

# Laboratory Surveillance Report

## Surveillance Data Synopsis

- The percentage of specimens testing positive for SARS-CoV-2 decreased to 3.1%.
- The B.1.1.7 SARS-CoV-2 variant of concern (VOC) was the predominant lineage detected.
- Norovirus was the predominant gastroenteric pathogen reported.

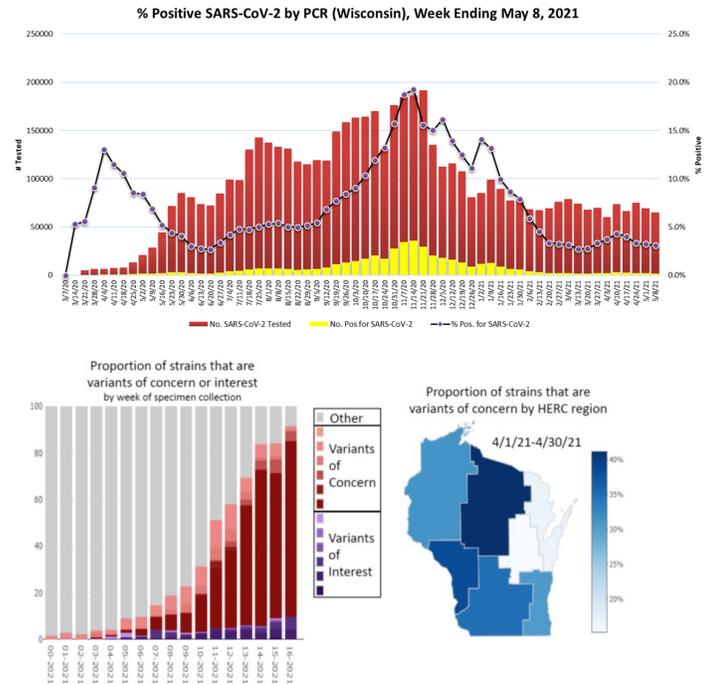
## Influenza & SARS-CoV-2 Surveillance Updates

### SARS-CoV-2 Update

- In Wisconsin, positivity decreased to 3.1% of the 64,961 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.
- In the US, percent positivity dropped to 3.4% of those tested by PCR (7-day average).

### Influenza Update (Wisconsin)

- There were no reports of specimens testing positive for Influenza 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 8, 2021\*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	64,961	3.1 ↓
Rhinovirus/ Enterovirus	882	9.2
Seasonal Coronavirus	92	6.5
Adenovirus	92	1.1
Parainfluenza	881	1.0
Human metapneumovirus	889	<1
RSV	1,932	<1
Influenza	3,721	0
<i>B. pertussis</i>	119	0

### Respiratory

- SARS-CoV-2 percent positivity continues to decrease.

### Gastroenteric

- Norovirus was the predominant gastroenteric pathogen reported.
- Others detected included: EPEC (<1%), ETEC (<1%) and *Y. enterocolitica* (<1%).

Week Ending May 8, 2021\*

GI Pathogen PCR	# Tested	% Positive
Norovirus	268	7.8
Sapovirus	148	3.4
Salmonella	434	2.8
Campylobacter	434	2.1
Shigella	373	<1
STEC	361	1.4
Cryptosporidium	148	<1
Giardia	148	<1
Rotavirus	253	0
Cyclospora	131	0
<i>E. coli</i> O157	131	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.