



Weekly Influenza Surveillance Report
CDC Week 47 November 18th-November 24th, 2012

In Brief:

Mortality

Confirmed deaths from Pneumonia/Influenza Week 47: **4**
 Percent of deaths due to Pneumonia/Influenza Week 47: **13.79%**

Influenza-Like Illness Surveillance

Sentinel Site ILI rate -Week 47 Ending November 24th: **.98%**

Pneumonia Hospital Admissions

Week 47 Ending November 24th: **8**
 Previous Week 46 Ending November 17th: **16**

Note: Numbers include 2 hospitals and are one week behind due to reporting methods.

School Attendance Due to revision of data collection reporting methods, information is currently not available.

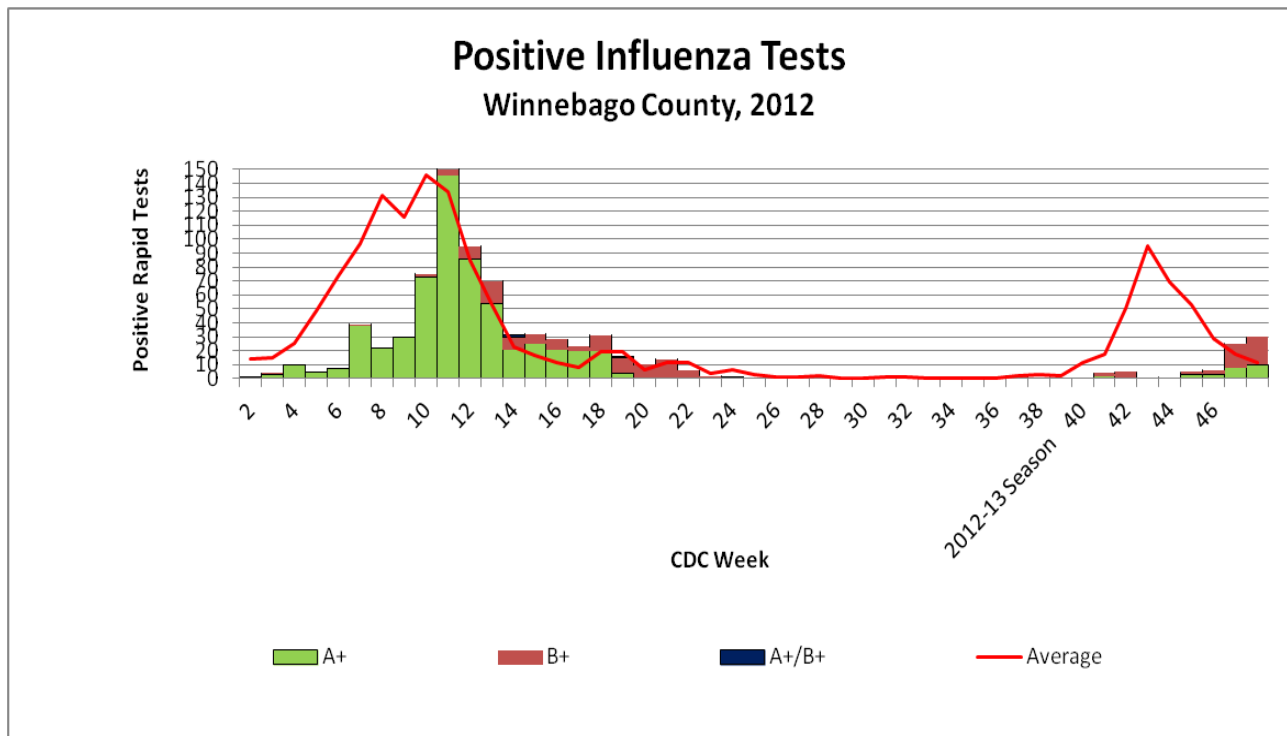


Figure 1 displays the current number of rapid flu cases reported to WCHD and broken down by influenza sub-typing compared to a 4-year historical average (the red line). The average is elevated due to the inclusion of H1N1 data from 2009. 76 total positive rapid flu cases have been reported for the 2012-2013 flu season. 30 cases of influenza have been reported for week 47.

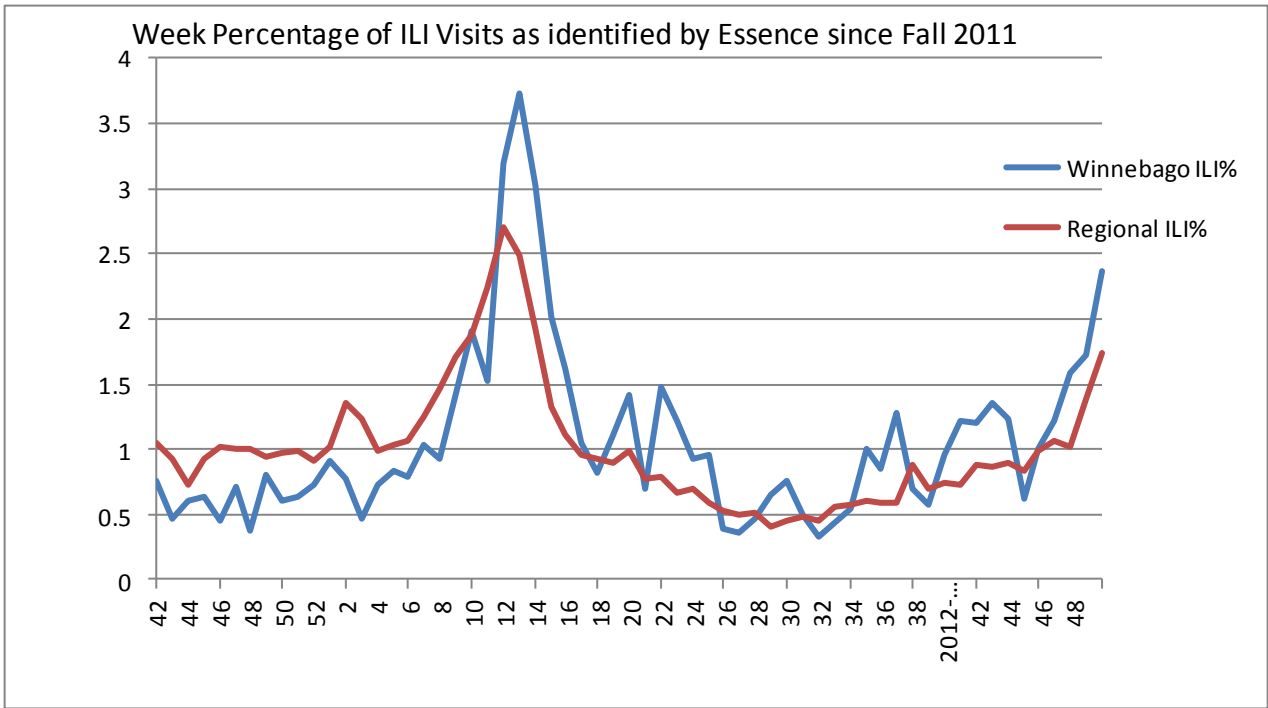


Figure 2 displays the weekly percentage of Influenza-Like Illness (ILI) as identified by the Essence Syndromic Surveillance System. The blue line shows the percentage of ILI Emergency Department visits in Winnebago County from our two participating hospitals and the red line shows the regional ILI percentage for counties participating in Essence. This graph displays the most current Essence data, which is through CDC Week 48. ILI for CDC Week 48 for Winnebago County is **2.36 %** , compared with Regional ILI at **1.74%**

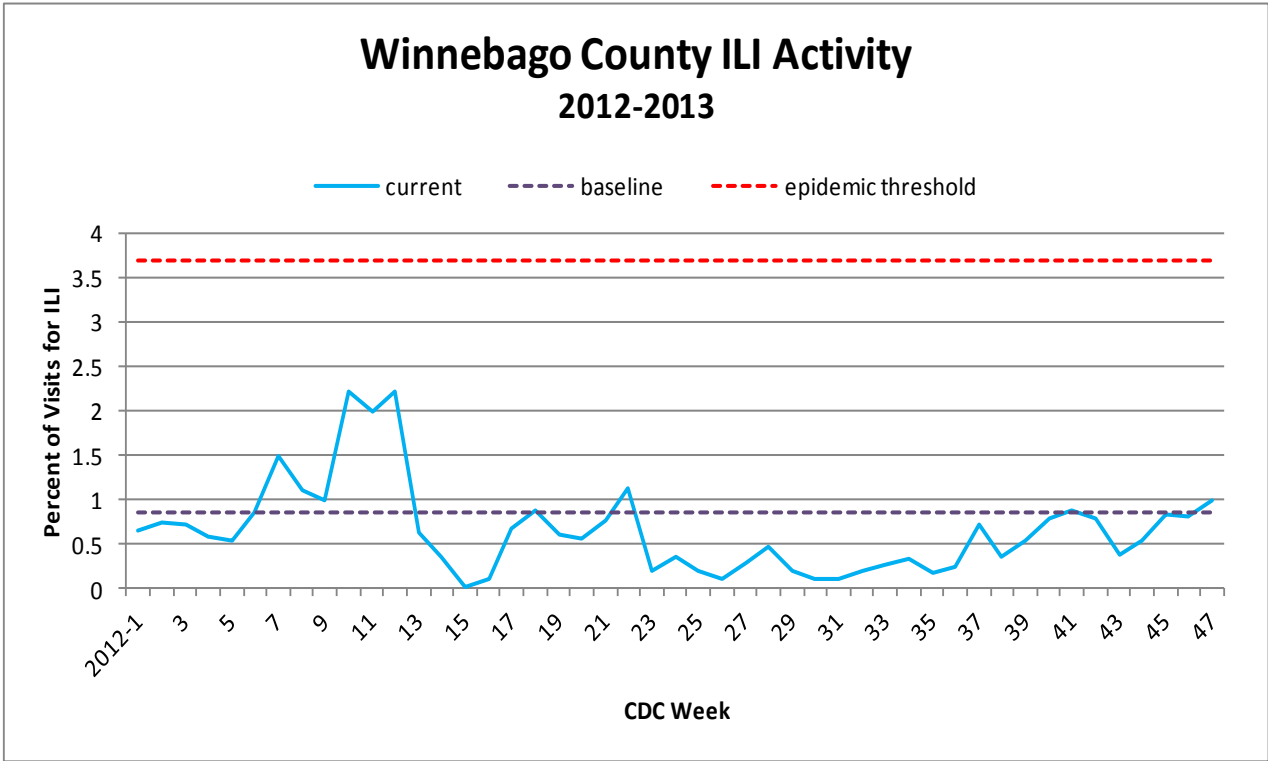


Figure 3 is the representation of visits from our sentinel sites not participating in Essence for ILI. ILI activity among the three sites for CDC Week 47 was: **0.98 %**

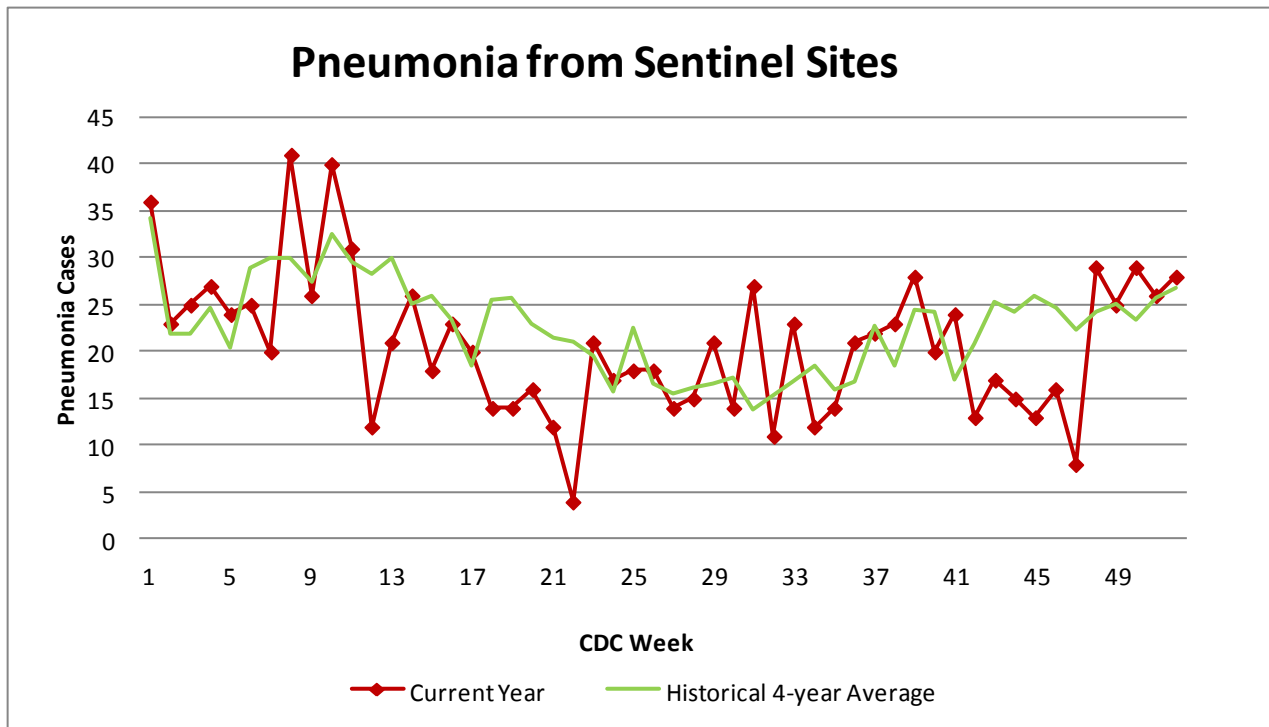


Figure 4 compares the current number of pneumonia hospital admissions (red line) against the 4-year historical average (the green line). For CDC Week 47, we have 8 total hospital admittances reported. Note that all data are preliminary and numbers for weeks 45, 46, and 47 are still arriving.

Outside the County:

Regional Influenza Activity (as of Week 47)

During week 47, the following influenza activity was reported:

- Widespread influenza activity was reported by 4 states (Alaska, Mississippi, New York, and South Carolina).
- Regional influenza activity was reported by 7 states (Alabama, Idaho, Iowa, Maine, Massachusetts, North Carolina, and Ohio).
- Local influenza activity was reported by 19 states (Arkansas, Colorado, Connecticut, Georgia, Illinois, Kansas, Kentucky, Louisiana, Minnesota, Missouri, Oregon, Rhode Island, South Dakota, Tennessee, Texas, Utah, Virginia, Wisconsin and Wyoming).
- Sporadic influenza activity was reported by the District of Columbia, and 18 states (Arizona, California, Florida, Hawaii, Indiana, Maryland, Michigan, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, North Dakota, Oklahoma, Pennsylvania, Washington, and West Virginia).
- No influenza activity was reported by Guam and 1 state (Vermont). Puerto Rico, the U.S. Virgin Islands, and 1 state (Delaware) did not report.



**Questions/
Comments?**

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Public Health
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ILI Activity Level (Influenza Like Illnesses reported Week 47)

Illinois is Minimal on the scale