

# Laboratory Surveillance Report

## Influenza (Week ending August 29, 2015)

### Surveillance Data Synopsis

**Rhinovirus/enterovirus were the predominate respiratory viruses detected in Wisconsin.**

**Due to close genetic homology most commercial PCR assays cannot accurately distinguish between rhinovirus & enterovirus.**

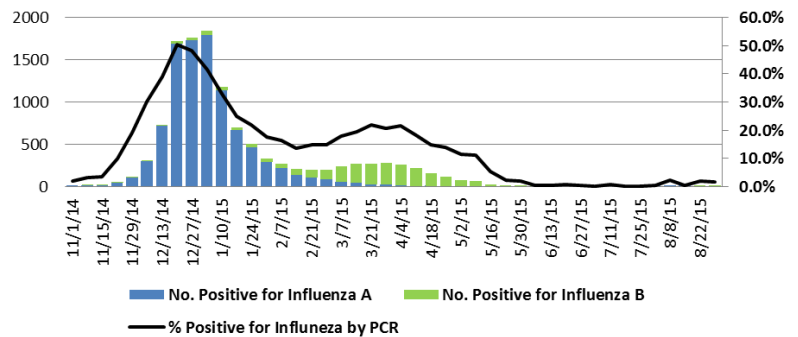
### National Influenza Update (CDC)

- Nationally, CDC reported 1.7% of the 3,764 surveillance specimens tested positive for influenza. Overall, influenza activity is sporadic in the US.
- One novel variant influenza (H3N2v) case was reported in Michigan. No cases of human to human transmission were identified.
- The term influenza “variant” virus refers to when a human becomes infected with a swine origin influenza virus.

### Wisconsin Influenza Update

- 1.7% of the 172 specimens tested positive for influenza by PCR at Wisconsin clinical labs.
- Influenza activity remains sporadic in Wisconsin.

**% Positive for Influenza by PCR (Wisconsin), Week Ending August 29, 2015**



### Surveillance Specimen Requests:

- Please send **ALL INFLUENZA POSITIVE SPECIMENS** to WSLH for further characterization.

### Week Ending August 29, 2015

Resp. Virus	# Tested	% Positive
Rhinovirus/enterovirus	116	18.1
Adenovirus	76	1.3
Parainfluenza	133	<1
Coronavirus	58	0
Human metapneumovirus	133	0
RSV	139	0

## Other Surveillance Data (Wisconsin)

### B. pertussis

- For the week ending August 29, WI clinical labs performing *B. pertussis* PCR reported 6 of 67 specimens tested (9%) were positive for *B. pertussis*.

### Rhinovirus/Enterovirus

- Rhinovirus/enterovirus were the predominate respiratory viruses detected in Wisconsin.

**Number of Specimens Positive and Percent Positive for Enterovirus/Rhinovirus by PCR at Wisconsin Laboratories**

