

# Laboratory Surveillance Report

## Influenza (Week ending March 2, 2013)

### Surveillance Data Synopsis

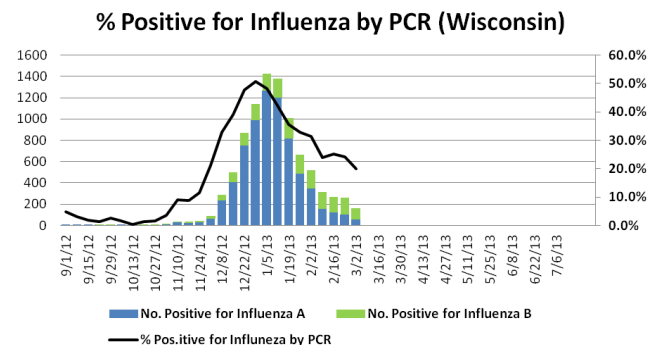
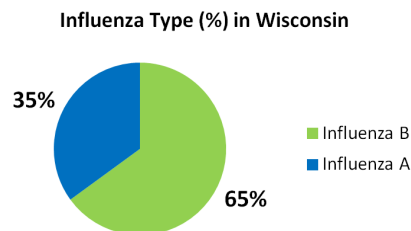
- Overall, influenza activity continues to decrease.
- Influenza B is the predominate influenza virus in Wisconsin.
- RSV activity is decreasing (21.6%)
- B. pertussis activity is decreasing.

### Influenza Update (CDC)

- Nationally, influenza activity continues to decline. CDC reported that 17.2% of the 6,259 US surveillance specimens tested were positive for influenza virus.
- There was a decline to 9 states that reported widespread influenza activity. Wisconsin reported localized activity.
- At the beginning of the season influenza A (H3N2) viruses have predominated; however, recently the proportion of influenza B has been increasing.

### Wisconsin Update

- Wisconsin labs reported that 20% of the 795 specimens tested positive for influenza virus by PCR.
- Influenza B is the predominate influenza virus circulating.



### Surveillance Specimen Requests:

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

### Week Ending March 2, 2013

Virus	# Tested	% Positive
RSV	449	21.6
Rhinovirus/enterovirus	230	6.1
Human metapneumovirus	253	3.2
Coronavirus	194	2.1
Parainfluenza	334	<1
Adenovirus	230	<1

## Other Surveillance Data

### RSV

RSV activity is decreasing from 25% to 21.6% of specimens testing positive by PCR.

### B. pertussis

According to the WDPH, B. pertussis activity in Wisconsin has been declining (Figure 1).

Figure 1. Number of reported confirmed and probable cases of pertussis by week of cough onset, Wisconsin, January 1, 2011 through February 28, 2013

