

# Laboratory Surveillance Report

## Influenza & SARS-CoV-2 (Week ending May 16, 2020)

### Surveillance Data Synopsis

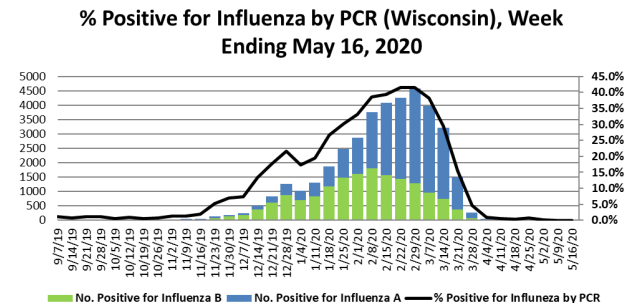
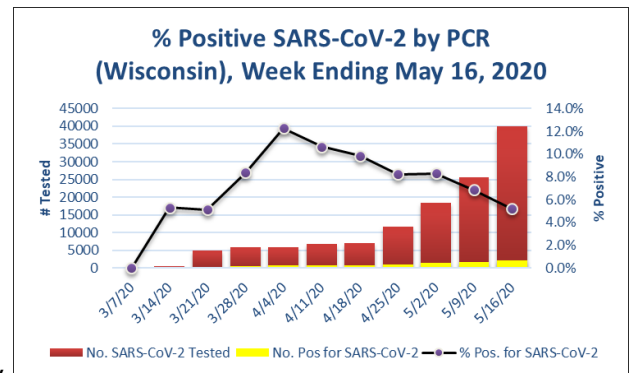
- **SARS-CoV-2 was the predominant respiratory pathogen reported in Wisconsin.**
- **The percentage of specimens testing positive for SARS-CoV-2 decreased from the previous week.**
- **Campylobacter and Norovirus were the most frequently reported gastro pathogens.**

### SARS-CoV-2 Update

- In Wisconsin, 5.2% of the 39,917 specimens tested positive by PCR at WSLH and clinical labs reporting testing data.
- Nationally, 7.9% of the 1,133,420 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.

### Wisconsin Influenza Update

- Wisconsin labs did not report any positive influenza specimens out of the 596 tests performed. This is the second consecutive week without any influenza detections.



### 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 16, 2020

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	39,917	5.2↓
Rhinovirus/ Enterovirus	334	4.2
Seasonal coronaviruses	71	1.4
Adenovirus	71	1.4
RSV	513	<1
Parainfluenza	389	<1
Human metapneumovirus	333	0
Influenza	596	0
<i>B. pertussis</i>	261	<1

### Respiratory

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

### Gastro pathogens

- Campylobacter was the most frequently reported gastro pathogen.
- Other gastro pathogens reported included EAEC (1.0%) and EPEC (4.1%).

### Week Ending May 16, 2020

GI Pathogen PCR	# Tested	% Positive
Campylobacter	416	3.1
Norovirus	269	1.9
Salmonella	416	1.7
STEC	361	1.1
Rotavirus	258	<1
Cryptosporidium	231	<1
Giardia	231	<1
Sapovirus	110	0
Shigella	373	0
Cyclospora	98	0
<i>E. coli</i> O157	185	0