

Laboratory Surveillance Report

Influenza & SARS-CoV-2 (Week ending February 20, 2021)

Surveillance Data Synopsis

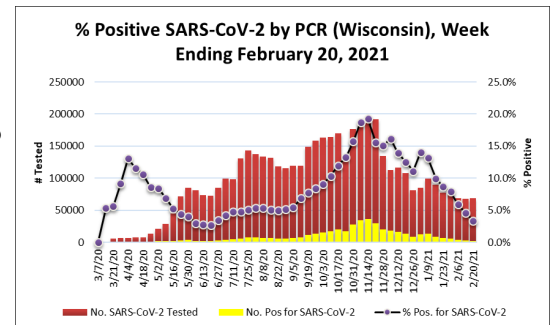
- The percentage of specimens testing positive for SARS-CoV-2 has decreased to 3.4%.
- Sporadic influenza detections were reported.
- Influenza and RSV activities remain below normal seasonal levels.

SARS-CoV-2 Update

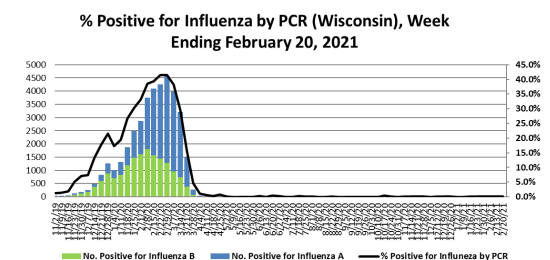
- In Wisconsin, positivity decreased to 3.4% of the 69,190 specimens tested by PCR and reported to WSLH.
- Genomic sequencing surveillance data showed a total of six B.1.1.7 variants have been detected in Wisconsin.
- Nationally, The 7-day average of percent positivity from RT-PCR tests is now 5.2%. Three states or territories remain >10% positivity or higher.

Influenza Update

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



SARS-CoV-2		Variant Lineage		
# Sequenced (WI)	# Sequenced (WSLH)	B.1.1.7	B.1.1.35	P.1
6,339	2,140	6	0	0



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 20, 2021*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	69,190	3.4
Rhinovirus/ Enterovirus	661	8.6
Seasonal coronaviruses	103	1.9
Influenza	4,987	<1
RSV	1,440	0
Parainfluenza	666	0
Human metapneumovirus	673	0
Adenovirus	103	0
<i>B. pertussis</i>	230	<1

Respiratory

- Sporadic influenza virus detections were reported.
- Influenza & RSV cases remain below seasonal norms.
- After SARS-CoV-2, Rhinovirus/ enterovirus detections were reported most frequently.

Gastropathogens

- Norovirus and rotavirus were the predominant gastropathogens detected.
- Others reported: ETEC (<1%) & astrovirus (3.7%).

Week Ending February 20, 2021*

GI Pathogen PCR	# Tested	% Positive
Norovirus	235	4.7
Rotavirus	220	1.4
Giardia	187	1.1
Salmonella	355	<1
Campylobacter	355	<1
Shigella	350	<1
STEC	291	<1
Cryptosporidium	187	0
E. coli O157	125	0
Sapovirus	27	0
Cyclospora	17	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.