

# Laboratory Surveillance Report

## Influenza (Week ending Dec. 26, 2015)

### Surveillance Data Synopsis

- RSV activity is increasing.
- Influenza activity in Wisconsin is sporadic.
- The majority of influenza viruses subtyped were 2009 H1N1.

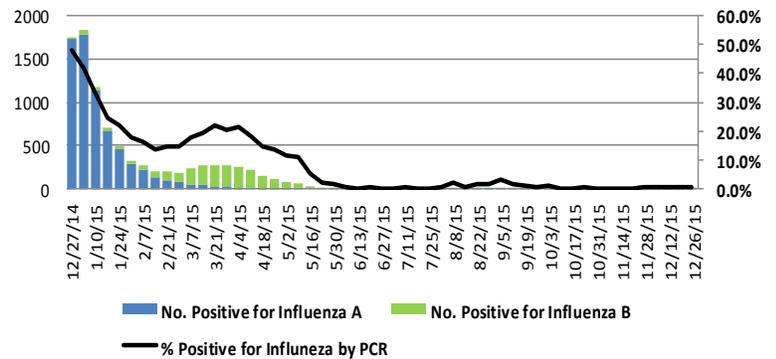
### National Influenza Update (CDC)

- Nationally, CDC reported 2.5% of the 11,448 surveillance specimens tested positive for influenza. 56% of the positives reported were influenza A and 44% were influenza B.
- The predominate subtype was 2009 H1N1 of those subtyped (72%).
- Overall, sporadic influenza activity was reported in 29 U.S. states including Wisconsin. One state (North Carolina) reported widespread influenza activity.

### Wisconsin Influenza Update

- A total of 2 influenza A and 1 influenza B viruses were detected in the 538 specimens tested (<1%) for influenza by PCR at Wisconsin clinical labs.
- One influenza A virus was subtyped as 2009 H1N1.

**% Positive for Influenza by PCR (Wisconsin), Week Ending Dec. 26, 2015**



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

## Other Surveillance Data-Wisconsin

### Week Ending December 26, 2015

Resp. Pathogen PCR	# Tested	% Positive
Rhinovirus/enterovirus	313	12.8
RSV	185	9.4
Parainfluenza	311	3.9
Adenovirus	330	3.2
Coronavirus	142	2.1
Human metapneumovirus	311	1.3
<i>B. pertussis</i>	156	1.9

### RSV

- Surveillance data showed that RSV activity is increasing in Wisconsin. 9.4% of PCR tests and 13.7% of rapid tests were positive for RSV the week ending December 26, 2015.

### Surveillance Graphs

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

### Week Ending December 26, 2015

GI Pathogen PCR	# Tested	% Positive
Norovirus	48	16.7
STEC	29	3.4
Giardia	24	0
Shigella	38	0
Salmonella	59	0
Rotavirus	21	0
Campylobacter	59	0
Cryptosporidium	24	0
<i>E. coli</i> O157	24	0

Others reported include EAEC, EPEC, and Sapovirus.