



Weekly Influenza Surveillance Report CDC Week 1 January 1st-January 7th, 2012

In Brief:

Mortality

Confirmed deaths from Pneumonia/Influenza Week 1: **2**
Percent of deaths due to Pneumonia/Influenza Week 1: **3.77%**

Influenza-Like Illness Surveillance

Sentinel Site ILI rate -Week 1 ending January 7th: **1.14%**
(only 2 sites reporting)

Pneumonia Hospital Admissions

Week 1 Ending January 1th: **35**
Previous Week 52 Ending December 31st: **28**
Note: Numbers include 2 hospitals and are one week behind due to reporting methods.

School Attendance

Week 1 Ending January 7th: **99.7%**

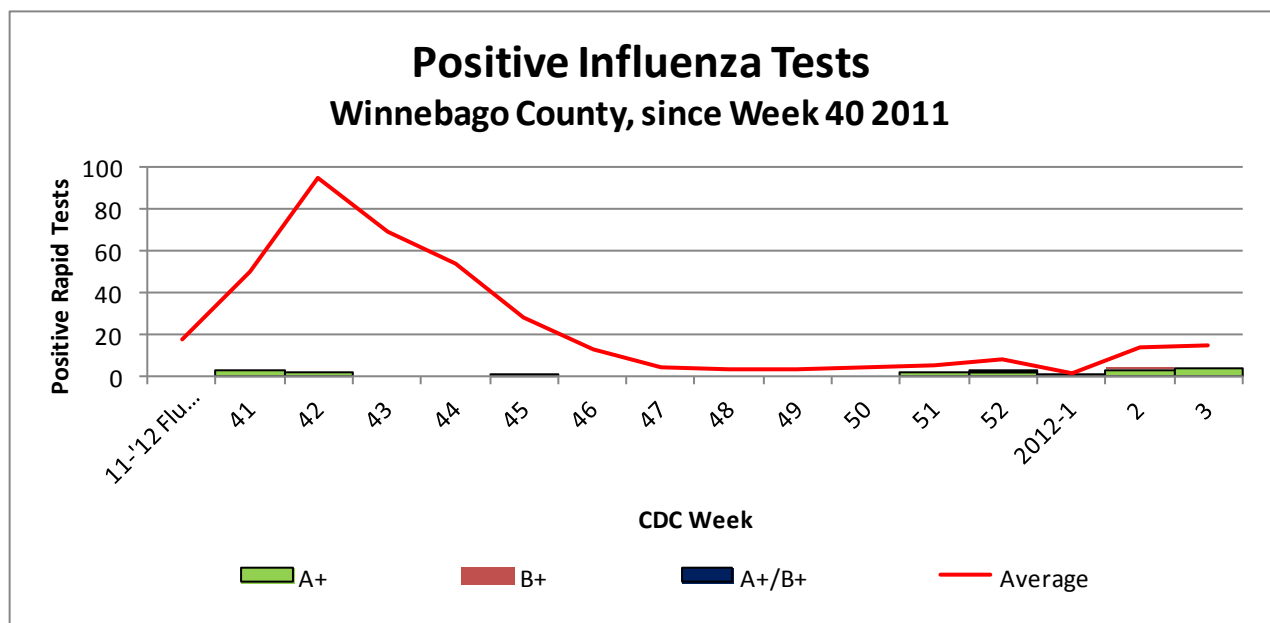


Figure 1 displays the current number of rapid flu cases reported to our department and broken down by influenza sub-typing compared to a 4-year historical average (the red line). 11 total A positive rapid flu cases and 1 A/B positive have been reported for the 2011-12 flu season. 1 case of Influenza A has been reported for Week 1 which is below the historical average of 13.5 cases.

Weekly Percentage of Visits as Identified by Essence

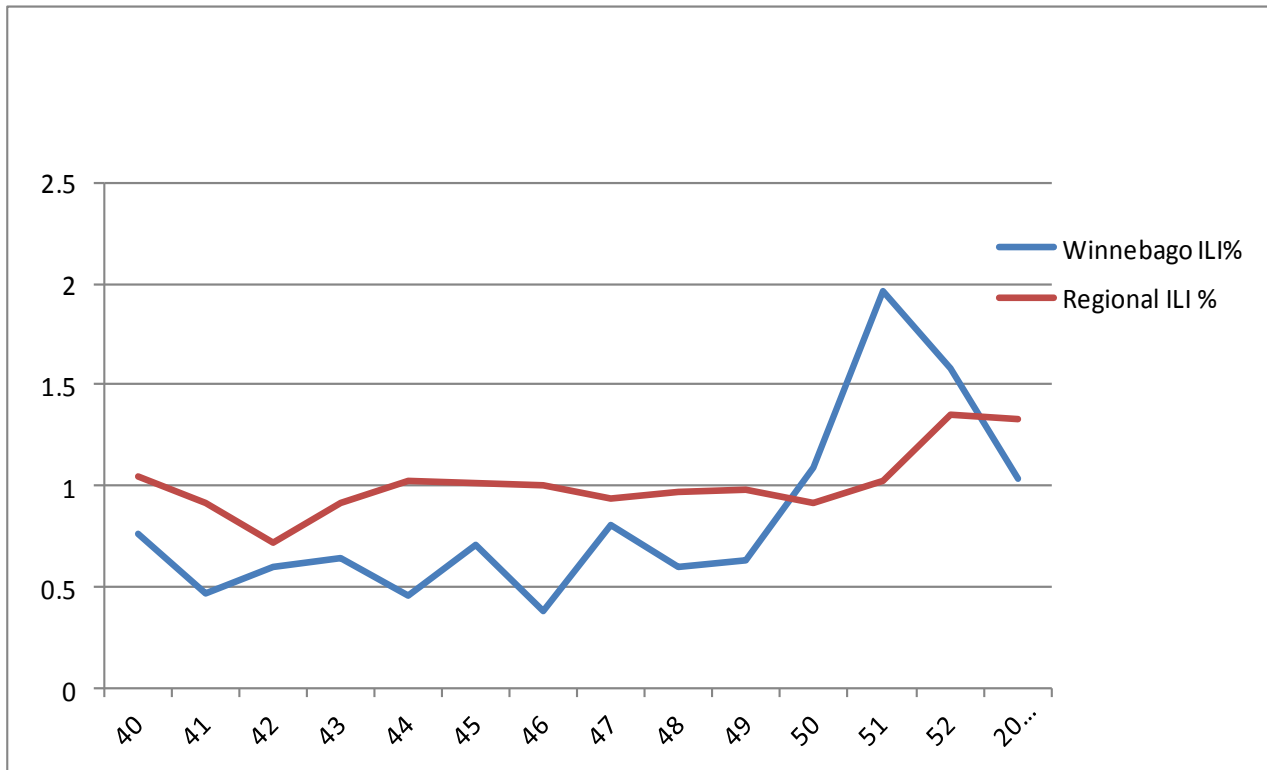


Figure 2 displays the weekly percentage of Influenza-Like Illness (ILI) as identified by the Essence Syndromic Surveillance System. The blue line shows the percentage of ILI Emergency Department visits in Winnebago County from our two participating hospitals and the red line shows the regional ILI percentage for all counties participating in ESSENCE. For CDC Week 1, Winnebago County reported an ILI percent of **1.03 (only one hospital reporting)**, lower than the regional ILI percent of **1.33**.

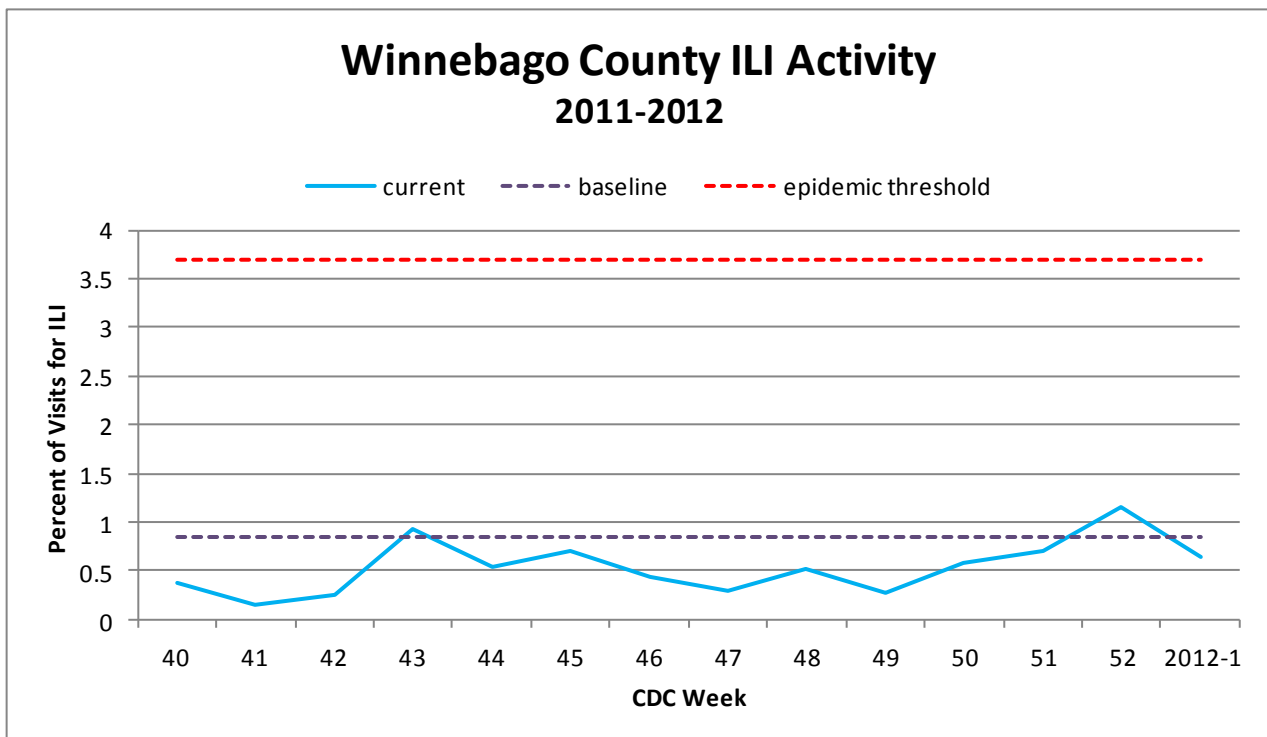


Figure 3 is the representation of all visits from our sentinel sites not participating in Essence for ILI. ILI activity among the three sites for CDC Week 1 was 0.64%. Only 2 sites reported ILI rates for this week.

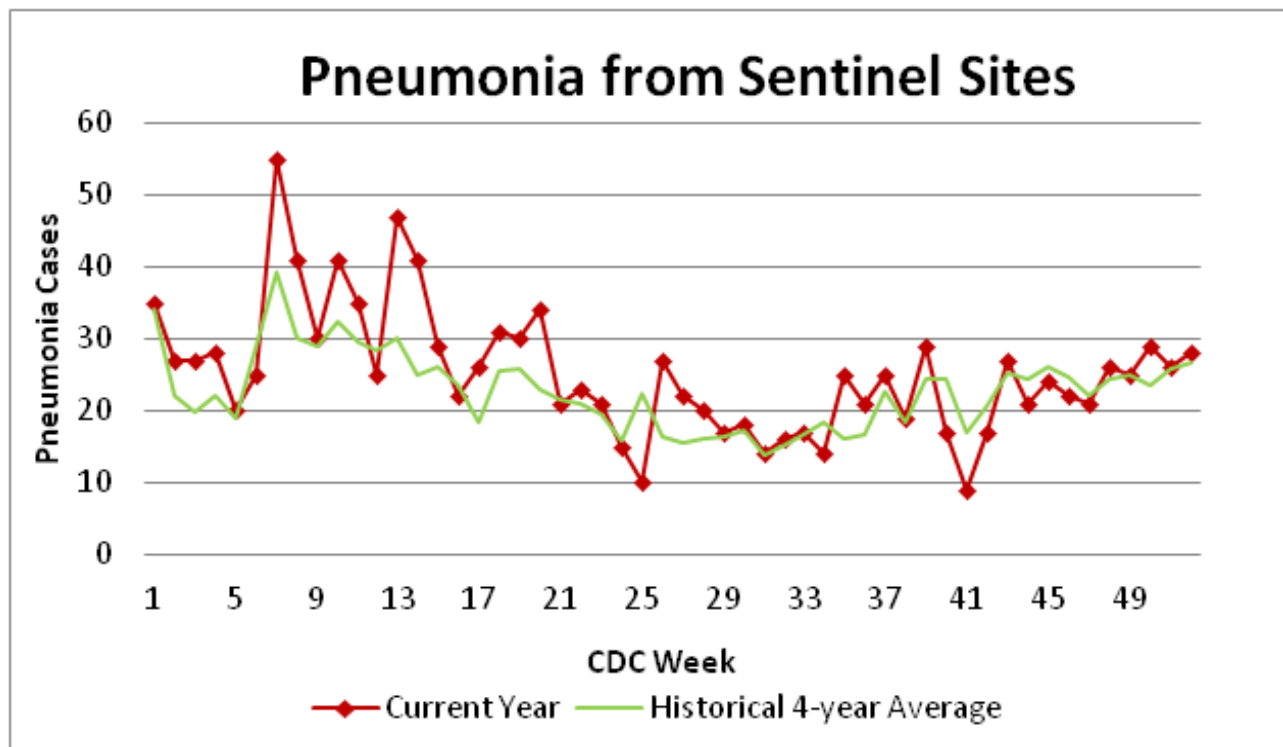


Figure 4 compares the current number of pneumonia hospital admissions (red line) against the 4-year historical average (the green line). For CDC Week 1, we are slightly above the 4-year historical average of 34 with 35 total hospital admittances reported. Note that all data are preliminary and numbers for weeks 51 and 52 for 2011 and week 1 for 2012 are still arriving.

Outside the County:

Illinois influenza activity (as of Week 1):

Illinois reported Sporadic INFLUENZA ACTIVITY

During week 1, the following influenza activity was reported:

- Regional influenza activity was reported by two states (Colorado and New Hampshire).
- Local influenza activity was reported by seven states (California, Georgia, Kentucky, Massachusetts, Oregon, Texas, and Virginia).
- Sporadic influenza activity was reported by 37 states (Alabama, Alaska, Arizona, Arkansas, Connecticut, Florida, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Mexico, New York, North Carolina, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Utah, Vermont, Washington, Wisconsin, and Wyoming).
- No influenza activity was reported by the District of Columbia, Guam, the U.S. Virgin Islands and four states (Delaware, New Jersey, Oklahoma, and West Virginia).
- Puerto Rico did not report.



Questions/Comments?

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ILI Activity Level (Influenza like Illnesses reported Week 1)

Illinois is **Minimal** on the scale