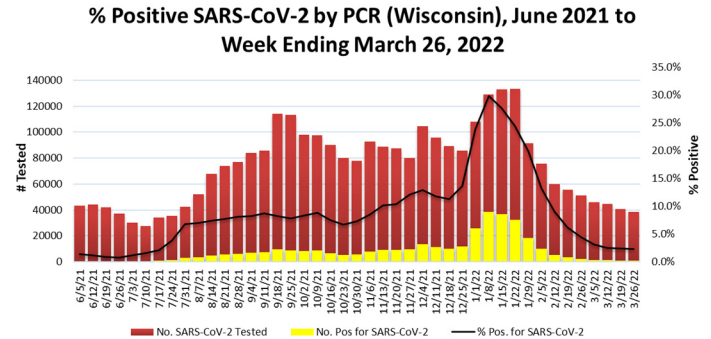
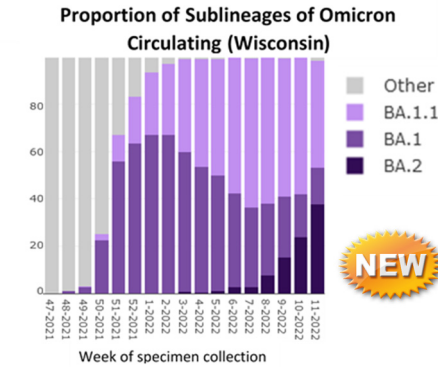


Laboratory Surveillance Report

SARS-CoV-2 & Influenza Surveillance Updates:

SARS-CoV-2

- SARS-CoV-2 activity is moderate in Wisconsin (2.3%) and nationally (2.4%).
- 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 is increasing in Wisconsin (37.7%).

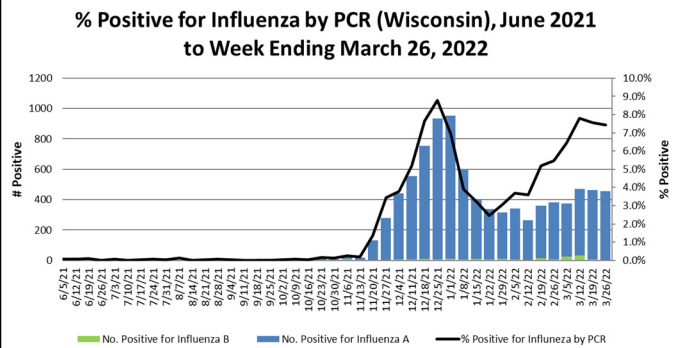


Influenza

- Influenza activity is high in Wisconsin (7.4%) and nationally (6.5%).
- 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 March 26, 2022*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	38282	2.3
Rhinovirus/Enterovirus	663	12.7↑
Human metapneumovirus	715	12.3↑
Seasonal coronaviruses	160	7.5
Influenza A	6149	7.4
Parainfluenza	698	3.4
RSV	2691	1.0
<i>B. pertussis</i>	299	1.0
Adenovirus	160	0.6

Other Surveillance Data-Wisconsin:

Respiratory pathogens

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

Gastropathogens

- Norovirus activity in WI is high.
- Others detected included: EPEC (6.2%), EAEC (3.1%), Astrovirus (1.4%), Adenovirus 40/41 (0.8%), and ETEC (0.6%).

Week Ending March 26, 2022*

GI Pathogen PCR	# Tested	% Positive
Norovirus	293	14.0
Rotavirus	280	10.4
Sapovirus	145	3.4
<i>Salmonella</i>	324	1.5
<i>Campylobacter</i>	334	1.2
<i>Shigella</i>	267	0.7
<i>Cryptosporidium</i>	155	0.6
<i>Giardia</i>	155	0.6
STEC	324	0.6
<i>E. coli</i> 0157	165	0.0
<i>Cyclospora</i>	129	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.