

Laboratory Surveillance Report

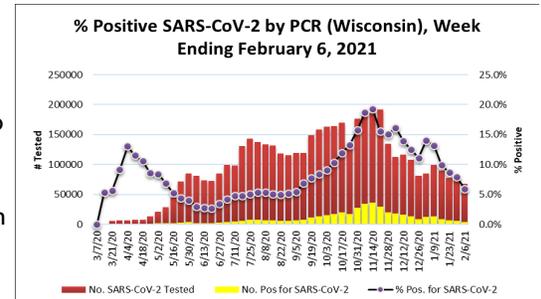
Surveillance Data Synopsis

- The percentage of specimens testing positive for SARS-CoV-2 has decreased to 5.9%
- Influenza and RSV activities remain below normal seasonal levels.
- SARS-CoV-2 seroprevalence in Wisconsin was estimated at 24% through December 2020.

Influenza & SARS-CoV-2 (Week ending February 6, 2021)

SARS-CoV-2 Update

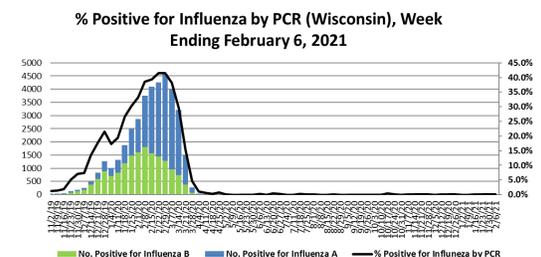
- In Wisconsin, positivity decreased to 5.9% of the 68,061 specimens tested by PCR and reported to WSLH.
- Seroprevalence data from CDC showed WI at an estimated 24% through December 2020.
- Genomic sequencing surveillance data showed a total of five B.1.1.7 variants were detected in Wisconsin as of February 15, 2021.



SARS-CoV-2		Variant Lineage		
# Sequenced (WI)	# Sequenced (WSLH)	B.1.1.7	B.1.1.35	P.1
6,145	1,973	5	0	0

Influenza Update

- Nationally and in Wisconsin, <1% of specimens tested for influenza were positive by PCR.



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 February 6, 2021*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	68,061	5.9
Rhinovirus/ Enterovirus	770	6.5
Adenovirus	91	2.2
Influenza	3,877	<1
RSV	1,506	<1
Parainfluenza	764	0
Human metapneumovirus	778	0
Seasonal coronaviruses	91	0
<i>B. pertussis</i>	299	<1

Respiratory

- Sporadic influenza virus detections were reported.
- Influenza & RSV cases remain below seasonal norms.

Gastropathogens

- Campylobacter and Norovirus were the predominant gastropathogens detected.
- Others reported: EPEC (11.1%).

Week Ending February 6, 2021*

GI Pathogen PCR	# Tested	% Positive
Campylobacter	354	2.5
Norovirus	244	2.0
STEC	277	<1
Salmonella	354	<1
Giardia	209	<1
Shigella	351	0
Rotavirus	223	0
Cryptosporidium	209	0
<i>E. coli</i> O157	127	0
Sapovirus	15	0
Cyclospora	9	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.