

# Laboratory Surveillance Report

## Influenza (Week ending March 5, 2016)

### Surveillance Data Synopsis

- RSV activity is decreasing.
- Influenza activity in Wisconsin is increasing and nearing peak levels.
- Human metapneumovirus activity is decreasing.
- Norovirus activity is decreasing.

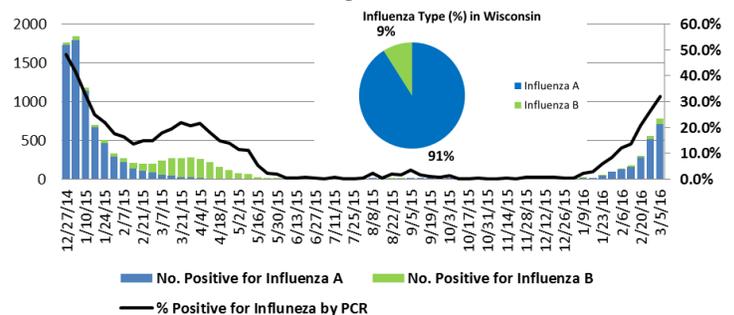
### National Influenza Update (CDC)

- Nationally, CDC reported 20.6% of the 23,910 surveillance specimens tested positive for influenza. 78% of the positives reported were influenza A and 22% were influenza B.
- The predominate subtype nationwide was 2009 pdm H1N1 (91%).
- The vast majority of circulating influenza strains remain susceptible to the antiviral neuraminidase inhibitor drugs with only a couple of sporadic cases of resistance reported this season.

### Wisconsin Influenza Update

- Influenza activity is increasing and nearing peak levels. Influenza PCR positivity increased from 26% to 32% in Wisconsin.
- 99% of the influenza A viruses characterized were subtype pdm 2009 H1N1.

% Positive for Influenza by PCR (Wisconsin),  
Week Ending March 5, 2016



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.

## Other Surveillance Data-Wisconsin

### Week Ending March 5, 2016

Resp. Pathogen PCR	# Tested	% Positive
RSV	989	14.6↓
Human metapneumovirus	788	8.5↓
Rhinovirus/enterovirus	766	5.0
Coronavirus	450	4.0
Adenovirus	450	1.3
Parainfluenza	786	<1.0
<i>B. pertussis</i>	257	<1.0

### RSV & Human metapneumovirus

- Surveillance data showed decreasing RSV and human metapneumovirus activity in Wisconsin.
- For RSV rapid antigen tests, positivity decreased from 29% to 21.6%.

### Surveillance Graphs

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

### Week Ending March 5, 2016

GI Pathogen PCR	# Tested	% Positive
Norovirus	126	11.1↓
Sapovirus	43	4.7
Campylobacter	168	2.4
Cryptosporidium	43	2.3
Salmonella	168	1.2
STEC	94	0
Rotavirus	94	0
Shigella	131	0
Giardia	43	0
<i>E. coli</i> O157	43	0

Others reported include Astrovirus and EPEC.