



Winnebago County Health Department



Weekly Influenza Surveillance Report CDC Week 5 January 31-February 5 2011

In Brief:

Mortality

Confirmed deaths from Pneumonia/Influenza Week 5: **2**

Percent of deaths due to Pneumonia/Influenza: **3.57%**

Baseline—**1.8%**, Epidemic—**7.9%**

School Attendance

Sentinel Attendance – All Schools – Week of 01/31 – 02/4: **88.8%**

Influenza-Like Illness Surveillance

Sentinel Site ILI rate (3 sites participating)—Week Ending February 5th: **4.41%**

Pneumonia Hospital Admissions

Week Ending February 5th: **17**

Previous Week Ending January 29th: **28**

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

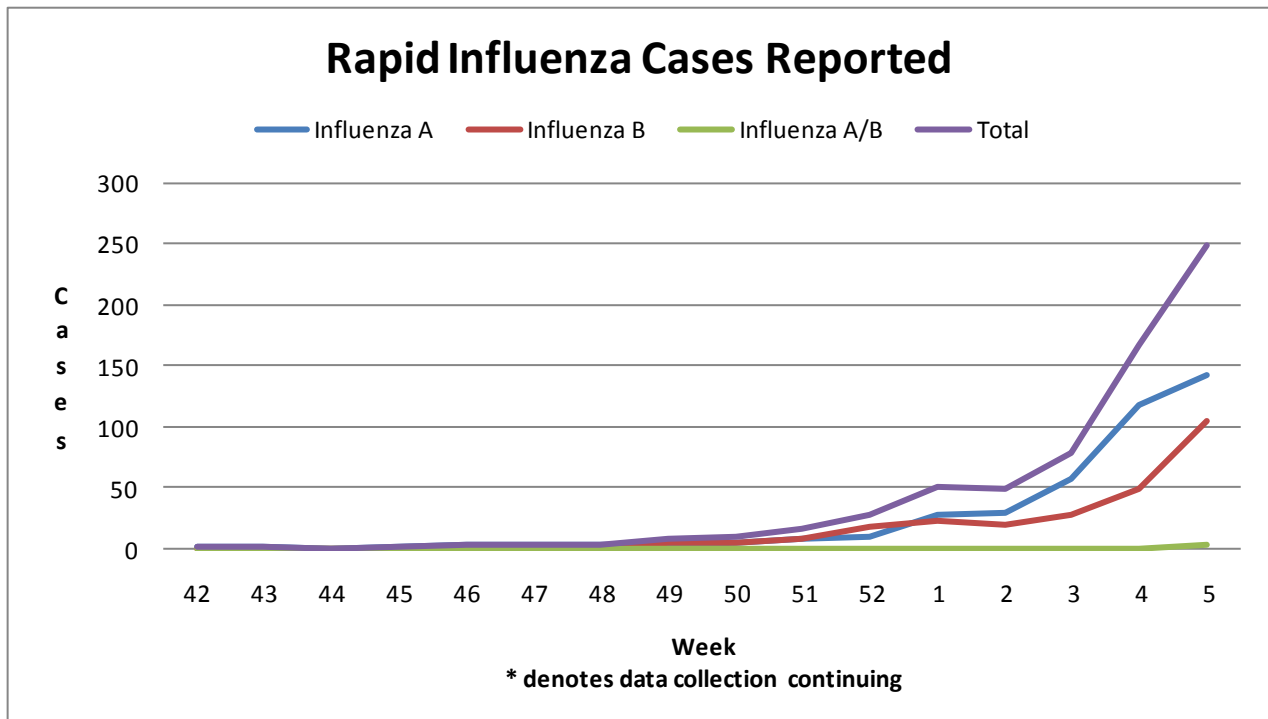


Figure 1 displays the current number of rapid flu cases reported to our department. Ending numbers for CDC week 5 in Winnebago County show 662 total positive rapid flu reported. Numbers are on the increase in weeks 5 and 6 and flu season has not yet peaked this year.

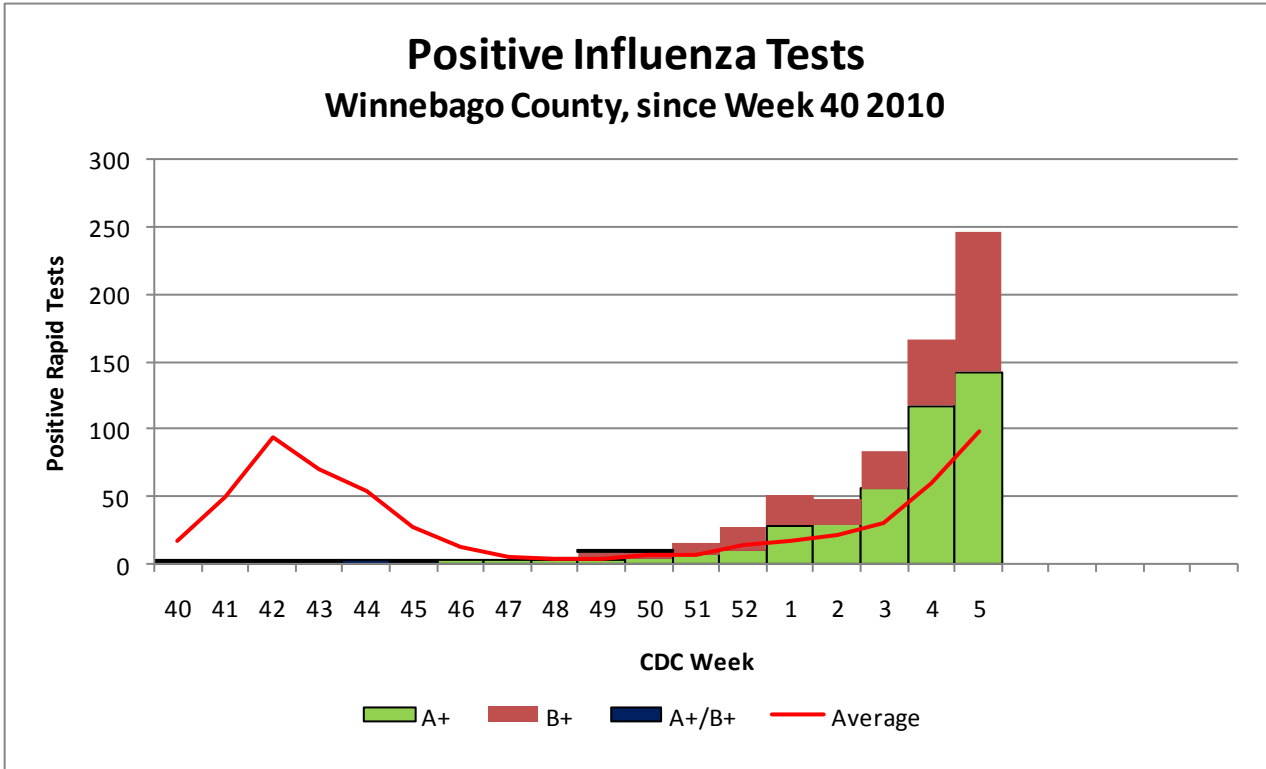


Figure 2 represents the number of positive rapid influenza (broken down by influenza sub-typing) compared to a 4-year historical average. We are currently above the 4-year average for flu cases in our county. For example, the 4-year historical average for Week 5 is currently 98 while our reported cases show 248 total for this week alone.

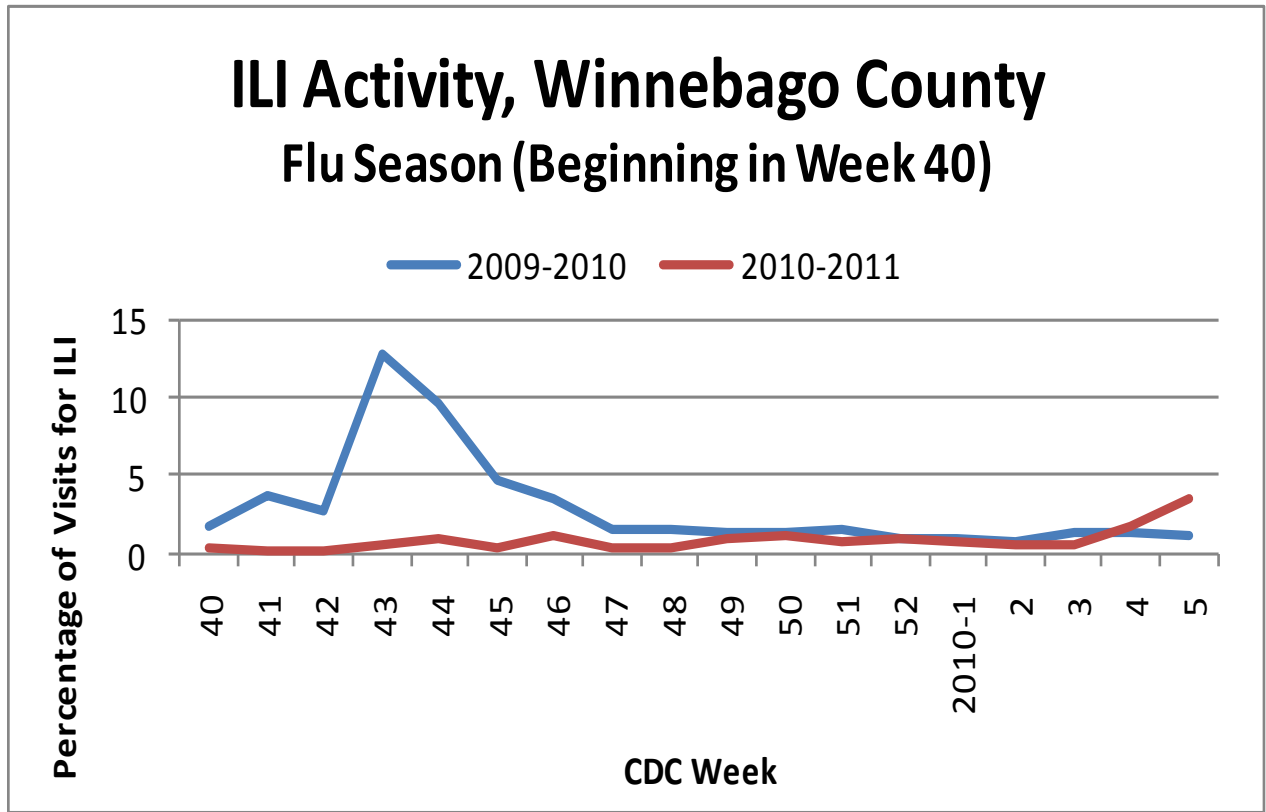


Figure 3 is the representation of all visits from sentinel sites* for Influenza-Like Illness, or ILI. our three sentinel site have reported little to no ILI for week 5. However, their numbers so far for week 5 2011 are up slightly from the trend seen last year.

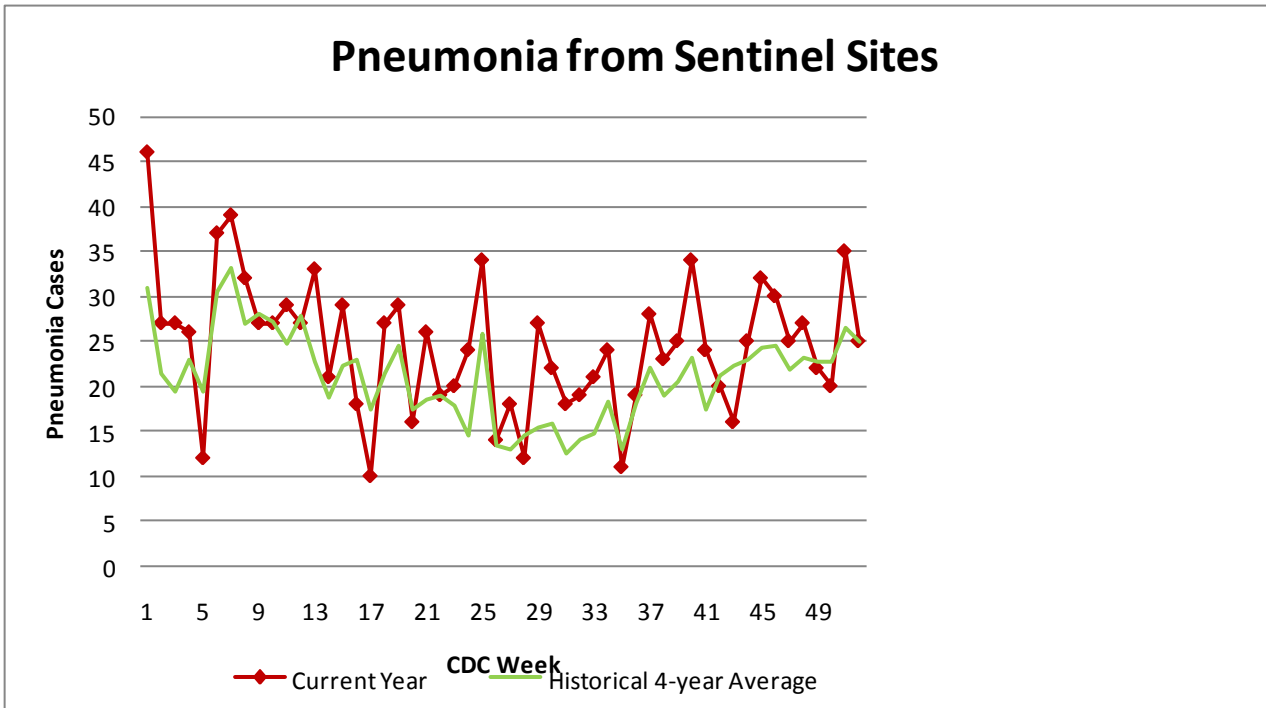


Figure 4 compares the number of pneumonia admissions against the average pneumonia from sentinel sites over the previous three years. The first 4 weeks of the year have reported above the historical average however in week 5 we dropped slightly below the 4-year average with 17 cases of pneumonia compared to the 19.5 4-year average. Please note, these numbers only include two of our area hospitals. Also please note that

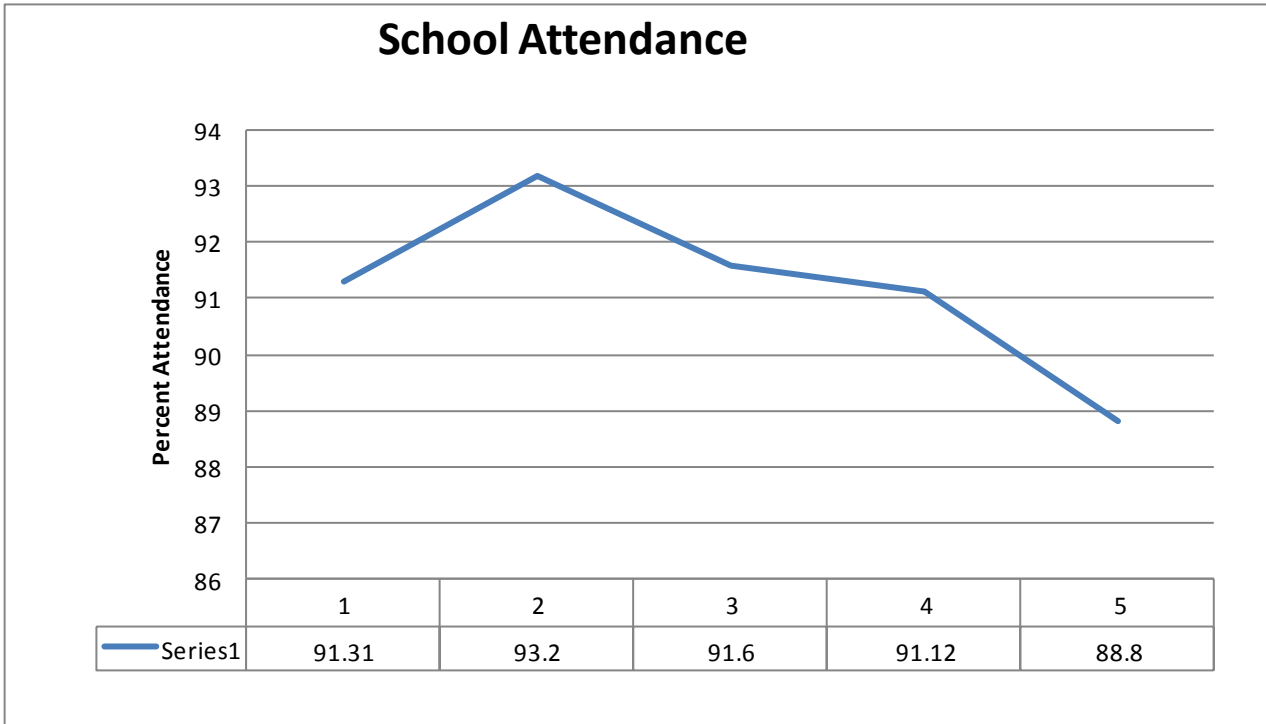


Figure 5 shows school attendance to date in 2011. for the first 5 weeks of the year, school attendance has been on a slight decrease for RPS District 205. We are currently re-evaluating how we interpret the data reported from our schools so this graph is a work in progress.

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)

Outside the County:

Illinois influenza activity (as of week 5):

Widespread

ILI Activity Level (Influenza like Illnesses reported)

Illinois is **High** on the scale

United States influenza activity (as of Week 5):

Widespread activity in 37 States

Regional activity in 9 states

Local activity in Washington DC

Sporadic in 3 US Territories and 4 States



Questions/Comments?

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