

Laboratory Surveillance Report

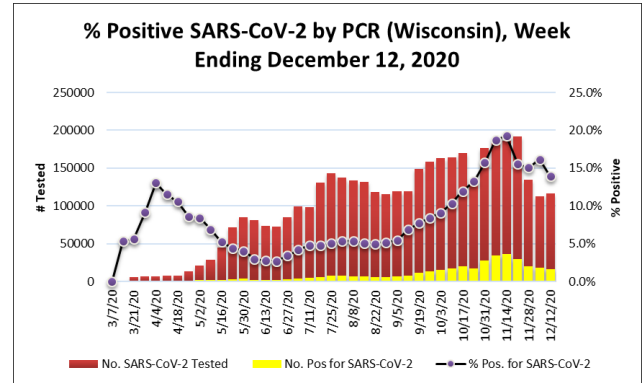
Surveillance Data Synopsis

- The percentage of specimens testing positive for SARS-CoV-2 decreased in Wisconsin.
- Influenza activity is very low with only sporadic detections reported.
- Salmonella was the predominant gastropathogen reported.

Influenza & SARS-CoV-2 (Week ending December 12, 2020)

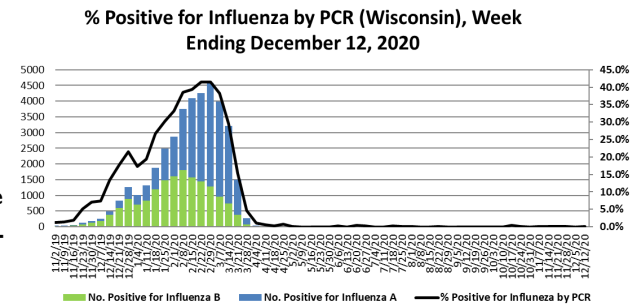
SARS-CoV-2 Update

- In Wisconsin, positivity decreased from 16.2% to 13.9% of the 115,964 specimens tested by PCR and reported to WSLH.
- Nationally, the percentage of specimens testing positive by PCR was 12.2%. This was a decrease from the previous week (13.4%).



Influenza Update

- Nationally, <1% of specimens tested for influenza were positive by PCR. Influenza B (83%) accounted for the majority.
- 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 12, 2020*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	115,964	13.9↓
Rhinovirus/ Enterovirus	672	5.1
Adenovirus	49	2.0
Influenza	6,000	<1
Parainfluenza	684	<1
RSV	1,107	0
Human metapneumovirus	695	0
Seasonal coronaviruses	49	0
<i>B. pertussis</i>	151	0

Respiratory

- SARS-CoV-2 was the predominant respiratory pathogens reported.
- No RSV detections were reported.
- Only sporadic influenza detections were reported.

Gastropathogens

- Salmonella was the predominant gastropathogen reported.
- Others reported: EPEC (6.4%), EAEC (4.5%) and *P. shigelloides* (1.5%).

Week Ending December 12, 2020*

GI Pathogen PCR	# Tested	% Positive
Salmonella	362	2.2
Campylobacter	343	2.0
Giardia	210	1.4
Cryptosporidium	210	1.0
STEC	324	<1
Shigella	321	<1
Norovirus	297	<1
Rotavirus	287	0
<i>E. coli</i> O157	195	0
Sapovirus	47	0
Cyclospora	47	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.