

Laboratory Surveillance Report

Influenza (Week ending March 16, 2013)

Surveillance Data Synopsis

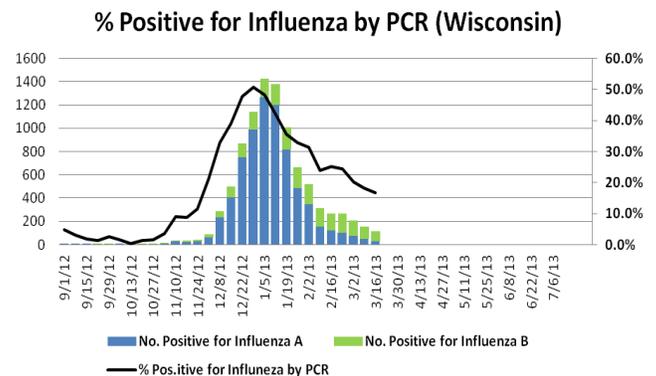
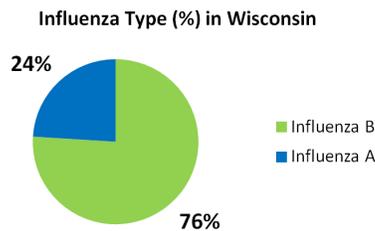
- **RSV activity remains at high levels in Wisconsin.**
- **Overall, influenza activity continues to decrease.**
- **Influenza B is the predominate influenza virus in Wisconsin.**
- **Human metapneumovirus detections are increasing.**

Influenza Update (CDC)

- Nationally, influenza activity continues to decline. CDC reported that 16.3% of the 5,526 US surveillance specimens tested were positive for influenza virus.
- According to CDC data, the cumulative influenza-related hospitalization rate was 40.6 per 100,000 population. 51% were among adults 65 years or older.
- The majority of influenza viruses circulating are susceptible to the antiviral drugs Oseltamivir and Zanamivir; however, sporadic cases of resistance have been reported.

Wisconsin Update

- Wisconsin labs reported that 16.6% of the 710 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 16, 2013

| Virus | # Tested | % Positive |
|------------------------|----------|------------|
| RSV | 348 | 24.1 |
| Rhinovirus/enterovirus | 170 | 4.7 |
| Human metapneumovirus | 174 | 4.6 |
| Parainfluenza | 250 | 2.0 |
| Coronavirus | 158 | 1.9 |
| Adenovirus | 158 | <1 |

Other Surveillance Data

RSV

RSV activity remains at high levels. 24.1% of specimens testing positive by PCR.

Norovirus

Norovirus activity remains high in Wisconsin with numerous outbreaks reported primarily in long term care settings.

