



## Weekly Influenza Surveillance Report CDC Week 50 December 9th-December 15th, 2012

### In Brief:

#### **Mortality**

Confirmed deaths from Pneumonia/Influenza Week 50: **2**

Percent of deaths due to Pneumonia/Influenza Week 50: **3.5%**

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

Sentinel Site ILI rate -Week 50 Ending December 15th: **2.01%**

Note: Only 2 sentinel sites reporting for Week 50

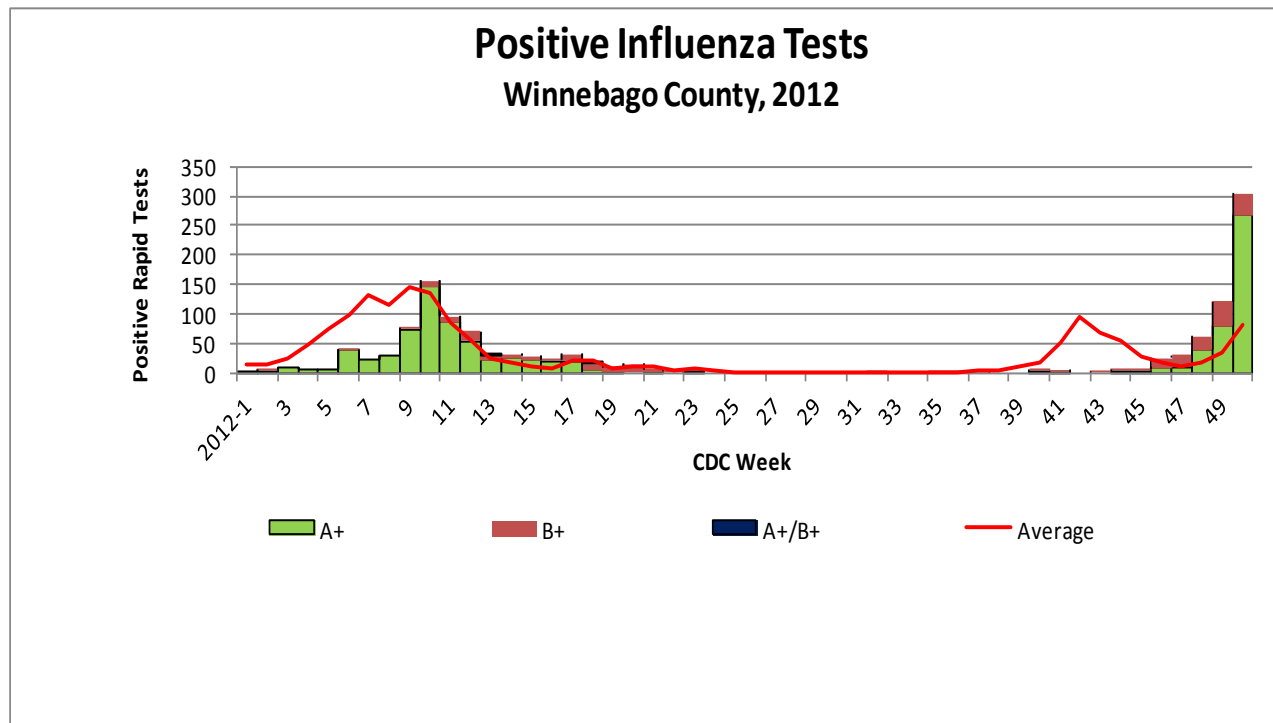
#### **Pneumonia Hospital Admissions**

Week 50 Ending December 15th: **13**

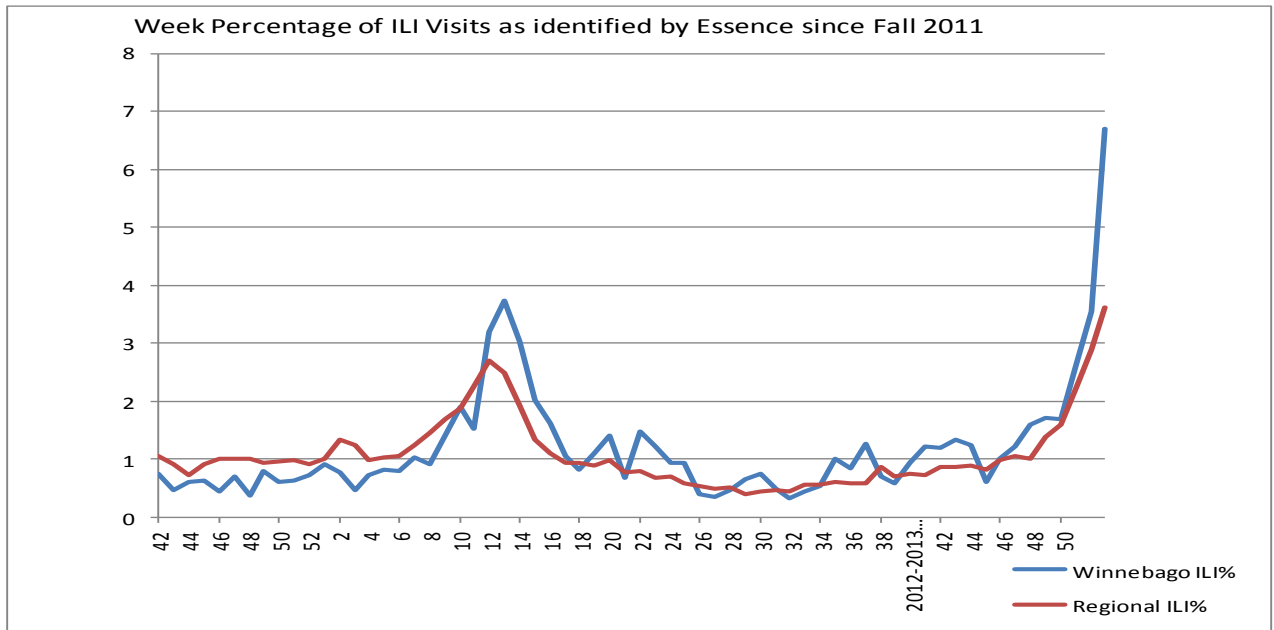
Previous Week 49 Ending December 8th: **30**

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

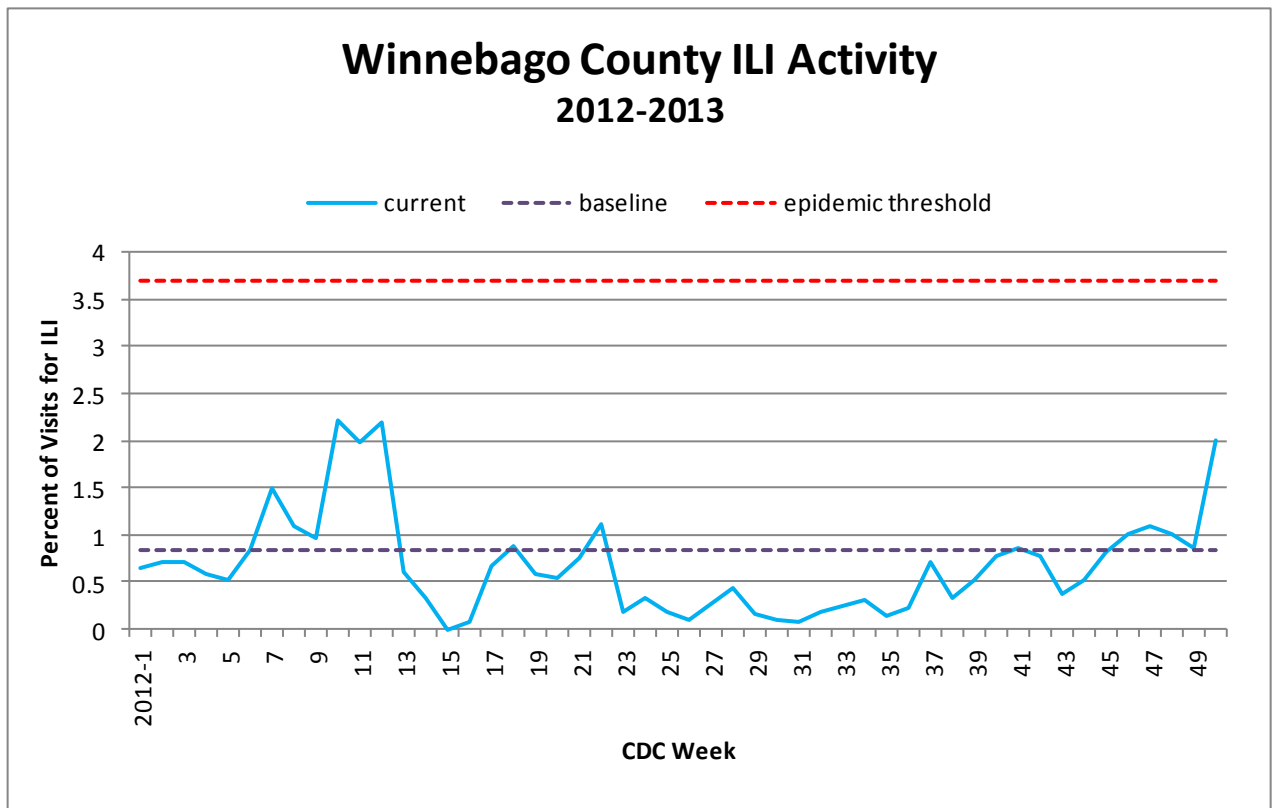
**School Attendance** Due to revision of data collection reporting methods, information is currently not available.



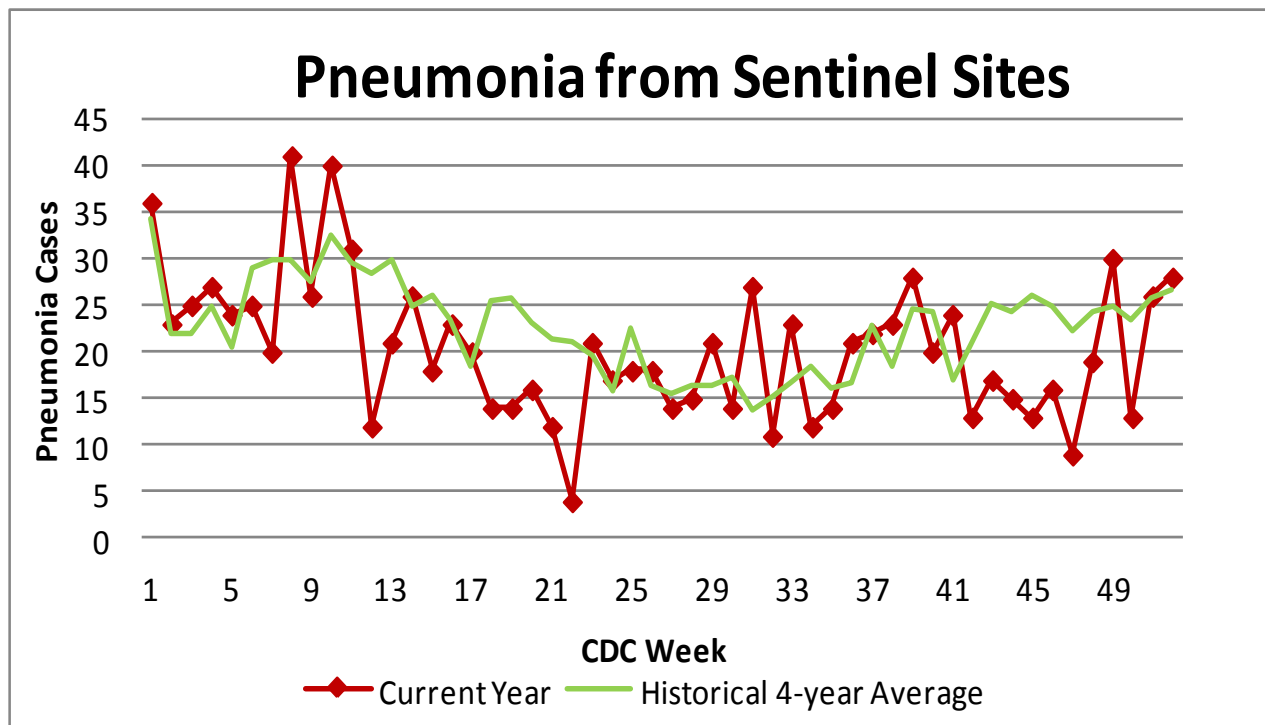
**Figure 1** displays the current number of rapid flu cases reported to WCHD and broken down by influenza sub-typing compared to a 4-year historical average (the red line). The average is elevated due to the inclusion of H1N1 data from 2009. 562 total positive rapid flu cases have been reported for the 2012-2013 flu season. 305 cases of influenza have been reported for week 50.



**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 51. ILI for CDC Week 51 for Winnebago County is **6.7 %**, compared with Regional ILI at **3.61%**.



**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 50 was: **2.01%**



**Figure 4** compares the current number of pneumonia hospital admissions (red line) against the 4-year historical average (the green line). For CDC Week 50, we have 13 total hospital admittances reported. Note that all data are preliminary and numbers for weeks 48, 49, and 50 are still arriving.

***Outside the County:***

***Regional Influenza Activity (as of Week 50)***

During week 50, the following influenza activity was reported:

- Widespread influenza activity was reported by 29 states (Alabama, Alaska, Arkansas, Connecticut, Florida, Kentucky, Illinois, Indiana, Iowa, Louisiana, Maine, Maryland, Massachusetts, Minnesota, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Texas, Utah, Virginia, West Virginia, Wisconsin, and Wyoming).
- Regional influenza activity was reported by 12 states (Colorado, Georgia, Idaho, Kansas, Michigan, Missouri, Nebraska, North Dakota, Oklahoma, South Dakota, Tennessee, and Washington).
- Local influenza activity was reported by the District of Columbia and 5 states (Arizona, Montana, Nevada, New Mexico, and Oregon).
- Sporadic influenza activity was reported by and 3 states (California, Hawaii, and Vermont).
- 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 50)**

**Illinois is HIGH on the scale**