



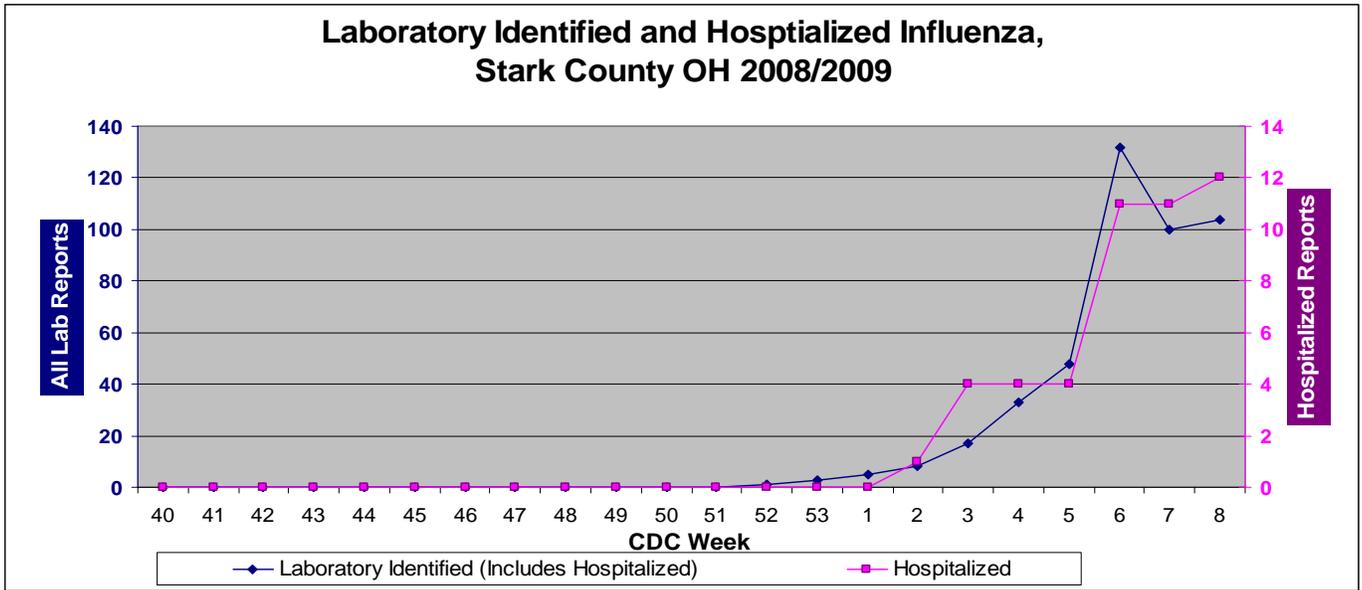
## STARK COUNTY INFLUENZA SNAPSHOT, WEEK 08

Week ending 28 February, 2009. With updates through 03/08/2009.

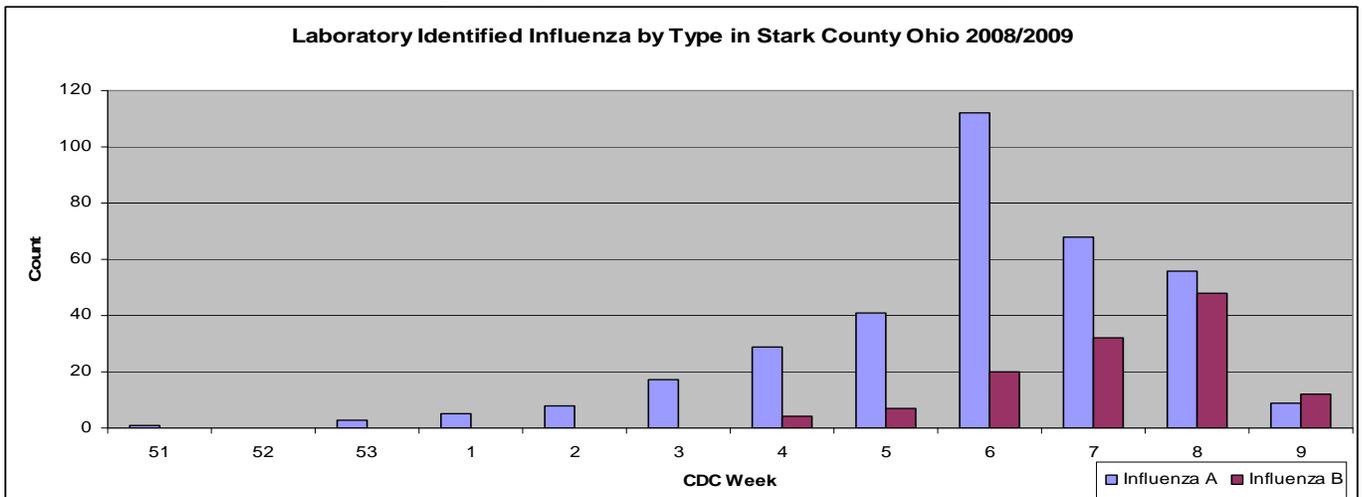
During week 08, County-wide indicators confirmed steady markers of influenza activity.

- In week 8, **104** individuals tested positive for influenza, a slight increase over the 100 seen in week 7: **12 were Influenza-Associated Hospitalizations** and 92 were laboratory confirmed non-hospitalized.
- Currently the Ohio Department of Health Laboratory is reporting 89 positive confirmed isolates (total through 3/3/09). Circulating Strains: (62) **Influenza A/ (H1N1)**, (27) Influenza B/Malaysia-like; 13 and 6 respectively from Stark County. Antiviral Resistance testing from the CDC indicates Influenza A (H1N1) viruses from 36 states are **resistant to oseltamivir** so far this season.
- Year-To-date reports indicate identification of **112 Type B** and **361 Type A** throughout Stark County. In week 8, Type B accounted for greater than **46% of** all reports received and **42% of** the hospitalizations. To date the Type B strain identified in Ohio is **NOT a match** to this year's vaccine. (See graph 2)
- Year-to-date, 473 medically identified cases have been reported in Stark County. Of those reported with age information, the age range is 1 month to 80 years with a mean of 23.6 years and a median of 20 years. With a rate of 13 per 10,000 in the 0-4 year old age group, they are most likely to be laboratory confirmed. A recent shift now reveals the highest rate of hospitalization is in the 65 and older population with a rate of 1.7 per 10,000.
- School Absenteeism saw little change during week 8. (See Graph3)
- Nationally and locally Sentinel Providers reported **steady activity**.(See Graph 4)
- Real-Time Outbreak and Disease Surveillance (RODS) data reflected stable sales of Cough/Cold products. (See Graph5)
- The percentage of Emergency Department visits classified as Respiratory **decreased** to 15.29% from 17.86% in week 7. Constitutional visits remained steady at 8.59 %.(See Graph 6)
- Of 48 states, 31 including Ohio are reporting **Widespread** Influenza activity (up from 27 last week), Regional activity was reported by 16, and sporadic activity in one. (See Map)
- National Pneumonia and Influenza (P & I) Mortality Surveillance remained relatively stable at 7.2% of all deaths reported through the 122 Cities Mortality Reporting System as due to P & I. Nationally, a total of 22 Influenza-Associated Pediatric deaths have occurred this influenza season, none in Ohio. Note: bacterial confections were confirmed in **14 of 20**.

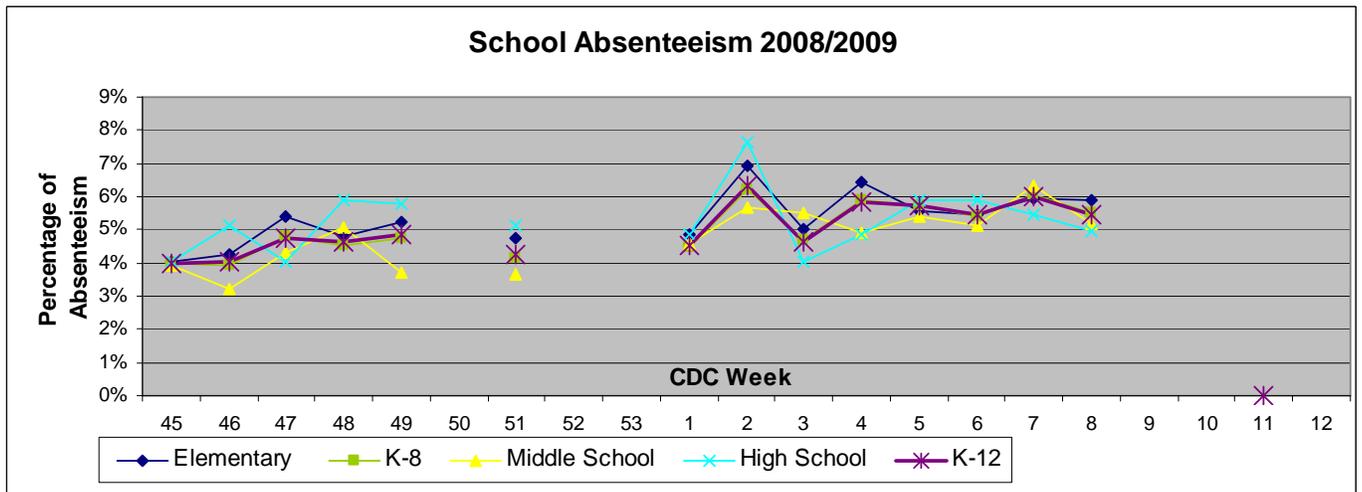
**Graph 1:** Number of Influenza-Associated Hospitalizations and medically identified cases of Influenza (cases reported from a medical provider or laboratory; established with a minimum of rapid test confirmation).



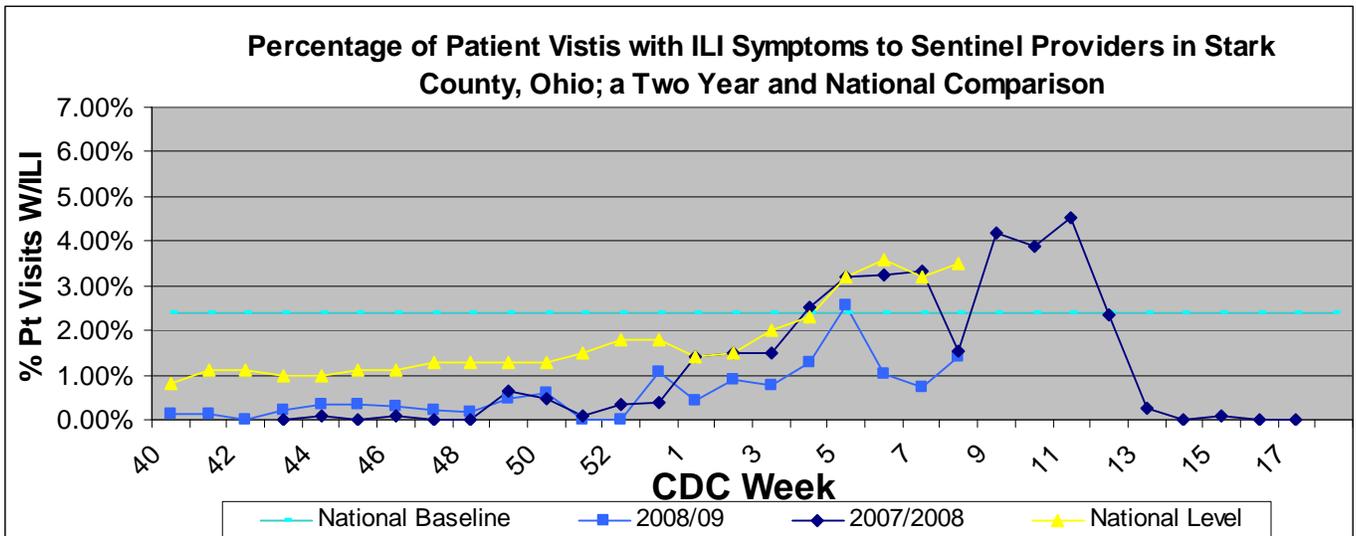
**Graph 2:** Laboratory Identified Influenza by Type in Stark County Ohio 2008/2009. (Laboratory identified includes Commercial Rapid Diagnostic Kits, EIA and Viral Cultures)



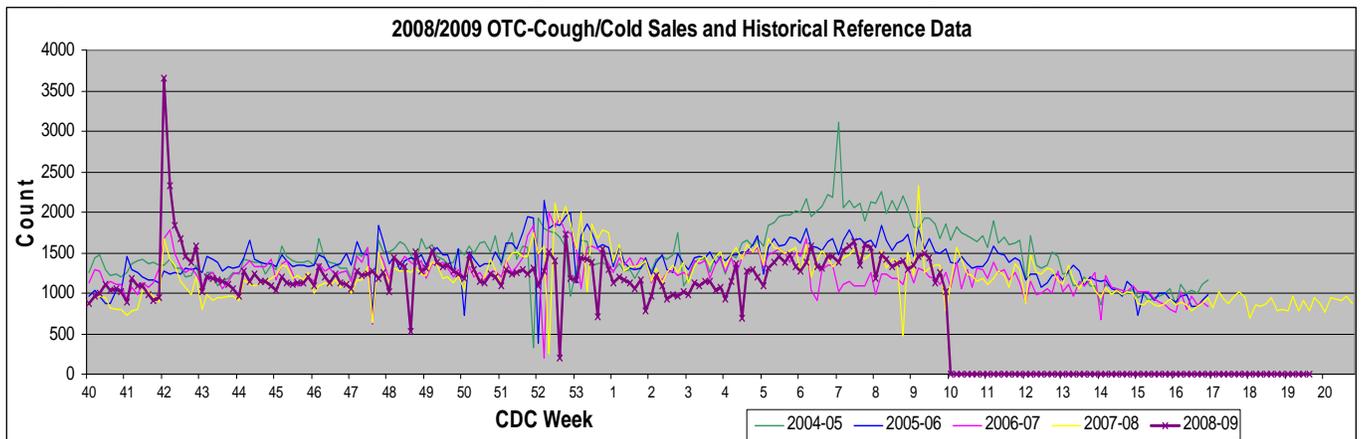
**Graph 3:** School Absenteeism. (School reports are primarily from the Alliance and Canton city areas.)



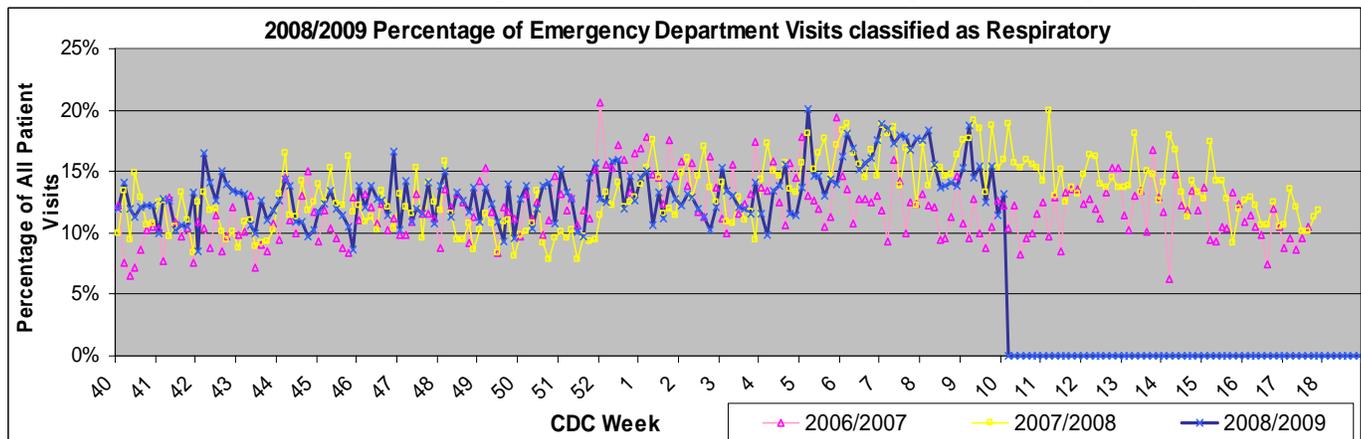
**Graph 4:** Sentinel Provider visits for ILI in Stark County Ohio and the Nation.



**Graph 5** Sales of Over-The-Counter Cough and Cold Medications, as reported by RODS.



**Graph 5** Percentage of Emergency Department Visits classified as Respiratory, as reported by HMS



Map: National Influenza Activity. Source [www.cdc.gov/flu/weekly](http://www.cdc.gov/flu/weekly)

