

Laboratory Surveillance Report

Influenza & SARS-CoV-2 (Week ending June 27, 2020)

Surveillance Data Synopsis

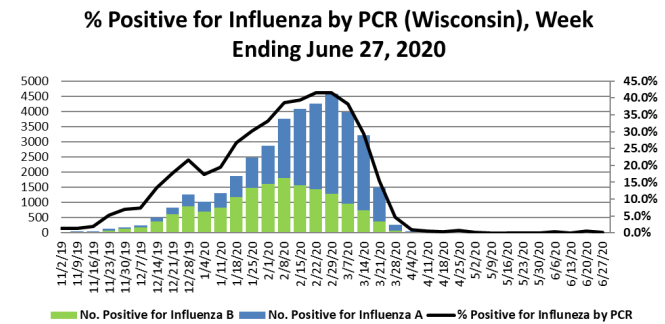
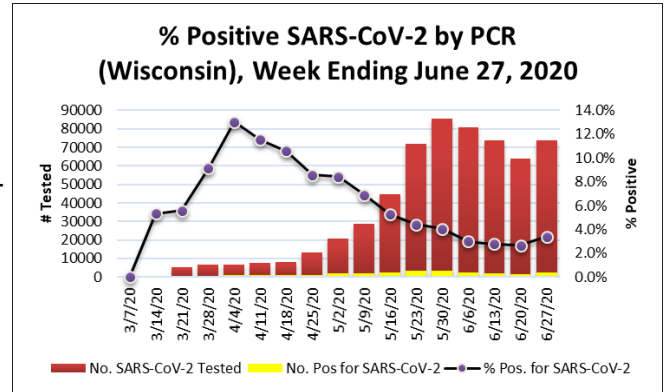
- SARS-CoV-2 was the predominant respiratory pathogen reported in Wisconsin.
- The percentage of specimens testing positive for SARS-CoV-2 increased slightly from the previous week.
- Cyclospora was the most frequently reported gastropathogen.

SARS-CoV-2 Update

- In Wisconsin, 3.4% of the 73,518 specimens tested positive by PCR at WSLH and clinical labs reporting testing data. The percentage of positive tests reported increased from 2.7%.
- Nationally, positivity increased from 8.1% to 8.7% of the 1,873,571 specimens tested by PCR at clinical, commercial and public health labs.
- The highest positivity was Region 6 [South Central US] with >15% of specimens positive for SARS-CoV-2.

Wisconsin Influenza Update

- Two influenza A (H3N2) positive PCR tests 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 June 27, 2020

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	73,518	3.4
Rhinovirus/ Enterovirus	831	2.6
Influenza	970	<1
RSV	925	<1
Parainfluenza	879	<1
Human metapneumovirus	887	0
Seasonal coronaviruses	26	0
Adenovirus	26	0
<i>B. pertussis</i>	326	1.2

Respiratory

- SARS-CoV-2 was the predominant respiratory pathogen reported.

Gastropathogens

- An increase in positive cyclospora specimens was reported.
- Other reported included EAEC (<1%), EPEC (8.9%), ETEC (1.6%), EIEC (<1%), *Vibrio sp.* (<1%) and *Y. enterocolitica* (<1.2%).

Week Ending June 27, 2020

GI Pathogen PCR	# Tested	% Positive
Cyclospora	160	6.3↑
Campylobacter	467	3.0
Cryptosporidium	180	1.7
Salmonella	457	1.1
STEC	372	<1
Norovirus	305	<1
Giardia	183	0
Sapovirus	169	0
Shigella	387	0
Rotavirus	289	0
<i>E. coli</i> O157	160	0