

# Laboratory Surveillance Report

## Surveillance Data Synopsis

- Overall influenza activity is decreasing in Wisconsin.
- Influenza peak week was 3/5/2016.
- Influenza B activity is increasing.
- RSV & Human metapneumovirus activity are decreasing.
- Norovirus activity is decreasing.

## Influenza (Week ending March 19, 2016)

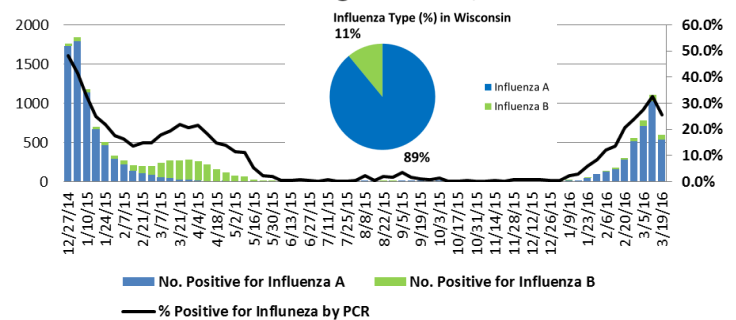
### National Influenza Update (CDC)

- Nationally, CDC reported 20.1% of the 23,946 surveillance specimens tested positive for influenza. 77% of the positives reported were influenza A and 23% were influenza B.
- Wisconsin reported widespread influenza activity.
- All of the influenza strains characterized at the CDC were well matched with those included in the 2015-2016 influenza vaccine.

### Wisconsin Influenza Update

- Influenza activity is **decreasing**. Influenza PCR positivity decreased from 32% to 26% in Wisconsin.
- 98% of the influenza A viruses characterized were subtype pdm 2009 H1N1.

% Positive for Influenza by PCR (Wisconsin), Week Ending March 19, 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 19, 2016

Resp. Pathogen PCR	# Tested	% Positive
RSV	989	14.5↓
Human metapneumovirus	805	7.5↓
Rhinovirus/enterovirus	723	5.3
Coronavirus	415	4.8
Parainfluenzavirus	801	1.0
Adenovirus	549	<1.0
<i>B. pertussis</i>	424	1.2

### RSV & Human metapneumovirus

- Surveillance data showed decreasing RSV and human metapneumovirus activity in Wisconsin.
- For RSV rapid antigen tests, positivity decreased from 23% to 21%.

### Surveillance Graphs

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

### Week Ending March 19, 2016

GI Pathogen PCR	# Tested	% Positive
Norovirus	115	7.8↓
Shigella	109	2.8
Campylobacter	147	2.7
Salmonella	147	2.0
STEC	92	1.1
Cryptosporidium	43	0
Rotavirus	92	0
Sapovirus	40	0
Giardia	43	0
<i>E. coli</i> O157	43	0

Others reported include Astrovirus and EPEC.