

Laboratory Surveillance Report

Surveillance Data Synopsis

- The percentage of specimens testing positive for SARS-CoV-2 decreased to 2.3%.
- The B.1.1.7 SARS-CoV-2 variant of concern (VOC) was the predominant lineage detected.
- Norovirus was the predominant gastropathogen reported.

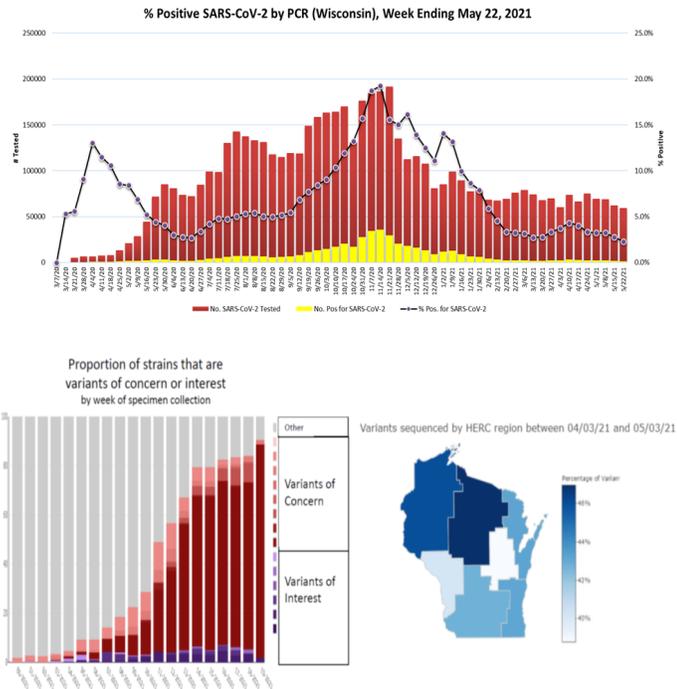
Influenza & SARS-CoV-2 Surveillance Updates

SARS-CoV-2 Update

- In Wisconsin, positivity decreased to 2.3% of the 59,177 specimens tested by PCR and reported to WSLH.
- Wisconsin genomic sequencing data showed B.1.1.7 variant of concern accounted for the majority of lineages detected. Sequencing dashboard is available at <https://dataportal.slh.wisc.edu/sc2dashboard>
- In the US, percent positivity dropped to 2.9%.

Influenza Update (Wisconsin)

- There were no reports of specimens testing 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 May 22, 2021*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	59,177	2.3 ↓
Rhinovirus/ Enterovirus	837	13.6 ↑
Seasonal Coronavirus	125	2.4
Parainfluenza	838	2.0
Adenovirus	125	<1
RSV	1,504	<1
Human metapneumovirus	841	0
Influenza	2,881	0
<i>B. pertussis</i>	141	0

Respiratory

- The percentage of specimens testing positive for SARS-CoV-2 continues to decrease.
- There has been an increase in Rhinovirus/ Enterovirus activity.

Gastropathogens

- Norovirus was the predominant gastropathogen reported.
- Others detected included: EPEC (<1%), ETEC (<1%), EAEC (1.7%), Astrovirus (<1%) and *Y. enterocolitica*.

Week Ending May 22, 2021*

GI Pathogen PCR	# Tested	% Positive
Norovirus	263	6.8
Rotavirus	253	2.4
Sapovirus	137	2.2
Salmonella	439	1.8
Campylobacter	439	1.6
STEC	368	1.6
Cryptosporidium	148	1.4
Giardia	148	<1
Shigella	337	0
Cyclospora	121	0
<i>E. coli</i> O157	159	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.