

Laboratory Surveillance Report

SARS-CoV-2 & Influenza Surveillance Updates:

Influenza

- Influenza activity is decreasing in Wisconsin (3.1%) and nationally (2.1%).
- H3N2 (62%) is the dominant Influenza A subtype circulating.
- There is an increase in non-mumps parotitis, which may be due to influenza. Consider influenza testing for patients with non-mumps parotitis.

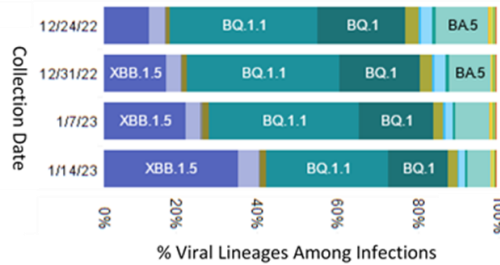
SARS-CoV-2

- SARS-CoV-2 activity is high in Wisconsin (6.2%) and nationally (11.0%).

To enhance surveillance activities, each week please send:

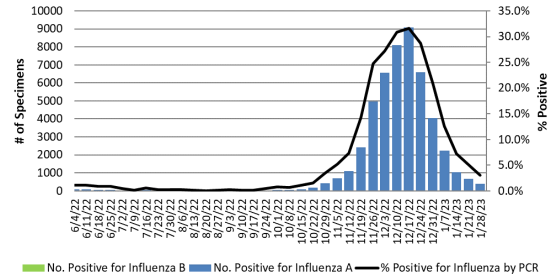
- **PCR/Molecular Testing sites:**
 - ◊ [One Influenza-related hospitalization](#)
 - ◊ Influenza A specimens that fail to subtype (Ct <35)
- **All Testing Sites:**
 - ◊ [Up to 5](#) SARS-CoV-2 positive specimens

Proportion of Lineages of Omicron Circulating (Nationally)

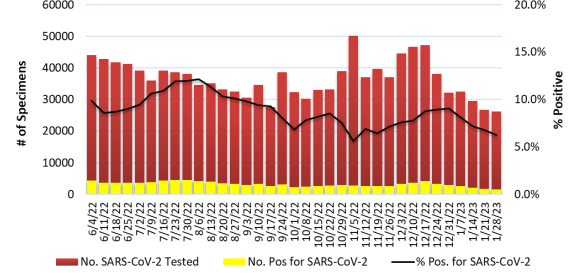


<https://covid.cdc.gov/covid-data-tracker/#variant-proportions>

% Positive for Influenza by PCR (Wisconsin), June 2022 to Week Ending January 28, 2023



% Positive SARS-CoV-2 by PCR (Wisconsin), June 2022 to Week Ending January 28, 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 January 28, 2023*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	24895	6.2
Seasonal coronaviruses	41	14.6
Rhinovirus/Enterovirus	810	12.5
Adenovirus	41	9.8
Influenza	12738	3.1
RSV	9011	2.5
Human metapneumovirus	787	2.4
Parainfluenza	836	2.2
<i>B. pertussis</i>	555	0.2

Other Surveillance Data-Wisconsin:

Respiratory pathogens

- Seasonal coronavirus, Rhinovirus/Enterovirus and Adenovirus activities are high.

Gastropathogens

- Other pathogens detected include: EPEC (6.1%), EAEC (3.0%), Astrovirus (1.7%), and Adenovirus 40/41 (1.3%).

Week Ending January 28, 2023*

GI Pathogen PCR	# Tested	% Positive
Sapovirus	300	7.3
Norovirus	432	7.2
<i>Campylobacter</i>	457	2.2
STEC	471	1.5
<i>Salmonella</i>	457	0.9
<i>Cryptosporidium</i>	373	0.8
Rotavirus	410	0.5
<i>Giardia</i>	373	0.5
<i>Shigella</i>	362	0.3
<i>E. coli</i> O157	128	0.0
<i>Cyclospora</i>	300	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.