

Laboratory Surveillance Report

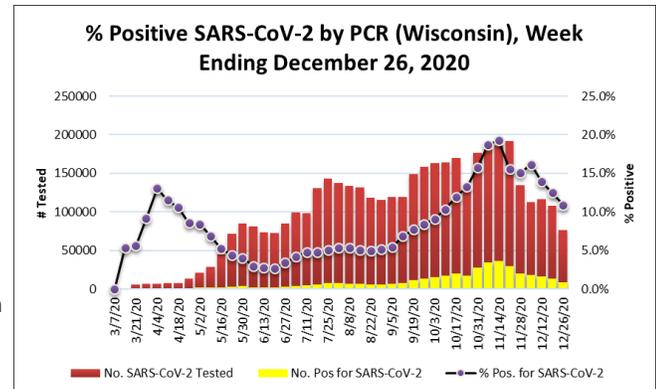
Surveillance Data Synopsis

- The percentage of specimens testing positive for SARS-CoV-2 decreased in Wisconsin for the third consecutive week.
- Influenza and RSV activities are very low and remain below normal seasonal levels.
- No RSV detections by PCR were reported.

Influenza & SARS-CoV-2 (Week ending December 26, 2020)

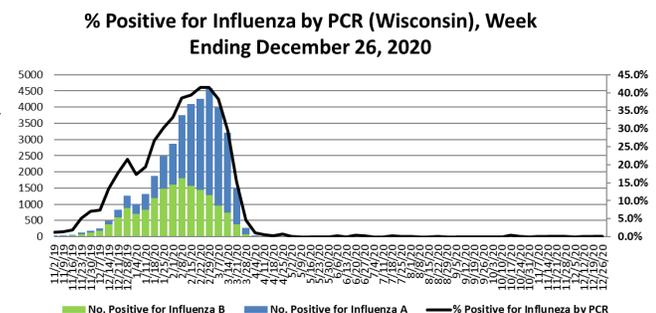
SARS-CoV-2 Update

- In Wisconsin, positivity decreased to 10.9% of the 76,382 specimens tested by PCR and reported to WSLH.
- Nationally, the percentage of specimens testing positive by PCR was 12.1%. This was a small decrease from the previous week (12.9%).



Influenza Update

- Nationally, <1% of specimens tested for influenza were positive by PCR. Influenza B accounted for the majority (65%).
- In Wisconsin, positivity was <1%.
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 December 26, 2020*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	76,382	10.9
Rhinovirus/ Enterovirus	589	4.9
Influenza	4,580	<1
Adenovirus	18	0
Parainfluenza	593	0
RSV	1,127	0
Human metapneumovirus	602	0
Seasonal coronaviruses	18	0
<i>B. pertussis</i>	108	0

Respiratory

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

Gastropathogens

- Sapovirus and Campylobacter PCR tests reported had the highest positivity.
- Others reported: EPEC (5.1%) and *E. histolytica* (<1%).

Week Ending December 26, 2020*

GI Pathogen PCR	# Tested	% Positive
Sapovirus	47	2.1
Campylobacter	223	1.8
Norovirus	198	1.0
Cryptosporidium	191	<1
STEC	228	<1
Shigella	199	0
Salmonella	236	0
Rotavirus	187	0
<i>E. coli</i> O157	171	0
Giardia	47	0
Cyclospora	39	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.