropathogen reported.
- Other reported included EPEC (11.6%), EIEC (<1%), *E. histolytica* (<1%) *Vibrio sp.* (<1%) and *P. shigelloides* and (3.6%).

Week Ending July 25, 2020

GI Pathogen PCR	# Tested	% Positive
Cyclospora	149	4.0
Salmonella	518	2.7
Campylobacter	518	2.7
Cryptosporidium	265	2.3
STEC	463	1.3
Norovirus	330	<1
Giardia	268	<1
Shigella	455	0
Rotavirus	325	0
Sapovirus	151	0
<i>E. coli</i> 0157	196	0