

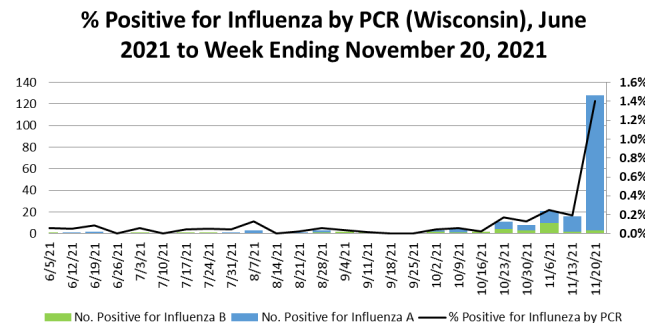
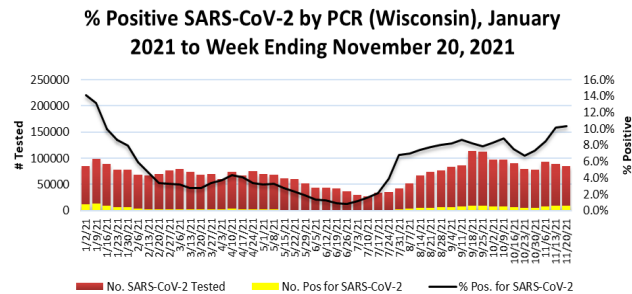
# Laboratory Surveillance Report

## SARS-CoV-2 & Influenza Surveillance Updates

### Surveillance Data Synopsis

- Rhinovirus/Enterovirus activity remains high in Wisconsin.
- RSV activity remains high in Wisconsin, but is decreasing.
- SARS-CoV-2 activity remains high in Wisconsin.
- Over 99% of the SARS-CoV-2 viruses sequenced recently are the Delta variant of concern.
- Influenza activity is increasing nationally and in Wisconsin

- In Wisconsin, SARS-CoV-2 positivity was 10.4% of the 84,334 specimens tested by PCR and reported to WSLH.
- In the US, the 7 day average SARS-CoV-2 percent positivity is 6.0%.
- Wisconsin genomic sequencing data showed the Delta [B.1.617.2 and its sub-lineages] variant of concern was by far the predominant lineage detected (>99%).
- The WSLH sequencing dashboard is available at <https://dataportal.slh.wisc.edu/sc2dashboard>
- In the US, the influenza positivity rate is 1.0%



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

NEW

1. A sampling of specimens from influenza-related hospitalizations (e.g. 1 per week).
2. Specimens that fail to subtype (Ct <35) if subtyping for 2009 pdmH1 and H3 were performed.
3. Please send a maximum of 5 SARS-CoV-2 specimens per week.

## Other Surveillance Data-Wisconsin

### Week Ending November 20, 2021\*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	84334	10.4
Rhinovirus/Enterovirus	1149	18.5
RSV	5243	9.6↓
Parainfluenza	1186	4.9
Adenovirus	283	3.5
Influenza	9144	1.4
Seasonal coronaviruses	283	1.1
Human metapneumovirus	1197	1.0
<i>B. pertussis</i>	290	0

### Respiratory

- SARS-CoV-2 activity in WI remains high.
- Rhinovirus/Enterovirus activity remains high.
- RSV activity is decreasing but remains high

### Gastropathogens

- Activity for all gastropathogens in WI is low.
- Others detected included: EPEC (4.2%), EAEC (2.1%), ETEC (0.3%), Adenovirus 40/41 (1%), Astrovirus (3.4%), *Y. enterocolitica* (<1%)

### Week Ending November 20, 2021\*

GI Pathogen PCR	# Tested	% Positive
Sapovirus	298	3.4
<i>Salmonella</i>	522	1.9
Norovirus	381	1.8
Rotavirus	376	1.3
<i>Cryptosporidium</i>	358	1.1
STEC	470	1.1
<i>Campylobacter</i>	522	1.1
<i>Giardia</i>	358	0.8
<i>Shigella</i>	472	0.2
<i>E. coli</i> O157	289	0
<i>Cyclospora</i>	289	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.