

# Laboratory Surveillance Report

## SARS-CoV-2 & Influenza Surveillance Updates:

### Influenza

- Influenza activity is decreasing in Wisconsin (2.1%) and nationally (1.4%).
- H3N2 (62%) is the dominant Influenza A subtype circulating.

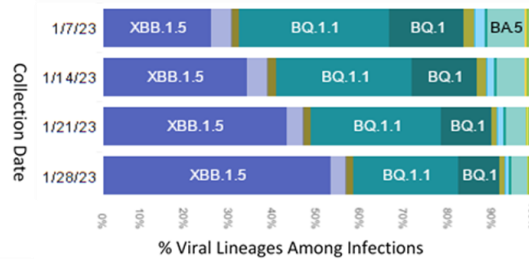
### SARS-CoV-2

- SARS-CoV-2 activity is high in Wisconsin (8.0%) and nationally (10.6%).

To enhance surveillance activities, each week please send:

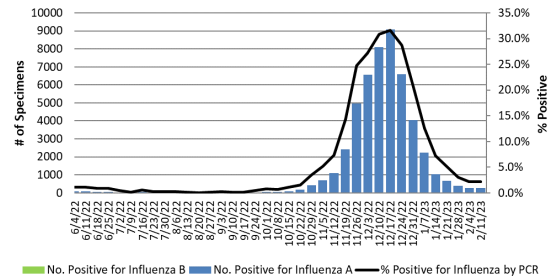
- **PCR/Molecular Testing sites:**
  - ◊ [One Influenza-related hospitalization](#)
  - ◊ Influenza A specimens that fail to subtype (Ct <35)
- **All Testing Sites:**
  - ◊ [Up to 5](#) SARS-CoV-2 positive specimens

Proportion of Lineages of Omicron Circulating (Nationally)

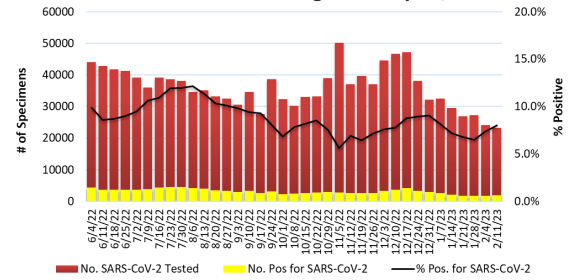


<https://covid.cdc.gov/covid-data-tracker/#variant-proportions>

% Positive for Influenza by PCR (Wisconsin), June 2022 to Week Ending February 11, 2023



% Positive SARS-CoV-2 by PCR (Wisconsin), June 2022 to Week Ending February 11, 2023



### Links:

- The WSLH sequencing dashboard is available here: <https://dataportal.slh.wisc.edu/sc2dashboard>
- A current summary of COVID-19 data for Wisconsin can be found here: <https://www.dhs.wisconsin.gov/covid-19/data.htm>
- The influenza, RSV and respiratory virus activity graphs can be viewed here: <http://www.slh.wisc.edu/wcln-surveillance/surveillance/virology-surveillance/>
- The bacterial, viral and parasitic activity graphs can be viewed here: <http://www.slh.wisc.edu/wcln-surveillance/surveillance/gastropathogen-surveillance/>

### Week Ending February 11, 2023\*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	23247	8.0
Seasonal coronaviruses	45	24.4↑
Rhinovirus/Enterovirus	574	13.1
Human metapneumovirus	564	4.6
Parainfluenza	502	2.8
Adenovirus	45	2.2
Influenza	12008	2.1
RSV	8125	1.4
<i>B. pertussis</i>	297	0.0

## Other Surveillance Data-Wisconsin:

### Respiratory pathogens

- Seasonal coronavirus and Rhinovirus/Enterovirus activities are very high.

### Gastropathogens

- Other pathogens detected include: Astrovirus (5.2%), EPEC (3.9%), EAEC (3.1%), ETEC (1.1%), Adenovirus 40/41 (1.2%), EIEC (0.8%), and *Yersinia enterocolitica* (0.6%).

### Week Ending February 11, 2023\*

GI Pathogen PCR	# Tested	% Positive
Sapovirus	243	9.5
Norovirus	347	8.9
<i>Campylobacter</i>	437	2.3
<i>Salmonella</i>	437	2.1
<i>Cryptosporidium</i>	332	0.9
<i>Giardia</i>	332	0.6
STEC	437	0.5
Rotavirus	315	0.3
<i>Shigella</i>	309	0.0
<i>E. coli</i> O157	149	0.0
<i>Cyclospora</i>	229	0.0

\* 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.