Wisconsin State Laboratory of Hygiene
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August 31, 2020

Laboratory Surveillance Report

Influenza & SARS-CoV-2 (Week ending August 22, 2020)

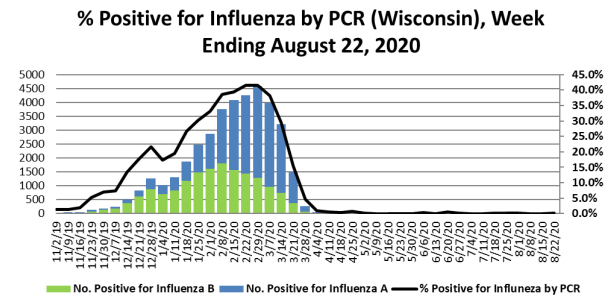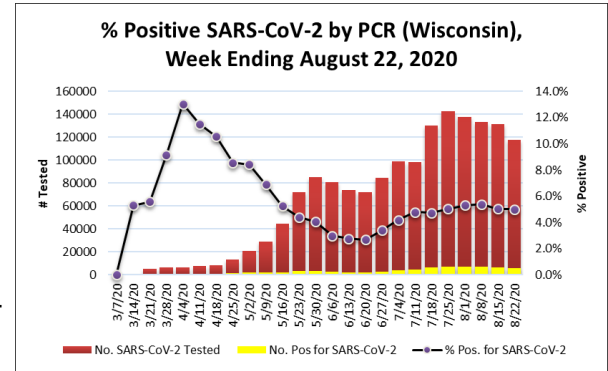### *Surveillance Data Synopsis*

- **The percentage of specimens testing positive for SARS-CoV-2 *remained the same (5%)* from the previous week.**

- **Salmonella sp. was the most frequently reported gastropathogen.**

SARS-CoV-2 Update

- In Wisconsin, 5.0% of the 117,551 specimens tested positive by PCR at WSLH and clinical labs reporting testing data. This is the same percentage as the previous week.

- Nationally, the percentage of specimens testing positive by PCR at clinical, commercial and public health labs *decreased* from 6.2% to 5.7%.

- The highest percentages of positive specimens for SARS-CoV-2 were seen in HHS Regions 4 (South East, 9.3%), 6 (South Central, 10.2%), and 7 (Central, 10.0%).

Wisconsin Influenza Update

- One influenza A (H1N1)pdm09 was reported.

% Positive SARS-CoV-2 by PCR (Wisconsin), Week Ending August 22, 2020

% Positive for Influenza by PCR (Wisconsin), Week Ending August 22, 2020

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

1. Please send **all positive influenza specimens** for further characterization.

Other Surveillance Data-Wisconsin

Week Ending August 22, 2020

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/ Enterovirus	832	6.6
SARS-CoV-2	117,551	5.0
Influenza	905	<1
Human metapneumovirus	861	<1
Parainfluenza	855	<1
Adenovirus	37	0
RSV	874	0
Seasonal coronaviruses	37	0
B. pertussis	399	<1

Respiratory

- SARS-CoV-2 and Rhinovirus/enterovirus were the predominant respiratory pathogens reported from Wisconsin clinical and public health labs.

Gastropathogens

- Salmonella sp. and Campylobacter sp. were the predominant gastropathogens reported.

- Others reported included EPEC (6.5%), EAEC (1.4%), and *Y. enterocolitica* (<1%).

Week Ending August 22, 2020

GI Pathogen PCR	# Tested	% Positive
Salmonella	485	3.1
Campylobacter	485	2.9
STEC	429	1.6
Giardia	271	1.5
Cryptosporidium	271	1.5
Norovirus	302	<1
Shigella	427	<1
Cyclospora	139	<1
Rotavirus	301	0
Sapovirus	143	0
E. coli 0157	203	0