

Laboratory Surveillance Report

Influenza & SARS-CoV-2 (Week ending June 13, 2020)

Surveillance Data Synopsis

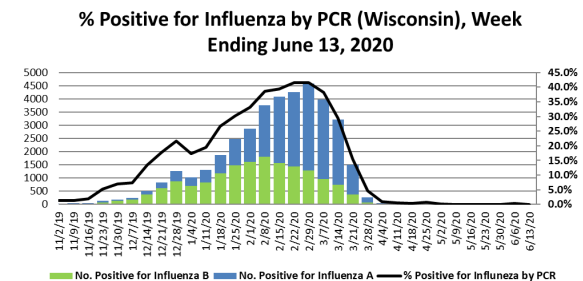
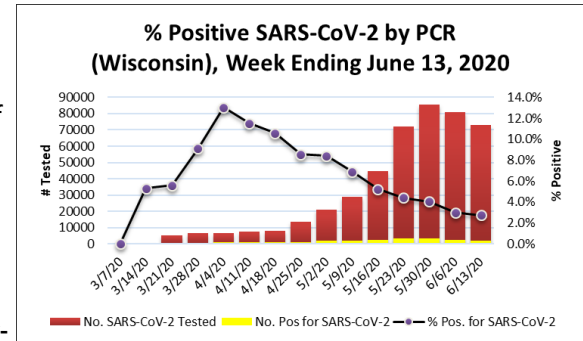
- **SARS-CoV-2 was the predominant respiratory pathogen reported in Wisconsin.**
- **The percentage of specimens testing positive for SARS-CoV-2 decreased slightly from the previous week.**
- **Campylobacter and Salmonella sp. were the most frequently reported gastro-pathogens.**

SARS-CoV-2 Update

- In Wisconsin, 2.7% of the 73,199 specimens tested positive by PCR at WSLH and clinical labs reporting testing data. The percentage of positive tests reported has been *decreasing*.
- Nationally, 6.4% of the 1,617,344 specimens tested positive by PCR at clinical, commercial and public health labs. This is a small increase from the previous week (6.1%) positivity.
- Increases were noted in HHS regions 2 (North East), 4 (South East), 6 (South Central), 7 (Central) and 10 (Pacific Northwest).

Wisconsin Influenza Update

- No influenza positive tests were reported.



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

1. A sampling of specimens from influenza-related hospitalizations (e.g. no more than 1 per week).
2. Specimens that fail to subtype (Ct <35) if subtyping for 2009 pdmH1 and H3 were performed.

Other Surveillance Data-Wisconsin

Week Ending June 13, 2020

| Resp. Pathogen PCR | # Tested | % Positive |
|-------------------------|----------|------------|
| SARS-CoV-2 | 73,199 | 2.7↓ |
| Seasonal coronavirus | 40 | 2.5 |
| Rhinovirus/ Enterovirus | 644 | 2.0 |
| RSV | 749 | <1 |
| Human metapneumovirus | 690 | <1 |
| Adenovirus | 40 | 0 |
| Parainfluenza | 659 | 0 |
| Influenza | 805 | 0 |
| <i>B. pertussis</i> | 640 | 0 |

Respiratory

- SARS-CoV-2 was the predominant respiratory pathogen reported.
- The percentage of positive SARS-CoV-2 tests reported *decreased*.

Gastropathogens

- Campylobacter and Salmonella sp. were the top two gastropathogens reported.
- Other reported included EPEC (6.5%) and *P. shigeloides* (1.2%), Astrovirus (<1%), *Vibrio sp.* (<1%) and *Y. enterocolitica* (<1%).

Week Ending June 13, 2020

| GI Pathogen PCR | # Tested | % Positive |
|---------------------|----------|------------|
| Campylobacter | 445 | 2.0 |
| Salmonella | 445 | 1.6 |
| Norovirus | 292 | 1.4 |
| Cryptosporidium | 266 | 1.1 |
| STEC | 385 | <1 |
| Rotavirus | 280 | <1 |
| Giardia | 266 | <1 |
| Sapovirus | 132 | 0 |
| Shigella | 378 | 0 |
| Cyclospora | 123 | 0 |
| <i>E. coli</i> O157 | 160 | 0 |