



Weekly Influenza Surveillance Report CDC Week 17 April 22nd– April 28th, 2012

In Brief:

Mortality

Confirmed deaths from Pneumonia/Influenza Week 17: **5**

Percent of deaths due to Pneumonia/Influenza Week 17: **9.6%**

Influenza-Like Illness Surveillance

Sentinel Site ILI rate -Week 17 ending April 28th: **.76%**

Pneumonia Hospital Admissions

Week 17 Ending April 28th: **8**

Previous Week 16 Ending April 21st: **23**

Note: Numbers for Week 16 include 2 hospitals and are one week behind due to reporting methods. For Week 17, 1 hospital did not report.

School Attendance Week 17 Ending April 28th: **99.9 %**

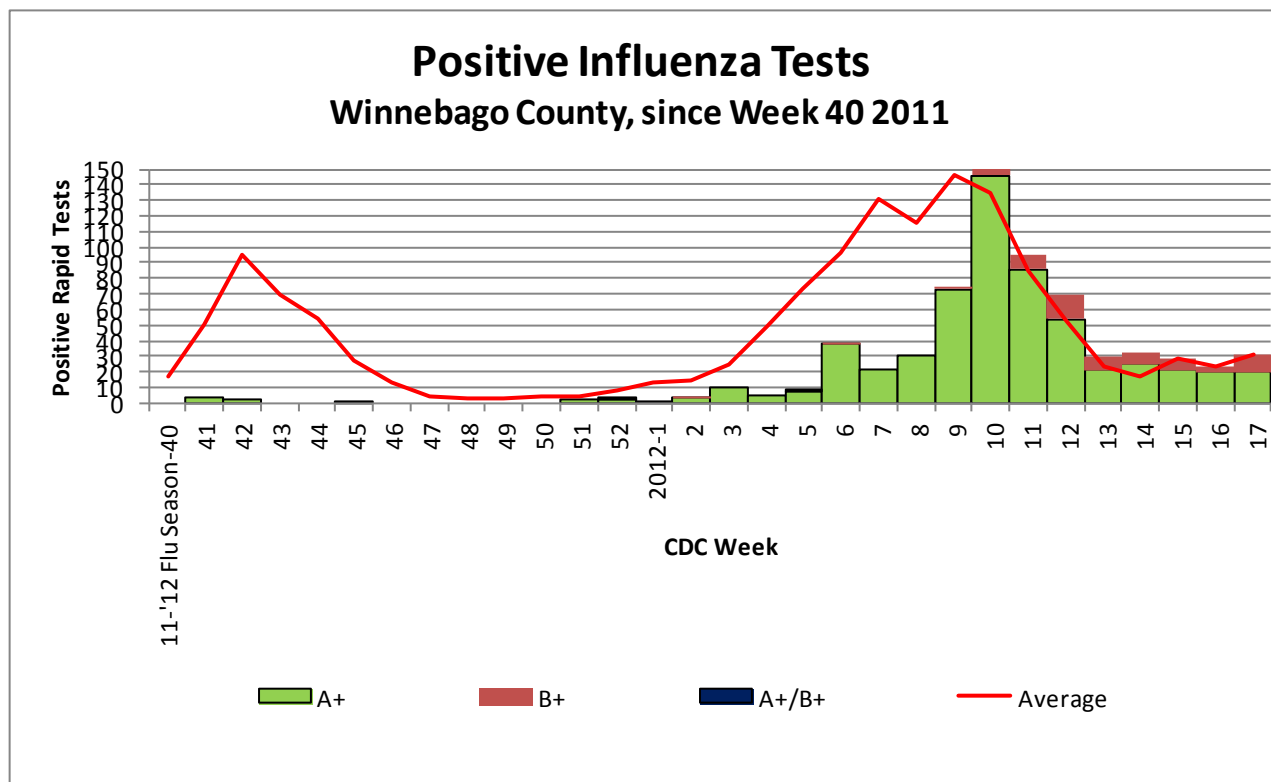


Figure 1 displays the current number of rapid flu cases reported to our department and broken down by influenza sub-typing compared to a 4-year historical average (the red line). 670 total positive rapid flu cases have been reported for the 2011-12 flu season. 31 cases of influenza have been reported for week 17.

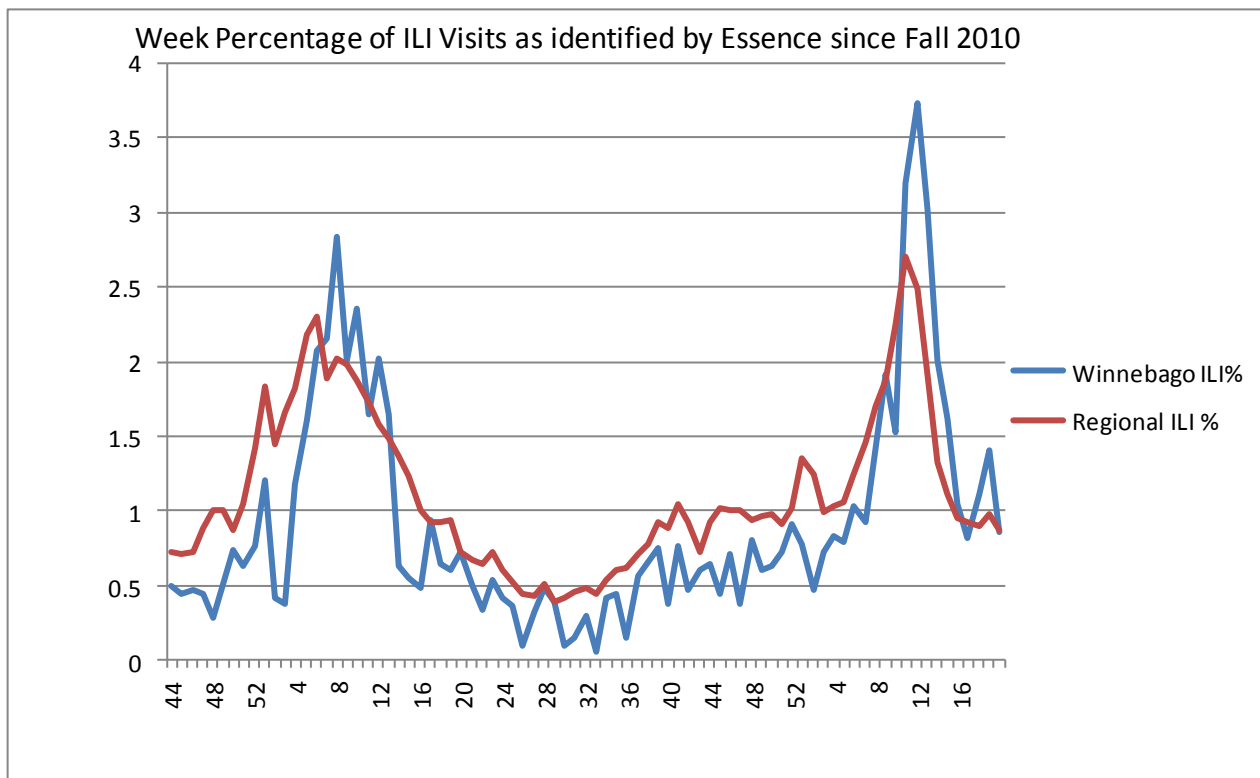


Figure 2 displays the weekly percentage of Influenza-Like Illness (ILI) as identified by the Essence Syndromic Surveillance System. The blue line shows the percentage of ILI Emergency Department visits in Winnebago County from our two participating hospitals and the red line shows the regional ILI percentage for counties participating in Essence. For CDC Week 17, Winnebago County reported an ILI percent of **1.11**, higher than the regional ILI percent of **.99**. This graph displays the most current Essence data, which is through CDC Week 19. ILI for CDC Week 19 for Winnebago County is **.86%**, compared with regional ILI at **.87%**.

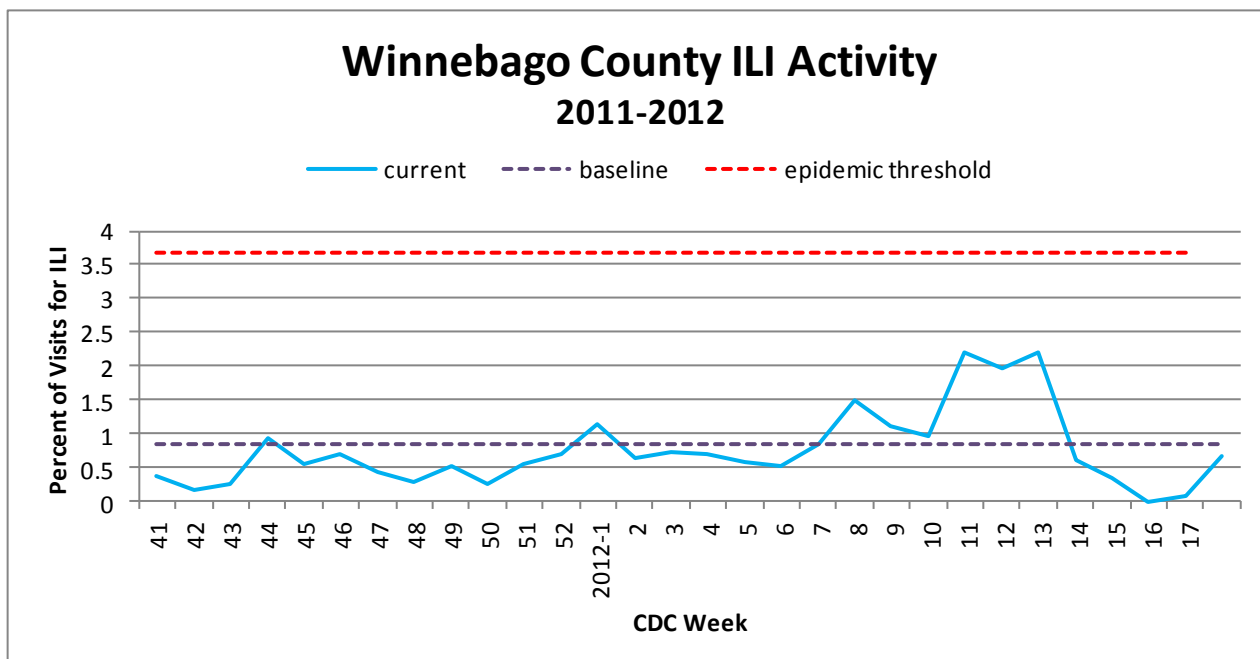


Figure 3 is the representation of visits from our sentinel sites not participating in Essence for ILI. ILI activity among the three sites for CDC Week 17 was: **0.76%**.

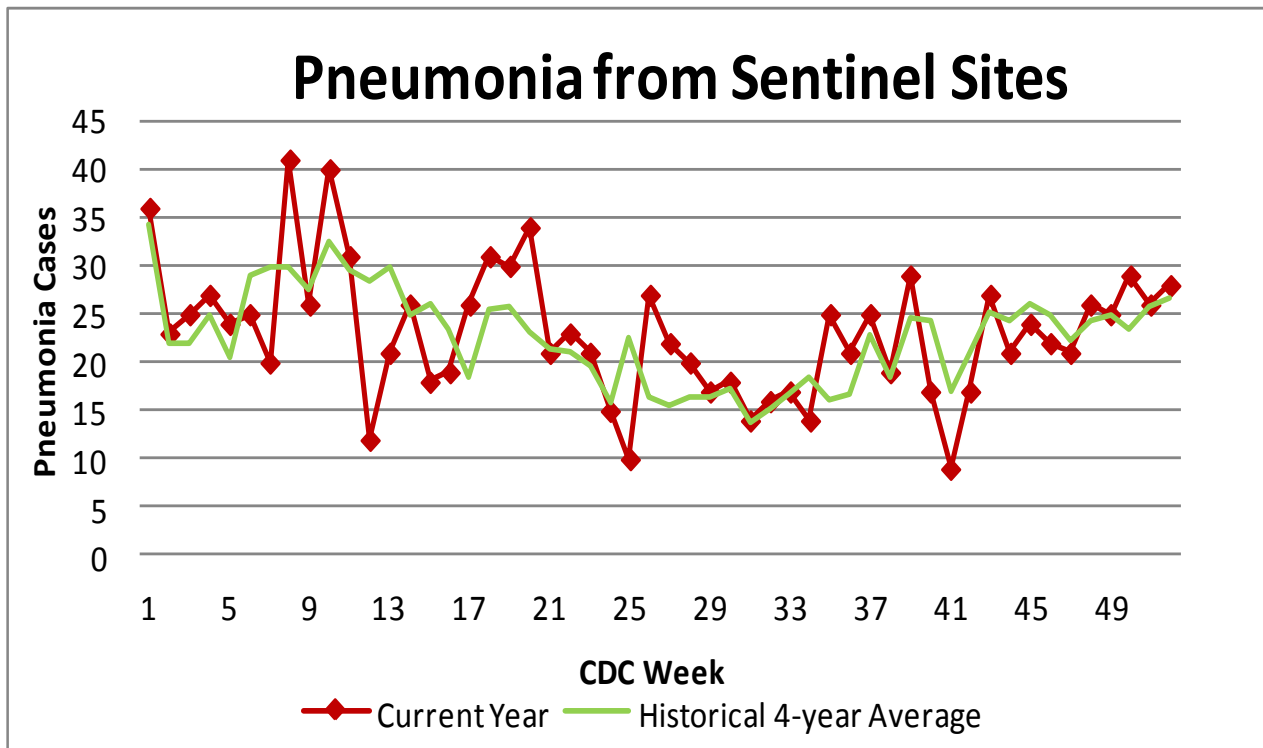


Figure 4 compares the current number of pneumonia hospital admissions (red line) against the 4-year historical average (the green line). For CDC Week 17, we have 8 total hospital admittances reported. Note that all data are preliminary and numbers for weeks 15, 16, and 17 are still arriving.

Outside the County:

Regional INFLUENZA ACTIVITY (as of Week 17)

During week 17, the following influenza activity was:

- Widespread influenza activity was reported by 2 states (Alaska and New York).
- Regional influenza activity was reported by 9 states (Arizona, California, Connecticut, Kentucky, Maine, Montana, New Hampshire, New Jersey, and Oregon).
- Local influenza activity was reported by 12 states (Alabama, Iowa, Massachusetts, Michigan, Minnesota, Nevada, North Dakota, Ohio, Rhode Island, Vermont, Washington, and Wyoming).
- Sporadic influenza activity was reported by the District of Columbia and 27 states (Arkansas, Colorado, Delaware, Florida, Georgia, Hawaii, Illinois, Idaho, Indiana, Kansas, Louisiana, Maryland, Mississippi, Missouri, Nebraska, New Mexico, North Carolina, Oklahoma, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, West Virginia, and Wisconsin).
- Guam and the U.S. Virgin Islands reported no influenza activity.
- Puerto Rico did not report.



Questions/Comments?

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Public Health
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ILI Activity Level (Influenza like Illnesses reported Week 17)
Illinois is **MINIMAL** on the scale