SARS-CoV-2 Surveillance Updates

**SARS-CoV-2 Update**

- In Wisconsin, positivity was 2.3% of the 25,224 specimens tested by PCR and reported to WSLH.
- In the US, 7 day average percent positivity increased to 5.8%.
- Wisconsin genomic sequencing data showed the Delta [B.1.617.2] variant of concern was the predominant lineage detected.
- The WSLH sequencing dashboard is available at https://dataportal.slh.wisc.edu/sc2dashboard

**Other Surveillance Data-Wisconsin**

- **Parainfluenza virus 3 and rhinovirus activity have increased in Wisconsin.**
- **The Delta [B.1.617.2] SARS-CoV-2 variant of concern is now the predominant lineage detected.**
- **Campylobacter was the predominant gastropathogen reported.**

**Respiratory**

- There has been an increase in SARS-CoV-2 detections reported in Wisconsin.

**Gastropathogens**

- Campylobacter was the predominant gastropathogen reported.
- Others detected included: EPEC (19.2%), EAEC (3.4%), ETEC (1.2%), P. shigelloides and (1.2%) and Astrovirus (2.3%).

To enhance surveillance activities, the WSLH asks labs to please send:

1. Please send all positive influenza specimens for further characterization.
2. Please send all positive SARS-CoV-2 specimens with Ct <30 or Panther RLU >700 for genomic sequencing. If you are unable to send all positives, please send as many as you are able.

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**Week Ending July 17, 2021**

**Resp. Pathogen PCR** | # Tested | % Positive  
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SARS-CoV-2 | 25,224 | 2.3↑  
Parainfluenza | 832 | 14.2↑  
Rhinovirus/Enterovirus | 825 | 14.1↑  
RSV | 1364 | 4.0  
Seasonal coronaviruses | 164 | 2.4  
Adenovirus | 164 | <1  
Influenza | 1703 | <1  
Human metapneumovirus | 843 | <1  
B. pertussis | 242 | 0  

**GI Pathogen PCR** | # Tested | % Positive  
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Campylobacter | 746 | 5.2↑  
Norovirus | 543 | 2.6↓  
Salmonella | 746 | 2  
Cryptosporidium | 457 | 1.8  
Cyclospora | 177 | 1.1↓  
STEC | 668 | <1  
Sapovirus | 197 | <1  
Rotavirus | 530 | <1  
Giardia | 457 | <1  
Shigella | 675 | <1  
E. coli 0157 | 359 | 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.