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November 24, 2020

Laboratory Surveillance Report

Surveillance Data Synopsis

- **The percentage of specimens testing positive for SARS-CoV-2 *increased* in Wisconsin.**
- **Rhinovirus/ enterovirus activity is decreasing.**
- **Norovirus was the most frequently reported gastropathogen.**

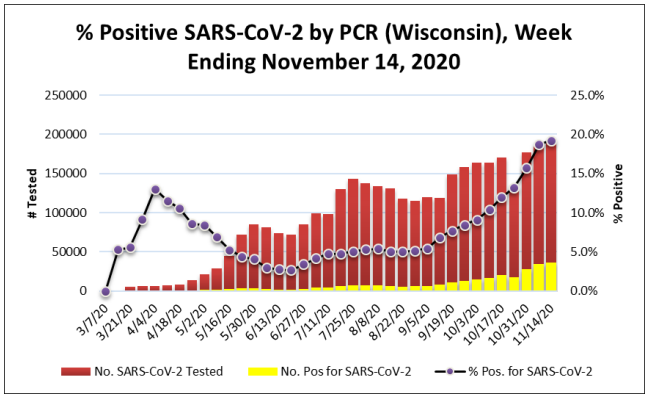
Influenza & SARS-CoV-2 (Week ending November 14, 2020)

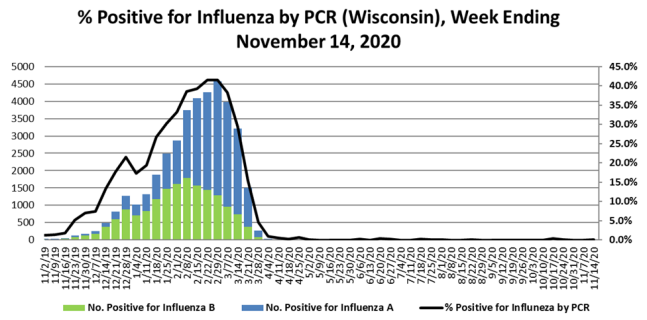
SARS-CoV-2 Update

- In Wisconsin, positivity *increased to 19.2%* of the 189,764 specimens tested by PCR.
- Nationally, the percentage of specimens testing positive by PCR *increased to 11.9%.*
- The CDC reported the percent positivity was highest in Central (23.5%) and Mountain (18.2%) regions.

Influenza Update

- Nationally, <1% of specimens tested for influenza were positive by PCR.
- In Wisconsin, positivity was <1%. No influenza detections have been confirmed at WSLH this season.





To enhance surveillance activities for influenza viruses, the WSLH asks labs to <u>please send</u>:

1. Please send **all positive influenza specimens** for further characterization.

Other Surveillance Data-Wisconsin

Week Ending November 14, 2020*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	189,764	19.2↑
Rhinovirus/ Enterovirus	846	6.0 ↓
Influenza	6,823	<1
RSV	1,073	0
Human metapneumovirus	910	0
Adenovirus	40	0
Parainfluenza	902	0
Seasonal coronaviruses	40	0
B. pertussis	226	<1

Respiratory

- SARS-CoV-2 was the predominant respiratory pathogens reported.
- Rhinovirus/enterovirus activity is decreasing.
- Only sporadic influenza detections were reported (2 were suspected LAIV).

Gastropathogens

- Norovirus was the predominant gastropathogen reported.
- Others reported: EPEC (6.7%).

Week Ending November 14, 2020*

GI Pathogen PCR	# Tested	% Positive
Norovirus	238	1.7
Campylobacter	292	1.4
Salmonella	292	<1
STEC	237	<1
Shigella	248	<1
Rotavirus	199	<1
Giardia	208	0
Cryptosporidium	208	0
E. coli 0157	151	0
Sapovirus	53	0
Cyclospora	45	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.*