



Winnebago County Health Department



Weekly Influenza Surveillance Report CDC Week 46 November 13th–November 19th, 2011

In Brief:

Mortality

Confirmed deaths from Pneumonia/Influenza Week 46: **6**

Percent of deaths due to Pneumonia/Influenza Week 46: **10.34%**

Influenza-Like Illness Surveillance

Sentinel Site ILI rate -Week 46 ending November 19th: **0.43%**

Pneumonia Hospital Admissions

Week 46 Ending November 19th: **21**

Previous Week 45 Ending November 12th: **24**

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

School Attendance

Week 46 Ending November 19th: **94.51%**

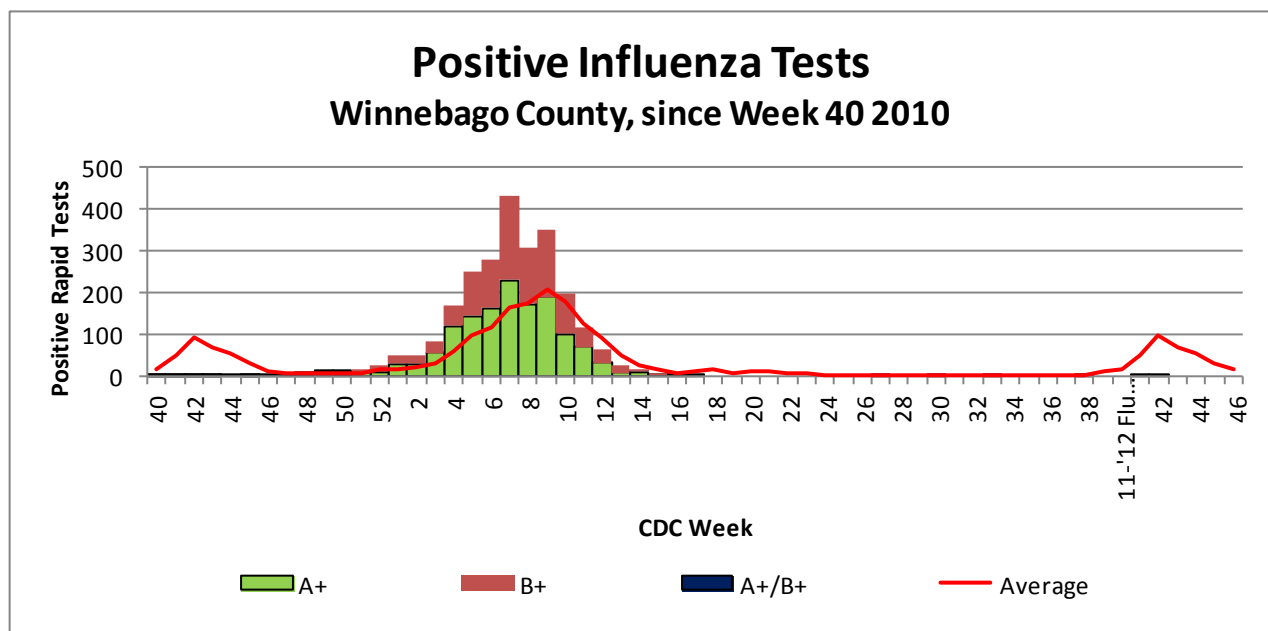


Figure 1 displays the current number of rapid flu cases reported to our department and broken down by influenza sub-typing compared to a 4-year historical average (the red line). 6 total A positive rapid flu cases have been reported for the 2011-12 flu season. No cases have been reported for Week 46 which is well below the historical average of 12.5 cases.

Weekly Percentage of Visits as Identified by Essence

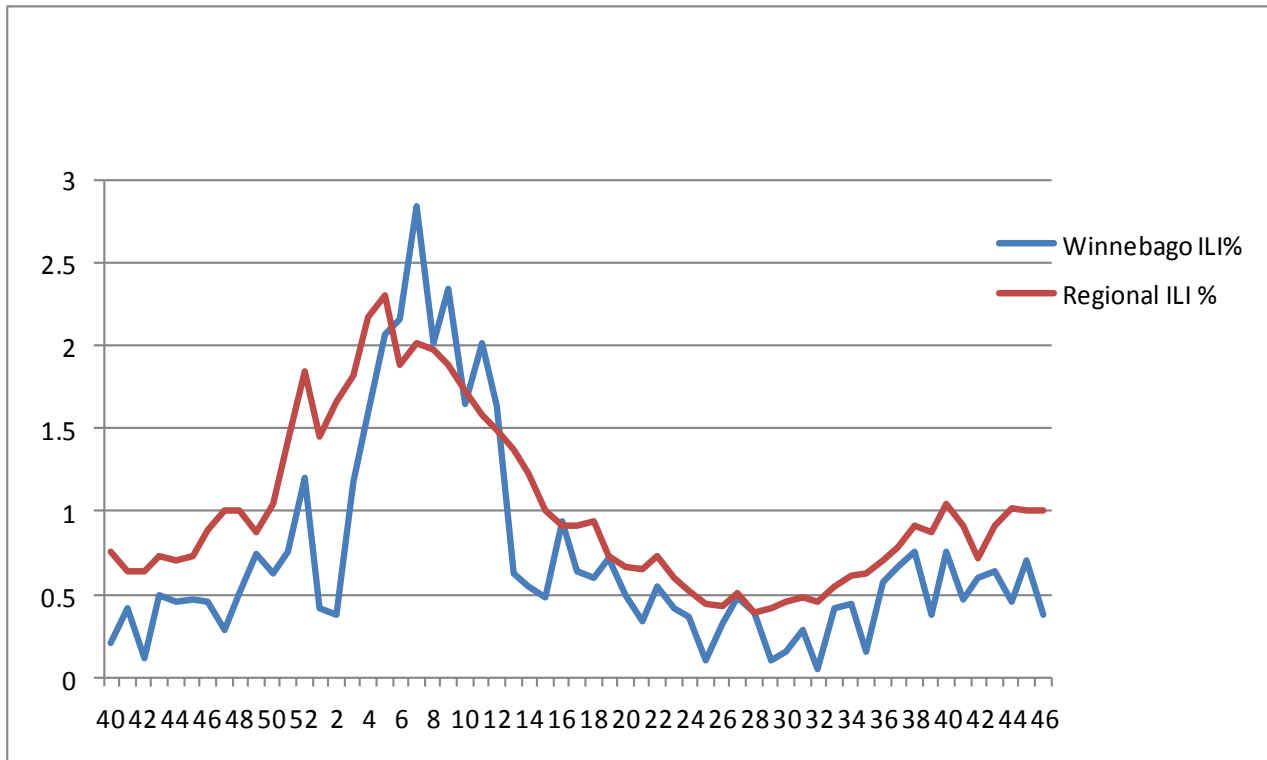


Figure 2 displays the weekly percentage of Influenza-Like Illness (ILI) as identified by the Essence Syndromic Surveillance System. The blue line shows percentage of ILI Emergency Department visits in Winnebago County from our two participating hospitals and the red line shows the regional ILI percentage for all counties participating in ESSENCE. For CDC Week 46, Winnebago county reported an ILI percent of **0.38**, below the regional ILI percent of **1**.

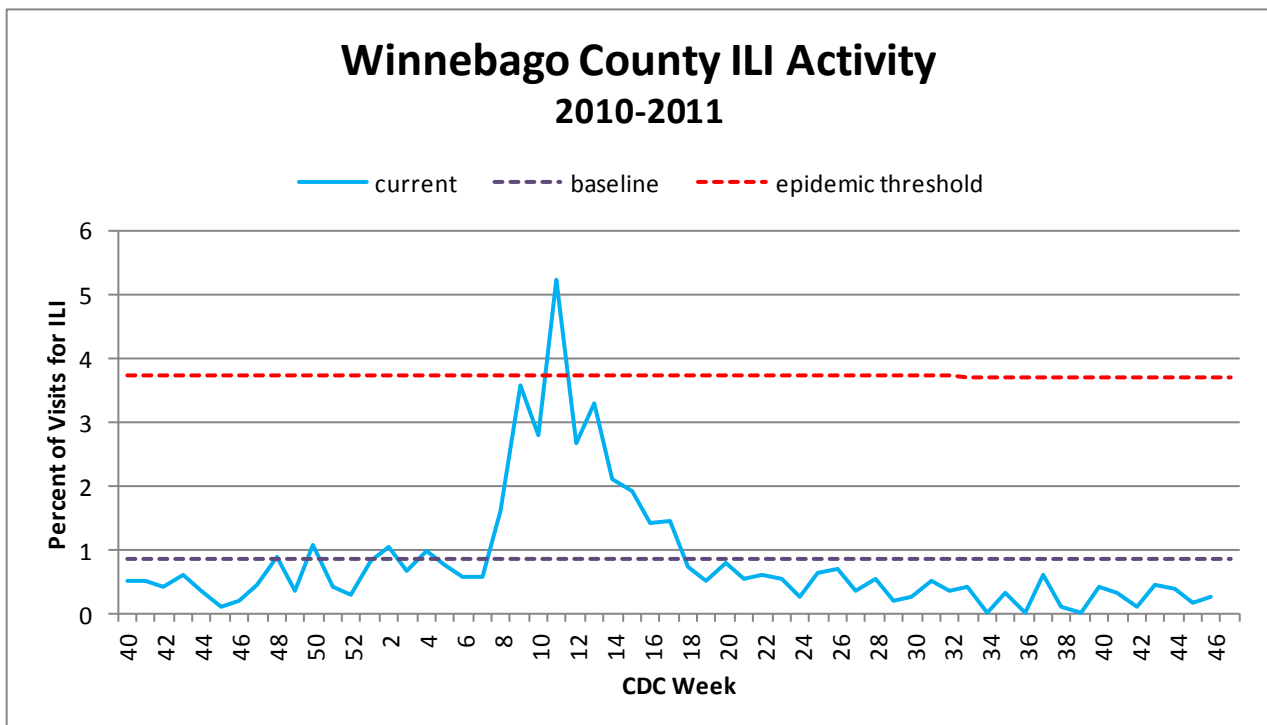


Figure 3 is the representation of all visits from our sentinel sites not participating in Essence for ILI. ILI activity was very low at 0.43% among the three sites for CDC Week 46.

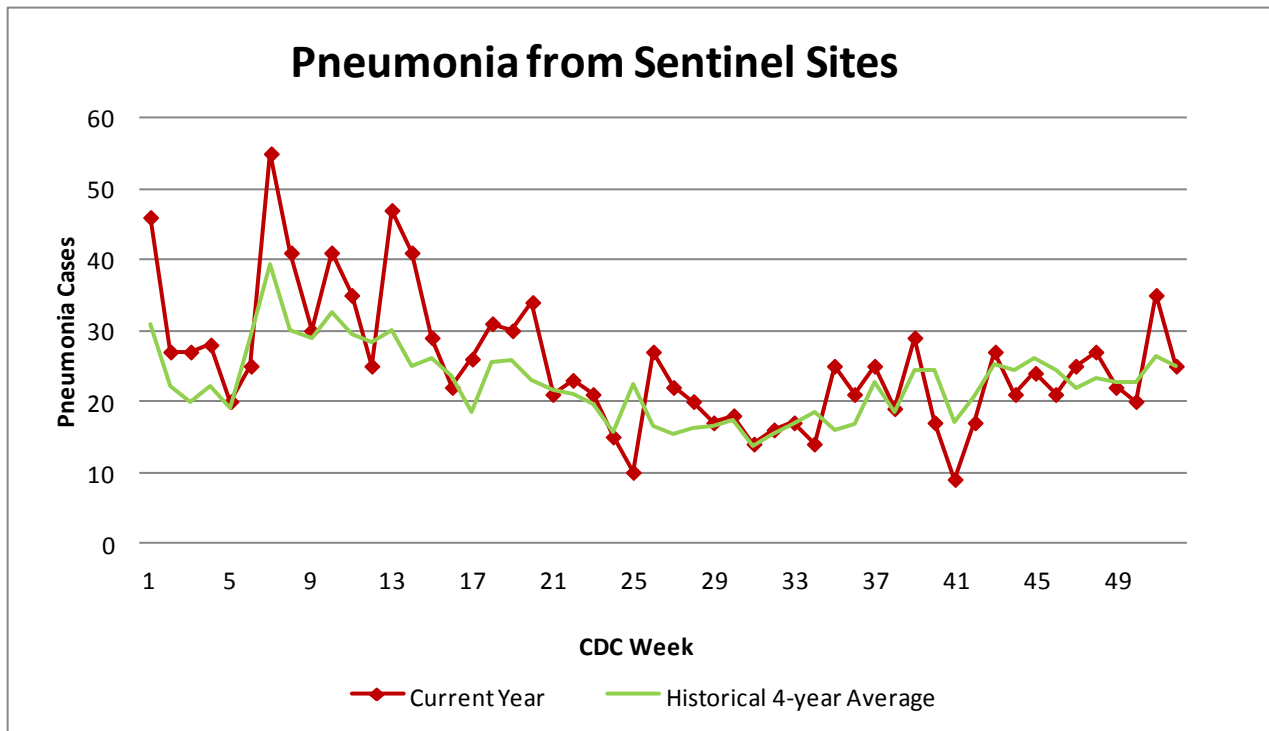


Figure 4 compares the current number of pneumonia hospital admissions (red line) against the 4-year historical average (the green line). For CDC Week 46, we are slightly below the 4-year historical average of 24.5 with 21 total hospital admittances reported. Note that all data are preliminary and numbers for weeks 44, 45, and 46 for 2011 are still arriving.

Outside the County:

Illinois influenza activity (as of Week 46):

Illinois reported Sporadic INFLUENZA ACTIVITY

During week 46, the following influenza activity was reported:

- Sporadic influenza activity was reported by the District of Columbia, Guam, Puerto Rico, and 26 states (Alaska, Arkansas, California, Colorado, Connecticut, Florida, Hawaii, Illinois, Indiana, Iowa, Kentucky, Louisiana, Massachusetts, Minnesota, Nevada, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Texas, Utah, Virginia, Wisconsin, and Wyoming).
- No influenza activity was reported by the U.S. Virgin Islands and 24 states (Alabama, Arizona, Delaware, Georgia, Idaho, Kansas, Maine, Maryland, Michigan, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, North Dakota, New Mexico Oklahoma, Oregon, South Dakota, Tennessee, Vermont, Washington, and West Virginia).



Questions/Comments?

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ILI Activity Level (Influenza like Illnesses reported Week 46)

Illinois is **MINIMAL** on the scale