



# Winnebago County Health Department



## Weekly Influenza Surveillance Report CDC Week 11 March 13-19 2011

### In Brief:

#### ***Mortality***

Confirmed deaths from Pneumonia/Influenza Week 11: **7**

Percent of deaths due to Pneumonia/Influenza: **12.07%**

Baseline—**1.8%**, Epidemic—**7.9%**

#### ***School Attendance***

Sentinel Attendance – All Schools – Week of 03/14 – 03/19: **91.59%**

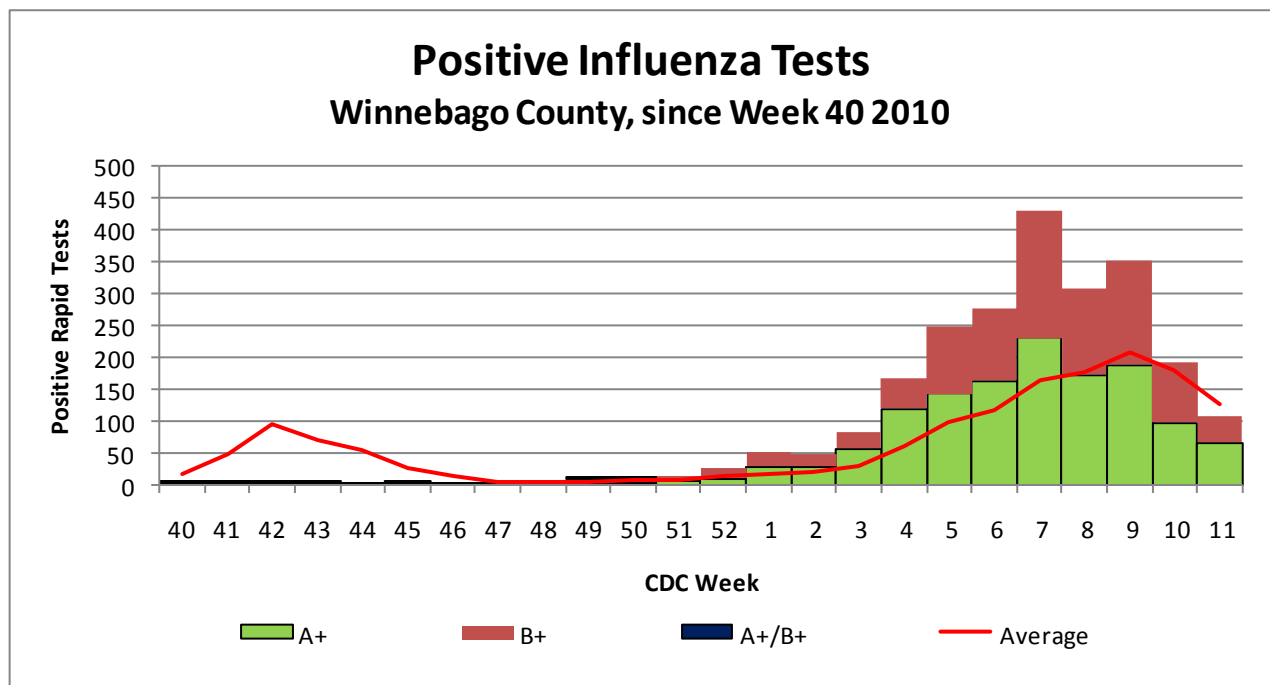
#### ***Influenza-Like Illness Surveillance***

Sentinel Site ILI rate (average of 3 sites participating)—Week ending March 19th: **2.00%**

#### ***Pneumonia Hospital Admissions***

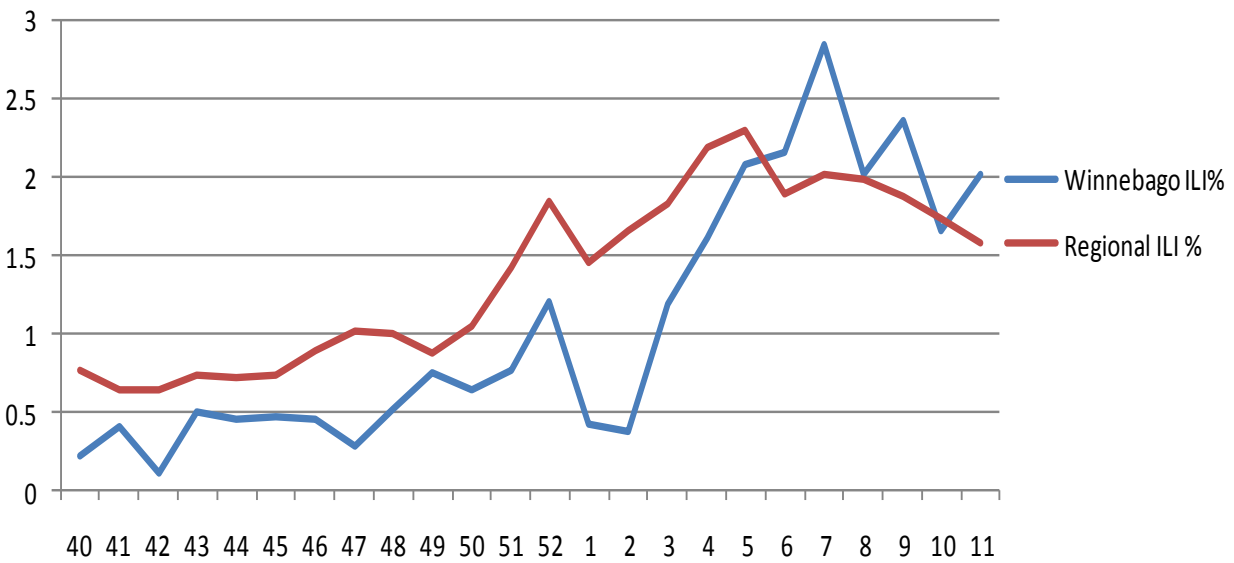
Week ending March 19th: **34**

Previous Week ending March 12th: **41**



**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 (the red line). Ending numbers for CDC week 11 in Winnebago County show 2384 total positive rapid flu reported for this flu season. For the first time this year, we are below the 4-year average for flu cases in our county. The historical average for Week 11 is currently 125.50 while our reported cases show 110 total for this week

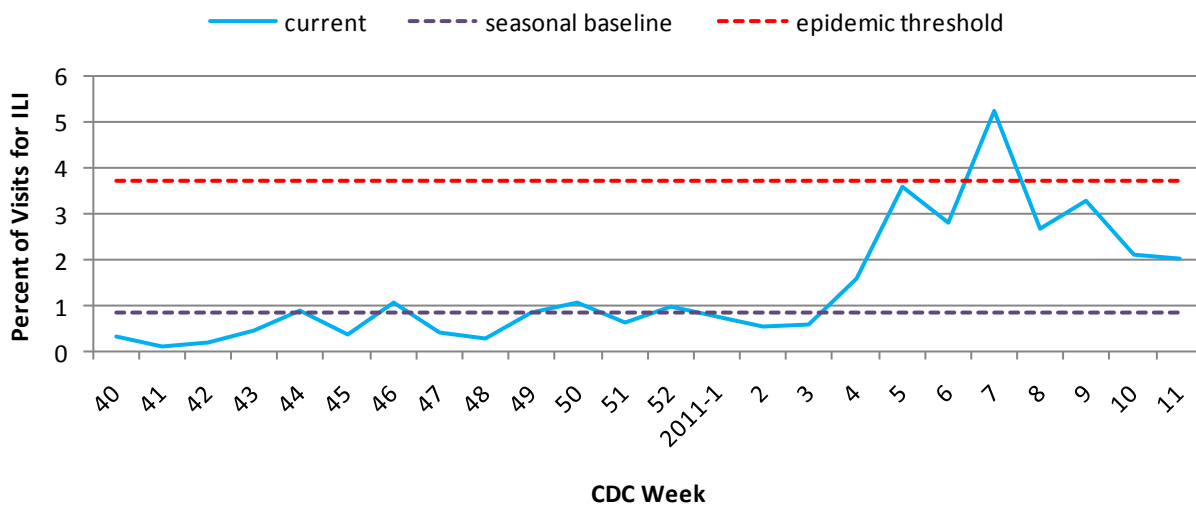
## Weekly Percentage of Visits as Identified by Essence



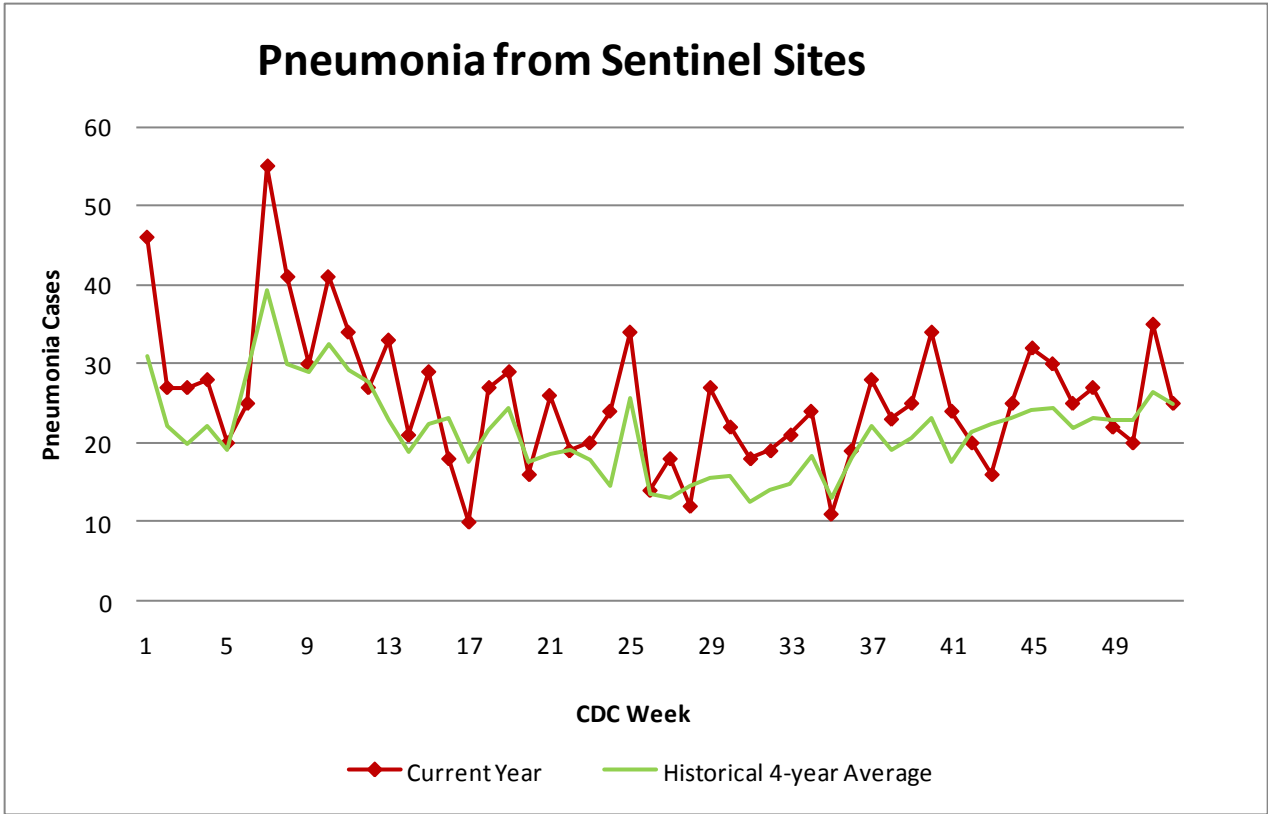
**Figure 2** displays the weekly percentage of ILI as identified by Essence. The blue line shows percentage of ILI Emergency Department visits in Winnebago County from our two participating hospitals and the red line shows the regional ILI percentage for all counties participating in the Essence Syndromic Surveillance System. As of CDC Week 11 Winnebago County ILI rates have increased while regional ILI rates continued to decrease. Our county is back above the regional level for percentage ILI (Winnebago is at a rate of **2.02%** while the region overall was **1.58%** for Week 11).

## Winnebago County ILI Activity

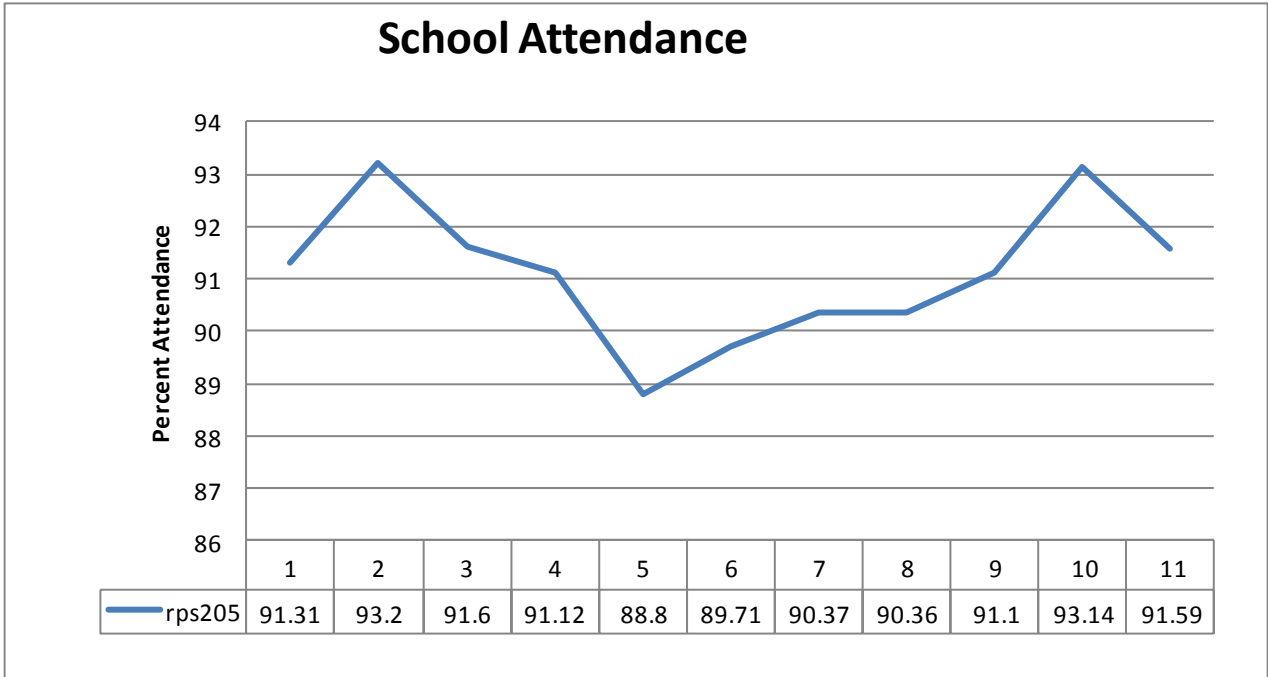
Flu Season 2010-2011 (CDC Weeks 40-11)



**Figure 3** is the representation of all visits from our sentinel sites not participating in Essence for Influenza-Like Illness, or ILI. Of our three sentinel sites, two sites have reported an ILI % for Week 11 and the average ILI reported is **2.00%**. Our weekly average is above seasonal baseline of 0.84% but below the epidemic threshold of 3.71%.



**Figure 4** compares the current number of pneumonia hospital admissions (red line) against the 4-year historical average (the green line). For 2011, we have been above the four year historical average for all weeks except CDC Week 6. For CDC Week 11 a total of 34 cases reported coming in right above the 4-year historical average of 29.25. Some numbers for CDC week 10 and 11 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 was on the rise in weeks 6-10. For CDC Week 11, current attendance rate is holding steady above 90% at 91.59%

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

Number of confirmed Novel H3N2 influenza cases to date in Winnebago County (2011): 6 (IDPH)

Number of confirmed Novel Influenza B cases for to date in Winnebago County (2011): 7 (IDPH)

## Outside the County:

Illinois influenza activity (as of Week 11):

**LOCAL**

ILI Activity Level (Influenza like Illnesses reported)

Illinois is **LOW** on the scale

United States influenza activity (as of Week 11):

**Widespread** activity in 18 States

**Regional** activity in 22 states

**Local** activity in Washington DC and 7 states

**Sporadic** activity Guam, Puerto Rico, the U.S. Virgin Islands and three states (Delaware, Florida, and Indiana)



### Questions/Comments?

Amanda Mehl, MPH  
Epidemiologist  
Health Promotion and Protection  
Winnebago County  
Health Department  
401 Division Street  
Rockford, IL 61104  
815-720-4215



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