

Weekly Influenza Surveillance Report CDC Week 2 January 6th-January 12th, 2013

In Brief:

Mortality

Confirmed deaths from Pneumonia Week 2: **5**

Percent of deaths due to Pneumonia Week 2: **6.25%**

Influenza-Like Illness Surveillance

Sentinel Site ILI rate -Week 2 Ending January 12th: **3.8%**

Note: Only 2 sentinel sites reporting for Week 2

Pneumonia Hospital Admissions

Week 2 Ending January 12th: **26**

Previous Week 1 Ending January 5th: **63**

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

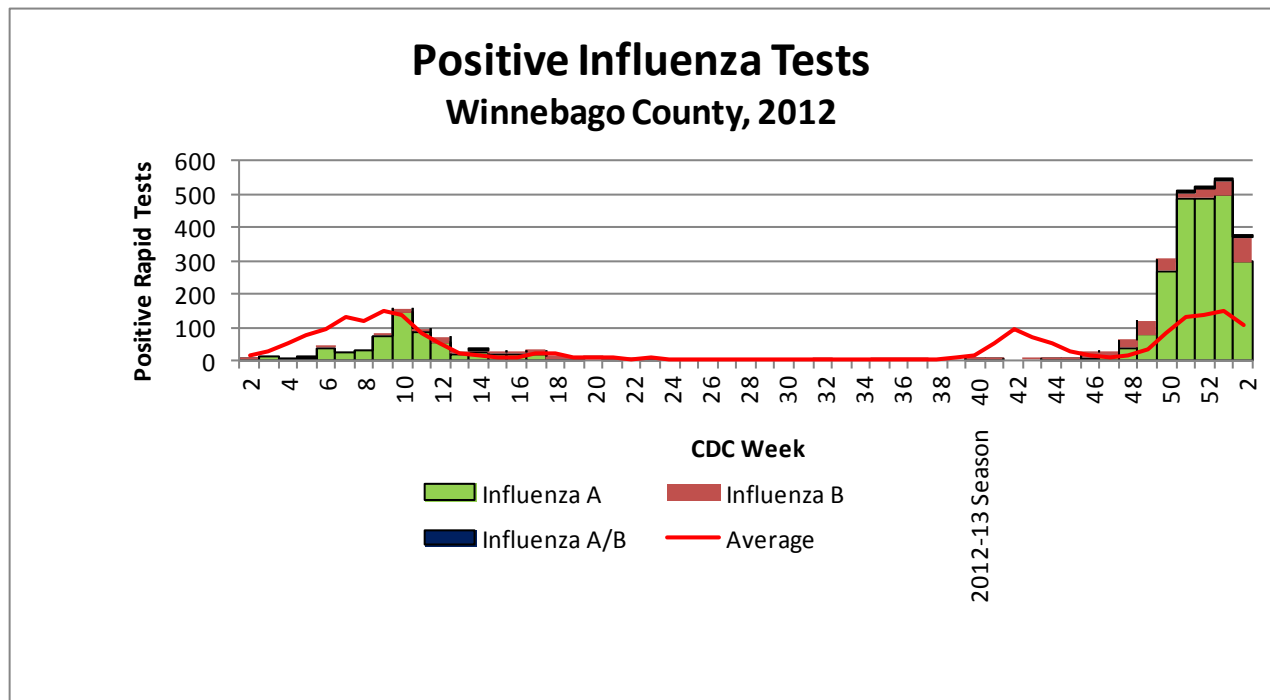


Figure 1 displays the current number of rapid flu cases reported to WCHD and broken down by influenza sub-typing compared to a 4-year historical average (the red line). The average is elevated due to the inclusion of H1N1 data from 2009. 2511 total positive rapid flu cases have been reported for the 2012-2013 flu season. 375 cases of influenza have been reported for week 2. One hospital reduced their influenza testing beginning January 9th, and began triaging clients. Clients with influenza like symptoms were screened and offered treatment for influenza. The decline in positive tests may reflect the reduction in influenza testing conducted.

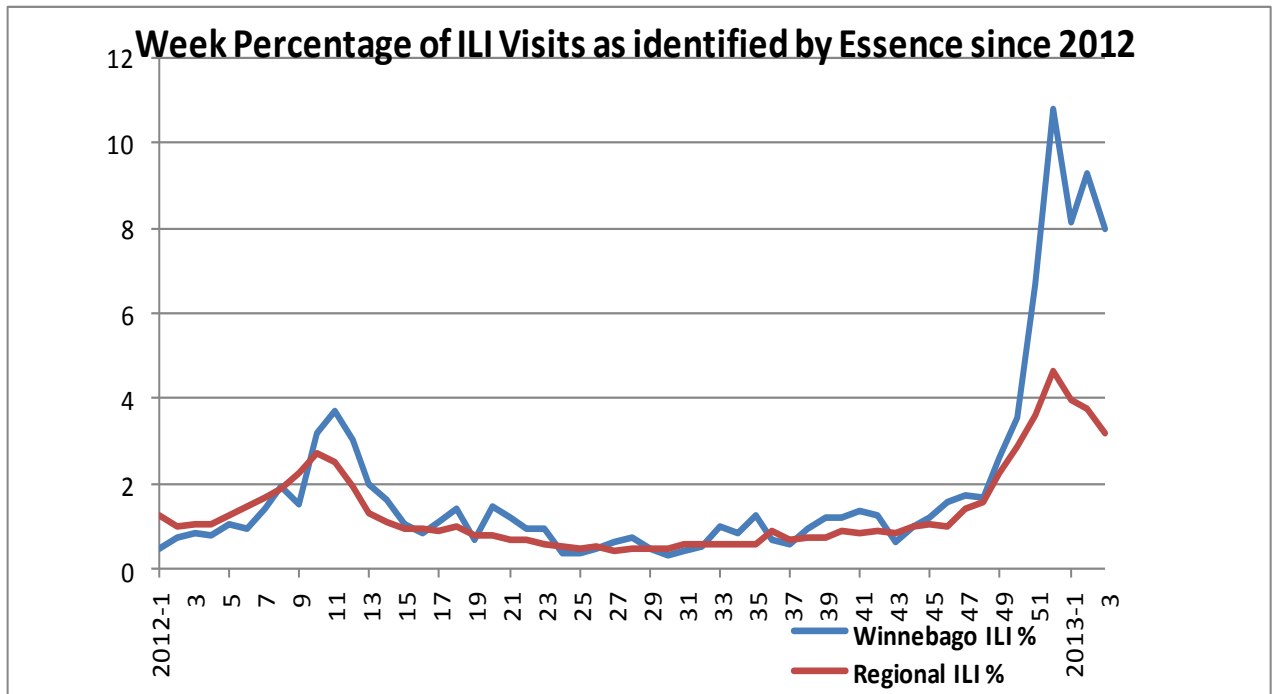


Figure 2 displays the weekly percentage of Influenza-Like Illness (ILI) as identified by the Essence Syndromic Surveillance System. The blue line shows the percentage of ILI Emergency Department visits in Winnebago County from our two participating hospitals and the red line shows the regional ILI percentage for counties participating in Essence. This graph displays the most current Essence data, which is through CDC Week 3. ILI for CDC Week 3 for Winnebago County is **7.97 %**, compared with Regional ILI at **3.17%** .

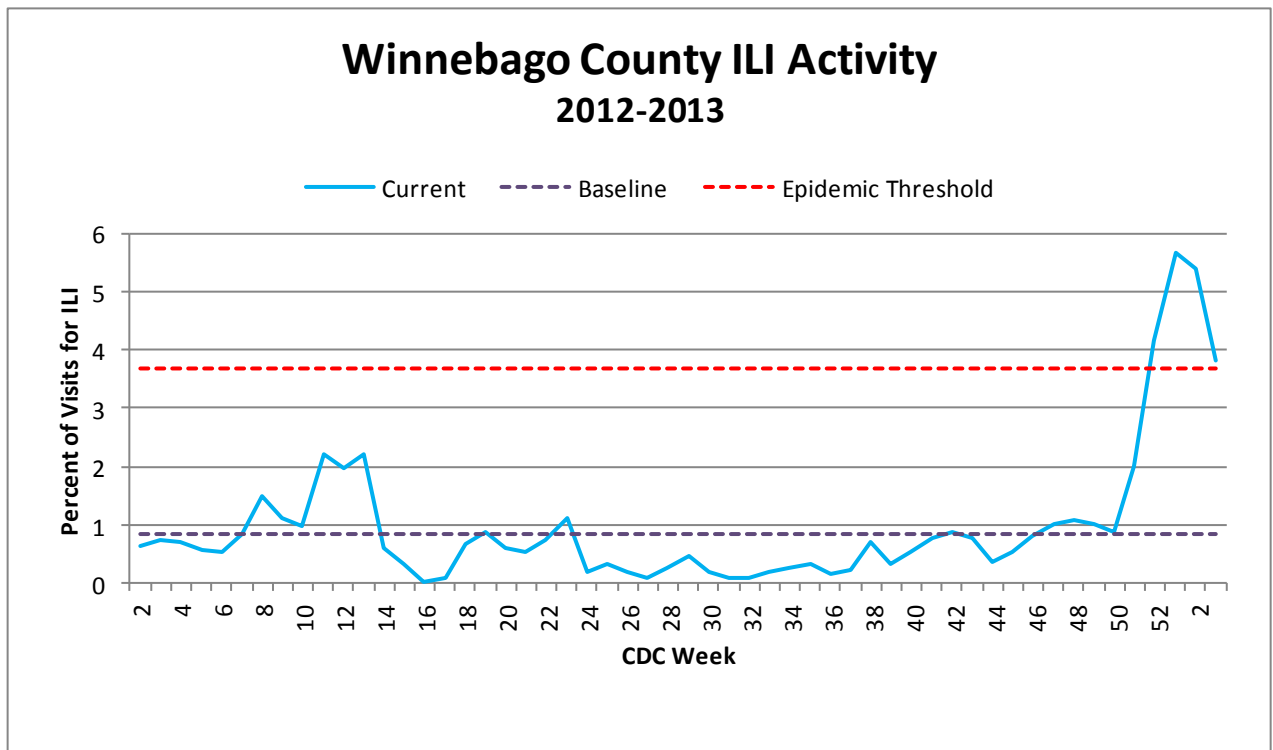


Figure 3 is the representation of visits from our sentinel sites not participating in Essence for ILI. ILI activity among the two sites reporting for CDC Week 2 was: **3.8%**

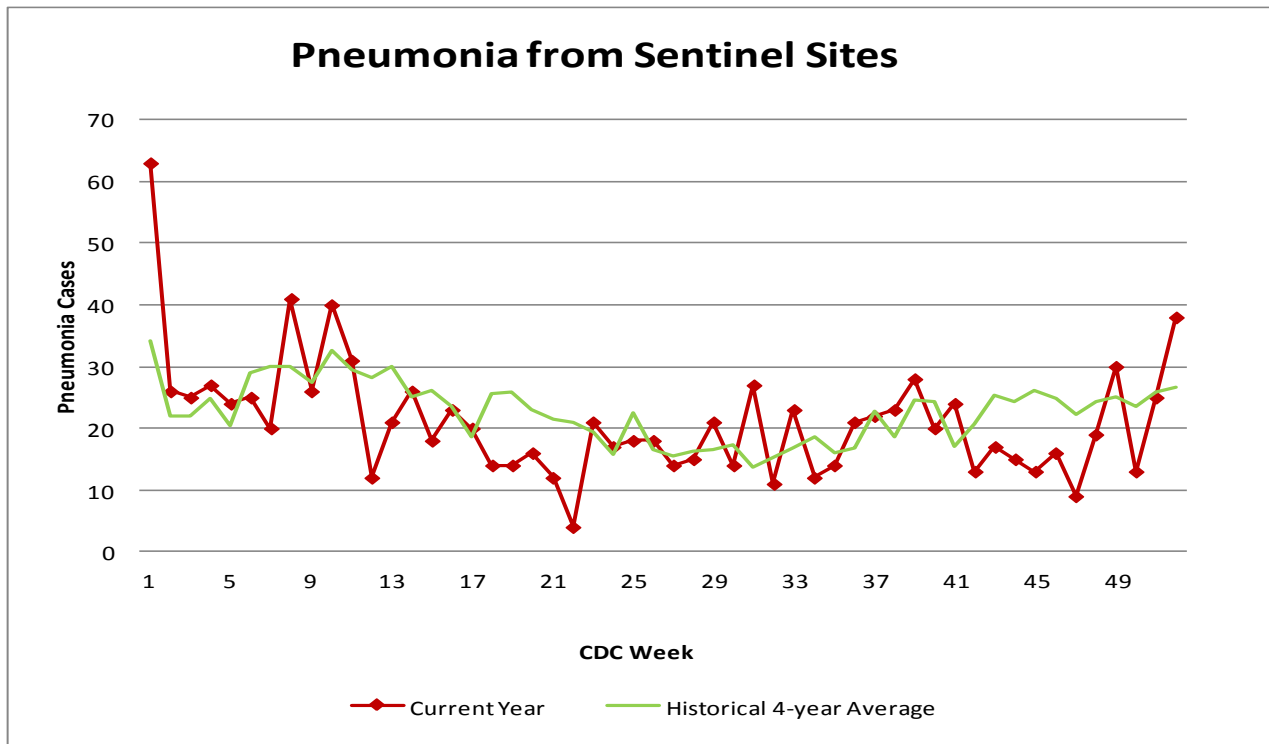


Figure 4 compares the current number of pneumonia hospital admissions (red line) against the 4-year historical average (the green line). For CDC Week 2, we have 26 total hospital admittances reported. Note that all data are preliminary and numbers for weeks 52, 1, and 2 are still arriving.

***Outside the County:
Regional Influenza Activity (as of Week 2)***

During week 2, the following influenza activity was reported:

- Widespread influenza activity was reported by 48 states (Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Kentucky, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming).
- Regional influenza activity was reported by 2 states (Hawaii and Tennessee).
- The District of Columbia reported local influenza activity.
- Sporadic influenza activity was reported by 1 state (Hawaii).
- Guam reported no influenza activity.



**Questions/
Comments?**

Health Promotion and
Protection
Winnebago County
Health Department
PO Box 4009
401 Division Street



Public Health
Prevent. Promote. Protect.

ILI Activity Level (Influenza Like Illnesses reported Week 2)

Illinois is HIGH on the scale