

Laboratory Surveillance Report

SARS-CoV-2 & Influenza Surveillance Updates:

Influenza

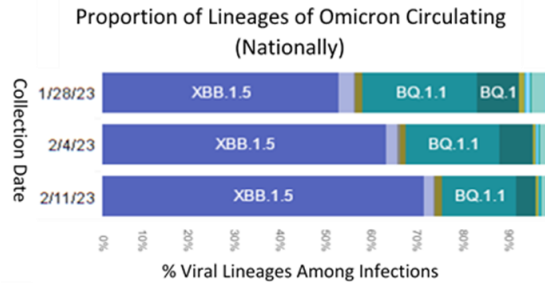
- Influenza activity is decreasing in Wisconsin (1.2%) and nationally (1.0%).
- H3N2 (63%) is the dominant Influenza A subtype circulating.

SARS-CoV-2

- SARS-CoV-2 activity is high in Wisconsin (9.9%) and nationally (8.8%).

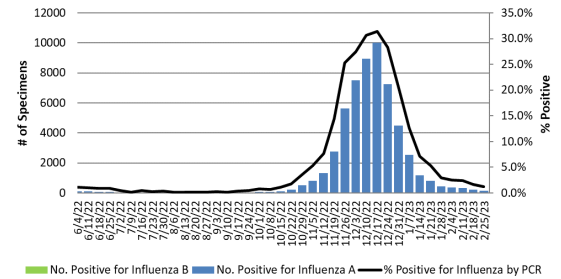
To enhance surveillance activities, each week please send:

- **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

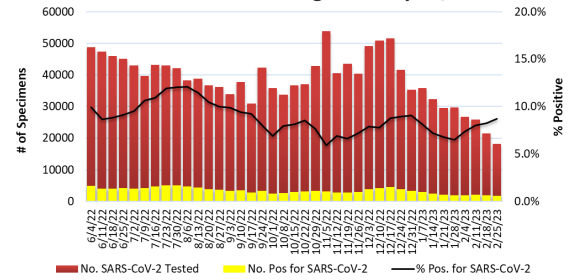


<https://covid.cdc.gov/covid-data-tracker/#variant-proportions>

% Positive for Influenza by PCR (Wisconsin), June 2022 to Week Ending February 25, 2023



% Positive SARS-CoV-2 by PCR (Wisconsin), June 2022 to Week Ending February 25, 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 25, 2023*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	18163	9.9
Seasonal coronaviruses	34	20.6
Rhinovirus/Enterovirus	955	13.9
Human metapneumovirus	976	6.8
Parainfluenza	967	2.4
RSV	6913	1.5
Influenza	10752	1.2
<i>B. pertussis</i>	570	0.4
Adenovirus	34	0.0

Other Surveillance Data-Wisconsin:

Respiratory pathogens

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

Gastropathogens

- Other pathogens detected include: Astrovirus (5.4%), EPEC (5.1%), EAEC (2.8%), ETEC (0.9%), EIEC (0.9%), *Yersinia enterocolitica* (0.3%) and Adenovirus 40/41 (0.3%).

Week Ending February 25, 2023*

GI Pathogen PCR	# Tested	% Positive
Sapovirus	317	5.4
Norovirus	344	14.0
<i>Campylobacter</i>	419	3.1
<i>Salmonella</i>	419	2.1
<i>Cryptosporidium</i>	384	0.8
<i>Giardia</i>	384	0.5
STEC	419	0.7
Rotavirus	340	0.3
<i>Shigella</i>	262	0.0
<i>E. coli</i> O157	143	0.0
<i>Cyclospora</i>	317	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.