

# Laboratory Surveillance Report

## Influenza (Week ending December 22, 2012)

### Surveillance Data Synopsis

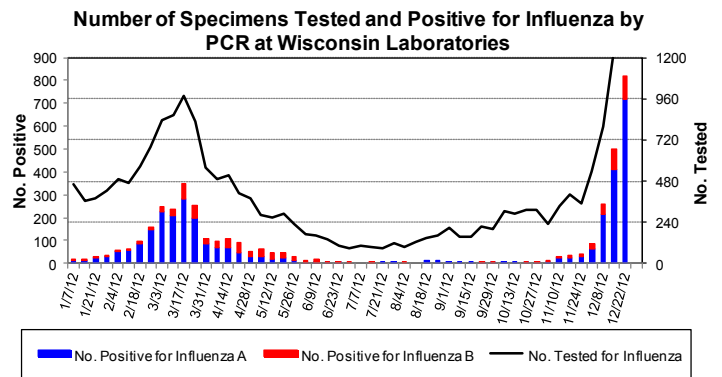
- **Influenza activity is increasing with 48.3% of specimens positive by PCR in Wisconsin.**
- **RSV activity is increasing (6.6%).**
- **Influenza strains circulating are well matched to the influenza vaccine.**
- **Norovirus activity is increasing.**

### Influenza Update (CDC)

- Nationally, influenza activity is increasing. CDC has reported that 29.6% of the 6,234 US surveillance specimens tested were positive for influenza virus.
- 31 states reported widespread influenza activity including Wisconsin.
- There have been no reports of resistance to the influenza antiviral drugs Oseltamivir and Zanamivir.

### Wisconsin Update

- Influenza activity in Wisconsin is increasing with 48.3% of specimens positive by PCR.
- Of the influenza reported, 87% were type A and 13% were B.
- 99% of the influenza A viruses subtyped were seasonal H3.



### Surveillance Specimen Requests:

- It is **no longer necessary to send positive influenza specimens to WSLH** for confirmatory testing due to increasing activity.
- **Please send the following specimens to WSLH:**
  - Influenza-related hospitalizations**
  - Specimens that fail to subtype (Ct <35) if subtyping was performed**

## Other Surveillance Data

### Norovirus

There has been an increase in the number of norovirus-related outbreaks affecting mainly long term care facilities and other institutions in Wisconsin. 47% were genotyped as the novel GII.4 Sydney strain which recently emerged.

### Rotavirus

2.3 % of specimens tested were positive. **Please forward positive Rotavirus specimens to WSLH.**

### Respiratory Viruses

**RSV activity is increasing** with 6.6% of specimens testing positive by PCR and 12.2% by rapid antigen testing.

Virus	# Tested	% Positive
RSV	512	6.6
Parainfluenza	379	5.5
Rhino/Enterovirus	286	5.2
Coronavirus	237	2.5
Adenovirus	286	1.0
Human metapneumovirus	317	<1

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