

Laboratory Surveillance Report

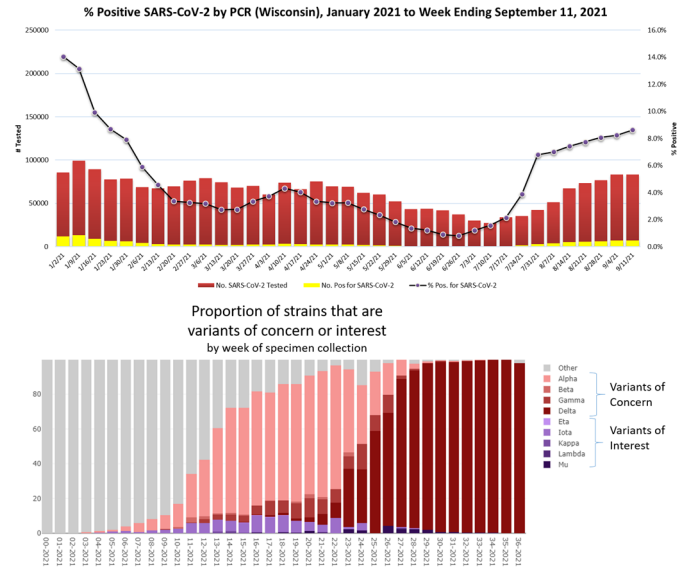
SARS-CoV-2 Surveillance Updates

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 8.6% of the 83,361 specimens tested by PCR and reported to WSLH.
- In the US, the 7 day average percent positivity is 8.9%.
- 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:

UPDATE

1. Please send **all positive** influenza specimens for further characterization.
2. Please send **a maximum of 5** SARS-CoV-2 specimens per week.

Other Surveillance Data-Wisconsin

Week Ending September 11, 2021*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	83361	8.6
RSV	2477	25.9↑
Rhinovirus/ Enterovirus	1112	16.6
Parainfluenza	1160	3.4
Adenovirus	183	1.6
Human metapneumovirus	1180	<1
Influenza	4655	<1
Seasonal coronaviruses	183	0
<i>B. pertussis</i>	367	0

Respiratory

- There continues to be high SARS-CoV-2 activity in Wisconsin.
- RSV activity is very high and continues to increase.

Gastropathogens

- *Cryptosporidium* was the predominant gastropathogen reported.
- Others detected included: EPEC (18.2%), EAEC (<1%), ETEC (1.3%), Astrovirus (3.8%) and *Aeromonas* (1.1%).

Week Ending September 11, 2021*

GI Pathogen PCR	# Tested	% Positive
<i>Cryptosporidium</i>	370	4.3↑
<i>Salmonella</i>	566	2.7
<i>Campylobacter</i>	566	2.5
Norovirus	414	2.2
Sapovirus	159	1.9
STEC	511	1.2
<i>Giardia</i>	370	1.1
<i>Shigella</i>	447	<1
<i>E. coli</i> 0157	287	<1
Rotavirus	412	<1
<i>Cyclospora</i>	142	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.