

# Laboratory Surveillance Report

## Influenza (Week ending April 19, 2014)

### Surveillance Data Synopsis

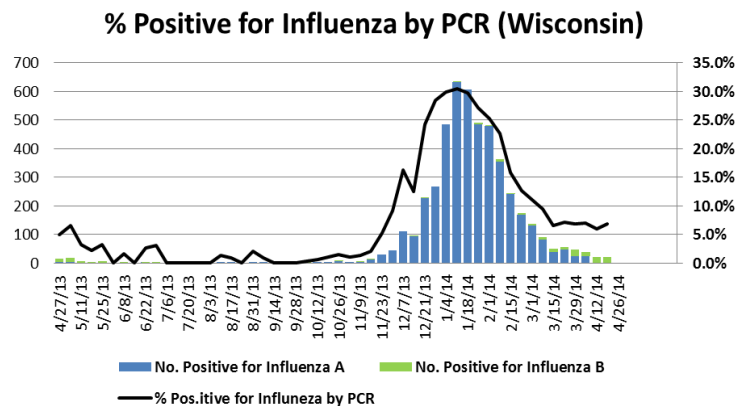
- Overall influenza activity continues to decrease.
- The majority of influenza cases reported were influenza B.
- A total of 18 mumps virus cases were confirmed at WSLH by PCR since April 1, 2014.

### National Influenza Update (CDC)

- Nationally, CDC reported declining activity with 12.0% of the 5,061 surveillance specimens were positive for influenza.
- Influenza B accounted for the majority of influenza detected in the US (56.1% of the total influenza reported).
- National surveillance data shows that the vast majority of influenza viruses remain susceptible to the neuraminidase inhibitor drugs Oseltamivir and Zanamivir.

### Wisconsin Update

- Statewide surveillance data showed influenza B activity slowly increasing.
- 6.9% of the 363 specimens testing positive for influenza by PCR.
- The majority of influenza viruses detected in Wisconsin were influenza B (88%).



### 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 April 19, 2014

Virus	# Tested	% Positive
Rhinovirus/enterovirus	149	14.1
Human metapneumovirus	178	11.8
RSV	212	5.2
Parainfluenza	175	3.4
Coronavirus	97	3.1
Adenovirus	120	<1.0

## Other Surveillance Data (Wisconsin)

- **Mumps:** A total of 18 mumps cases were confirmed by PCR at WSLH from April 1 to April 25, 2014. The majority of cases have been detected in college age students (Range: 18 to 28). All cases have been genotype G.
- **RSV:** Surveillance data showed RSV activity declining in Wisconsin.

