Wisconsin State Laboratory of Hygiene
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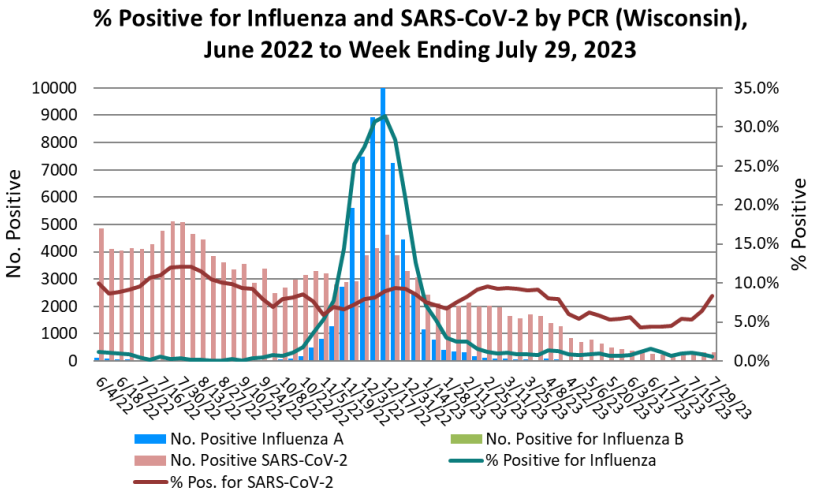
August 7, 2023

Laboratory Surveillance Report



Influenza

- Influenza activity is low in Wisconsin (0.6%) and nationally (1.0%).

SARS-CoV-2

- SARS-CoV-2 activity is **increasing** in Wisconsin (8.4%).

To enhance surveillance activities during the off-season, <u>each week please send</u>:

- ◊ **<u>All influenza positive specimens</u>**
- ◊ <u>Up to 5</u> SARS-CoV-2 positive specimens

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 July 29, 2023*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	3966	8.4 ↑
Rhinovirus/ Enterovirus	446	10.5
Parainfluenza	440	3.2
Influenza	2155	0.6
B. pertussis	233	0.4
RSV	1674	0.2
Adenovirus	8	0.0
Human metapneumovirus	458	0.0
Seasonal coronaviruses	8	0.0

Other Surveillance Data-Wisconsin:

<u>Respiratory pathogens</u>

- Rhinovirus/Enterovirus and SARS-CoV-2 activities are high.

<u>Gastropathogens</u>

- Other pathogens detected include: *Plesiomonas shigelloides* (3.3%), Adenovirus 40/41 (0.8%), *Yersinia enterocolitica* (0.2%) and *Entamoeba histolytica* (0.2%).

Week Ending July 29, 2023*

GI Pathogen PCR	# Tested	% Positive
Salmonella	485	3.3
Campylobacter	486	3.1
E. coli 0157	69	2.9
Cryptosporidium	450	2.9
Sapovirus	371	1.6
Norovirus	397	1.5
STEC	485	1.2
Cyclospora	371	1.1
Giardia	450	1.1
Rotavirus	396	1.0
Shigella	241	0.8

* *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.*