

Laboratory Surveillance Report

Influenza (Week ending May 17, 2014)

Surveillance Data Synopsis

- **Rhinovirus/Enterovirus was the predominate respiratory virus detected in Wisconsin.**
- **A total of 44 mumps virus cases were confirmed through May 21, 2014.**
- **Norovirus activity also declined from the seasonal winter peak.**

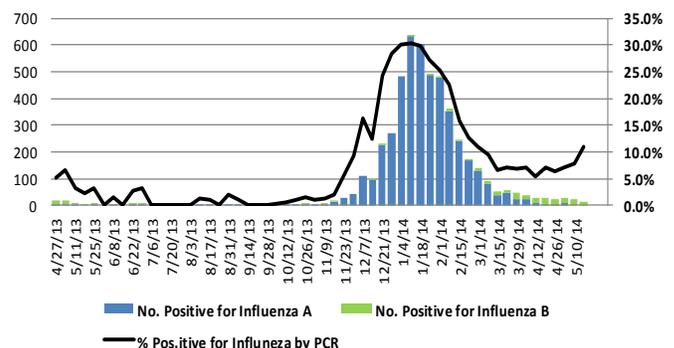
National Influenza Update (CDC)

- Nationally, CDC reported declining activity with 8.7% of the 3,885 surveillance specimens testing positive for influenza. Overall, influenza activity is in decline.
- Widespread activity was still reported from two east coast states (NY & MA).
- For the 2013-2014 season, 99.8% of the 2009H1N1 and 95.3% of H3N2 viruses characterized at CDC matched the vaccine component strains.
- Antiviral surveillance data showed that the vast majority of influenza viruses were susceptible to the neuraminidase inhibitor drugs. Rare sporadic resistance was detected in 1.2% of the 2009 H1N1 viruses tested nationally.

Wisconsin Update

- 10.9% of the 156 specimens testing positive for influenza by PCR.
- The majority of influenza viruses detected in Wisconsin were influenza B (82%).

% Positive for Influenza by PCR (Wisconsin)



Surveillance Specimen Requests:

NEW

- Beginning on June 1, please send **ALL INFLUENZA POSITIVE SPECIMENS** to WSLH for further characterization.

Week Ending May 17, 2014

Virus	# Tested	% Positive
Rhinovirus/enterovirus	91	13.2
Human metapneumovirus	91	4.4
Parainfluenza	91	4.4
Coronavirus	91	1.1
Adenovirus	91	1.1
RSV	98	0

Other Surveillance Data (Wisconsin)

Mumps Outbreak:

- According to the WI Division of Public Health, a total of 44 lab confirmed mumps cases from 6 counties (29-Dane, 10-Milwaukee, 2-Waukesha, 1-Racine, 1-Brown and 1-LaCrosse) through May 21, 2014.
- 26 cases (59%) were associated with Universities.
- Age range 6 months to 52 years. The median age is 22 years.

Confirmed Mumps Cases by Date of Onset, Wisconsin
March 15- May 17, 2014 (n=44)²

