Laboratory Surveillance Report

Influenza (Week ending April 16, 2016)

National Influenza Update (CDC)
- Nationally, CDC reported decreasing activity with 13.4% of the 16,840 surveillance specimens testing positive for influenza.
- Increasing influenza B activity was noted with 47% of the positives reported nationwide.

Wisconsin Influenza Update
- Influenza activity is decreasing.
- Influenza PCR positivity decreased from 16% to 13.7% in Wisconsin.
- No influenza antiviral resistance has been detected in Wisconsin surveillance specimens.

Surveillance Data Synopsis

- Overall, influenza activity is decreasing in Wisconsin.
- Influenza B accounted for about one quarter of the positives.
- Rhinovirus/enterovirus is the predominant non-influenza respiratory virus.

% Positive for Influenza by PCR (Wisconsin), Week Ending April 16, 2016

Other Surveillance Data-Wisconsin

Gastropathogens
- Norovirus & astrovirus were the predominate gastropathogens reported.
- Please send all Rotavirus positive specimens to WSLH for further characterization.

Surveillance Graphs
- Surveillance graphs are available on our website.

Resp. Pathogen PCR # Tested % Positive
Rhinovirus/enterovirus 411 17.5↑
Human metapneumovirus 427 8.9↓
RSV 491 4.3↓
Adenovirus 212 1.4
Coronavirus 212 <1.0
Parainfluenzavirus 426 0
B. pertussis 164 4.9

GI Pathogen PCR # Tested % Positive
Norovirus 128 9.4
Shigella 105 3.8
Sapovirus 47 2.1
Salmonella 152 1.3
Rotavirus 94 1.1
Campylobacter 152 <1.0
Cryptosporidium 47 0
STEC 94 0
Giardia 47 0
E. coli 0157 47 0

Others reported include Astrovirus (11%), EIEC (3%), EAEC (4%), EPEC (2%), ETEC (2%).

It is no longer necessary to send positive influenza specimens for confirmatory testing with exceptions. Please send:
1. A sampling of specimens from influenza-related hospitalizations.
2. Specimens that fail to subtype (Ct <35) if subtyping for 2009 pdm H1 and H3 were performed.

April 25, 2016