

Laboratory Surveillance Report

Influenza (Week ending Dec. 5, 2015)

Surveillance Data Synopsis

- RSV and adenovirus activity is increasing.
- Influenza activity in Wisconsin is sporadic.
- No influenza antiviral resistance has been detected this season.

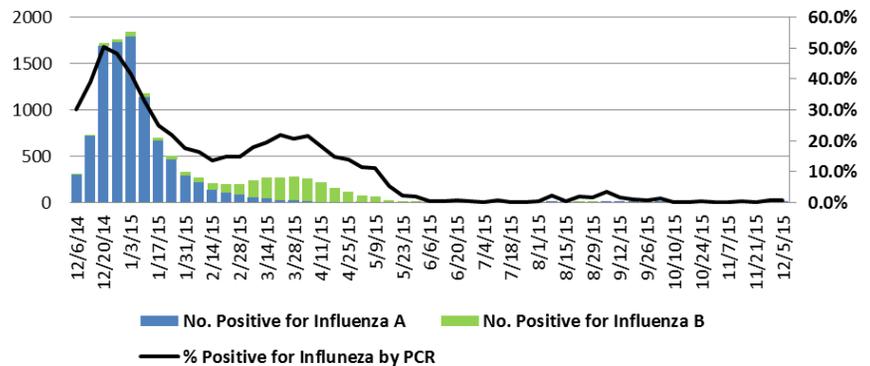
National Influenza Update (CDC)

- Nationally, CDC reported 1.6% of the 11,509 surveillance specimens tested positive for influenza. 66% of the positives reported were influenza A and 34% were influenza B.
- Overall, sporadic influenza activity was reported in 37 U.S. states including Wisconsin.
- No antiviral resistance to the influenza neuraminidase inhibitor drugs has been detected in circulating strains in the U.S.

Wisconsin Influenza Update

- A total of 5 influenza A viruses were detected in the 773 specimens tested (<1%) for influenza by PCR at Wisconsin clinical labs.
- All 5 viruses detected were influenza A.

% Positive for Influenza by PCR (Wisconsin),
Week Ending Dec. 5, 2015



Please send **ALL influenza + rotavirus** positive specimens to WSLH for further characterization.

Other Surveillance Data-Wisconsin

Week Ending December 5, 2015

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/enterovirus	356	19.1
Adenovirus	191	4.7
Parainfluenza	355	2.5
RSV	432	2.3
Coronavirus	150	1.3
Human metapneumovirus	355	<1
<i>B. pertussis</i>	223	4.5

Mumps

- As of Dec. 4, the WI Division of Public Health reported 36 cumulative lab confirmed mumps cases. Most are associated with outbreaks at three University of Wisconsin system campuses (Whitewater, Milwaukee and Platteville).

Surveillance Graphs

- Surveillance graphs are available on our [website](#).

Week Ending December 5, 2015

GI Pathogen PCR	# Tested	% Positive
Norovirus	76	5.3
STEC	120	2.5
Giardia	43	2.3
Shigella	192	2.1
Salmonella	194	1.5
Rotavirus	70	1.4
Campylobacter	194	1.0
Cryptosporidium	43	0
<i>E. coli</i> O157	43	0

Others reported include Sapovirus and Adenovirus 40/41