

Laboratory Surveillance Report

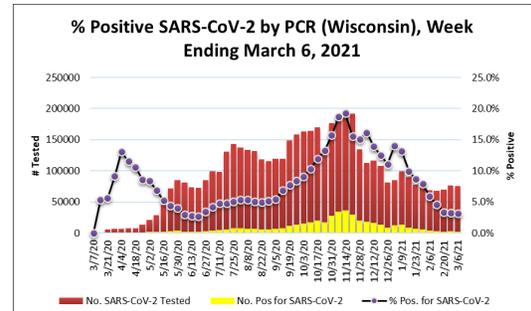
Surveillance Data Synopsis

- The percentage of specimens testing positive for SARS-CoV-2 has decreased to 3.2%.
- One B.1.135 variant of concern was detected in WI.
- Sporadic influenza detections were reported.
- Influenza activity remains below normal seasonal levels.

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

SARS-CoV-2 Update

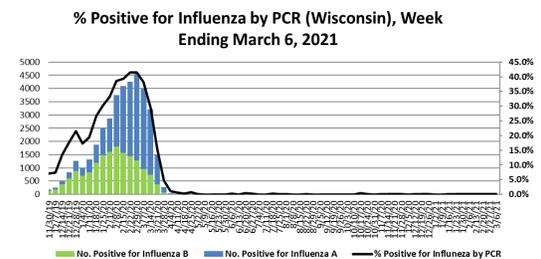
- In Wisconsin, positivity decreased to 3.2% of the 75,339 specimens tested by PCR and reported to WSLH.
- Genomic sequencing surveillance data showed 31 B.1.1.7 and one B.1.135 variants have been detected in Wisconsin through March 11.
- Nationally, the 7-day average of percent positivity from RT-PCR tests decreased to 4.1% as of March 12.



SARS-CoV-2 3/11/21 # Sequenced (WI)	Variant Lineage		
	B.1.1.7	B.1.135	P.1
7,306	31	1	0

Influenza Update

- <1% of specimens tested for influenza were positive by PCR in Wisconsin.
- The composition of the 2021–2022 U.S. influenza vaccines includes updates to the influenza A (H1N1)pdm09 and influenza A(H3N2) viruses.



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 March 6, 2021*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	75,339	3.2
Rhinovirus/ Enterovirus	821	6.2
Seasonal coronaviruses	85	2.4
Influenza	6,329	<1
RSV	2,128	<1
Parainfluenza	828	0
Human metapneumovirus	842	0
Adenovirus	85	0
<i>B. pertussis</i>	175	1.1

Respiratory

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

Gastropathogens

- Campylobacter & Norovirus were the predominant gastropathogens detected.

Week Ending March 6, 2021*

GI Pathogen PCR	# Tested	% Positive
Campylobacter	283	3.9
Norovirus	152	3.3
Rotavirus	133	2.3
Salmonella	283	1.1
Giardia	37	0
Shigella	271	0
STEC	175	0
Cryptosporidium	37	0
<i>E. coli</i> 0157	20	0
Sapovirus	29	0
Cyclospora	20	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.