



# Winnebago County Health Department



## Weekly Influenza Surveillance Report CDC Week 20 May 15th-May 21st 2011

### In Brief:

#### **Mortality**

Confirmed deaths from Pneumonia/Influenza Week 20: 2

Percent of deaths due to Pneumonia/Influenza: **3.08%**

Baseline—**1.8%**, Epidemic—**7.9%**

#### **School Attendance**

Sentinel Attendance – All Schools – Week of 05/13– 05/20: **91.42%**

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

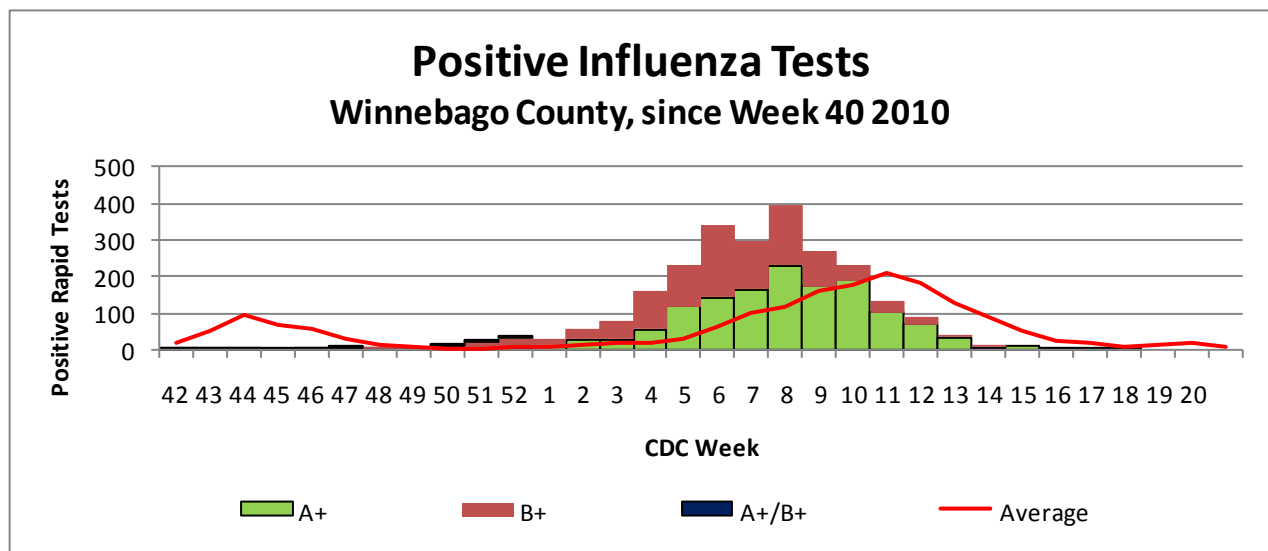
Sentinel Site ILI rate (average of 3 sites participating)—week ending May 21st:  
**0.26%**

#### **Pneumonia Hospital Admissions**

Week Ending May 21st: **30**

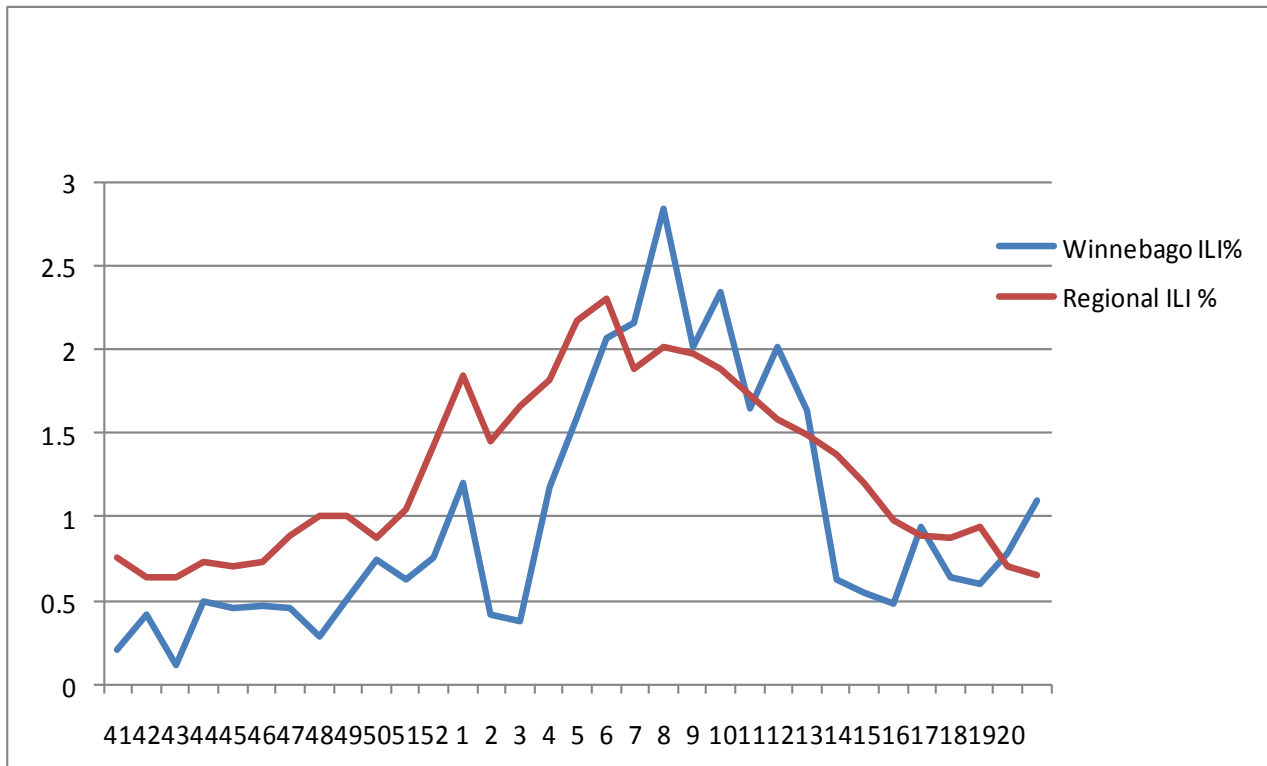
Previous Week Ending May 14th: **29**

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

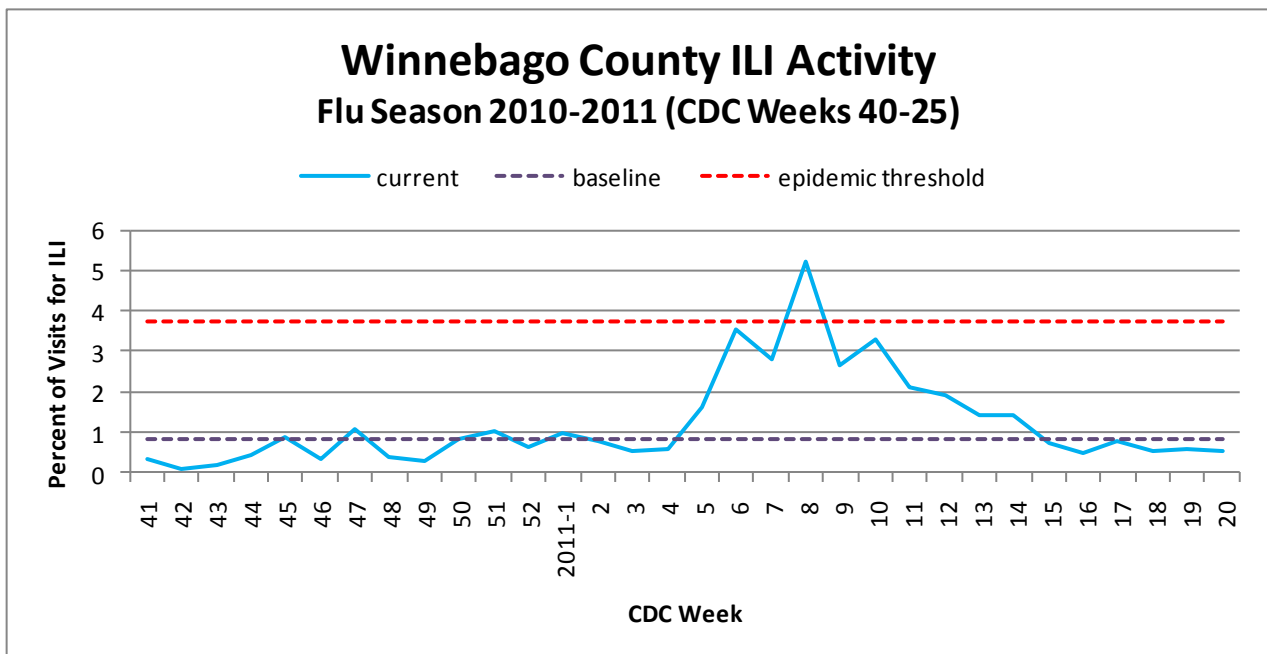


**Figure 1** displays the current number of rapid flu cases reported to our department for the 2010-2011 flu season (broken down by influenza sub-typing) compared to a 4-year historical average (the red line). Ending numbers for CDC Week 20 in Winnebago County show 2476 total positive rapid flu reported for this flu season. The historical average for Week 20 is currently 11 while once again we no flu cases reported for this week.

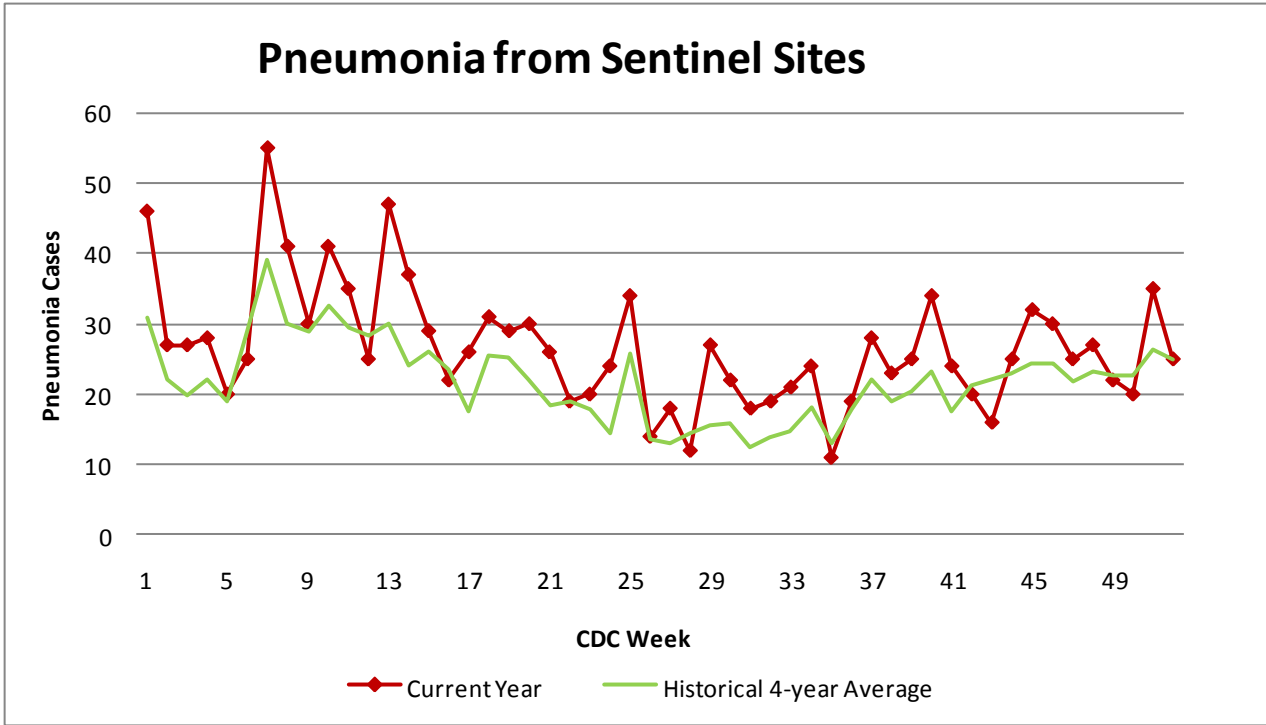
## Weekly Percentage of Visits as Identified by Essence



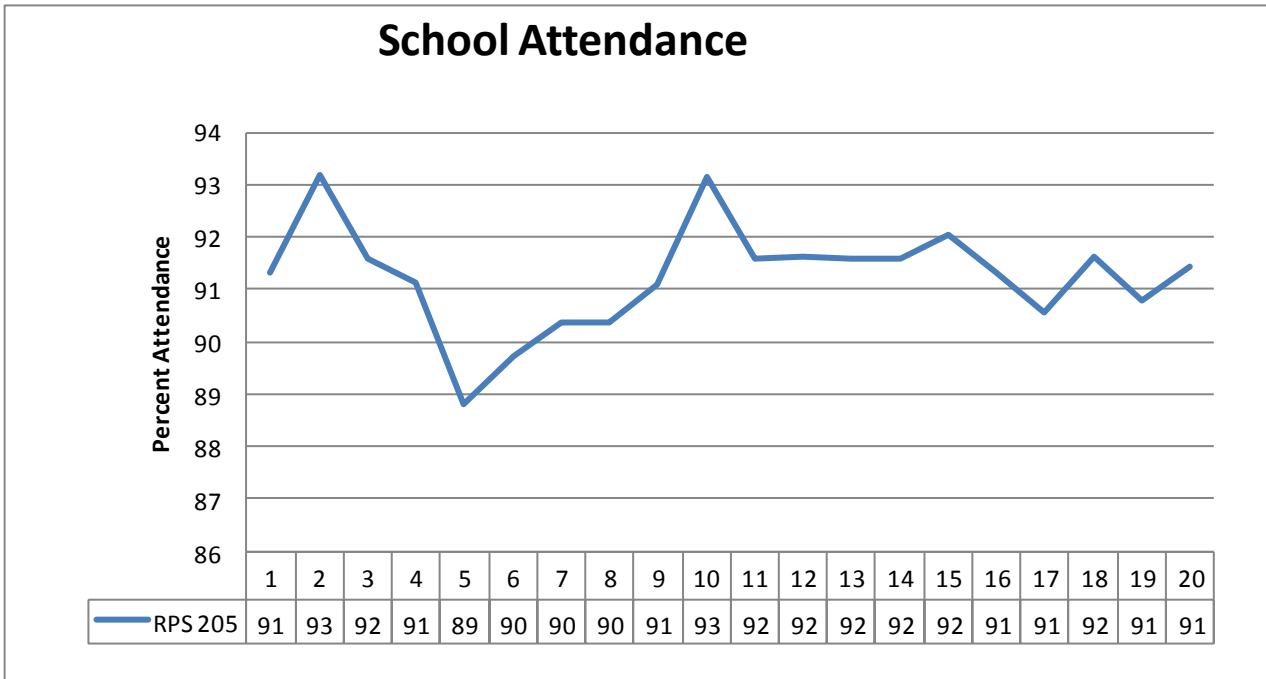
**Figure 2** displays the weekly percentage of Influenza-Like Illness (ILI) as identified by the Essence Syndromic Surveillance System. The blue line shows percentage of ILI Emergency Department visits in Winnebago County from our two participating hospitals and the red line shows the regional ILI percentage for all counties participating in ESSENCE. For CDC Week 20, our county is at a rate of **1.1% which is above the regional ILI percent 0.65%** for Week 20.



**Figure 3** is the representation of all visits from our sentinel sites not participating in Essence for ILI. The average among our three sentinel sites for ILI % for Week 20 of **0.26%**. The ILI percents from our three sentinel sites continues on a steady decrease. Our weekly average has dropped below the seasonal baseline of 0.84% for the fourth week in a row.



**Figure 4** compares the current number of pneumonia hospital admissions (red line) against the 4-year historical average (the green line). The first 5 weeks of the year reported above the historical average and dropped slightly below the 4-year average in week 6. Weeks 7 –11 brought us back over the 4-year averages and week 12 came in below the historical average. Weeks 13, 14, and 15 were above the 4-year average and week 16 was slightly below the 4-year average. CDC Weeks 17,18,19 came in just above the 4-year historical averages and for CDC Week 20, we continued above the 4-year historical average of 22 with 30 hospital admittances reported. Numbers for weeks 18, 19, and 20 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 has held steadily above 90% for weeks 6-18. For CDC Week 20 school attendance increased slightly to 91.42%

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): 5 (IDPH)

Number of confirmed Novel Influenza B cases for to date in Winnebago County (2011): 11 (IDPH)

## Outside the County:

Illinois influenza activity (as of Week 20):

**NO Activity**

ILI Activity Level (Influenza like Illnesses reported)

Illinois is **MINIMAL** on the scale

United States influenza activity (as of Week 20):

**No states** reported widespread, regional, or local influenza activity

**Sporadic** activity influenza activity was reported in

Puerto Rico and 21 states

Washington DC, the U.S. Virgin Islands, Guam, and 29 states including Illinois reported **NO INFLUENZA ACTIVITY**



### 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.