



Winnebago County Health Department



Weekly Influenza Surveillance Report CDC Week 7 February 13-February 19 2011

In Brief:

Mortality

Confirmed deaths from Pneumonia/Influenza Week 7: **3**

Percent of deaths due to Pneumonia/Influenza: **4.84%**

Baseline—**1.8%**, Epidemic—**7.9%**

School Attendance

Sentinel Attendance – All Schools – Week of 02/14 – 02/18: **96.37%**

Influenza-Like Illness Surveillance

Sentinel Site ILI rate (3 sites participating)—Week Ending February 19th:
6.35%

Pneumonia Hospital Admissions

Week Ending February 19th: **51**

Previous Week Ending February 12th: **24**

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

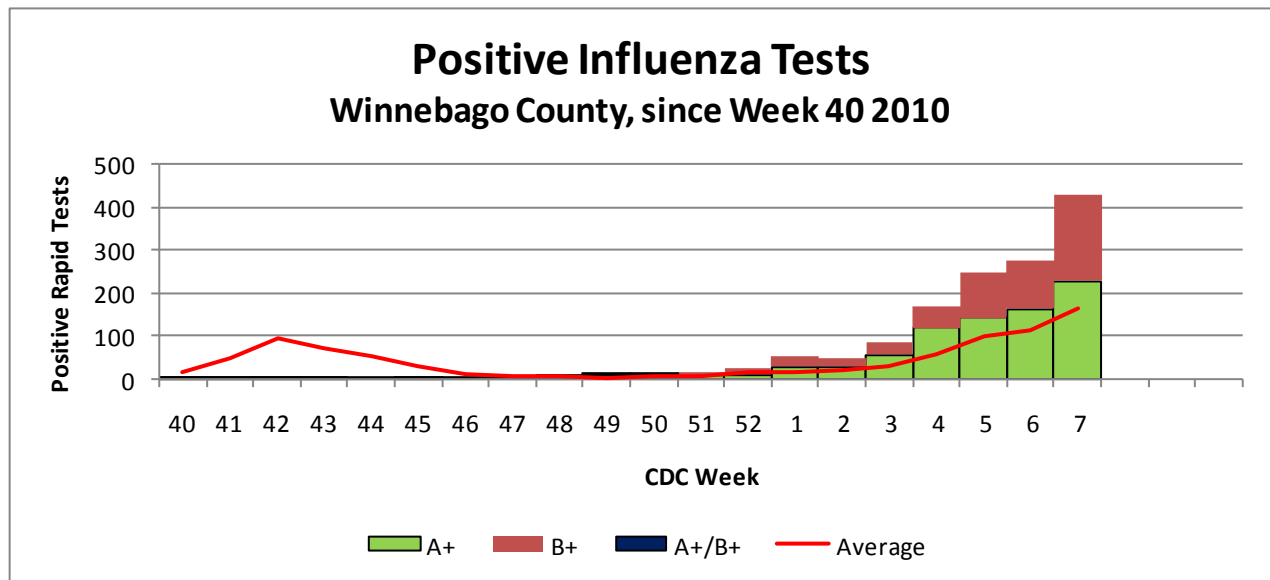


Figure 1 displays the current number of rapid flu cases reported to our department for the 2010-2011 flu season (broken down by influenza sub-typing) compared to a 4-year historical average (red line). Ending numbers for CDC week 7 in Winnebago County show 1709 total positive rapid flu reported for this flu season. We are currently above the 4-year average for flu cases in our county. The historical average for Week 7 is currently 162.50 while our reported cases show 433 total for this week alone.

Weekly Percentage of Visits as identified by Essence

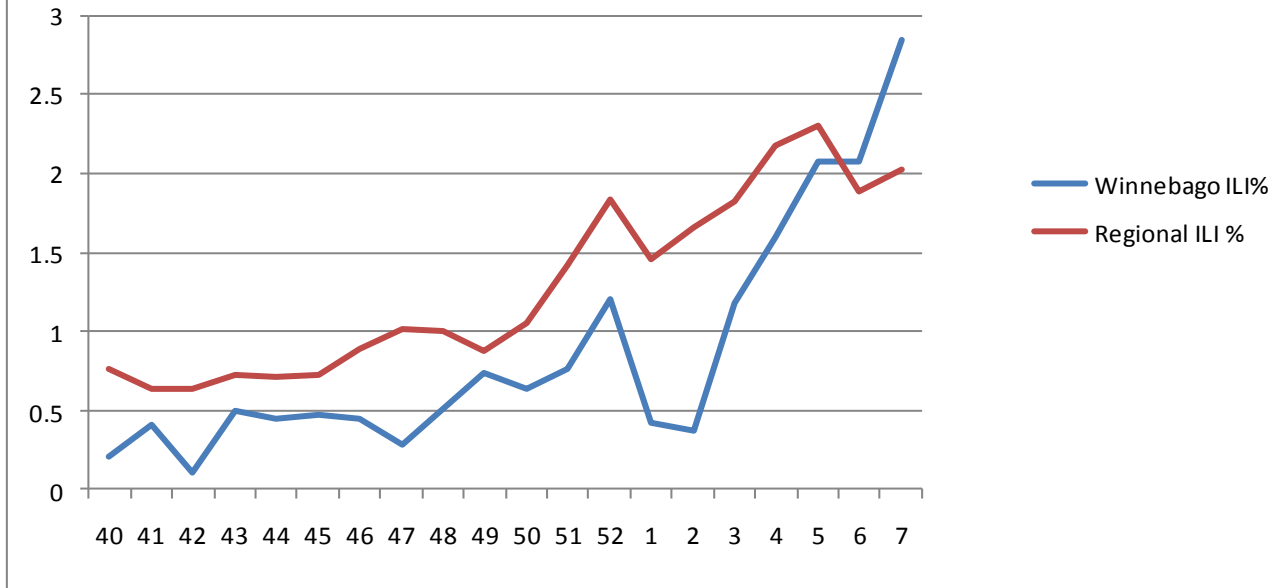


Figure 2 displays the weekly percentage of ILI as identified by Essence. The blue line shows percentage of ILI Emergency Department visits in Winnebago County from our two participating hospitals and the red line shows the regional ILI percentage for all counties participating in the Essence Syndromic Surveillance System. As of CDC week 7 Winnebago County is above the regional level for percentage ILI at 2.84% while the region overall was 2.02%.

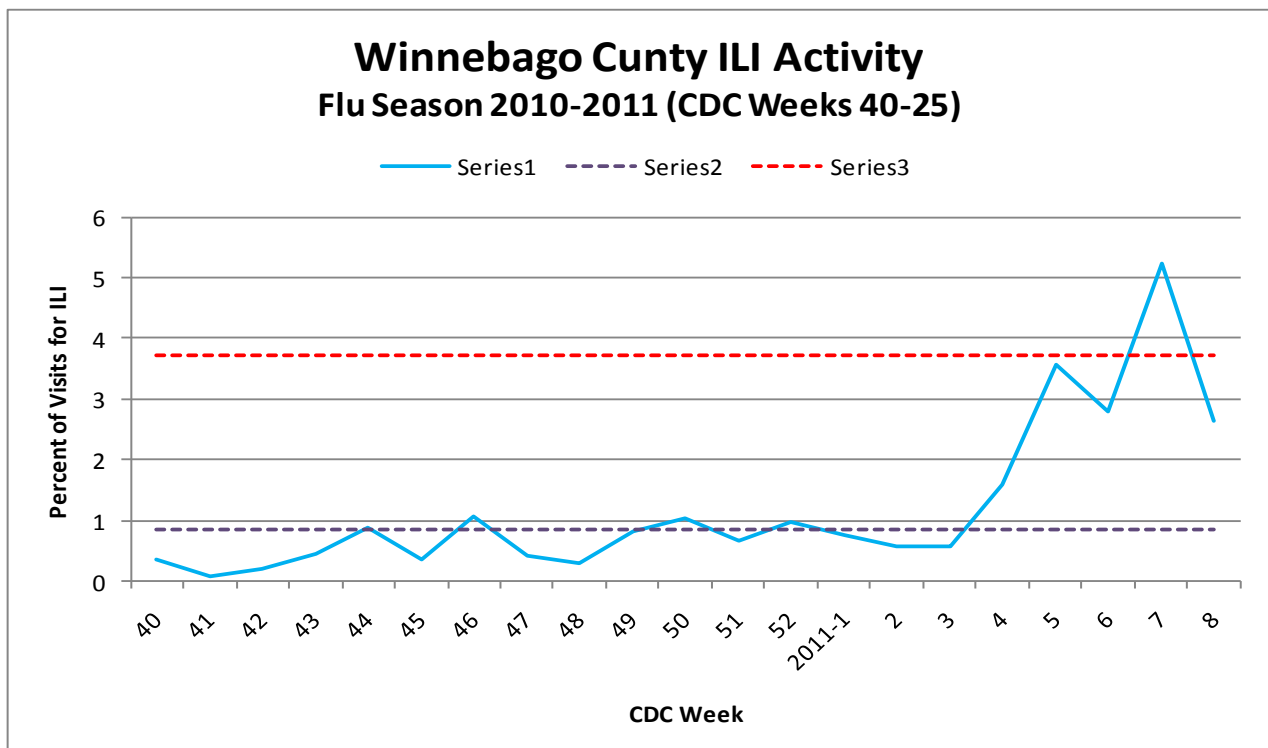


Figure 3 is the representation of all visits from our sentinel sites not participating in Essence for Influenza-Like Illness, or ILI. our three sentinel sites have reported a total of **6.35%** ILI for week 6. Their numbers so far for week 7 2011 are up slightly from the trend seen last year.

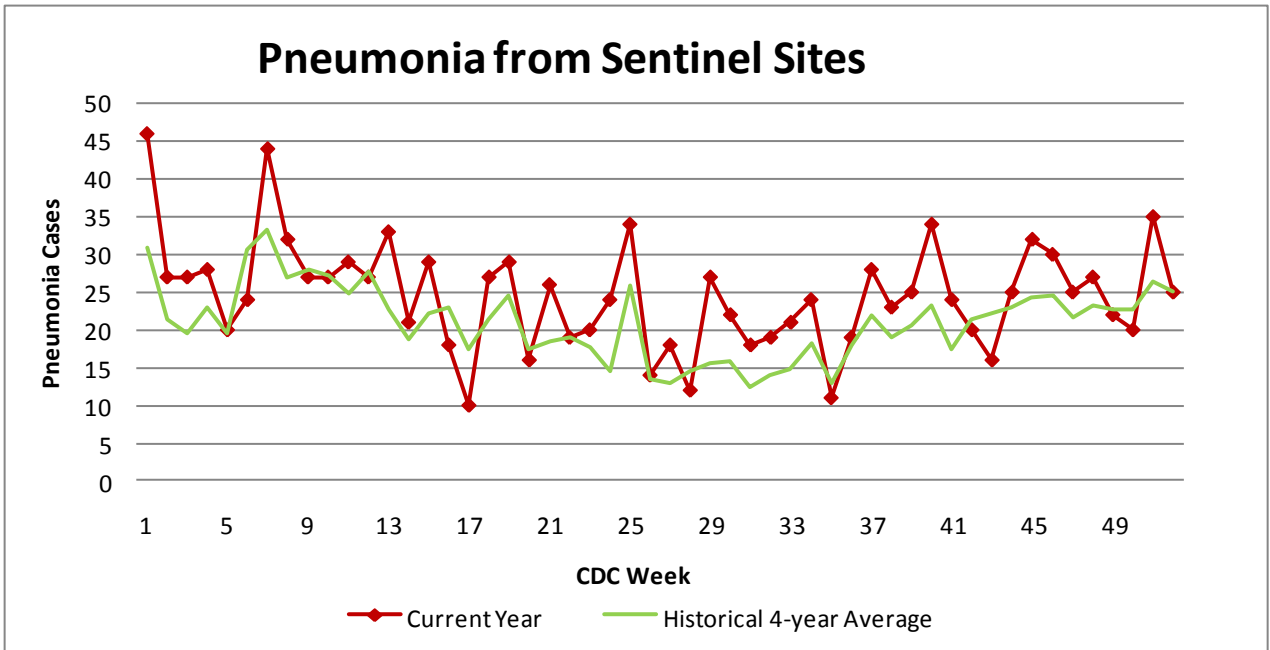


Figure 4 compares the number of pneumonia admissions against the average pneumonia from sentinel sites over the previous 4 years. The first 4 weeks of the year have reported above the historical average however in weeks 5 and 6 we dropped slightly below the 4-year average with 17 cases of pneumonia compared 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. Week 7 brought us back over the 4-year average of 33.25 with 51 total cases of pneumonia admits to our two participating hospitals. Please note that final numbers for week 7 and numbers for CDC week 8 and 9 for 2011 are still arriving.

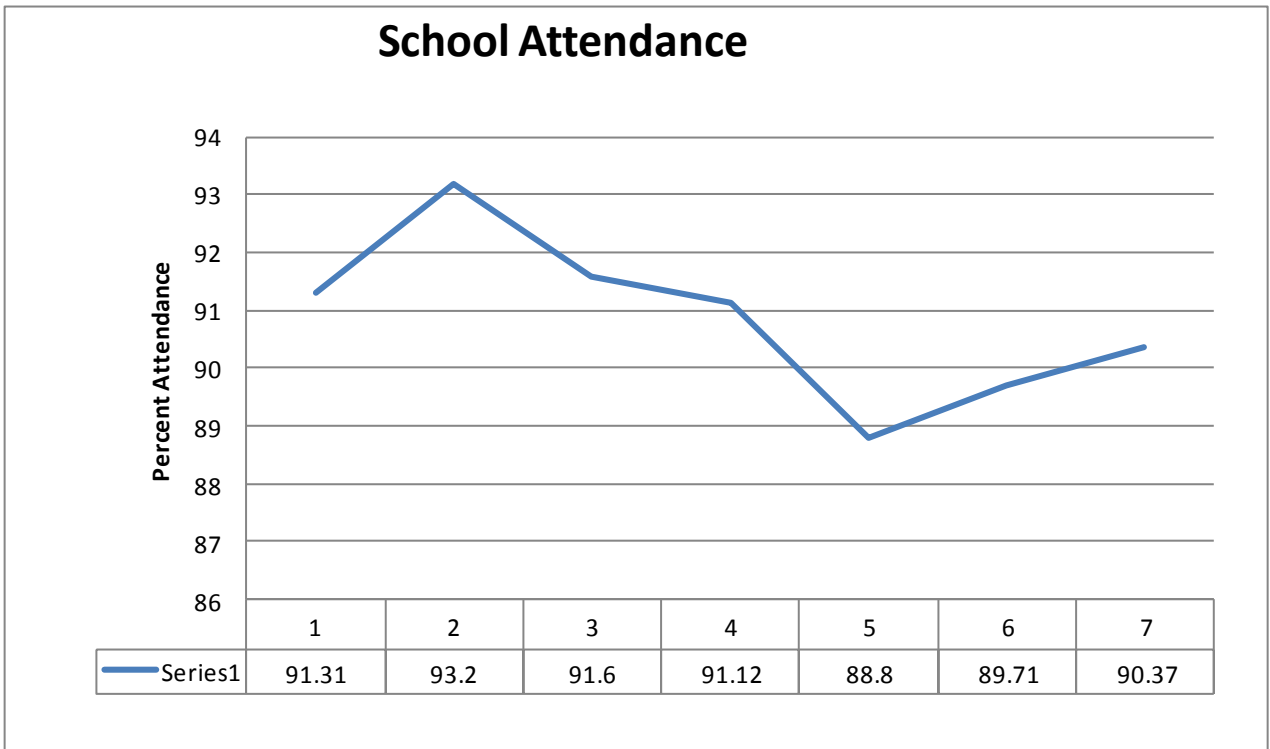


Figure 5 shows school attendance to date in 2011. for the first 5 weeks of the year, school attendance was on a slight decrease for RPS District 205 but is now on the rise in weeks 6 and 7. This weeks current attendance rate for week 7 is back above 90% at 90. 37%

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): 3 (IDPH)

Outside the County:

Illinois influenza activity (as of week 7):

Widespread

ILI Activity Level (Influenza like Illnesses reported)

Illinois is **High** on the scale

United States influenza activity (as of Week 7):

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 (Hawaii and Oregon)

NO influenza activity in Guam



Questions/Comments?

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