

# 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* sp. was the most frequently reported gastropathogen.

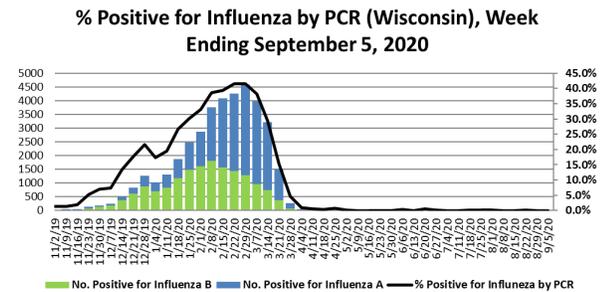
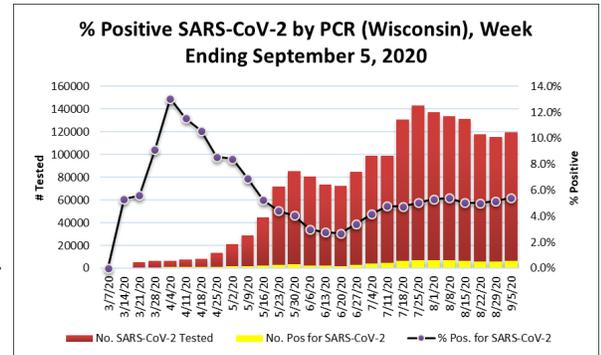
## Influenza & SARS-CoV-2 (Week ending September 5, 2020)

### SARS-CoV-2 Update

- In Wisconsin, 5.4% of the 119,316 specimens tested positive by PCR at WSLH and clinical labs reporting testing data. This is a small increase from the previous week.
- Nationally, the percentage of specimens testing positive by PCR at clinical, commercial and public health labs decreased from 5.5% to 5.1%.
- The highest percentages of specimens testing positive for SARS-CoV-2 were seen in Regions 4 (South East, 8.1%), 6 (South Central, 9.3%), and 7 (Central, 9.5%).

### Wisconsin Influenza Update

- No influenza virus detections were reported.



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

1. Please send **all positive influenza specimens** for further characterization.

## Other Surveillance Data-Wisconsin

### Week Ending September 5, 2020

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/ Enterovirus	865	8.0↑
SARS-CoV-2	119,316	5.4↑
Adenovirus	26	3.8
Seasonal coronaviruses	26	3.8
Parainfluenza	871	<1
Human metapneumovirus	873	0
RSV	866	0
Influenza	933	0
<i>B. pertussis</i>	99	0

### Respiratory

- SARS-CoV-2 and Rhinovirus/enterovirus were the predominant respiratory pathogens reported from Wisconsin clinical and public health labs.

### Gastropathogens

- Campylobacter and cryptosporidium were the predominant gastropathogens reported.
- Others reported included EPEC (7.3%), EAEC (1.3%), ETEC <1% and *P. shigelloides* (1.5%).

### Week Ending September 5, 2020

GI Pathogen PCR	# Tested	% Positive
Campylobacter	559	3.6
Cryptosporidium	319	2.8
Norovirus	376	1.9
Giardia	319	1.9
STEC	444	1.4
Salmonella	559	1.4
Shigella	455	<1
Sapovirus	160	<1
<i>E. coli</i> O157	229	<1
Rotavirus	366	0
Cyclospora	151	0