

Laboratory Surveillance Report

Surveillance Data Synopsis

- The percentage of specimens testing positive for SARS-CoV-2 in Wisconsin was 13.9%
- Influenza and RSV activities remain below normal seasonal levels.
- One B.1.1.7 lineage variant of concern has been detected in Wisconsin.

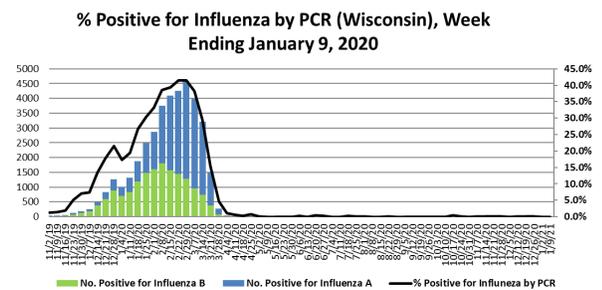
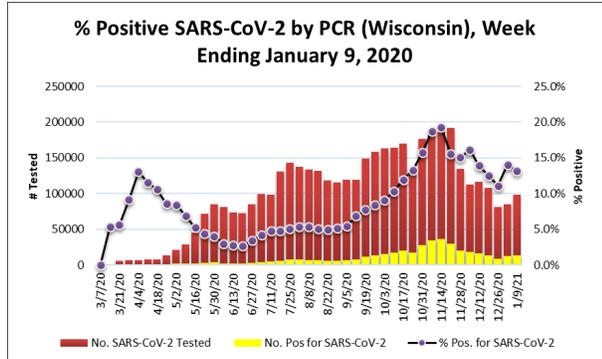
Influenza & SARS-CoV-2 (Week ending January 9, 2021)

SARS-CoV-2 Update

- In Wisconsin, positivity decreased to 13.9% of the 98,608 specimens tested by PCR and reported to WSLH.
- Nationally, the percentage of specimens testing positive by PCR was 14.5%.
- A total of 122 of the B.1.1.7 lineage variant of concern (VOC) have been detected in the US (1 from Wisconsin).

Influenza Update

- Nationally, <1% of specimens tested for influenza were positive by PCR. Influenza B accounted for the majority (79.6%).
- In Wisconsin, no positives were reported. **Please send WSLH all positive influenza specimens for characterization.**



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 January 9, 2021*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	98,608	13.1
Rhinovirus/ Enterovirus	717	5.6
Influenza	5,770	0
Adenovirus	99	0
Parainfluenza	727	0
RSV	1,380	<1
Human metapneumovirus	732	0
Seasonal coronaviruses	99	0
<i>B. pertussis</i>	135	0

Respiratory

- SARS-CoV-2 was the predominant respiratory pathogens reported.
- No influenza virus detections were reported.
- Influenza activity remains below seasonal norms.

Gastropathogens

- Norovirus and Salmonella PCR tests reported had the highest positivity.
- Others reported: EPEC (2.4%) and EAEC (2.4%).

Week Ending January 9, 2021*

GI Pathogen PCR	# Tested	% Positive
Norovirus	287	1.7
Salmonella	380	1.6
Campylobacter	380	1.3
Cryptosporidium	243	<1
STEC	380	<1
Shigella	342	<1
Rotavirus	276	<1
Giardia	243	<1
<i>E. coli</i> O157	182	0
Sapovirus	49	0
Cyclospora	41	0

* On a weekly basis, participating Wisconsin clinical laboratories voluntarily report to WSLH the total number of tests performed, the method used for detection, and the number of those tests with positive results.