

Laboratory Surveillance Report

Influenza (Week ending March 8, 2014)

Surveillance Data Synopsis

- Overall influenza activity is decreasing in Wisconsin.

- Influenza B accounted for 11.2% of the Influenza viruses reported.

- RSV activity is at high levels in Wisconsin.

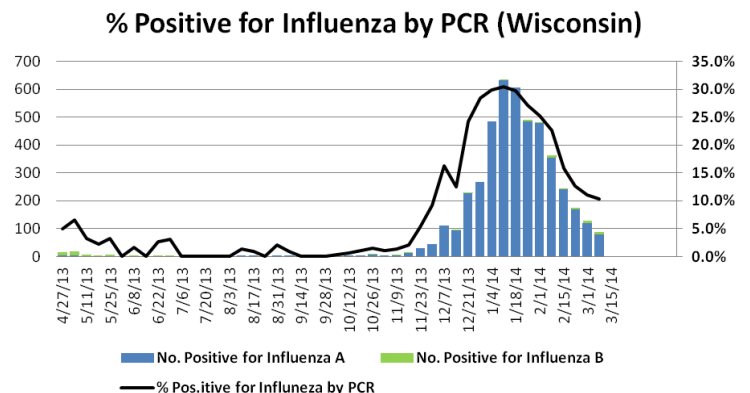
- Human metapneumovirus activity is increasing in Wisconsin.

National Influenza Update (CDC)

- Nationally, CDC reported that 8.4% of the 6,372 surveillance specimens were positive for influenza. Influenza B activity is increasing (32.3% of the total influenza reported).
- 83% of the influenza A viruses subtyped were the 2009H1N1 which has been the predominant subtype throughout the 2013-2014 season.
- Overall influenza activity is decreasing. The number of states reporting widespread activity decreased to 4. Wisconsin activity was classified as *localized*.

Wisconsin Update

- Surveillance data showed decreasing activity with 10.3% of the 862 specimens testing positive for influenza by PCR.
- Influenza B accounted for 11.2% of the influenza viruses detected by PCR in Wisconsin.



Surveillance Specimen Requests:

Due to increasing activity it is no longer necessary to send influenza rapid testing positive specimens for confirmatory testing

- Please send the following specimens to WSLH:
 1. Influenza-related hospitalizations
 2. Specimens that fail to subtype (Ct <35) if subtyping was performed (e.g. 2009 H1N1 & H3).

Week Ending March 8, 2014

| Virus | # Tested | % Positive |
|------------------------|----------|------------|
| RSV | 294 | 20.1 |
| Human metapneumovirus | 182 | 11.5 |
| Rhinovirus/enterovirus | 182 | 5.5 |
| Coronavirus | 127 | 3.9 |
| Adenovirus | 158 | <1 |
| Parainfluenza | 182 | 0 |

Other Surveillance Data (Wisconsin)

- RSV activity remained at peak levels in Wisconsin with 20.1% of specimens testing positive by PCR and 29.3% by rapid antigen testing.

- Human metapneumovirus activity increased with 11.5% of specimens testing positive by PCR.

