



## Weekly Influenza Report Week 21 (05/24/09-05/30/09)

### National Synopsis: Seasonal Influenza

During week 20 (May 17 - 23, 2009), influenza activity decreased in the United States, however there are still higher levels of influenza-like illness than is normal for this time of year.

- One thousand four hundred fifty (22.4%) specimens tested by U.S. World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories and reported to CDC/Influenza Division were positive for influenza.
- The proportion of deaths attributed to pneumonia and influenza (P&I) was below the epidemic threshold.
- One influenza-associated pediatric death was reported.
- The proportion of outpatient visits for influenza-like illness (ILI) was below the national baseline. Two of the 10 surveillance regions reported ILI above their region-specific baseline.
- Four states reported geographically widespread influenza activity, 11 states reported regional activity, the District of Columbia and 13 states reported local influenza activity, 21 states reported sporadic influenza activity, and one state reported no influenza activity.

### Delaware Influenza Surveillance: as of June 4, 2009

#### **Total Laboratory Confirmed Cases of Seasonal Influenza: 739**

**Influenza A: 451**

**Influenza B: 286**

**Influenza A&B: 2**

#### **Counties:**

- **New Castle – 328**
- **Kent – 247**
- **Sussex – 164**

**Age Range: 13 days – 94 years**

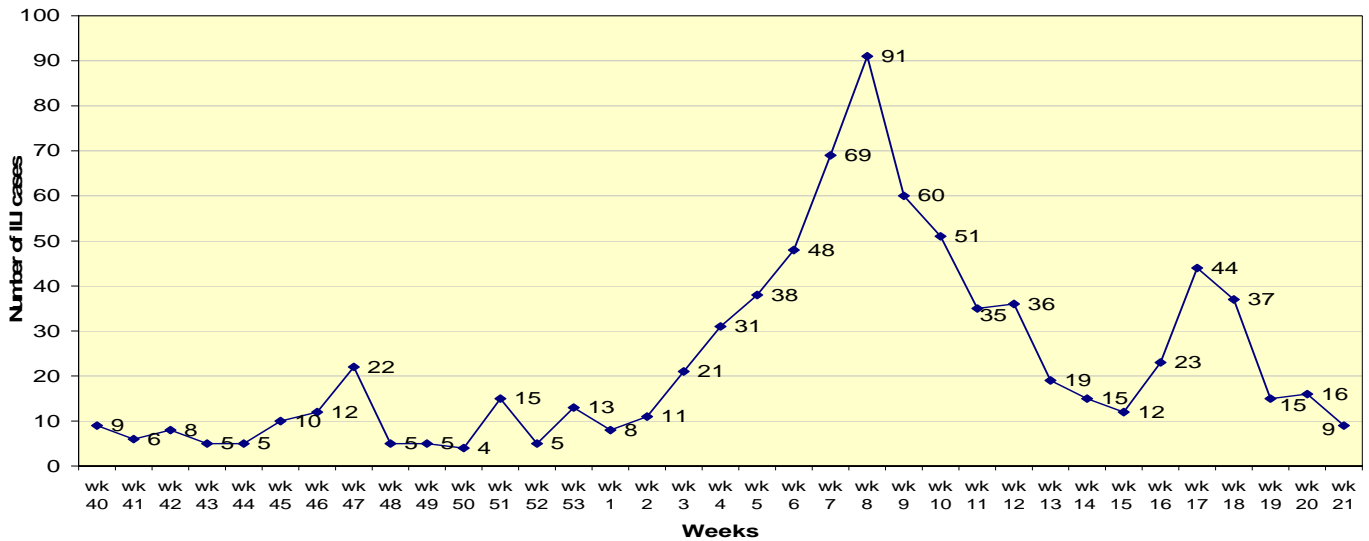
**Deaths: 1 reported in week 13**

**Total Unconfirmed Cases: 128**

**Influenza Activity for Week 21: Widespread**

- ➔ **No Activity:** No laboratory-confirmed cases of influenza and no reported increase in the number of cases of ILI.
- ➔ **Sporadic:** Small numbers or isolated cases of laboratory-confirmed influenza cases or a single laboratory-confirmed influenza outbreak has been reported, but there is no increase in cases of ILI.
- ➔ **Local:** Outbreaks of influenza or increases in ILI cases and recent laboratory-confirmed influenza in a single region of the state.
- ➔ **Regional:** Outbreaks of influenza or increases in ILI and recent laboratory confirmed influenza in at least 2 but less than half the regions of the state. (This level of activity does not apply for small states with 4 or fewer regions.)
- ➔ **Widespread:** Outbreaks of influenza or increases in ILI cases and recent laboratory-confirmed influenza in at least half the regions of the state.

**ILI cases reported from Sentinel providers**  
**7 of 12 sentinel providers reporting**

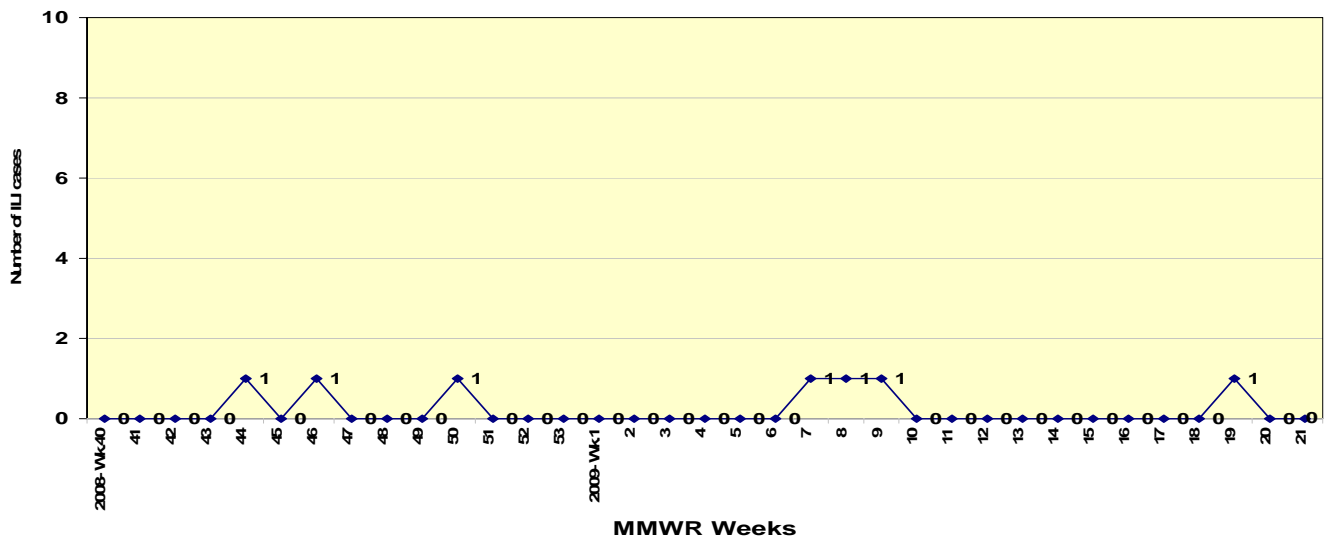


**Note:** This data is current as of distribution date and is subject to change.

**Starting with Week 16: Due to the H1N1 outbreak, ILI may be increased.**

**ILI cases reported from Corporations/LTCF**  
**5 of 5\* sites reporting**

**(\*one organization that previously reported is no longer participating)**

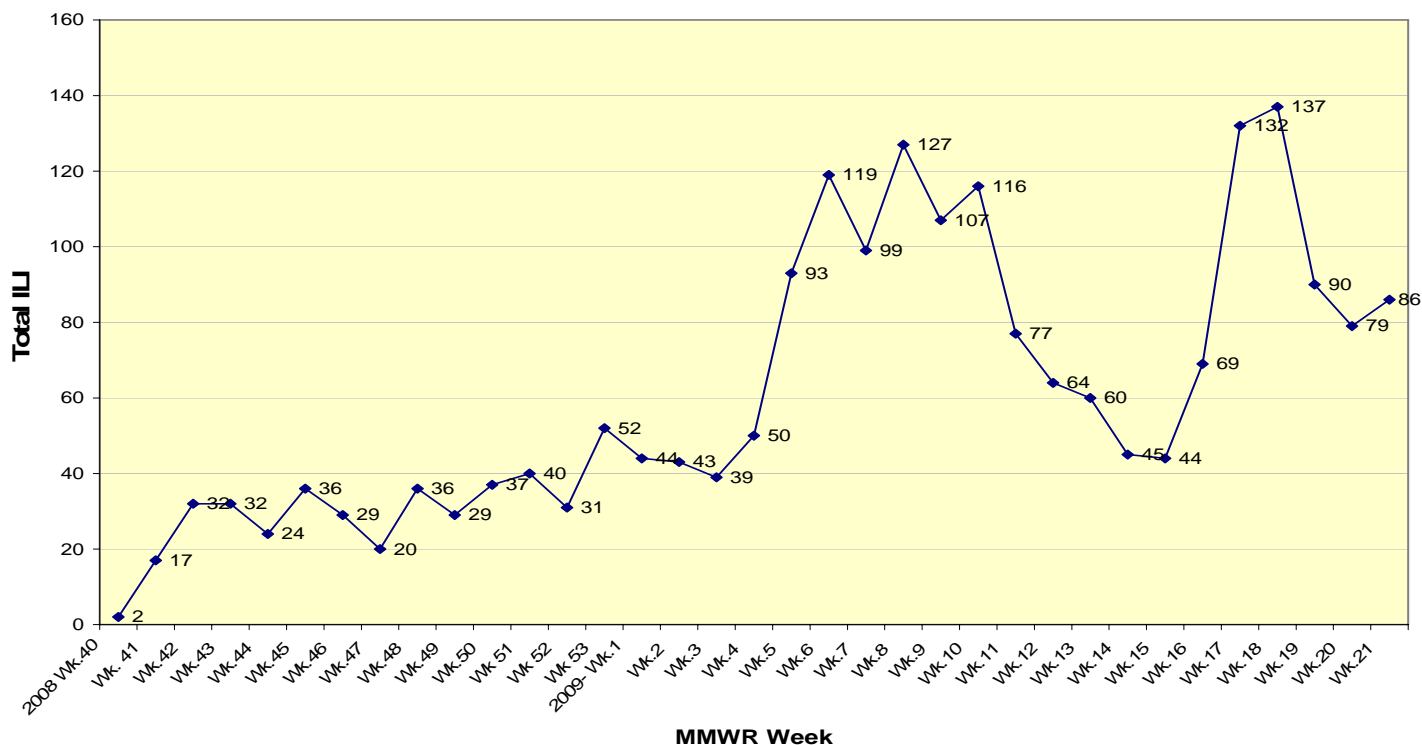


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# Hospital ILI Cases

## 8 of 8 hospitals reporting

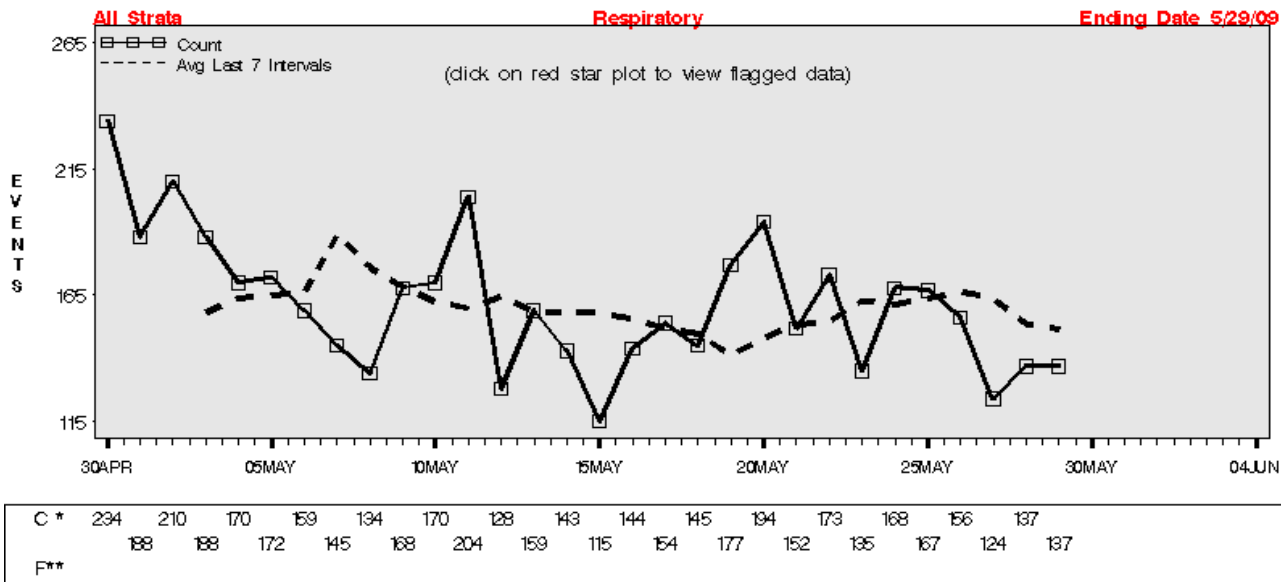


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## Respiratory – Syndromic Surveillance

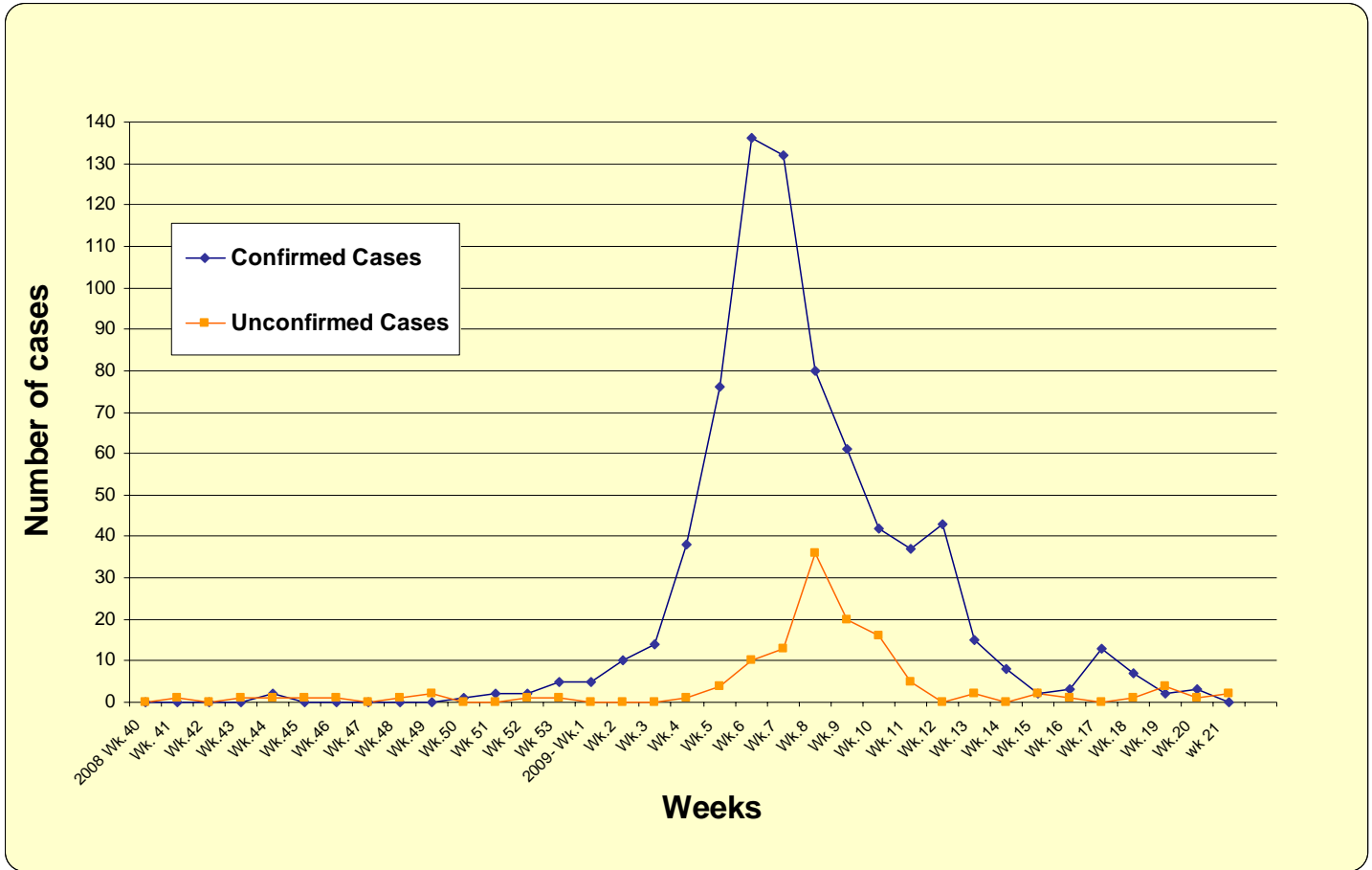
### Early Aberration Reporting System (EARS)

#### Hospital Syndromic Surveillance



**C1= Mild Sensitivity    C2= Moderate Sensitivity    C3= Ultra Sensitivity**  
**\*C = total count (last three digits)    \*\*F are flags 1=C1 2=C2 3=C3 4=C1C3 5=C2C3 6=C1C2C3**

**2008-2009 Influenza season**  
**Confirmed and Unconfirmed Seasonal Influenza**

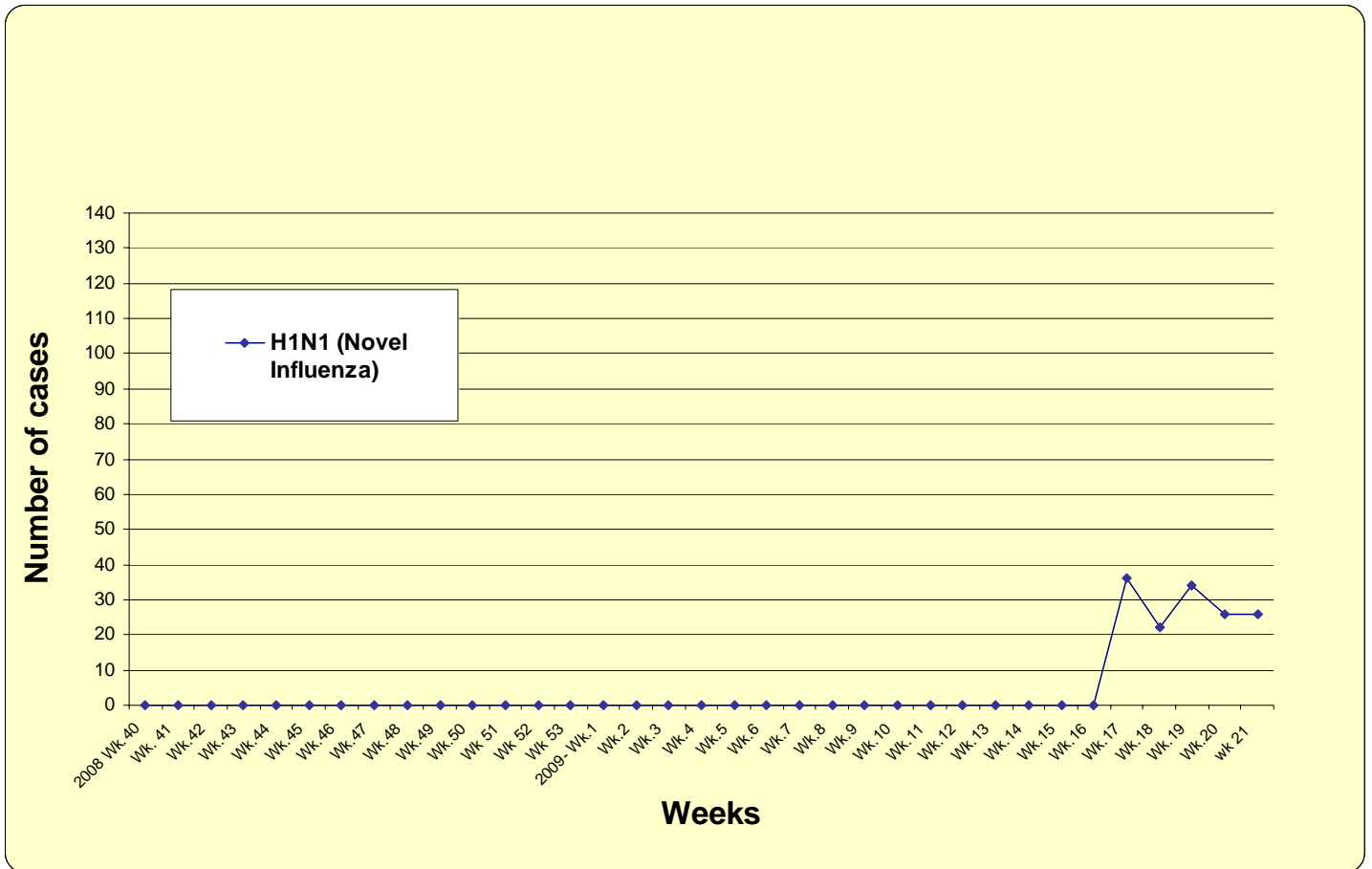


**\*NOTE:**

**Confirmed cases: PCR (Polymerase Chain Reaction) positive or Influenza culture positive.**

**Unconfirmed cases: Rapid assay positive, not confirmed with PCR or culture.**

**2008-2009 Influenza season**  
**Confirmed H1N1 Novel Influenza**



**\*\*NOTE:**

**H1N1 (Novel Influenza): PCR (Polymerase Chain Reaction) positive**