

Laboratory Surveillance Report

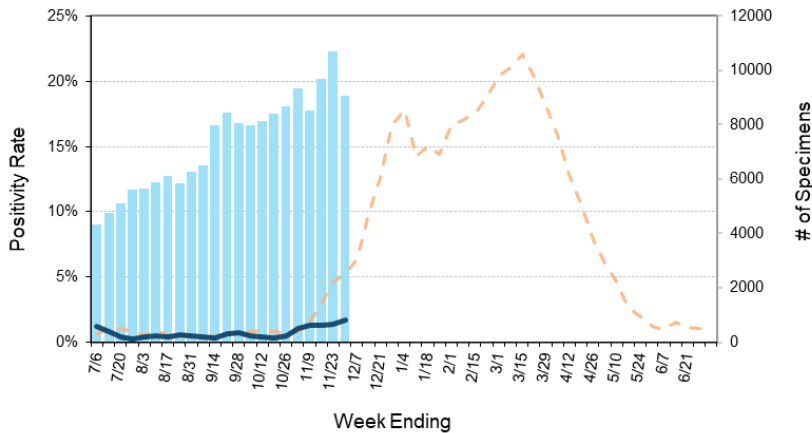
** For a selection of pathogens, participating Wisconsin clinical laboratories voluntarily report to WSLH on a weekly basis the total number of tests performed, and the number of those tests with positive results.

To enhance surveillance activities, each week please send:

- **PCR/Molecular Testing sites:**
 - ◇ One Influenza-related hospitalization
 - ◇ Influenza A specimens:
 - That fail to subtype (Ct <35)
 - **With swine, bovine or avian exposure**
 - With international travel history
- **All Testing Sites:**
 - ◇ Up to 5 SARS-CoV-2 positive specimens
- **All Enterovirus positive CSF Specimens**

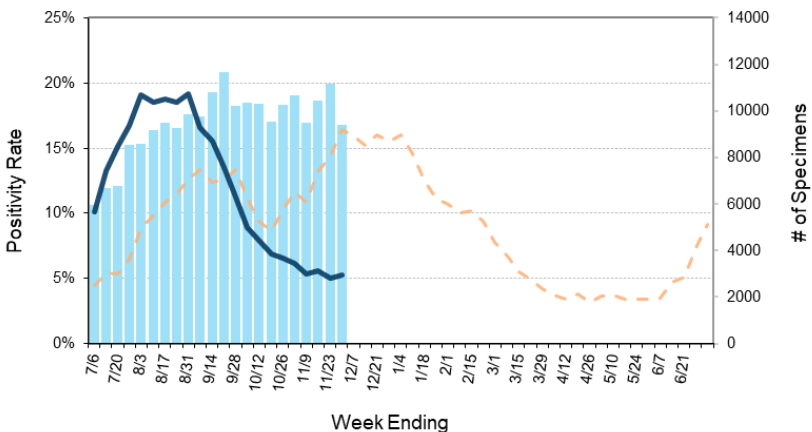


Number Tested and Positivity Rate for **Influenza** by PCR at Wisconsin Laboratories



Influenza Tested - 2024-25 % Positive for Influenza - 2023-24
% Positive for influenza - 2024-25

Number Tested and Positivity Rate for **SARS-CoV-2** by PCR at Wisconsin Laboratories



SARS-CoV-2 Tested - 2024-25 % Positive for SARS-CoV-2 - 2023-24
% Positive for SARS-CoV-2 - 2024-25

Respiratory Snapshot:

- Influenza activity is **increasing** in Wisconsin (1.7%) and nationally (3.5%)
 - **Influenza A** is the dominant strain circulating (93%)
- RSV activity is **increasing** in Wisconsin (2.0%)
- Rhinovirus/Enterovirus activity is **high** (19.2%) in Wisconsin
- SARS-CoV-2 (5.2%) and parainfluenza (6.0%) activities in Wisconsin are **moderate**
- *Bordetella pertussis* activity in Wisconsin is **elevated** (2.1%)

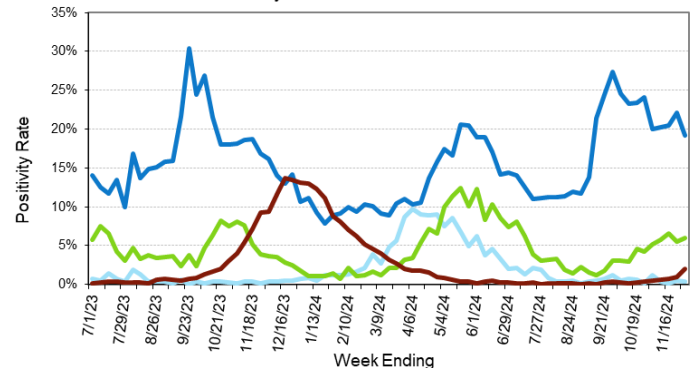
Enteric Snapshot:

- Norovirus activity is **high** (19.0%)

Other:

- Group A *Streptococcus* activity in Wisconsin is **high** (18.4%).

Positivity Rate of **hMPV, Parainfluenza, Rhino/Enterovirus and RSV** by PCR at Wisconsin Laboratories



% Positive for hMPV % Positive Parainfluenza
% Positive for Rhino/Enterovirus % Positive for RSV

Laboratory Surveillance Report

Enteric Pathogens

Week Ending 11/30/24

	# Tested	% Positive
Norovirus***	536	19.0%↑
<i>Campylobacter</i>	646	2.9%
Sapovirus	466	1.9%
<i>Giardia</i>	537	1.5%
Rotavirus	514	1.2%
<i>Salmonella</i>	646	1.1%
<i>Cryptosporidium</i>	537	1.1%
STEC	646	0.9%
<i>Yersinia enterocolitica</i>	533	0.9%
Adenovirus 40/41	466	0.4%
Aeromonas	30	0.0%
<i>E. coli</i> 0157	212	0.0%
<i>Plesiomonas shigelloides</i>	486	0.0%
<i>Shigella</i> /EIEC	613	0.0%
<i>Vibrio</i>	533	0.0%
Astrovirus	466	0.0%
<i>Cyclospora</i>	466	0.0%
<i>Entamoeba histolytica</i>	537	0.0%

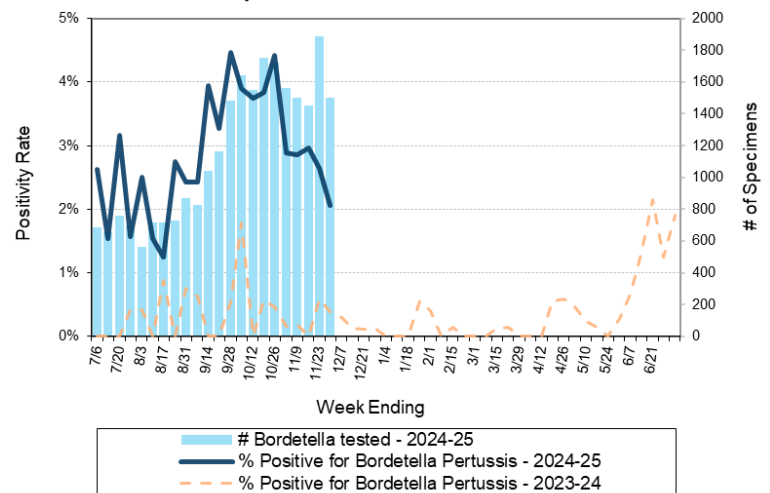
***BioMerieux has announced an increased risk of false positive norovirus results with the BioFire FilmArray GI panel, which may increase the statewide norovirus percent positivity **

Respiratory Pathogens

Week Ending 11/30/24

	# Tested	% Positive
Rhinovirus/Enterovirus	1765	19.2%
Parainfluenza	1383	6.0%
SARS-CoV-2	9395	5.2%
Seasonal coronaviruses	1212	2.9%
<i>Bordetella pertussis</i>	1501	2.1%
RSV	7485	2.0%↑
Adenovirus	1338	1.9%
Influenza	9080	1.7%↑
Human metapneumovirus	1186	0.3%

Number Tested and Positivity Rate for *Bordetella pertussis* by PCR at Wisconsin Laboratories



Additional Information

- Additional information on respiratory pathogens can be found on the DHS website: <https://www.dhs.wisconsin.gov/disease/respiratory.htm>
- Activity graphs for a variety of respiratory pathogens can be found on the DHS Respiratory Illness Dashboard: <https://www.dhs.wisconsin.gov/disease/laboratory-based-data.htm>
- Activity graphs for a variety of gastrointestinal pathogens can be found on the WSLH website: <http://www.slh.wisc.edu/wcln-surveillance/surveillance/gastropathogen-surveillance/>
- The WSLH SARS-CoV-2 genomic dashboard is available here: <https://dataportal.slh.wisc.edu/sc2dashboard>

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