

Laboratory Surveillance Report

Surveillance Data Synopsis

- SARS-CoV-2 was the predominant respiratory pathogen reported in Wisconsin.
- The percentage of specimens testing positive for SARS-CoV-2 decreased from the previous week.
- Campylobacter and Cryptosporidium were the most frequently reported gastroenteropathogens.

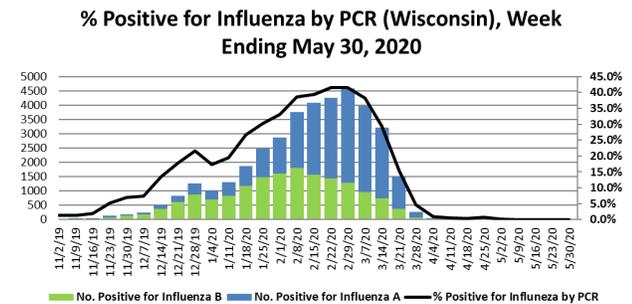
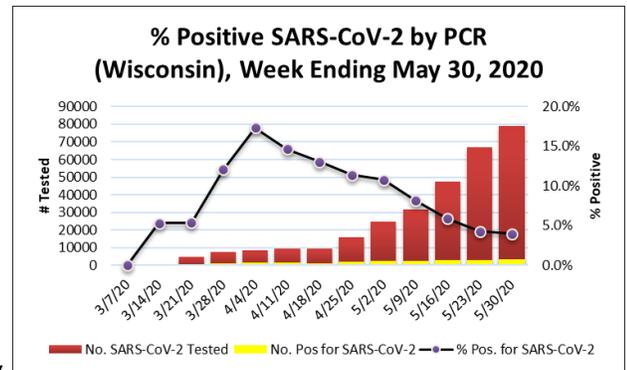
Influenza & SARS-CoV-2 (Week ending May 30, 2020)

SARS-CoV-2 Update

- In Wisconsin, 4.0% of the 79,124 specimens tested positive by PCR at WSLH and clinical labs reporting testing data.
- Nationally, 5.9% of the 1,054,626 specimens tested positive by PCR at clinical, commercial and public health labs.
- Nationally, the percentage of laboratory specimens testing positive for SARS-CoV-2 decreased from the previous week. However, increases were noted in HHS regions 4 (southeast), 6 (south central), 9 (west coast) and 10 (pacific northwest).

Wisconsin Influenza Update

- No influenza positives 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 May 30, 2020

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	79,124	4.0↓
Human metapneumovirus	437	3.4
Rhinovirus/ Enterovirus	388	1.8
RSV	502	<1
Parainfluenza	432	<1
Adenovirus	84	0
Seasonal coronaviruses	84	0
Influenza	529	0
<i>B. pertussis</i>	287	<1

Respiratory

- SARS-CoV-2 was the predominant respiratory pathogen reported.
- The percentage of positive SARS-CoV-2 tests reported decreased. The number of tests reported has been increasing.

Gastroenteropathogens

- Campylobacter and cryptosporidium were the top two gastroenteropathogens reported.
- Other reported included EAEC (1.0%), EPEC (6.7%) and *Y. enterocolitica* (<1%).

Week Ending May 30, 2020

GI Pathogen PCR	# Tested	% Positive
Campylobacter	375	4.0
Cryptosporidium	229	2.2
Norovirus	254	1.6
STEC	302	1.3
Salmonella	375	1.3
Rotavirus	249	<1
Giardia	229	0
Sapovirus	115	0
Shigella	316	0
Cyclospora	105	0
<i>E. coli</i> O157	168	0