Laboratory Surveillance Report

Influenza (Week ending April 6, 2019)

National Influenza Update (CDC)
- Nationally, the CDC reported decreasing activity with 15.1% of the 26,127 surveillance specimens testing positive for influenza virus (A and B).
- The majority of influenza viruses detected were influenza A (90.2%). Of those subtyped, an increasing percentage (77%) were influenza A (H3N2) and antigenically distinguishable from the vaccine strain.
- Influenza B activity is low with 9.8% of specimens testing positive for influenza B virus with B-Victoria lineage accounting for 88.9% of the Flu B positives.

Wisconsin Influenza Update
- 4,692 specimens were tested by PCR with 26.9% positive for influenza virus. The majority were influenza A (94%). Of those Flu A’s subtyped, an increasing percentage (71.1%) were influenza A (H3N2) and 28.9% influenza A (H1N1)pdm2009.
- Influenza activity is decreasing.

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. 1 per week).
2. Specimens that fail to subtype (Ct <35) if subtype for 2009 pdmH1 and H3 were performed.

Other Surveillance Data-Wisconsin

### Respiratory

- Human metapneumovirus activity is increasing.

### Gastropathogens

- Rotavirus activity is increasing with 16.3% of the specimens testing positive.
- Other gastropathogens reported included EPEC (3.9%), EAEC (3.4%), ETEC (1.2%), EIEC (1.3%) and Adeno 40/41 (1.0%).
- *Please send WSLH a sampling of Rotavirus positive specimens (e.g. 1 per week maximum).