



Weekly Influenza Surveillance Report
CDC Week 51 December 16th-December 22nd, 2012

In Brief:

Mortality

Confirmed deaths from Pneumonia/Influenza Week 51: **4**

Percent of deaths due to Pneumonia/Influenza Week 51: **6.89%**

Influenza-Like Illness Surveillance

Sentinel Site ILI rate -Week 51 Ending December 22nd: **4.16%**

Note: Only 2 sentinel sites reporting for Week 51

Pneumonia Hospital Admissions

Week 51 Ending December 22nd: **20**

Previous Week 50 Ending December 15th: **19**

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.

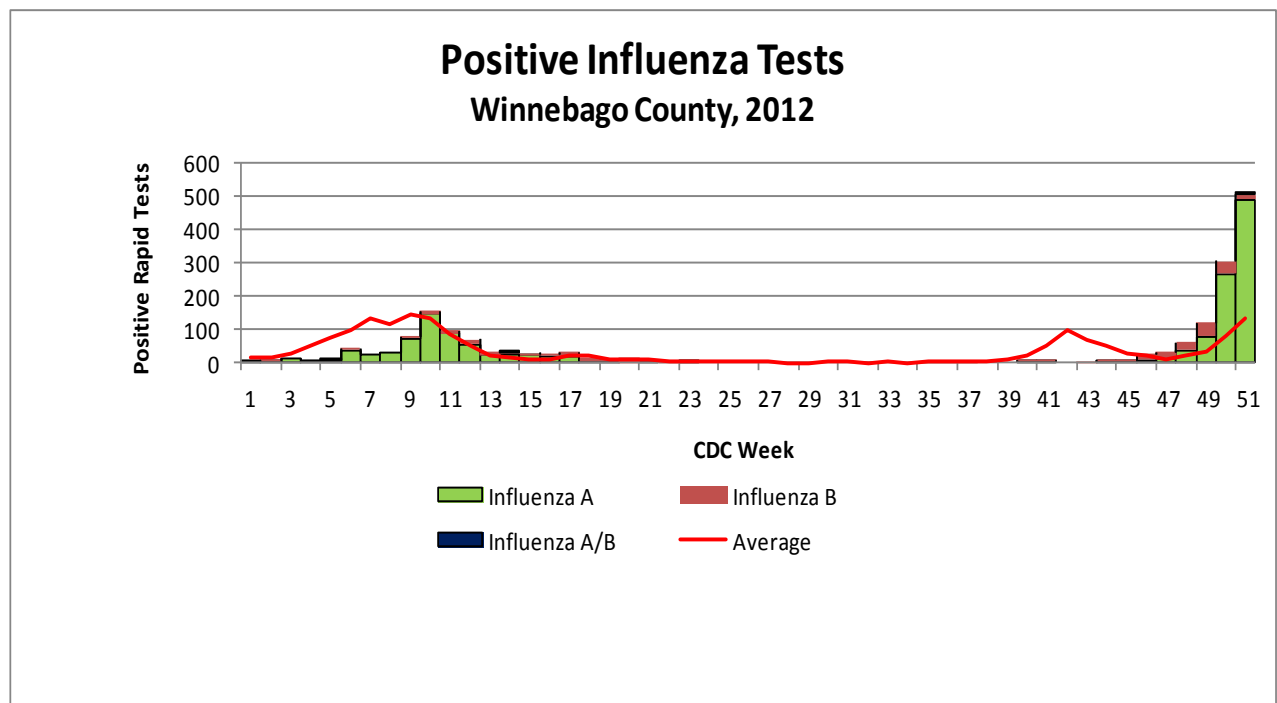


Figure 1 displays the current number of rapid flu cases reported to WCHD and broken down by influenza sub-typing compared to a 4-year historical average (the red line). The average is elevated due to the inclusion of H1N1 data from 2009. 1070 total positive rapid flu cases have been reported for the 2012-2013 flu season. 508 cases of influenza have been reported for week 51.

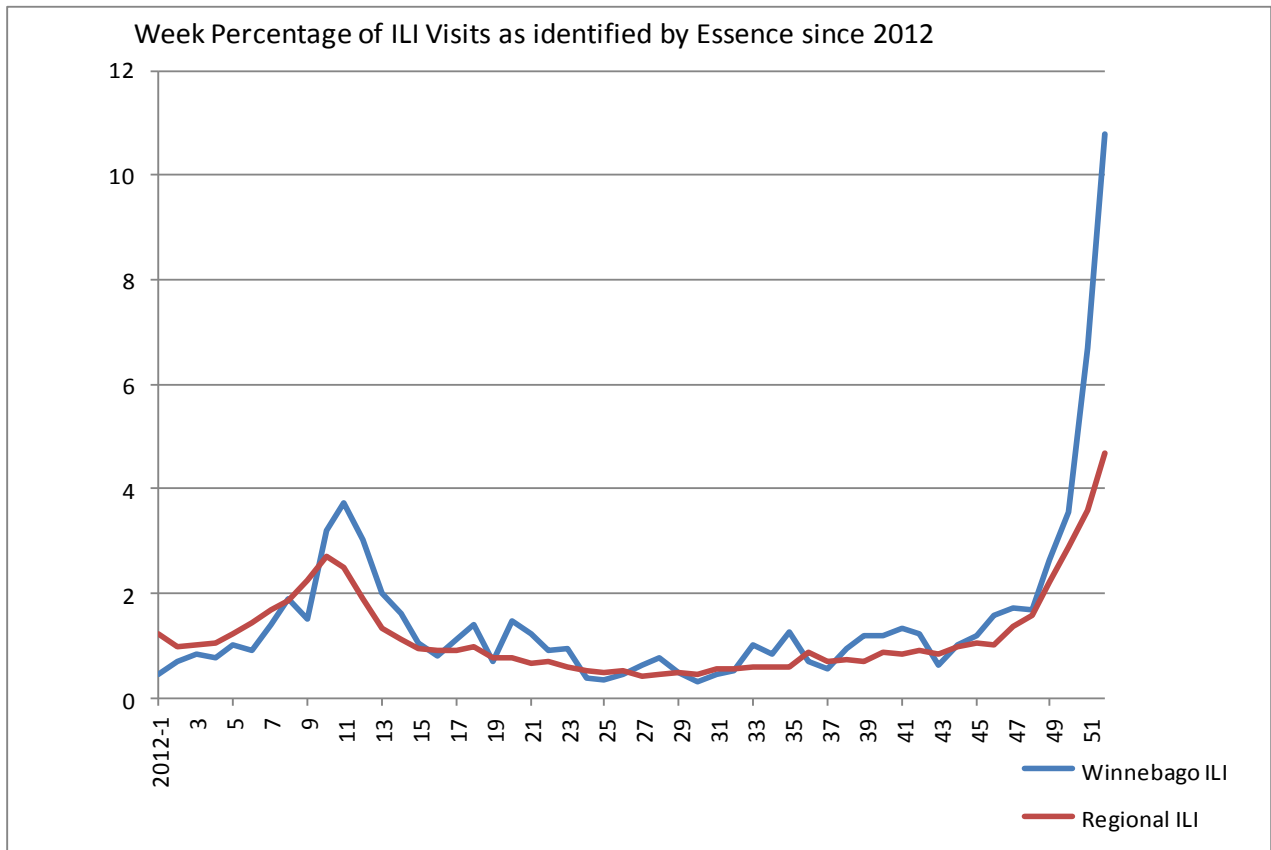


Figure 2 displays the weekly percentage of Influenza-Like Illness (ILI) as identified by the Essence Syndromic Surveillance System. The blue line shows the percentage of ILI Emergency Department visits in Winnebago County from our two participating hospitals and the red line shows the regional ILI percentage for counties participating in Essence. This graph displays the **most current** Essence data, which is through CDC Week 52. ILI for CDC Week 52 for Winnebago County is **10.79%**, compared with Regional ILI at **4.67%**.

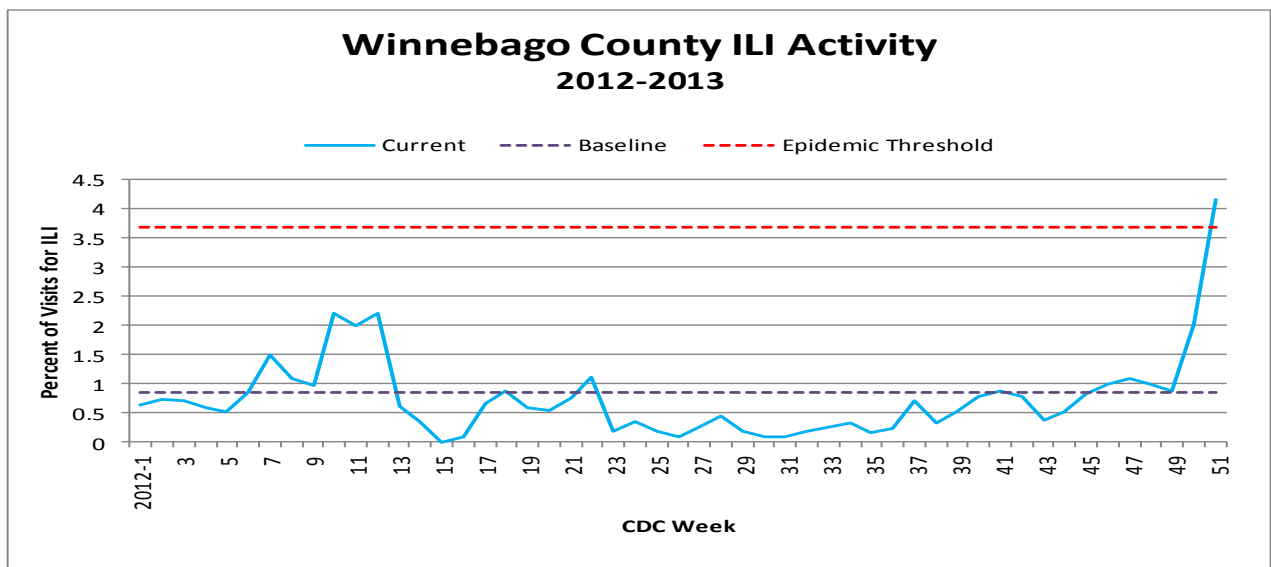


Figure 3 is the representation of visits from our sentinel sites not participating in Essence for ILI. ILI activity among the two sites reporting for CDC Week 51 was: **4.16%**

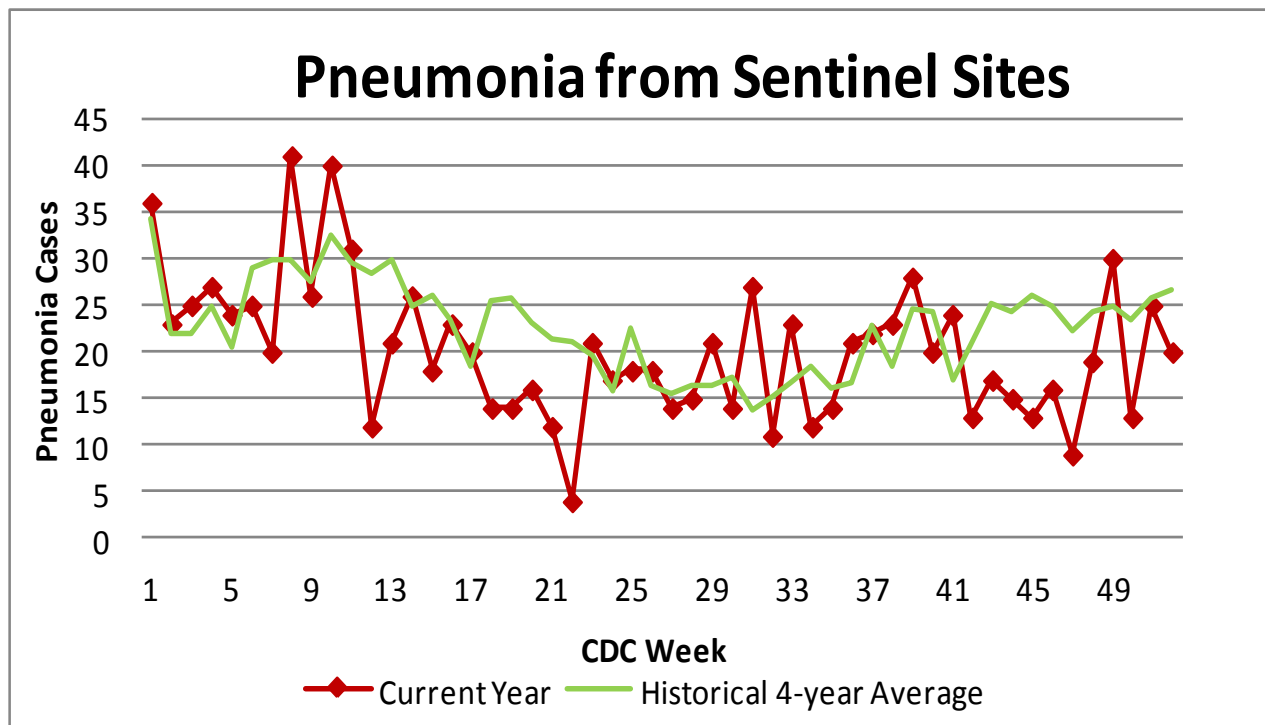


Figure 4 compares the current number of pneumonia hospital admissions (red line) against the 4-year historical average (the green line). For CDC Week 51, we have 20 total hospital admittances reported. Note that all data are preliminary and numbers for weeks 49, 50, and 51 are still arriving.

Outside the County:

Regional Influenza Activity (as of Week 51)

During week 51, the following influenza activity was reported:

- Widespread influenza activity was reported by 31 states (Alaska, Arkansas, Connecticut, Florida, Georgia, Kentucky, Illinois, Indiana, Iowa, Louisiana, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Nevada, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, Texas, Utah, Virginia, West Virginia, Wisconsin, and Wyoming).
- Regional influenza activity was reported by 14 states (Alabama, Arizona, Colorado, Idaho, Kansas, Michigan, Missouri, Montana, Nebraska, New Mexico, Oklahoma, South Dakota, Tennessee, and Washington).
- Local influenza activity was reported by the District of Columbia and 3 states (Delaware, Oregon and Vermont).
- Sporadic influenza activity was reported by 2 states (California and Hawaii).
- Guam reported no influenza activity.
- Puerto Rico and the U.S. Virgin Islands did not report.



**Questions/
Comments?**

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Public Health
Prevent. Promote. Protect.

ILI Activity Level (Influenza Like Illnesses reported Week 51)

Illinois is HIGH on the scale