2601 Agriculture Dr. Madison, WI 53718

# Laboratory Surveillance Report

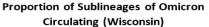
## SARS-CoV-2

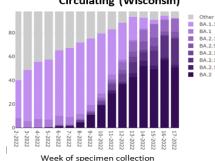
- SARS-CoV-2 activity is increasing in Wisconsin (9.0%) and nationally (9.1%).
- Omicron [B.1.1.529/BA.1 and its sublineages] was the predominant variant detected in Wisconsin (>99%) and nationally (100%).
- The proportion of Omicron sublineage BA.2 and its sublieages is increasing in Wisconsin (>90%).

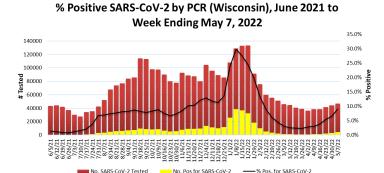
### Influenza

- · Influenza activity is moderate in Wisconsin (5.5%) and nationally (8.6%).
- The dominant Influenza subtype is H3N2.

# SARS-CoV-2 & Influenza Surveillance Updates:



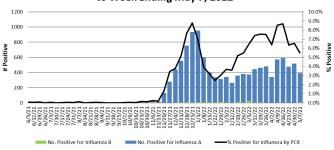




# To enhance surveillance activities, the WSLH asks labs to please send:

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

### % Positive for Influenza by PCR (Wisconsin), June 2021 to Week Ending May 7, 2022



# 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: <a href="http://www.slh.wisc.edu/wcln-surveillance/surveillance/virology-surveillance/">http://www.slh.wisc.edu/wcln-surveillance/virology-surveillance/</a>
- The bacterial, viral and parasitic activity graphs can be viewed here: http://www.slh.wisc.edu/wcln-surveillance/gastropathogen-surveillance/

#### Week Ending May 7, 2022\*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	46646	9.0
Rhinovirus/ Enterovirus	833	14.3
Parainfluenza	854	10.4
Seasonal coronaviruses	267	7.1
Influenza A	7167	5.5
Human metapneumovirus	900	4.7
Adenovirus	267	2.2
RSV	4090	0.9
B. pertussis	290	0

# Other Surveillance **Data-Wisconsin:**

# Respiratory pathogens

- SARS-CoV-2 activity in WI is increasing
- Seasonal respiratory virus activities are high including rhinoviruses/enteroviruses, parainfluenza viruses, human metapneumovirus and seasonal coronaviruses.

#### **Gastropathogens**

Other pathogens detected include: EPEC (4.2%), Astrovirus (2.2%), EAEC (1.8%), Adenovirus 40/41(1.6%), ETEC (1.0%), Yersinia enterocolitica (0.4%)

# Week Ending May 7, 2022\*

GI Pathogen PCR	# Tested	% Positive
Norovirus	502	8.6
Rotavirus	486	8.4
Campylobacter	536	1.9
Salmonella	536	1.3
Sapovirus	402	1.2
Giardia	470	0.9
Cryptosporidium	470	0.6
E. coli 0157	379	0.3
STEC	536	0.2
Shigella	392	0.0
Cyclospora	379	0.0

<sup>\*</sup> 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.