



Winnebago County Health Department



Weekly Influenza Surveillance Report CDC Week 4 January 23-29 2011

In Brief:

Mortality

Confirmed deaths from Pneumonia/Influenza Week 4: **7**

Percent of deaths due to Pneumonia/Influenza: **10.14%**

Baseline—**1.8%**, Epidemic—**7.9%**

School Attendance

Sentinel Attendance – All Schools – Week of 01/24 – 01/28: **91.12%**

Influenza-Like Illness Surveillance

Sentinel Site ILI rate (3 sites participating)—Week Ending January 29th: **2%**

Pneumonia Hospital Admissions

Week Ending January 29th: **26**

Previous Week Ending January 22nd: **27**

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

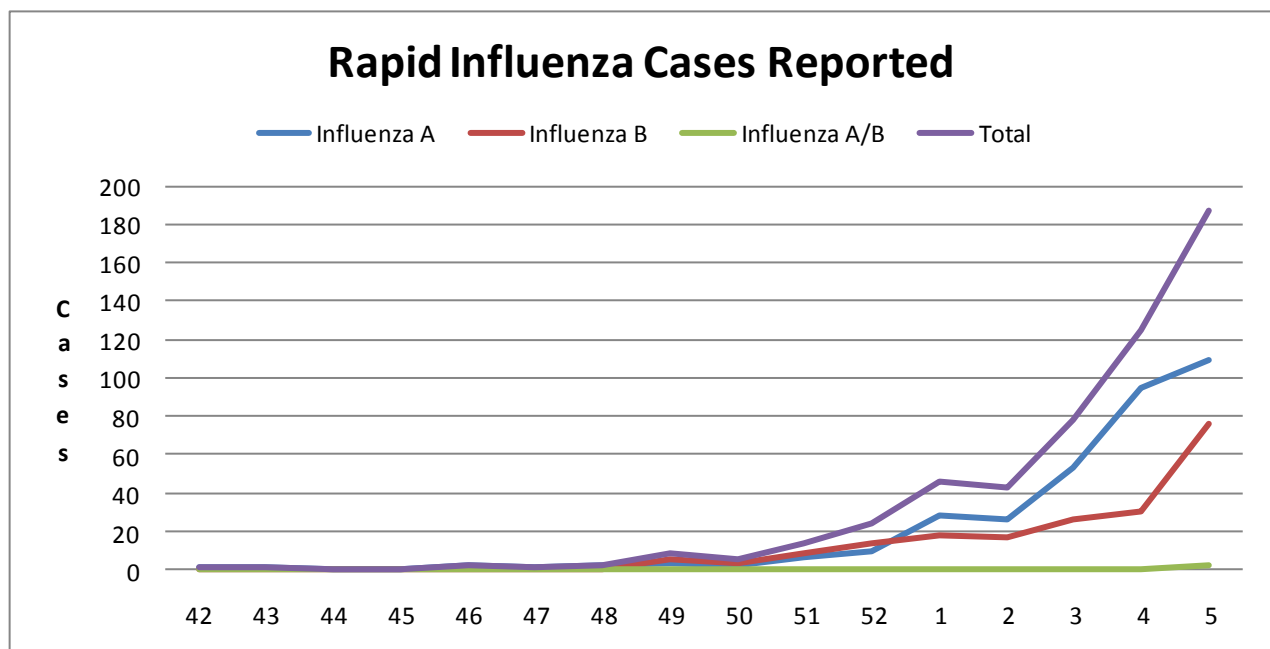


Figure 1 displays the current number of rapid flu cases reported to our department. Ending numbers for CDC week 4 in Winnebago County show 292 total positive rapid flu reported. Numbers are on the increase in weeks 5 and 6 and flu season has not yet peaked this year.

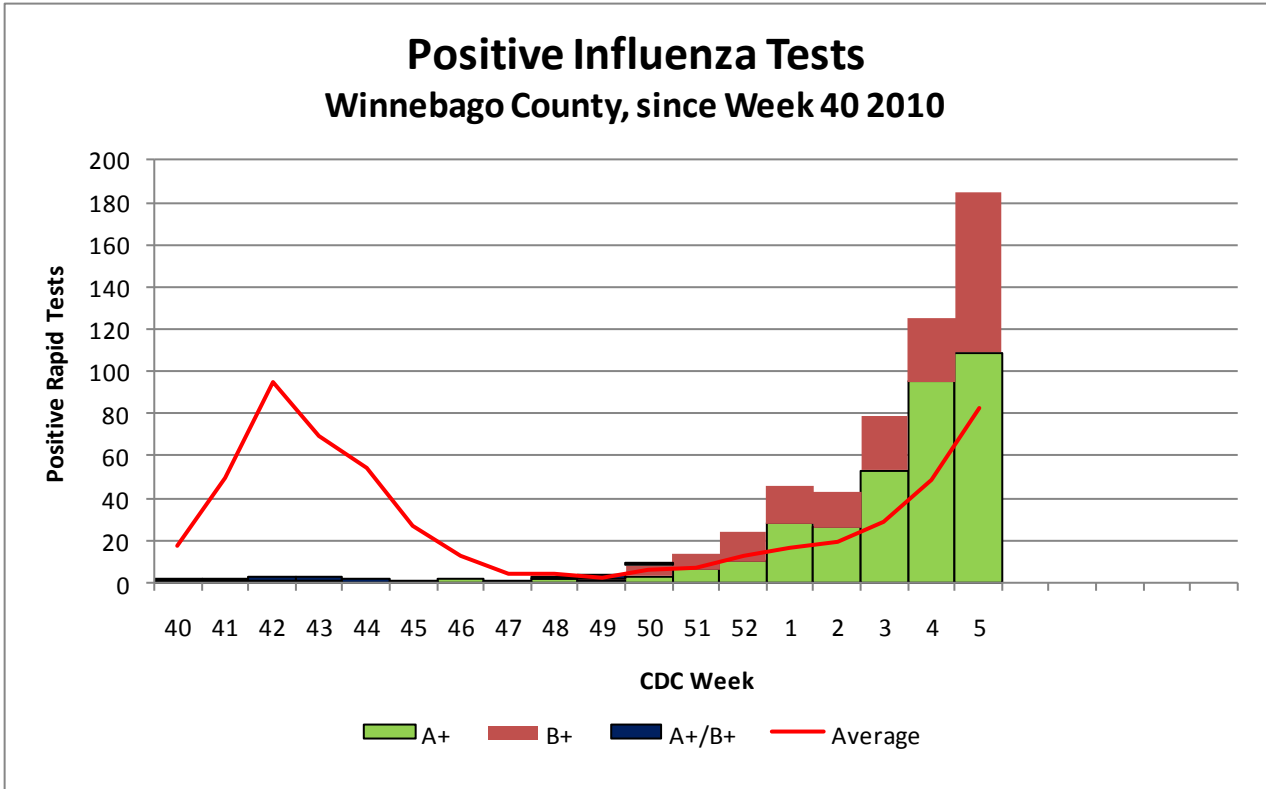


Figure 2 represents the number of positive rapid influenza (broken down by influenza sub-typing) compared to a 4-year historical average. We are currently above the 4-year average for flu cases in our county. For example, the 4-year historical average for Week 4 is currently 48.75 while our reported cases totaled 125 for the same week this year.

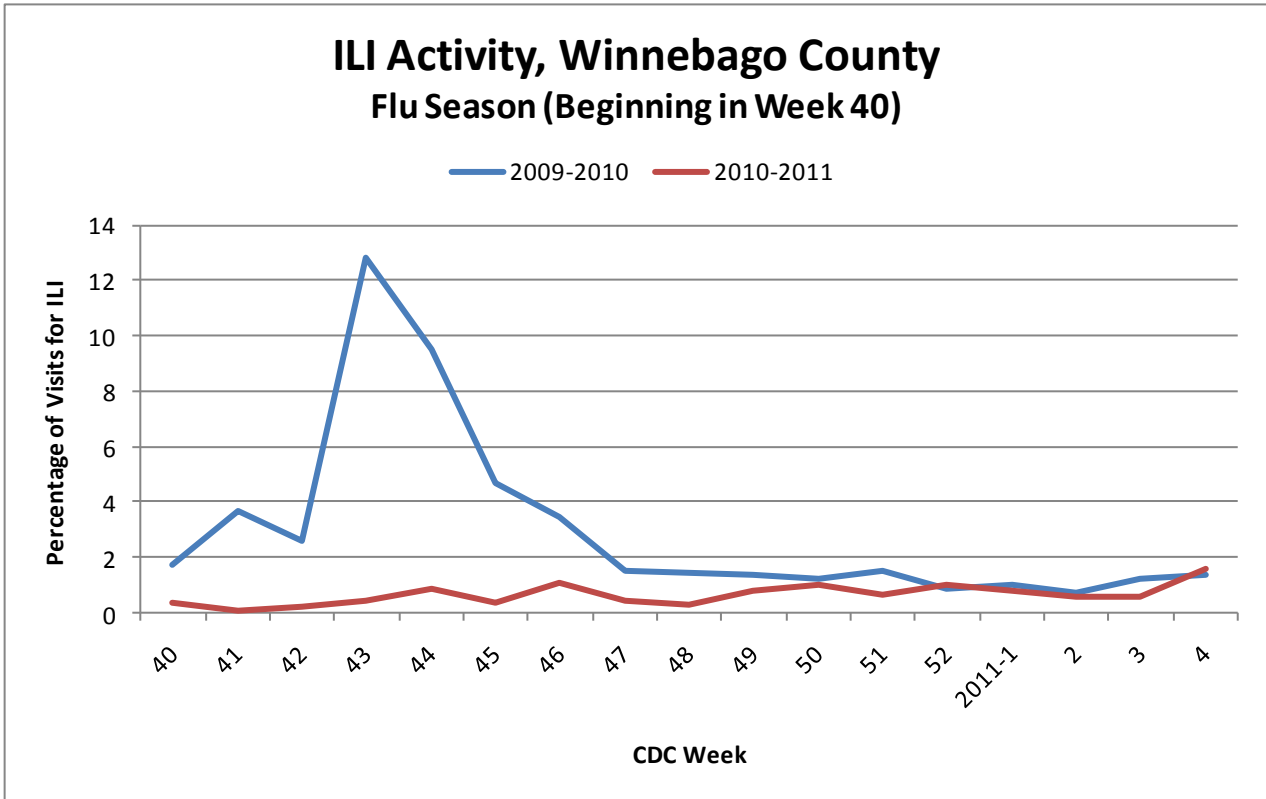


Figure 3 is the representation of all visits from sentinel sites* for Influenza-Like Illness, or ILI. Our three sentinel sites have reported little to no ILI for week 4. Their numbers so far for 2011 are similar to the trend seen last year.

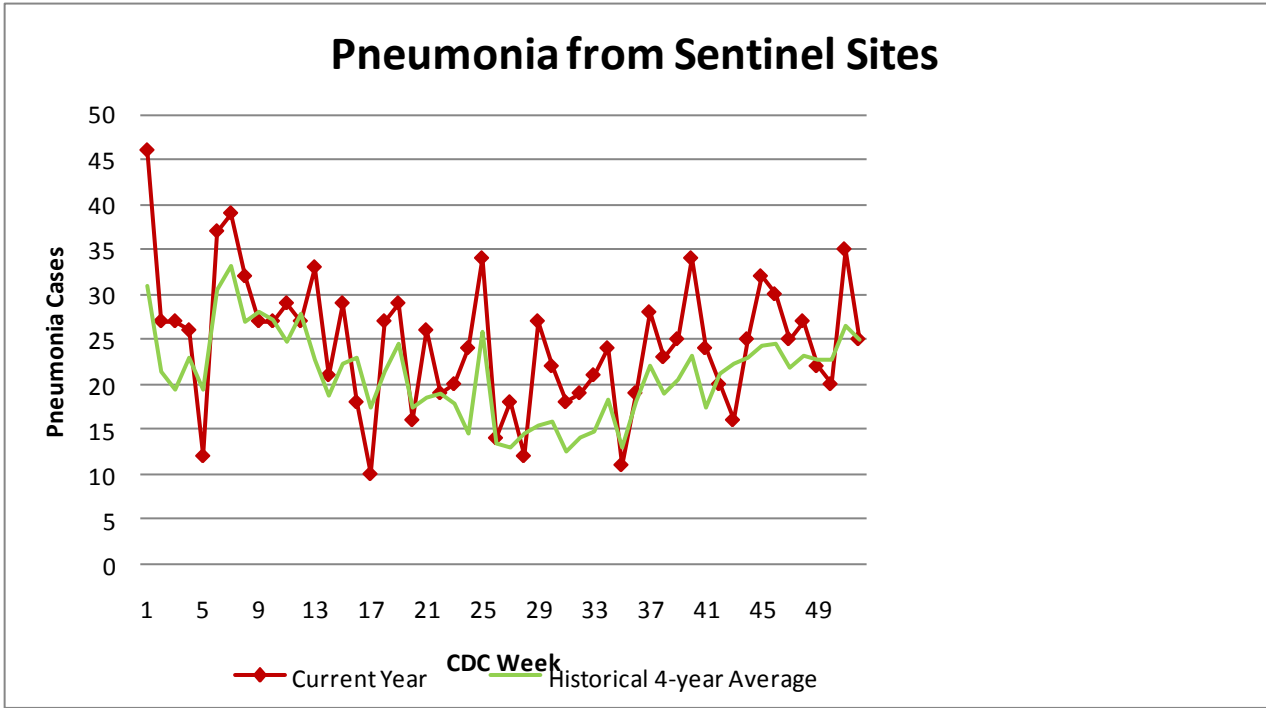


Figure 4 compares the number of pneumonia admissions against the average pneumonia from sentinel sites over the previous three years. The first 4 weeks of the year have reported above the historical average. Please note, these numbers only include two of our area hospitals. Also please note that numbers for CDC week 5 for 2011 are still arriving.

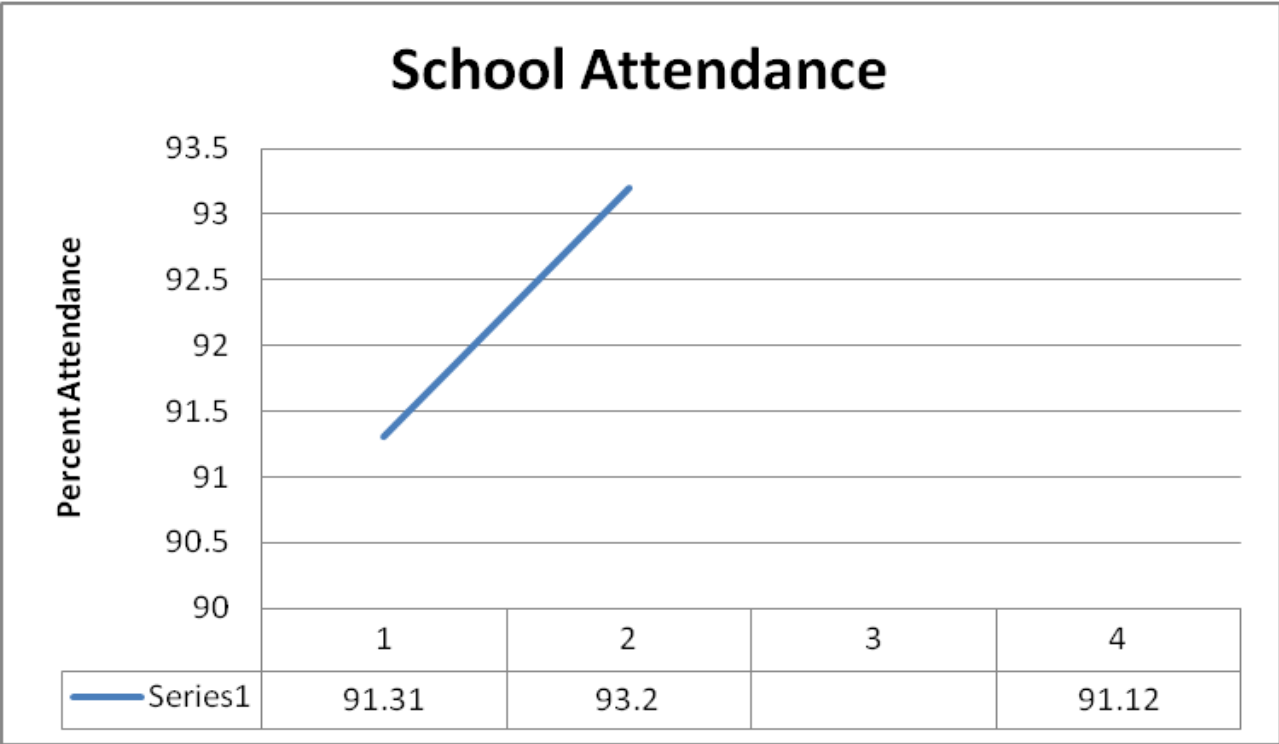


Figure 5 shows school attendance to date in 2011. for the first 4 weeks of the year, school attendance has been above 90%. We do not currently have the report from the Rockford Public School for Attendance for week 3. Also, we are currently re-evaluating how we interpret the data reported from our schools 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 4):

Widespread

ILI Activity Level (Influenza like Illnesses reported)

Illinois is **High** on the scale

United States influenza activity (as of Week 4):

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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