

# Laboratory Surveillance Report

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

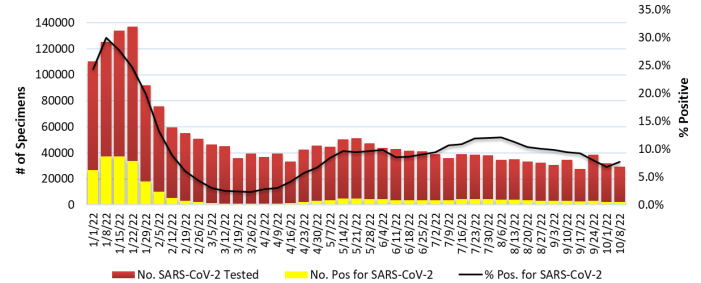
### SARS-CoV-2

- SARS-CoV-2 activity is high in Wisconsin (7.8%) and nationally (8.8%).
- Omicron lineage BA.5 was the predominant lineage detected nationally (~82%).

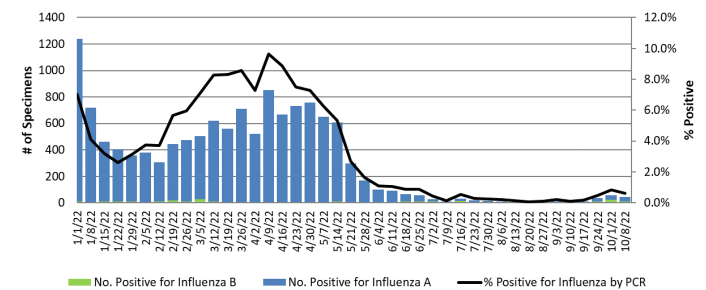
### Influenza

- Influenza activity is low in Wisconsin (0.6%) and nationally (3.3%).
- 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), January 2022 to Week Ending October 8, 2022



% Positive for Influenza by PCR (Wisconsin), January 2022 to Week Ending October 8, 2022



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

I. 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	29592	7.8
Rhinovirus/Enterovirus	761	31.5
RSV	3951	10.9↑
Parainfluenza	817	4.9
Adenovirus	116	2.6
Influenza	7134	0.6
Human metapneumovirus	844	0.2
<i>B. pertussis</i>	260	0.0
Seasonal coronaviruses	116	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 (13.3%), ETEC (1.3%), EAEC (2.6%), Adenovirus 40/41 (1.1%), EIEC (0.4%), and *Yersinia enterocolitica* (0.3%).

### Week Ending September 24, 2022\*

GI Pathogen PCR	# Tested	% Positive
<i>Campylobacter</i>	350	2.9
<i>Salmonella</i>	350	2.0
<i>Cryptosporidium</i>	333	1.8
<i>Giardia</i>	333	1.2
STEC	350	1.1
Norovirus	306	1.0
<i>E. coli</i> 0157	117	0.9
Sapovirus	277	0.4
<i>Shigella</i>	143	0.0
Rotavirus	306	0.0
<i>Cyclospora</i>	265	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.