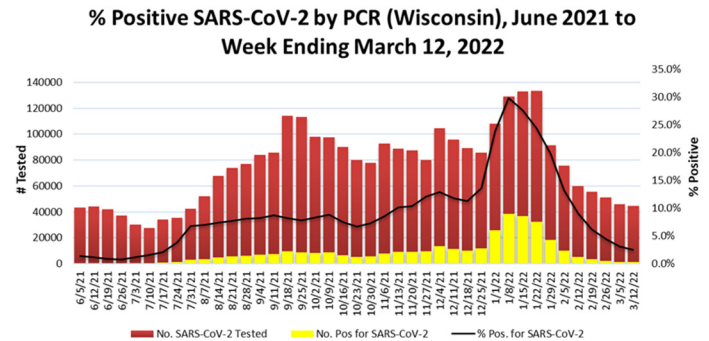
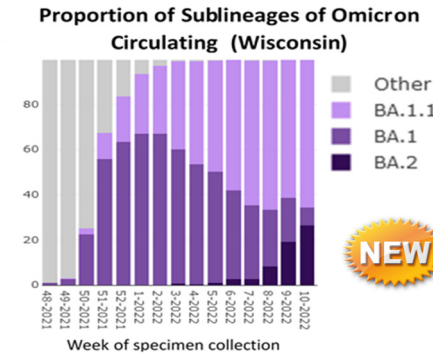


Laboratory Surveillance Report

SARS-CoV-2 & Influenza Surveillance Updates:

SARS-CoV-2

- SARS-CoV-2 activity is decreasing in Wisconsin (2.5%) and nationally (2.2%).
- 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 (26.6%).

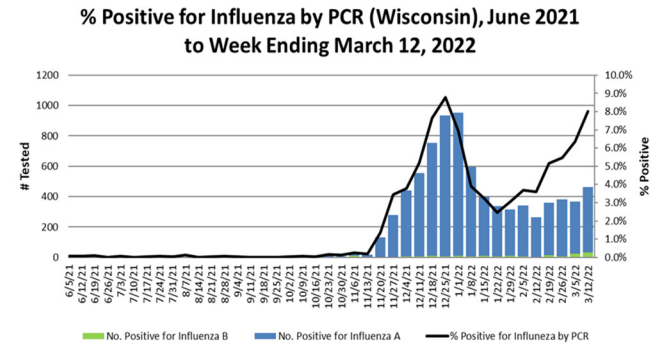


Influenza

- Influenza activity is increasing in Wisconsin (8.0%) and nationally (6.8%).
- The dominant Influenza sub-type 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 12, 2022*

Resp. Pathogen PCR	# Tested	% Positive
SARS-CoV-2	44411	2.5
Human metapneumovirus	715	13.3↑
Rhinovirus/Enterovirus	665	9.9↑
Influenza A	5791	8.0↑
Seasonal coronaviruses	195	7.2
Parainfluenza	704	2.7
RSV	2737	1.4
Adenovirus	236	0.4
<i>B. pertussis</i>	207	0.0

Other Surveillance Data-Wisconsin:

Respiratory pathogens

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

Gastropathogens

- Norovirus activity in WI is increasing.
- Others detected included: Adenovirus 40/41 (5.0%), EPEC (3.9%), EAEC (2.6%), ETEC (1.4%), Astrovirus (1.2%), *Yersinia enterocolitica* (0.8%), *Plesiomonas shigelloides* (0.4%)

Week Ending March 12, 2022*

GI Pathogen PCR	# Tested	% Positive
Norovirus	584	19.7↑
Rotavirus	554	11.7
<i>Campylobacter</i>	605	2.1
<i>Cryptosporidium</i>	478	1.7
Sapovirus	406	1.2
<i>Salmonella</i>	594	1.0
<i>Shigella</i>	594	1.0
STEC	592	0.7
<i>E. coli</i> 0157	382	0.3
<i>Giardia</i>	487	0.2
<i>Cyclospora</i>	387	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.