

Laboratory Surveillance Report

Influenza (Week ending March 22, 2014)

Surveillance Data Synopsis

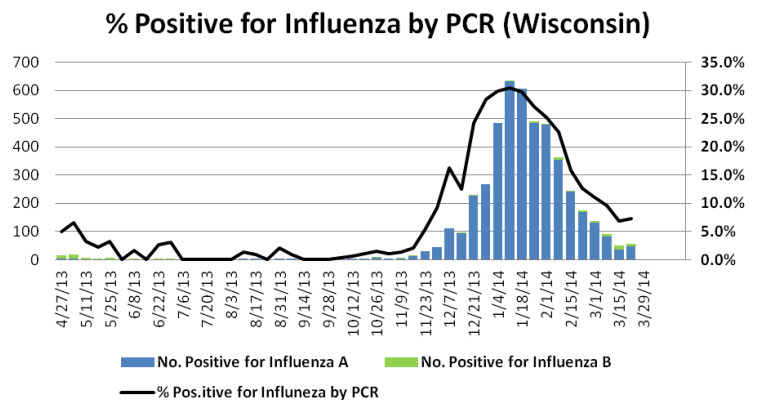
- Overall influenza activity continues to decrease in Wisconsin.
- Influenza antiviral resistance remains low nationwide.
- RSV and human metapneumovirus activity are both reported at high levels in Wisconsin.

National Influenza Update (CDC)

- Nationally, CDC reported that 11.5% of the 4,977 surveillance specimens were positive for influenza. Influenza B activity is increasing (39.1% of the total influenza reported).
- Influenza antiviral surveillance showed that 1.2% of the 2009H1N1 were resistant to the neuraminidase inhibitor drug Oseltamivir this season. No resistance was reported for seasonal influenza A(H3) or for influenza B.
- Overall influenza activity is decreasing. Wisconsin activity was classified as *sporadic*

Wisconsin Update

- Statewide surveillance data showed 7.3% of the 751 specimens testing positive for influenza by PCR.
- A small increase of influenza B activity (16.4% of the total influenza positives) was noted.



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 22, 2014

| Virus | # Tested | % Positive |
|------------------------|----------|------------|
| RSV | 369 | 17.9 |
| Human metapneumovirus | 271 | 13.7 |
| Rhinovirus/enterovirus | 242 | 7.0 |
| Coronavirus | 183 | 6.0 |
| Parainfluenza | 268 | 1.5 |
| Adenovirus | 215 | 0 |

NEW

Please send all rotavirus positive specimens to WSLH for characterization.

Other Surveillance Data (Wisconsin)

- RSV activity remains high with 17.9% of specimens testing positive by PCR.
- Rotavirus activity is low with 3.1% of the 65 specimens testing positive.

