



## Weekly Influenza Surveillance Report CDC Week 4 January 22nd-January 28th, 2012

### In Brief:

#### **Mortality**

Confirmed deaths from Pneumonia/Influenza Week 4: 6  
Percent of deaths due to Pneumonia/Influenza Week 4: **8.96%**

#### **Influenza-Like Illness Surveillance**

Sentinel Site ILI rate -Week 4 ending January 28th: **0.58%**

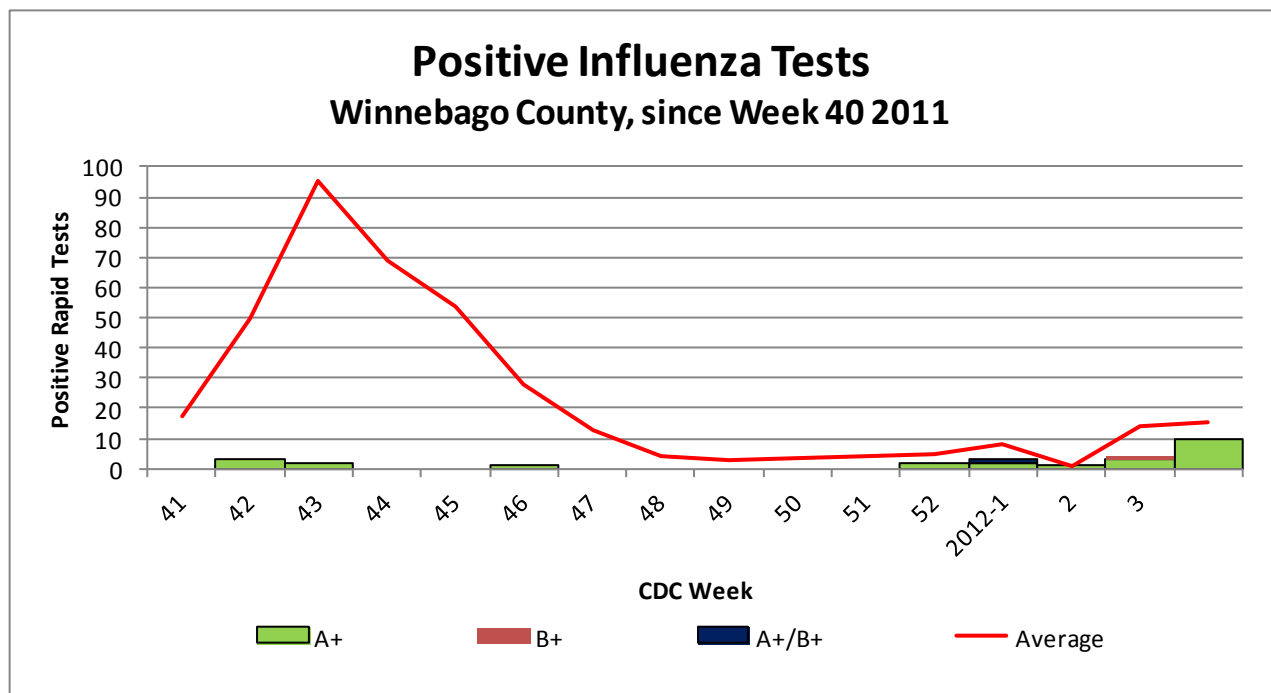
#### **Pneumonia Hospital Admissions**

Week 4 Ending January 28th: **25**

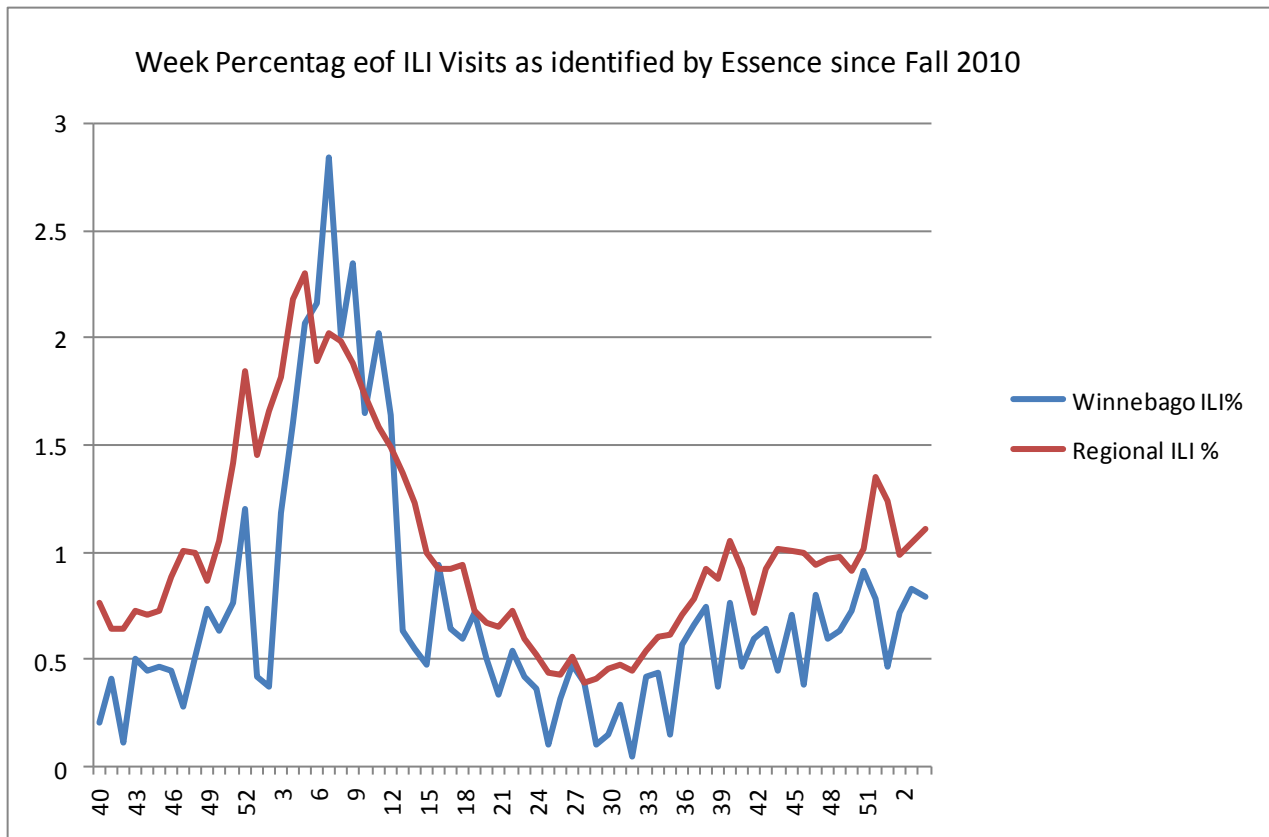
Previous Week 3 Ending January 21st: **25**

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

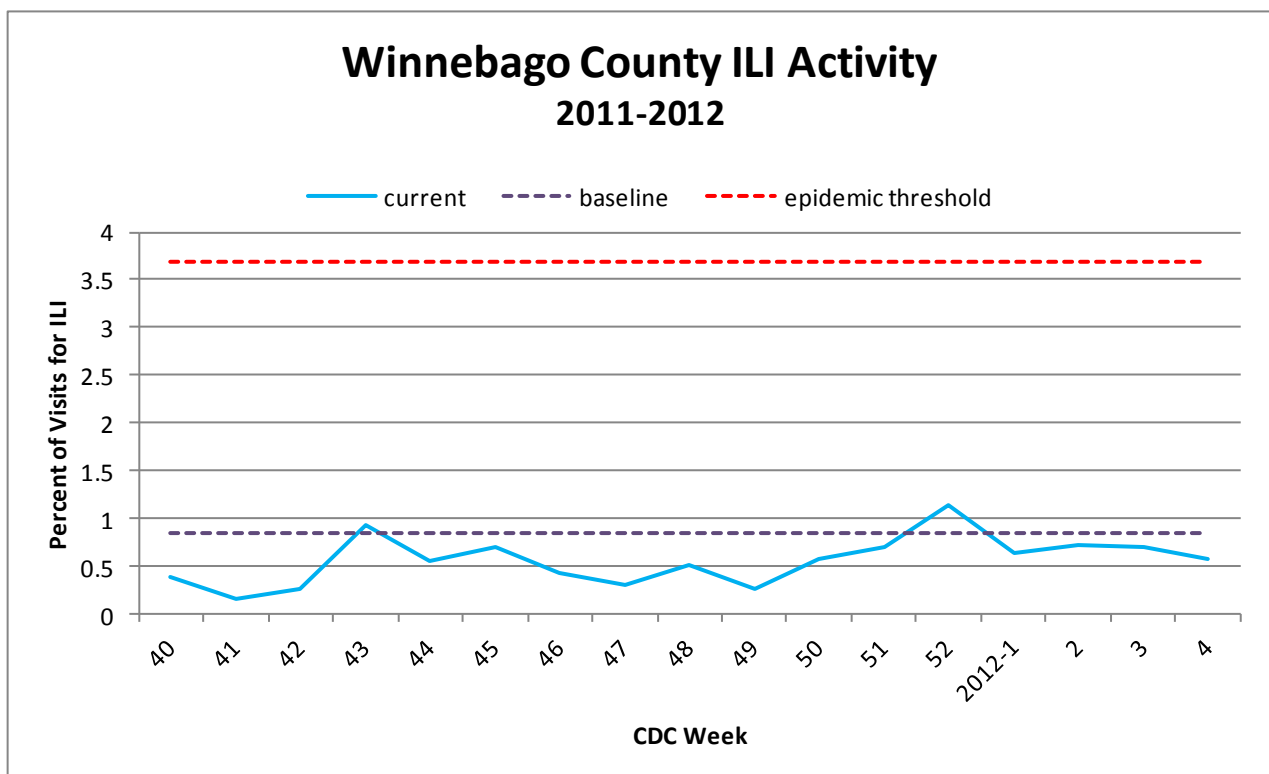
#### **School Attendance** Week 4 Ending January 28th: **99.83%**



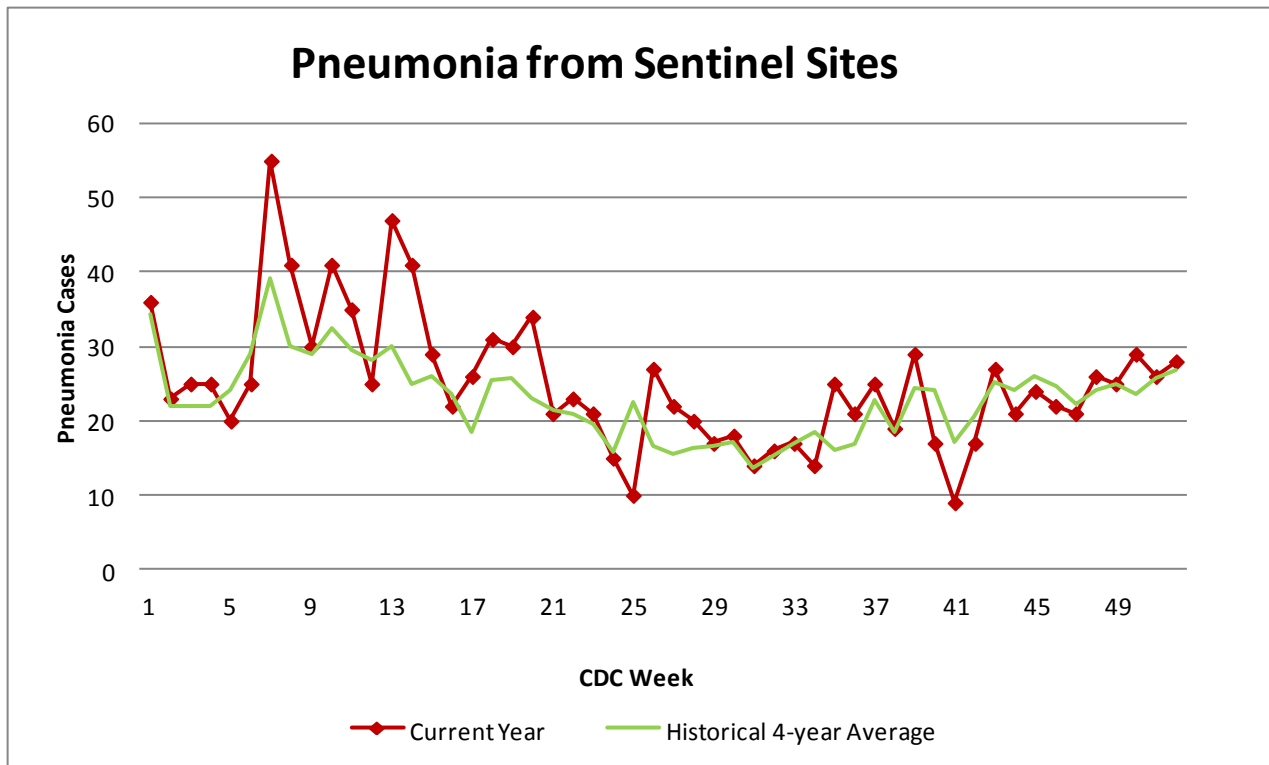
**Figure 1** displays the current number of rapid flu cases reported to our department and broken down by influenza sub-typing compared to a 4-year historical average (the red line). 31 total positive rapid flu cases have been reported for the 2011-12 flu season. 5 cases of Influenza A have been reported for week 4 which is below the historical average of 25.25 cases.



**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 4, Winnebago County reported an ILI percent of **0.79**, lower than the regional ILI percent of **1.11**.



**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 4 was 0.58%.



**Figure 4** compares the current number of pneumonia hospital admissions (red line) against the 4-year historical average (the green line). For CDC Week 4, we are slightly above the 4-year historical average of 22 with 25 total hospital admittances reported. Note that all data are preliminary and numbers for weeks 2, 3, and 4 are still arriving.

### Outside the County:

Illinois influenza activity (as of Week 4):

#### **Illinois reported Sporadic INFLUENZA ACTIVITY**

**During week 4, the following influenza activity was**

- Regional influenza activity was reported by six states (California, Colorado, Kentucky, Missouri, New Hampshire, and Virginia).
- Local influenza activity was reported by 13 states (Alabama, Georgia, Kansas, Massachusetts, Michigan, Montana, Nevada, New Jersey, Oklahoma, Oregon, South Dakota, Texas, and Wyoming).
- Sporadic influenza activity was reported by Guam, Puerto Rico, and 31 states (Alaska, Arizona, Arkansas, Connecticut, Delaware, Florida, Hawaii, Idaho, Illinois, Indiana, Iowa, Louisiana, Maine, Maryland, Minnesota, Mississippi, Nebraska, New Mexico, New York, North Carolina, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Utah, Vermont, Washington, West Virginia, Wisconsin).
- No influenza activity was reported by the U.S. Virgin Islands.
- The District of Columbia did not report.



#### **Questions/Comments?**

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**Public Health**  
Prevent. Promote. Protect.

ILI Activity Level (Influenza like Illnesses reported Week 4)

Illinois is **Minimal** on the scale