



# Winnebago County Health Department



## Weekly Influenza Surveillance Report CDC Week 6 February 6-February 12 2011

### In Brief:

#### **Mortality**

Confirmed deaths from Pneumonia/Influenza Week 6: **5**

Percent of deaths due to Pneumonia/Influenza: **8.93%**

Baseline—**1.8%**, Epidemic—**7.9%**

#### **School Attendance**

Sentinel Attendance – All Schools – Week of 02/7 – 02/11: **89.71%**

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

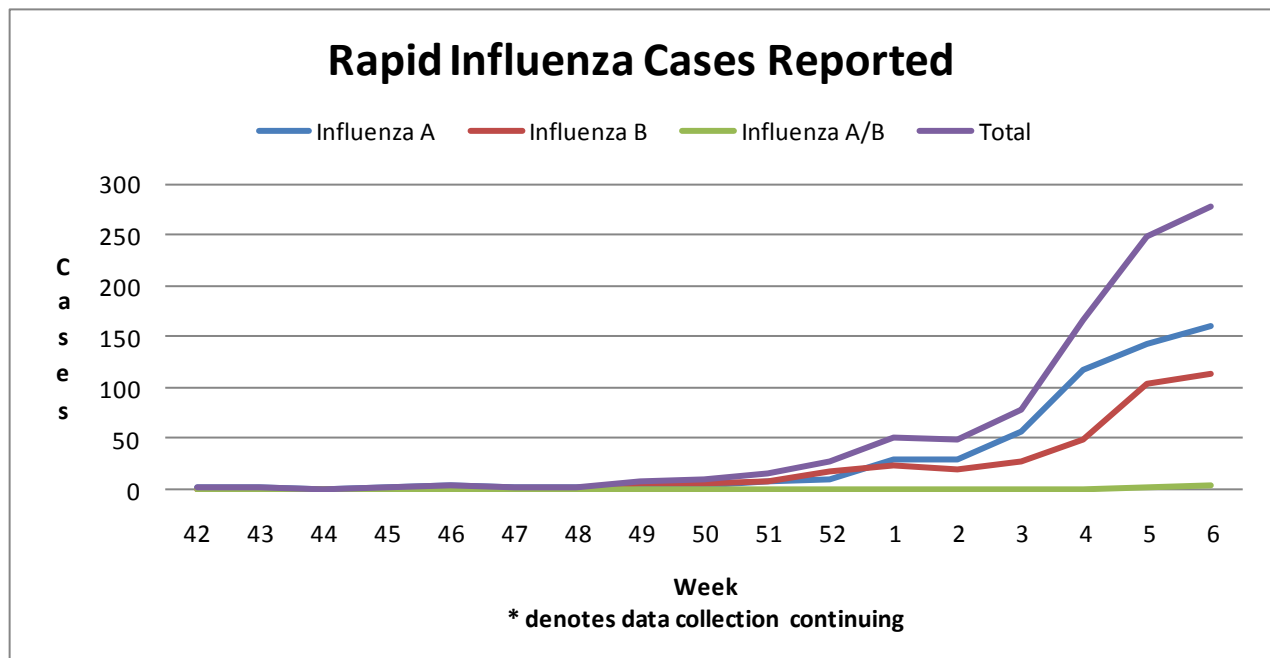
Sentinel Site ILI rate (3 sites participating)—Week Ending February 12th:  
**4.41%**

#### **Pneumonia Hospital Admissions**

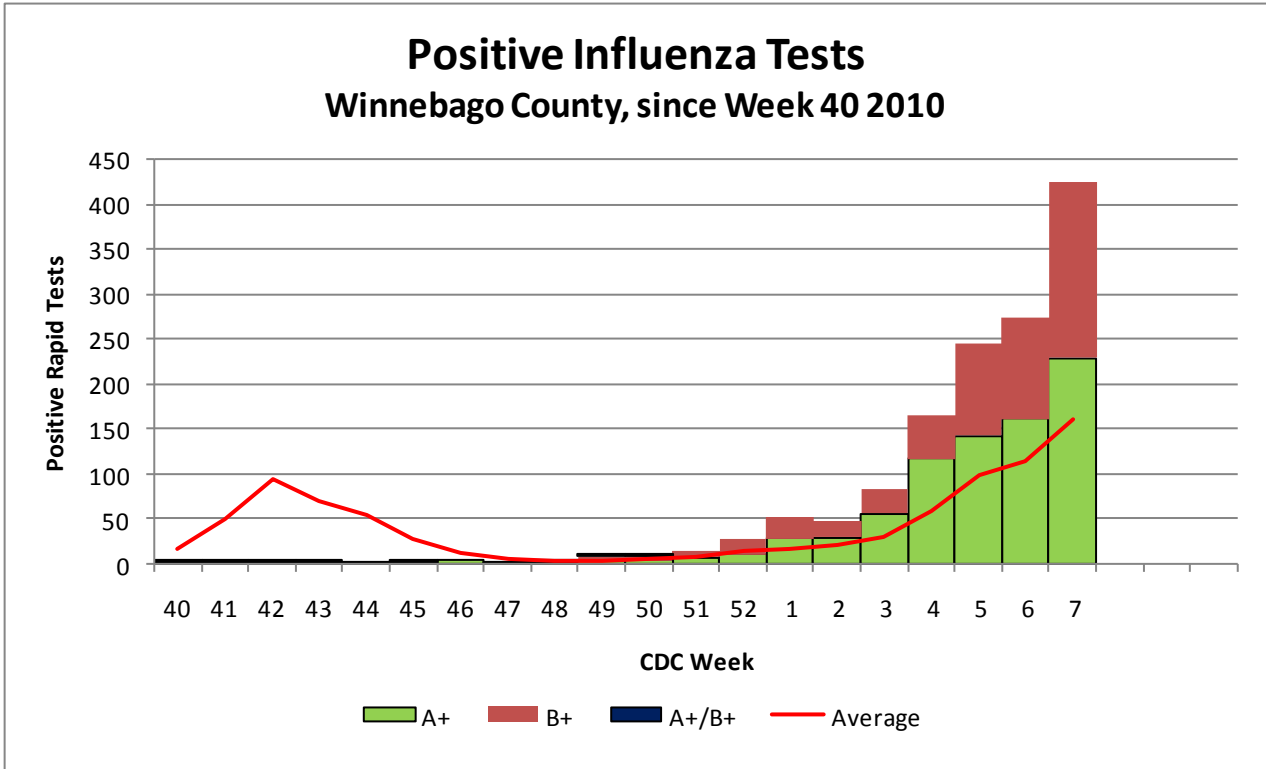
Week Ending February 12th: **23**

Previous Week Ending February 12th: **20**

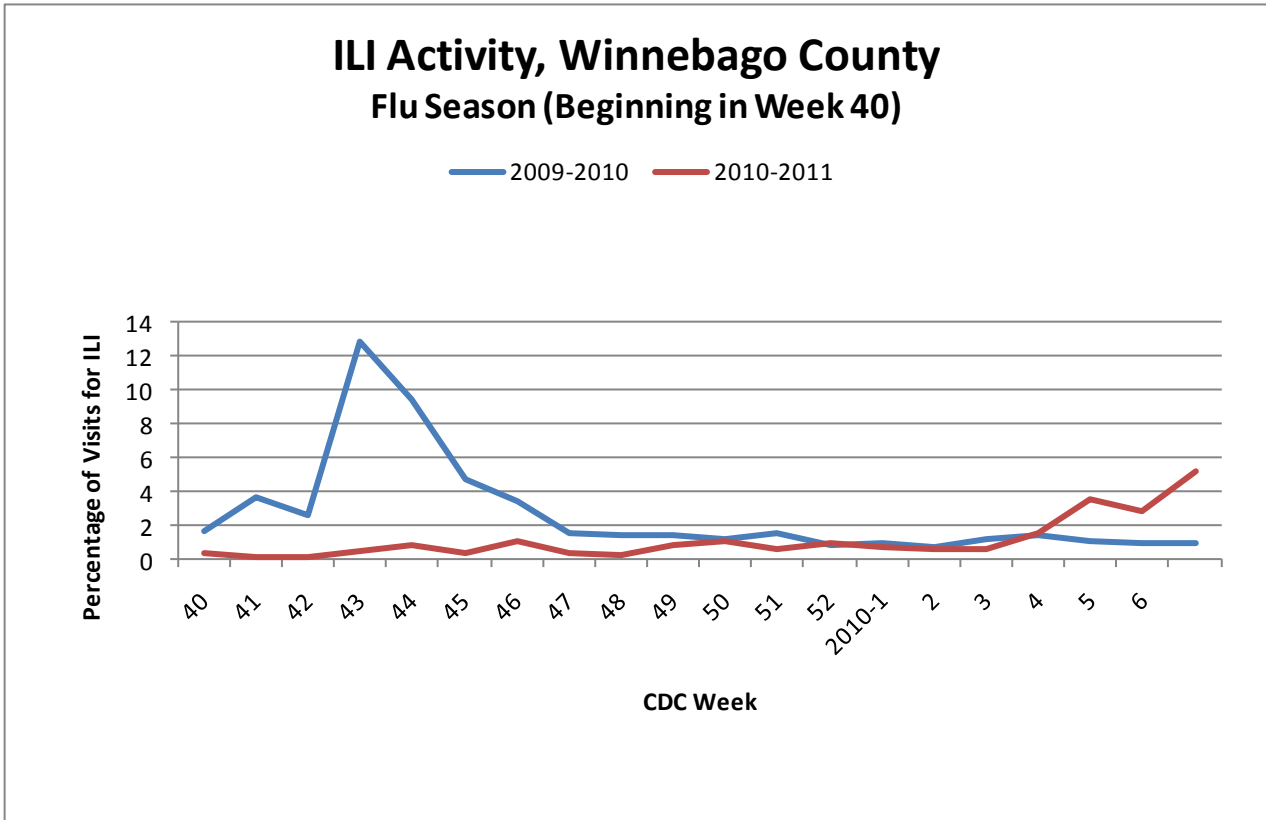
Note: Numbers include 2 hospitals and are one week behind due to reporting methods.



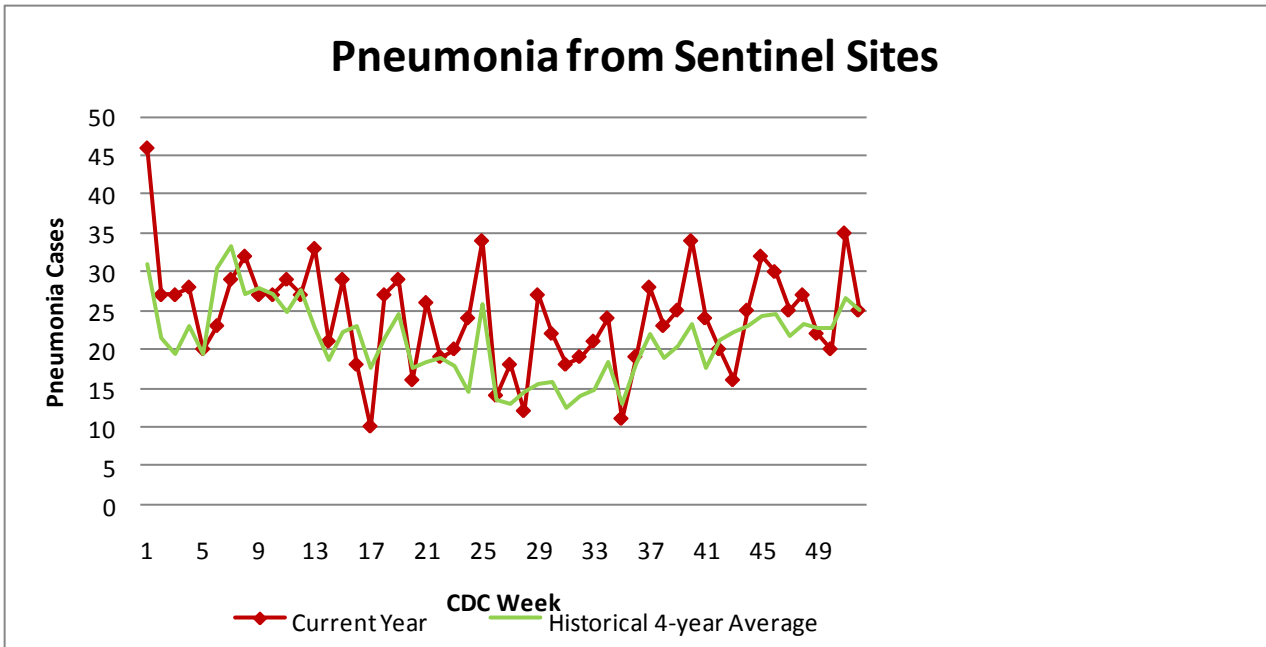
**Figure 1** displays the current number of rapid flu cases reported to our department. Ending numbers for CDC week 6 in Winnebago County show 869 total positive rapid flu reported. Numbers are on the increase in weeks 6 and 7 and flu season has not yet peaked this year.



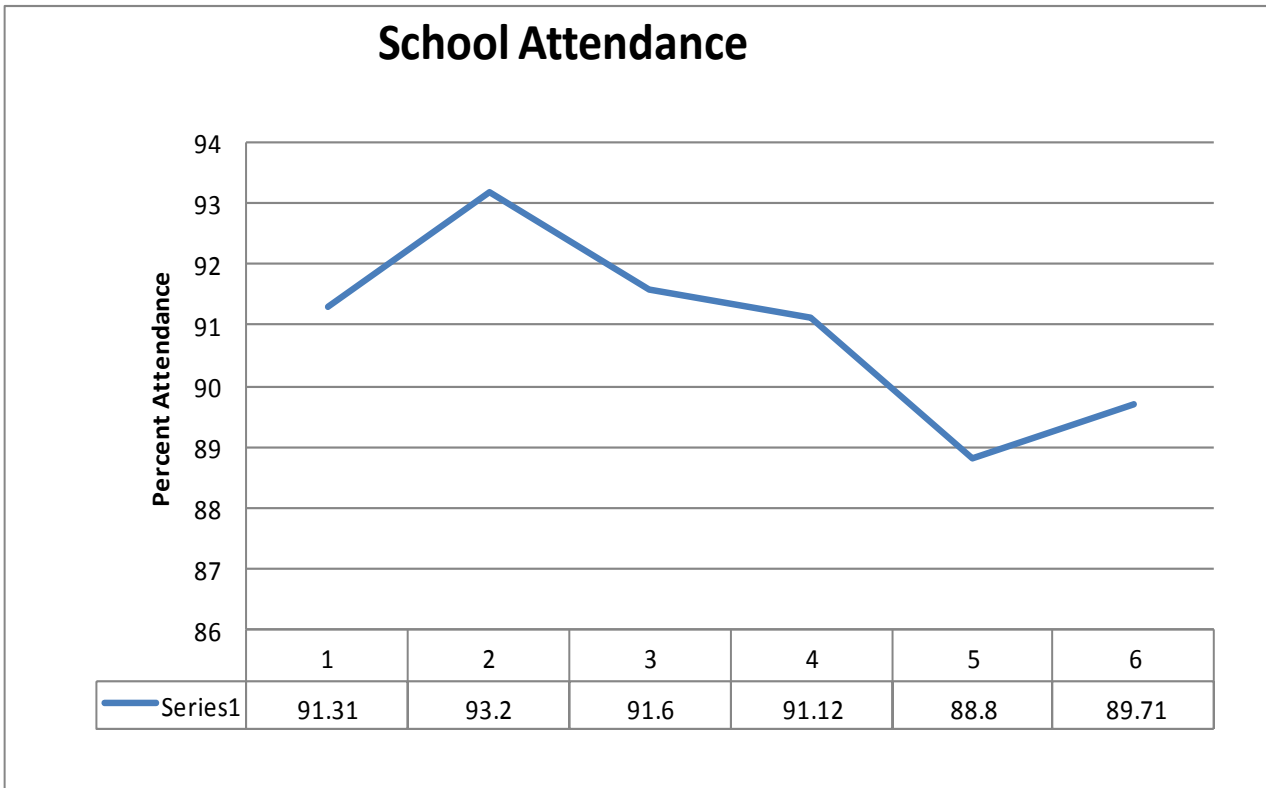
**Figure 2** represents the number of positive rapid influenza (broken down by influenza sub-typing) compared to a 4-year historical average. We are currently above the 4-year average for flu cases in our county. For example, the 4-year historical average for Week 6 is currently 114.50 while our reported cases show 278 total for this week alone.



**Figure 3** is the representation of all visits from sentinel sites\* for Influenza-Like Illness, or ILI. our three sentinel sites have reported a total of 3.52% ILI for week 6. Their numbers so far for week 6 2011 are up slightly from the trend seen last year.



**Figure 4** compares the number of pneumonia admissions against the average pneumonia from sentinel sites over the previous three years. The first 4 weeks of the year have reported above the historical average however in weeks 5 and 6 we dropped slightly below the 4-year average with 17 cases of pneumonia compared to the 19.5 4-year average in week 5 and 23 cases in week 6 compared to a 4-year historical average of 30.5. Please note, these numbers only include two of our area hospitals. Also please note that numbers for CDC week 7 and 8 for 2011 are still arriving.



**Figure 5** shows school attendance to date in 2011. for the first 5 weeks of the year, school attendance was on a slight decrease for RPS District 205 but is now on the rise in week 6. We are currently re-evaluating how we interpret the data reported from our schools so this graph is a work in progress.

Number of confirmed H1N1 influenza cases for to date in Winnebago County (2011): 3 (IDPH)

Number of confirmed Novel H3N2 influenza cases to date in Winnebago County (2011): 4 (IDPH)

Number of confirmed Novel Influenza B cases for to date in Winnebago County (2011): 1 (IDPH)



**Questions/Comments?**

Amanda Mehl, MPH  
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**Outside the County:**

Illinois influenza activity (as of week 6):

**Widespread**

ILI Activity Level (Influenza like Illnesses reported)

Illinois is **High** on the scale

United States influenza activity (as of Week 6):

**Widespread** activity in 44 States

**Regional** activity in 4 states

**Local** activity in Washington DC

**Sporadic** activity in Puerto Rico, the U.S. Virgin Islands, and two states reported sporadic influenza activity

**NO** influenza activity in Guam



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