

# Laboratory Surveillance Report

## Influenza (Week ending April 4, 2015)

### Surveillance Data Synopsis

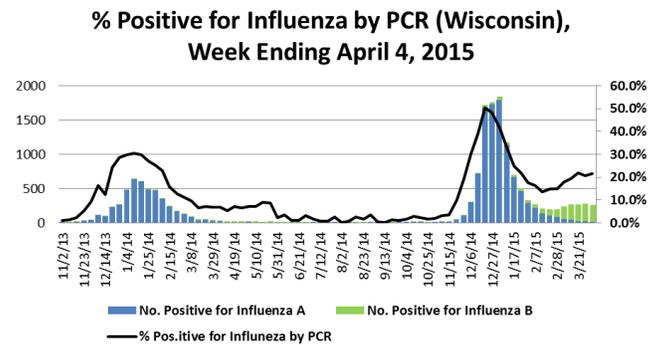
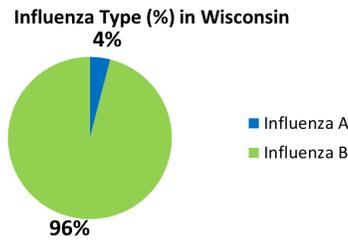
- **Influenza B is widespread in Wisconsin.**
- **RSV activity is declining.**
- **Human metapneumovirus activity is increasing.**

### National Influenza Update (CDC)

- Nationally, CDC reported 10.7% of the 10,684 surveillance specimens tested positive for influenza. Influenza B was the predominate influenza virus reported.
- According to CDC, 69.8% of the influenza B viruses characterized belonged to the B-Yamagata lineage and is a close match to the vaccine strain.
- No antiviral resistance to the neuraminidase inhibitor drugs has been reported in the influenza A (H3) and influenza B viruses this season.

### Wisconsin Influenza Update

- Surveillance data showed influenza B activity at increased levels in Wisconsin. 21.5% of the 1,256 specimens tested positive for influenza by PCR.



It is **NO** longer necessary to send positive influenza specimens to WSLH. Please send:

- A sampling of influenza-related hospitalizations.
- Specimens that fail to subtype (Ct <35) if subtyping for 2009H1 and H3 were performed.

### Week Ending April 4, 2015

| Resp. Virus            | # Tested | % Positive |
|------------------------|----------|------------|
| RSV                    | 548      | 9.1        |
| Human metapneumovirus  | 422      | 8.3        |
| Rhinovirus/Enterovirus | 345      | 8.1        |
| Parainfluenza          | 411      | 4.6        |
| Coronavirus            | 181      | 1.7        |
| Adenovirus             | 264      | 1.5        |

## Other Surveillance Data (Wisconsin)

### Norovirus

- A large number of norovirus outbreaks continue to be reported in Wisconsin from a variety of short and long term care settings.

### Human metapneumovirus

- Human metapneumovirus activity is increasing.
- 8.3% of the specimens tested were positive by PCR.

