

# Laboratory Surveillance Report

## Surveillance Data Synopsis

- The percentage of specimens testing positive for SARS-CoV-2 in decreased to 8.7%
- Influenza and RSV activities remain below normal seasonal levels.
- One influenza A (H3N2v) variant virus was detected in Wisconsin.

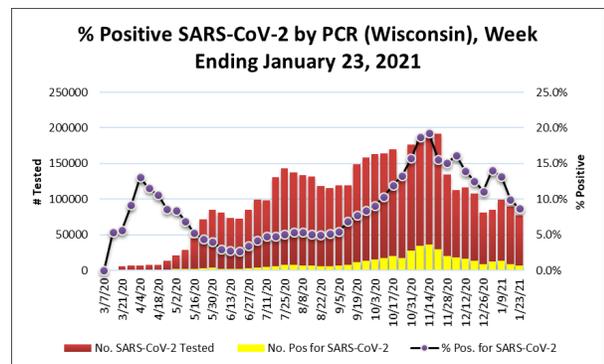
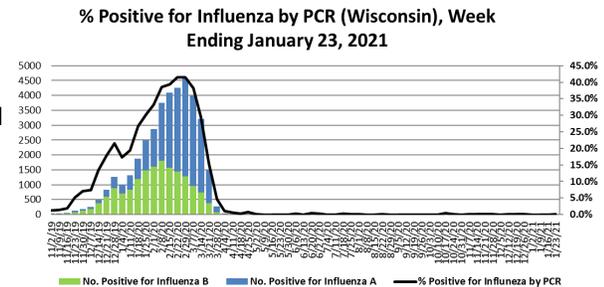
## Influenza & SARS-CoV-2 (Week ending January 23, 2021)

### SARS-CoV-2 Update

- In Wisconsin, positivity decreased to 8.7% of the 77,305 specimens tested by PCR and reported to WSLH.
- Nationally, the percentage of specimens testing positive by PCR decreased from 12% to 11%. Activity decreased in all 10 regions.
- A total of 467 of the B.1.1.7 lineage variant of concern (VOC) have been detected in 35 US states (1 from Wisconsin).

### Influenza Update

- Nationally and in Wisconsin, <1% of specimens tested for influenza were positive by PCR.
- In Wisconsin, one influenza A (H3N2v) variant virus was detected.



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 23, 2021\*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	77,305	8.7
Rhinovirus/ Enterovirus	960	6.7
Adenovirus	134	2.2
Influenza	4,659	<1
Parainfluenza	966	0
RSV	1,620	0
Human metapneumovirus	978	0
Seasonal coronaviruses	134	0
<i>B. pertussis</i>	197	0

### Respiratory

- SARS-CoV-2 was the predominant respiratory pathogens reported.
- Sporadic influenza virus detections were reported.
- Influenza & RSV cases remain below seasonal norms.

### Gastropathogens

- Norovirus and Campylobacter were the predominant gastropathogens detected.
- Others reported: EAEC (2.4%) and ETEC (<1%).

### Week Ending January 23, 2021\*

GI Pathogen PCR	# Tested	% Positive
Norovirus	270	3.0
Campylobacter	388	2.1
Salmonella	388	<1
Cryptosporidium	244	<1
Giardia	244	<1
Shigella	363	<1
Rotavirus	256	<1
STEC	351	0
<i>E. coli</i> O157	159	0
Sapovirus	30	0
Cyclospora	25	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.