

# Laboratory Surveillance Report

## SARS-CoV-2 & Influenza Surveillance Updates:

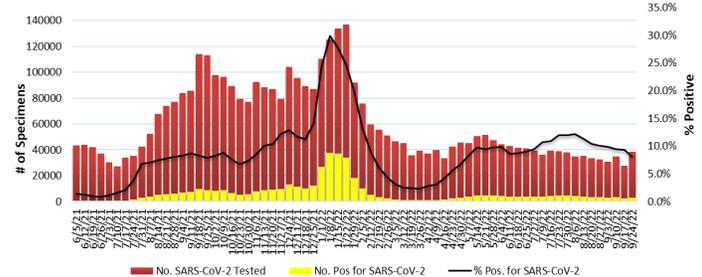
### SARS-CoV-2

- SARS-CoV-2 activity is high in Wisconsin (8.1%) and nationally (9.8%).
- Omicron lineage BA.5 was the predominant lineage detected nationally (~85%).

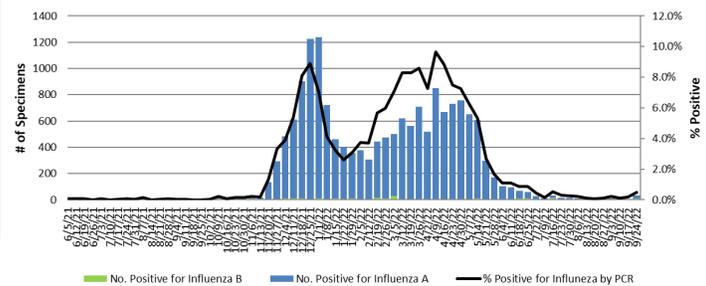
### Influenza

- Influenza activity is low in Wisconsin (0.5%) and nationally (1.3%).
- H3N2 (63.6%) is the dominant Influenza A subtype circulating, but the percentage of H1pdm09 infections is increasing (36.4%).

% Positive SARS-CoV-2 by PCR (Wisconsin), June 2021 to Week Ending September 24, 2022



% Positive for Influenza by PCR (Wisconsin), June 2021 to Week Ending September 24, 2022



To enhance surveillance activities early in the influenza season, please send:

- ALL Clinical Labs:
  - ALL Influenza Positive Specimens
  - Up to 5 SARS-CoV-2 positive 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 September 24, 2022\*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	38352	8.1
Rhinovirus/Enterovirus	767	34.8↑
RSV	3605	5.4
Parainfluenza	817	3.3
Adenovirus	107	0.9
Influenza	6879	0.5
Human metapneumovirus	835	0.1
<i>B. pertussis</i>	326	0.0
Seasonal coronaviruses	107	0.0

## Other Surveillance Data-Wisconsin:

### Respiratory pathogens

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

### Gastropathogens

- Other pathogens detected include: EPEC (13.5%), ETEC (2.8%), EAEC (1.0%), Adenovirus 40/41 (0.3%), EIEC (0.3%), and *Yersinia enterocolitica* (0.2%).

### Week Ending September 24, 2022\*

GI Pathogen PCR	# Tested	% Positive
<i>Campylobacter</i>	498	3.4
<i>Cryptosporidium</i>	391	2.0
<i>Salmonella</i>	499	1.8
<i>Giardia</i>	391	1.8
<i>E. coli</i> 0157	135	1.5
STEC	499	1.4
Norovirus	450	1.3
Sapovirus	328	1.2
<i>Shigella</i>	240	0.0
Rotavirus	450	0.0
<i>Cyclospora</i>	314	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.