

Weekly Influenza Surveillance Report
CDC Week 52 December 23rd-December 29th, 2012

In Brief:

Mortality

Confirmed deaths from Pneumonia/Influenza Week 52: **3**

Percent of deaths due to Pneumonia/Influenza Week 52: **5.66%**

Influenza-Like Illness Surveillance

Sentinel Site ILI rate -Week 52 Ending December 29th: **5.39%**

Note: Only 2 sentinel sites reporting for Week 52

Pneumonia Hospital Admissions

Week 52 Ending December 29th: **38**

Previous Week 51 Ending December 15th: **20**

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

School Attendance Due to revision of data collection reporting methods,

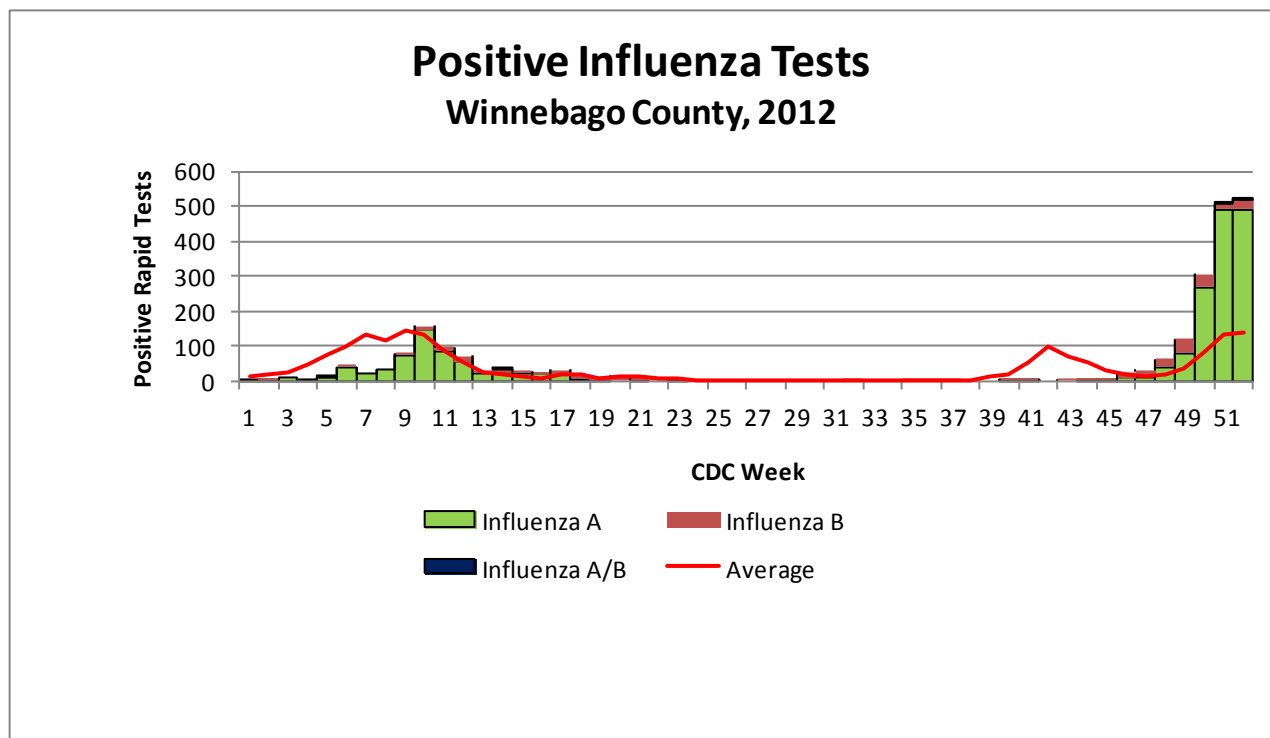


Figure 1 displays the current number of rapid flu cases reported to WCHD and broken down by influenza sub-typing compared to a 4-year historical average (the red line). The average is elevated due to the inclusion of H1N1 data from 2009. 1593 total positive rapid flu cases have been reported for the 2012-2013 flu season. 523 cases of influenza have been reported for week 52.

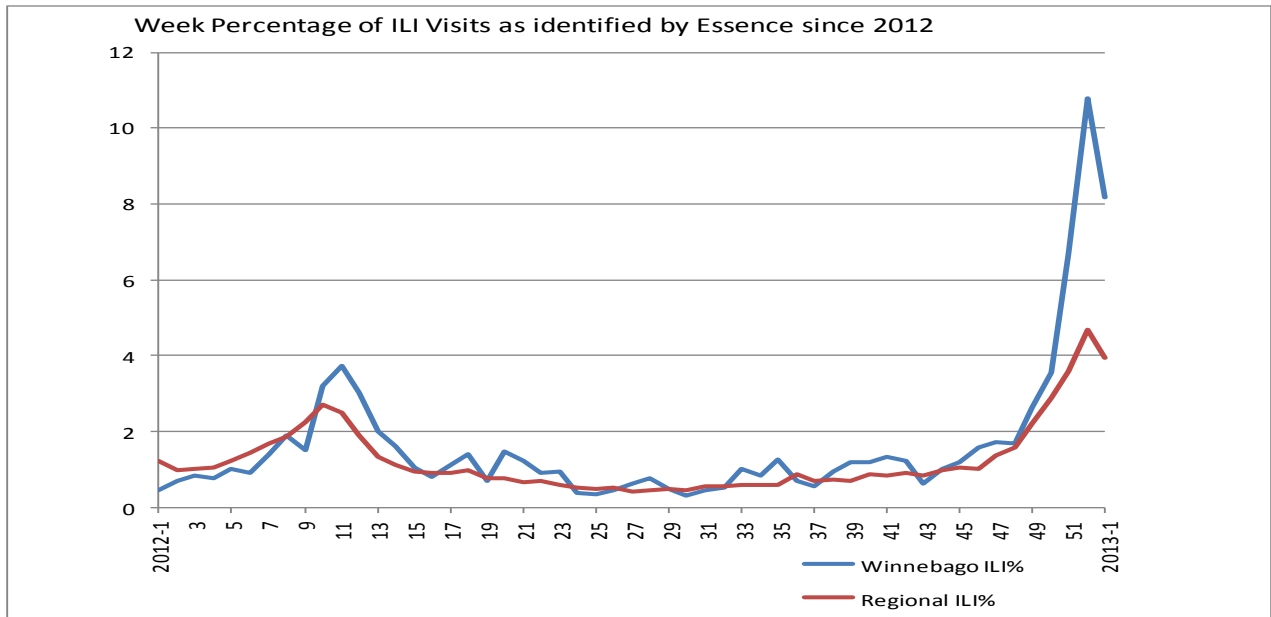


Figure 2 displays the weekly percentage of Influenza-Like Illness (ILI) as identified by the Essence Syndromic Surveillance System. The blue line shows the percentage of ILI Emergency Department visits in Winnebago County from our two participating hospitals and the red line shows the regional ILI percentage for counties participating in Essence. This graph displays the most current Essence data, which is through CDC Week 1. ILI for CDC Week 1 for Winnebago County is **8.16 %**, compared with Regional ILI at **3.96%**.

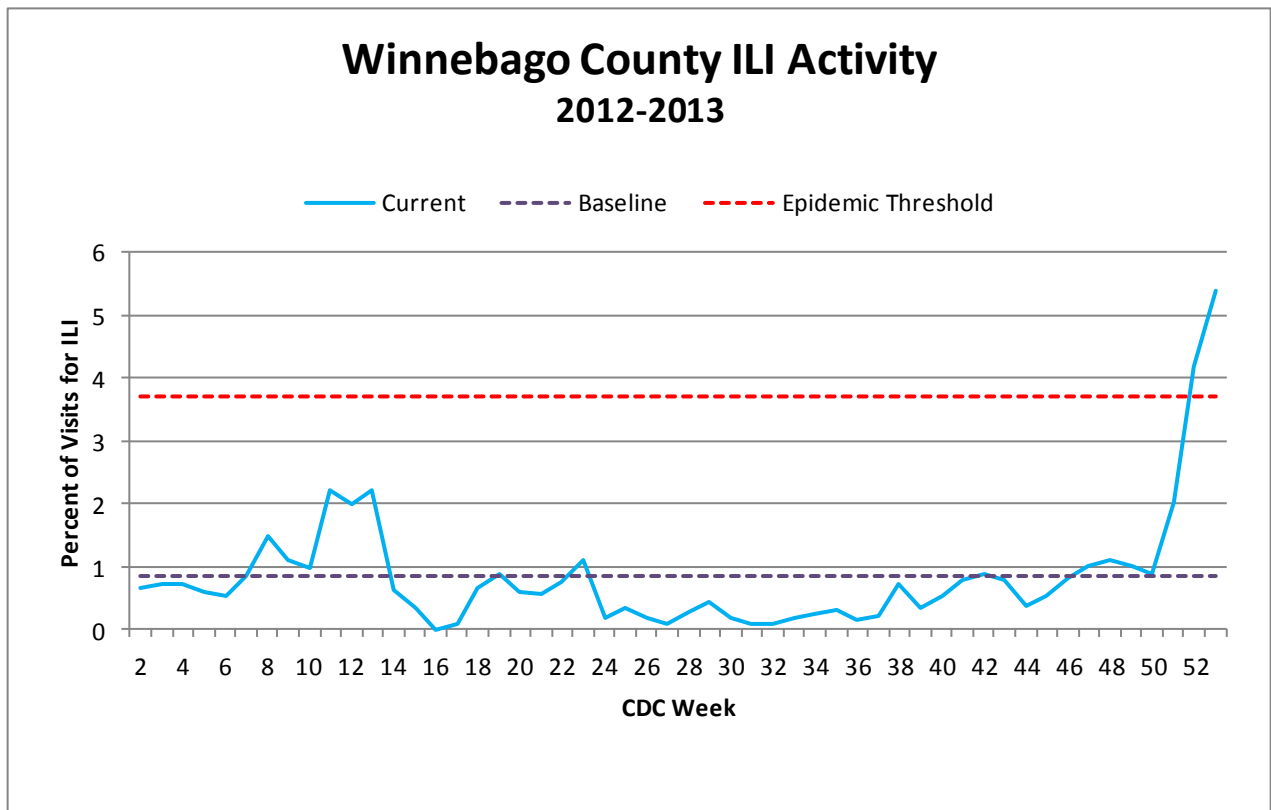


Figure 3 is the representation of visits from our sentinel sites not participating in Essence for ILI. ILI activity among the two sites reporting for CDC Week 52 was: **5.39%**

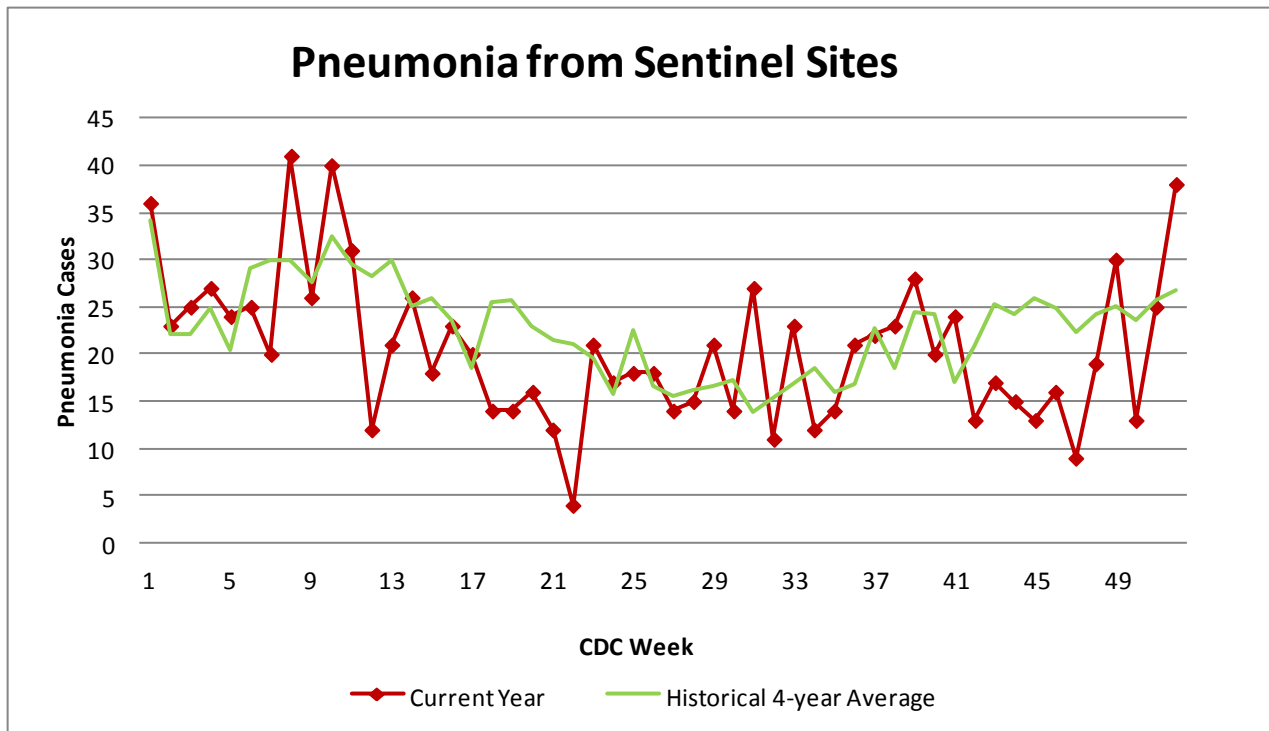


Figure 4 compares the current number of pneumonia hospital admissions (red line) against the 4-year historical average (the green line). For CDC Week 52, we have 38 total hospital admittances reported. Note that all data are preliminary and numbers for weeks 50, 51, and 52 are still arriving.

Outside the County:

Regional Influenza Activity (as of Week 52)

During week 52, the following influenza activity was reported:

- Widespread influenza activity was reported by 41 states (Alabama, Alaska, Arkansas, Colorado, Connecticut, Florida, Georgia, Kentucky, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, Rhode Island, Tennessee, Texas, Utah, Vermont, Virginia, West Virginia, Wisconsin, and Wyoming).
- Regional influenza activity was reported by 7 states (Arizona, California, Missouri, Montana, Oregon, South Dakota, and Washington).
- The District of Columbia reported local influenza activity.
- Sporadic influenza activity was reported by 1 state (Hawaii).
- Guam reported no influenza activity.
- Puerto Rico, the U.S. Virgin Islands, and Delaware did not report.



**Questions/
Comments?**

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Public Health
Prevent. Promote. Protect.

ILI Activity Level (Influenza Like Illnesses reported Week 52)

Illinois is HIGH on the scale