

# Laboratory Surveillance Report

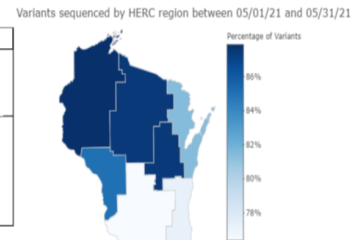
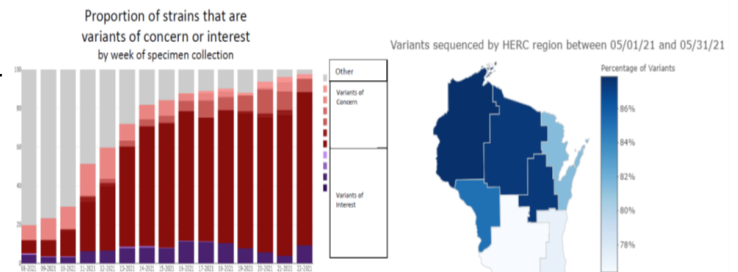
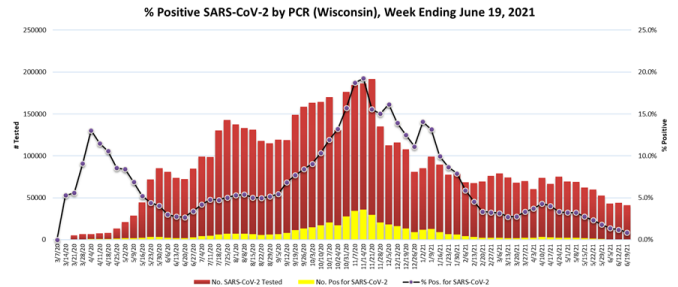
## Surveillance Data Synopsis

- The percentage of specimens testing positive for SARS-CoV-2 decreased to <1%.
- The Alpha [B.1.1.7] SARS-CoV-2 variant of concern (VOC) was the predominant lineage detected.
- There has been an increase in RSV and Parainfluenza detections in Wisconsin.

## Influenza & SARS-CoV-2 Surveillance Updates

### SARS-CoV-2 Update

- In Wisconsin, positivity decreased to <1% of the 41,218 specimens tested by PCR and reported to WSLH.
- In the US, 7 day average percent positivity dropped to 1.7%.
- Wisconsin genomic sequencing data showed Alpha [B.1.1.7] variant of concern was the predominant lineage detected.
- Nationally, Alpha [B.1.1.7] was the predominant lineage followed by Gamma [P.1] and Delta [B.1.617.2].
- Sequencing dashboard is available at <https://dataportal.slh.wisc.edu/sc2dashboard>



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 June 19, 2021\*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	41,218	<1 ↓
Rhinovirus/ Enterovirus	644	13.2
Parainfluenza	659	10.6 ↑
Seasonal coronaviruses	120	3.3
RSV	1,081	1.7 ↑
Adenovirus	120	<1
Influenza	2,263	<1
Human metapneumovirus	653	<1
<i>B. pertussis</i>	178	0

### Respiratory

- The percentage of specimens testing positive for SARS-CoV-2 continues to decrease.
- There has been an increase in Parainfluenza and RSV detections reported.

### Gastropathogens

- Increases in detections were noted for Campylobacter and Cryptosporidium.
- Others detected included: EPEC (8.1%) and Astrovirus (1.6%).

Week Ending June 19, 2021\*

GI Pathogen PCR	# Tested	% Positive
Norovirus	301	6.0
Campylobacter	450	4.2 ↑
Cryptosporidium	155	3.2 ↑
Salmonella	450	3.1
STEC	382	1.8
Sapovirus	124	1.6
Rotavirus	253	1.2
Cyclospora	136	<1
Shigella	397	<1
Giardia	123	0
<i>E. coli</i> 0157	104	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.