

# 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.
- Norovirus and Cryptosporidium were the most frequently reported gastro-pathogens.

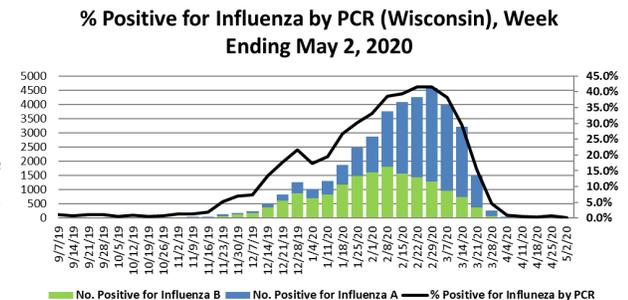
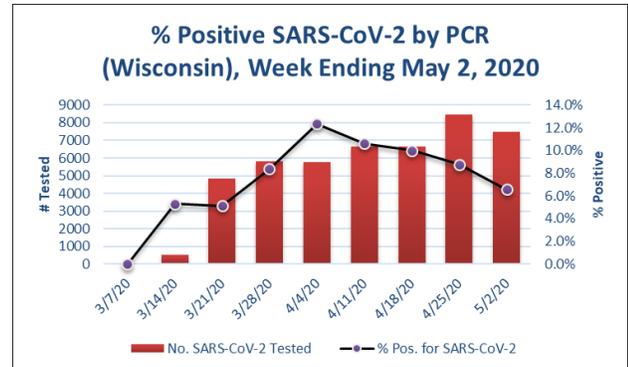
## Influenza & SARS-CoV-2 (Week ending May 2, 2020)

### SARS-CoV-2 Update

- In Wisconsin, 6.6% of the 7,506 specimens tested positive by PCR at WSLH and clinical labs reporting testing data.
- Nationally, 13.1% of the 839,135 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, compared to the previous week.

### Wisconsin Influenza Update

- Wisconsin labs reported a < 1.0% of the 855 specimens tested by PCR were positive for influenza virus (A & B).



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 2, 2020

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	7,506	6.6↓
Rhinovirus/ Enterovirus	442	1.8
Seasonal coronaviruses	78	1.3
RSV	670	<1
Influenza	855	<1
Parainfluenza	495	<1
Human metapneumovirus	498	0
Adenovirus	78	0
<i>B. pertussis</i>	293	0

### Respiratory

- SARS-CoV-2 was the predominant respiratory pathogen reported in Wisconsin.
- The percentage of positive SARS-CoV-2 tests reported have been decreasing.

### Gastropathogens

- Norovirus and Cryptosporidium were the most frequently reported gastropathogens.
- Other gastropathogens reported included *V. cholera* (1.1%), EPEC (1.6%) and *Y. enterocolitica* (<1%).

### Week Ending May 2, 2020

GI Pathogen PCR	# Tested	% Positive
Norovirus	196	4.1
Cryptosporidium	114	2.6
Campylobacter	288	2.1
Salmonella	286	1.4
Rotavirus	179	<1
STEC	225	<1
Giardia	114	0
Sapovirus	102	0
Shigella	240	0
Cyclospora	94	0
<i>E. coli</i> O157	94	0