

Laboratory Surveillance Report

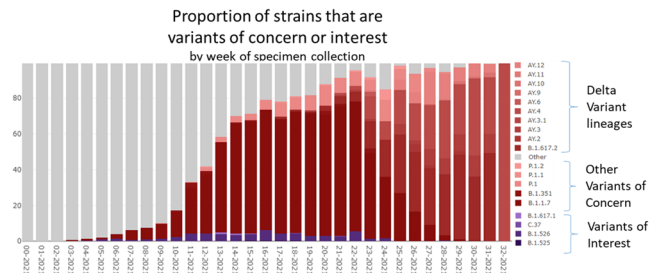
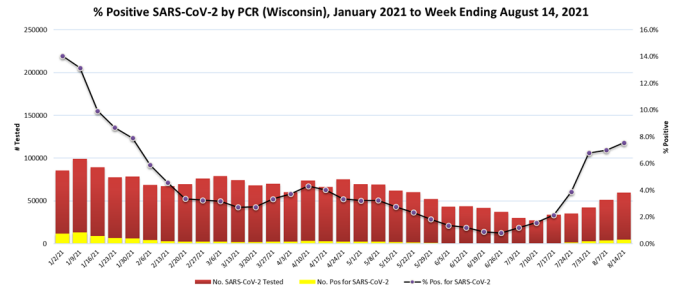
SARS-CoV-2 Surveillance Updates

Surveillance Data Synopsis

- RSV is still increasing in Wisconsin.
- SARS-CoV-2 activity remains high in Wisconsin.
- The Delta SARS-CoV-2 variant of concern is by far the most common lineage detected.

SARS-CoV-2 Update

- In Wisconsin, positivity was 7.6% of the 59,894 specimens tested by PCR and reported to WSLH.
- In the US, the 7 day average percent positivity is 9.7%.
- Wisconsin genomic sequencing data showed the Delta [B.1.617.2 and its sublineages] variant of concern was by far 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 **a maximum of 10** SARS-CoV-2 specimens per week.

Other Surveillance Data-Wisconsin

Week Ending August 14, 2021*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	59894	7.6
Rhinovirus/Enterovirus	821	15.3
RSV	1961	11.5↑
Parainfluenza	835	5.4↓
Adenovirus	174	2.3
Seasonal coronaviruses	174	1.1
Human metapneumovirus	823	<1
Influenza	4043	0
<i>B. pertussis</i>	206	0

Respiratory

- There continues to be high SARS-CoV-2 activity in Wisconsin.

Gastropathogens

- *Campylobacter* was the predominant gastropathogen reported.
- Others detected included: EPEC (12%), EAEC (2.4%), ETEC (0.5%), *P. shigelloides* (<1%) and Astrovirus (2.2%).

Week Ending August 14, 2021*

GI Pathogen PCR	# Tested	% Positive
<i>Campylobacter</i>	646	3.3
<i>Salmonella</i>	646	2.8
<i>Cryptosporidium</i>	435	2.3
Norovirus	437	2.1
STEC	528	1.3
<i>Cyclospora</i>	167	1.2↓
<i>Giardia</i>	425	1.2
Rotavirus	425	<1
<i>Shigella</i>	575	<1
Sapovirus	185	<1
<i>E. coli</i> O157	326	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.