

Laboratory Surveillance Report

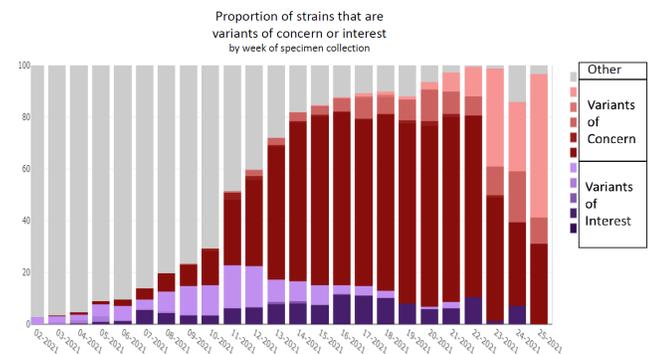
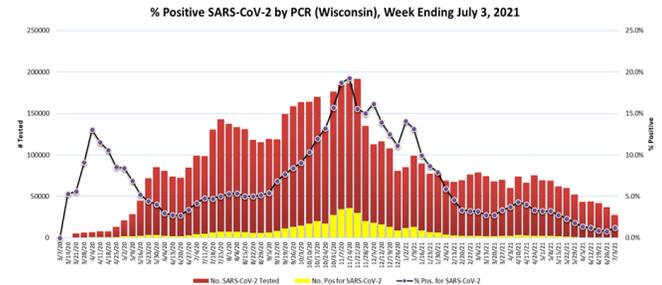
Surveillance Data Synopsis

- Parainfluenza activity has increased in Wisconsin.
- The Delta [B.1.617.2] SARS-CoV-2 variant of concern (VOC) is now the predominant lineage detected.
- There was an increase in the number of Cyclospora detections reported.

SARS-CoV-2 Surveillance Updates

SARS-CoV-2 Update

- In Wisconsin, positivity was 1.2% of the 27,669 specimens tested by PCR and reported to WSLH.
- In the US, 7 day average percent positivity increased to 3.6%.
- Wisconsin genomic sequencing data showed the Delta [B.1.617.2] variant of concern was the predominant lineage detected.
- The WSLH sequencing dashboard is available at <https://dataportal.slh.wisc.edu/sc2dashboard>



To enhance surveillance activities, the WSLH asks labs to please send:

1. Please send all positive influenza specimens for further characterization.
2. Please send all positive SARS-CoV-2 specimens with Ct <30 or Panther RLU >700 for genomic sequencing.

Other Surveillance Data-Wisconsin

Week Ending July 3, 2021*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	27,669	1.2
Parainfluenza	683	13.5 ↑
Rhinovirus/ Enterovirus	671	12.8
Seasonal coronaviruses	147	2.0
RSV	1,099	1.5
Adenovirus	147	<1
Influenza	1,555	<1
Human metapneumovirus	688	0
<i>B. pertussis</i>	144	<1

Respiratory

- There has been an increase in Parainfluenza detections reported in Wisconsin.

Gastropathogens

- Cyclospora was the predominant gastropathogen reported.
- Others detected included: EPEC (9.4%), EAEC (1.9%), ETEC (1.4%), *P. shigelloides* and (.1%) and Astrovirus (2.3%).

Week Ending July 3, 2021*

GI Pathogen PCR	# Tested	% Positive
Cyclospora	160	5.6 ↑
Norovirus	409	3.4
Campylobacter	622	3.1
Salmonella	622	2.9
Cryptosporidium	428	1.4
STEC	388	1.5
Sapovirus	174	<1
Rotavirus	399	<1
Giardia	428	<1
Shigella	551	0
<i>E. coli</i> O157	311	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.