

Laboratory Surveillance Report

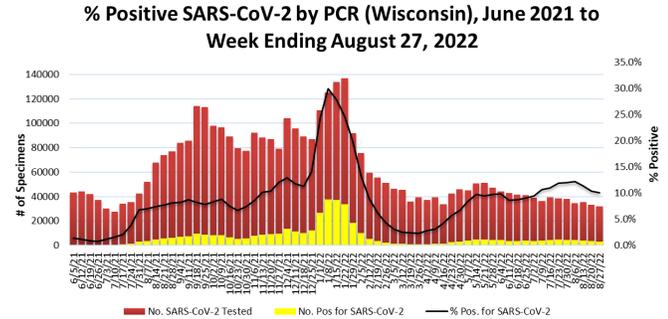
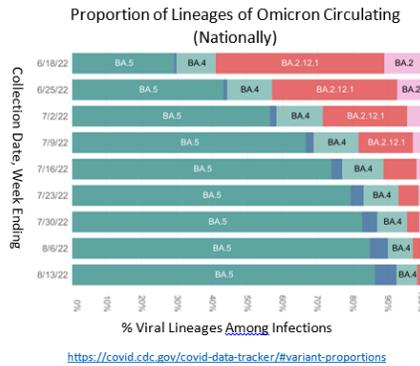
SARS-CoV-2 & Influenza Surveillance Updates:

SARS-CoV-2

- SARS-CoV-2 activity is high in Wisconsin (10.0%) and nationally (14.6%).
- Omicron lineage BA.5 [and its sublineages] was the predominant lineage detected nationally (85-90%).

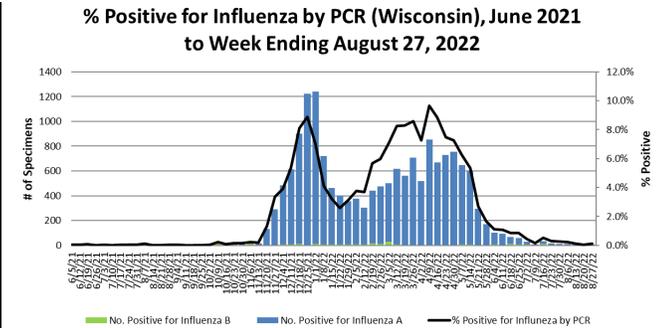
Influenza

- Influenza activity is low in Wisconsin (0.1%) and nationally (0.5%).
- The dominant Influenza subtype is H3N2.



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

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



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 August 27, 2022*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	32020	10.0
Rhinovirus/ Enterovirus	557	19.6
Adenovirus	61	3.3
RSV	2240	3.3
Parainfluenza	557	2.5
Seasonal coronaviruses	61	1.6
<i>B. pertussis</i>	173	0.6
Human metapneumovirus	563	0.5
Influenza	4987	0.1

Other Surveillance Data-Wisconsin:

Respiratory pathogens

- SARS-CoV-2 activity in WI is high
- Rhinovirus/Enterovirus activity is high

Gastropathogens

- Other pathogens detected include: EPEC (13.7%), EAEC (3.5%), EIEC (1.3%), ETEC (1.2%), and *Plesiomonas shigelloides* (0.3%),

Week Ending August 27, 2022*

GI Pathogen PCR	# Tested	% Positive
Norovirus	319	4.7
STEC	165	3.6
<i>Salmonella</i>	386	3.4
<i>Campylobacter</i>	386	2.6
Sapovirus	303	1.7
<i>Cryptosporidium</i>	373	1.3
<i>Giardia</i>	373	1.3
<i>E. coli</i> 0157	127	0.8
<i>Shigella</i>	315	0.6
Rotavirus	317	0.0
<i>Cyclospora</i>	288	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.