

Laboratory Surveillance Report

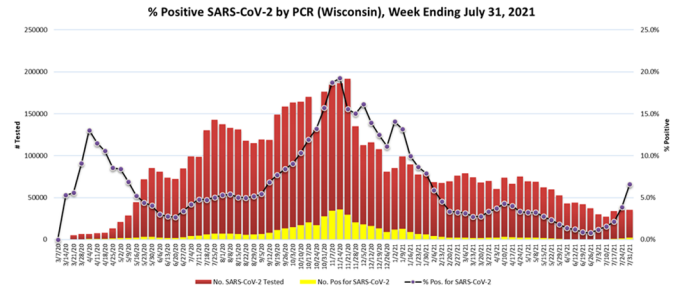
SARS-CoV-2 Surveillance Updates

Surveillance Data Synopsis

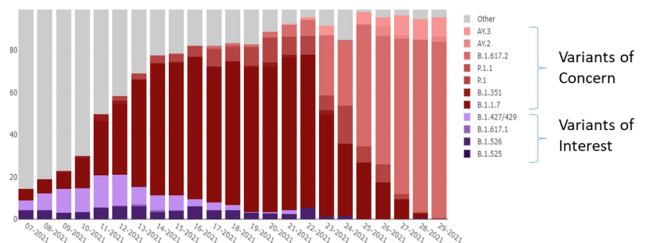
- RSV activity has increased in Wisconsin.
- SARS-CoV-2 activity continues to increase in Wisconsin.
- The Delta [B.1.617.2] SARS-CoV-2 variant of concern is by far the most common lineage detected.

SARS-CoV-2 Update

- In Wisconsin, positivity was 6.6% of the 35,538 specimens tested by PCR and reported to WSLH.
- In the US, 7 day average percent positivity increased to 9.5%.
- Wisconsin genomic sequencing data showed the Delta [B.1.617.2] variant of concern was by far the predominant lineage detected.
- The WSLH sequencing dashboard is available at <https://dataportal.slh.wisc.edu/sc2dashboard>



Proportion of strains that are variants of concern or interest by week of specimen collection



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

1. Please send **all positive** influenza specimens for further characterization.
2. Please send **a maximum of 10** SARS-CoV-2 specimens per week.

Other Surveillance Data-Wisconsin

Week Ending July 31, 2021*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	35538	6.6↑
Parainfluenza	823	11.1↓
Rhinovirus/ Enterovirus	776	13.5
RSV	1602	8.8↑
Seasonal coronaviruses	72	2.8
Adenovirus	72	1.4
Influenza	2078	<1
Human metapneumovirus	825	0
<i>B. pertussis</i>	272	0

Respiratory

- There continues to be an increase in SARS-CoV-2 detections reported in Wisconsin.

Gastropathogens

- *Campylobacter* and *Cyclospora* were the predominant gastropathogens reported.
- Others detected included: EPEC (14.9%), EAEC (3.1%), ETEC (1.3%), *Aeromonas* (1.2%) and *P. shigelloides* (<1%).

Week Ending July 31, 2021*

GI Pathogen PCR	# Tested	% Positive
<i>Campylobacter</i>	717	3.3
<i>Cyclospora</i>	161	3.1
Norovirus	495	3
<i>Salmonella</i>	717	2
STEC	639	2
Rotavirus	487	1.2
<i>Cryptosporidium</i>	468	1.1
<i>Giardia</i>	468	<1
<i>Shigella</i>	626	<1
Sapovirus	173	0
<i>E. coli</i> O157	321	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.