



## Weekly Influenza Report Week 12 (03/22/09-03/28/09)

### National Synopsis:

During week 11 (March 15-21, 2009), influenza activity continued to decrease in the United States.

- One thousand one hundred four (21.4%) 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.
- Three influenza-associated pediatric deaths were reported.
- The proportion of outpatient visits for influenza-like illness (ILI) was above the national baseline. Six of nine surveillance regions reported ILI at or above their region-specific baselines.
- Twenty-four states reported widespread influenza activity, 19 states reported regional activity; six states reported local influenza activity; and the District of Columbia and one state reported sporadic influenza activity.

### Delaware Influenza Surveillance:

**Total Laboratory Confirmed Cases: 666**

**Influenza A: 426**

**Influenza B: 238**

**Influenza A&B: 2**

**Counties:**

- **New Castle – 290**
- **Kent – 226**
- **Sussex – 150**

**Age Range: 20 days – 94 yo**

**Deaths: 0**

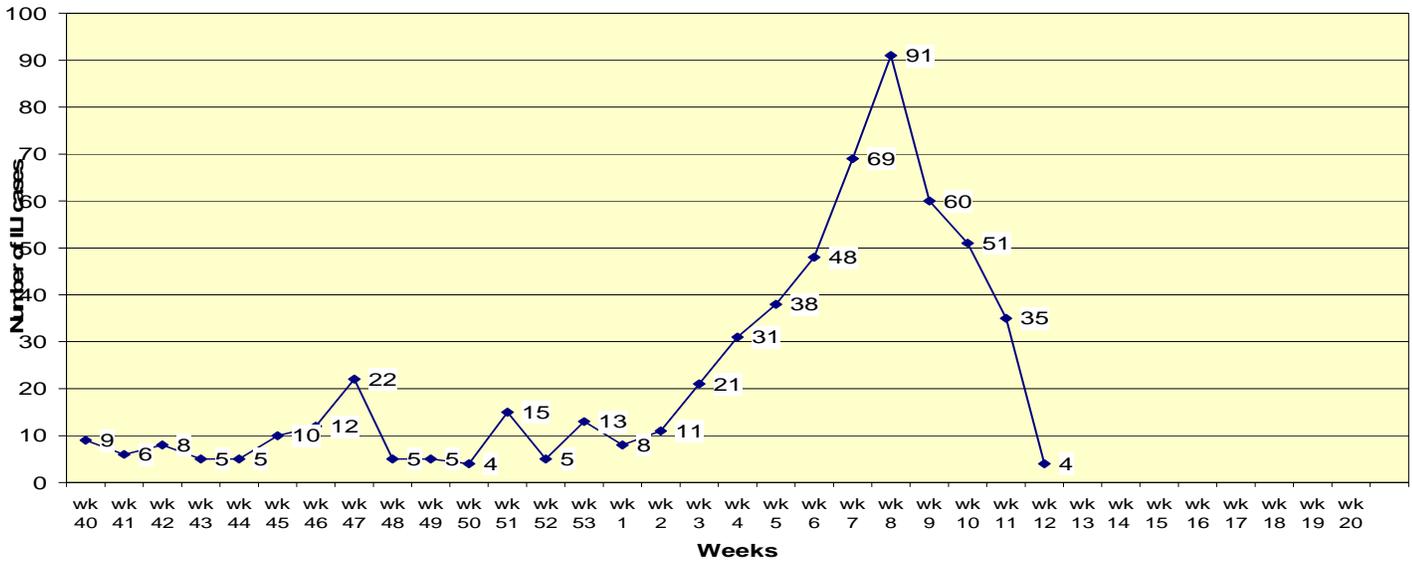
**Total Unconfirmed Cases: 118**

**Influenza Activity for Week 12: Widespread**

Note: Beginning in Week 8, the DPH Lab requested that each hospital submit only 3-5 specimens per week for confirmatory testing; this may affect the number of unconfirmed cases in the future weeks.

- **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 1 of 12 sentinel providers reporting

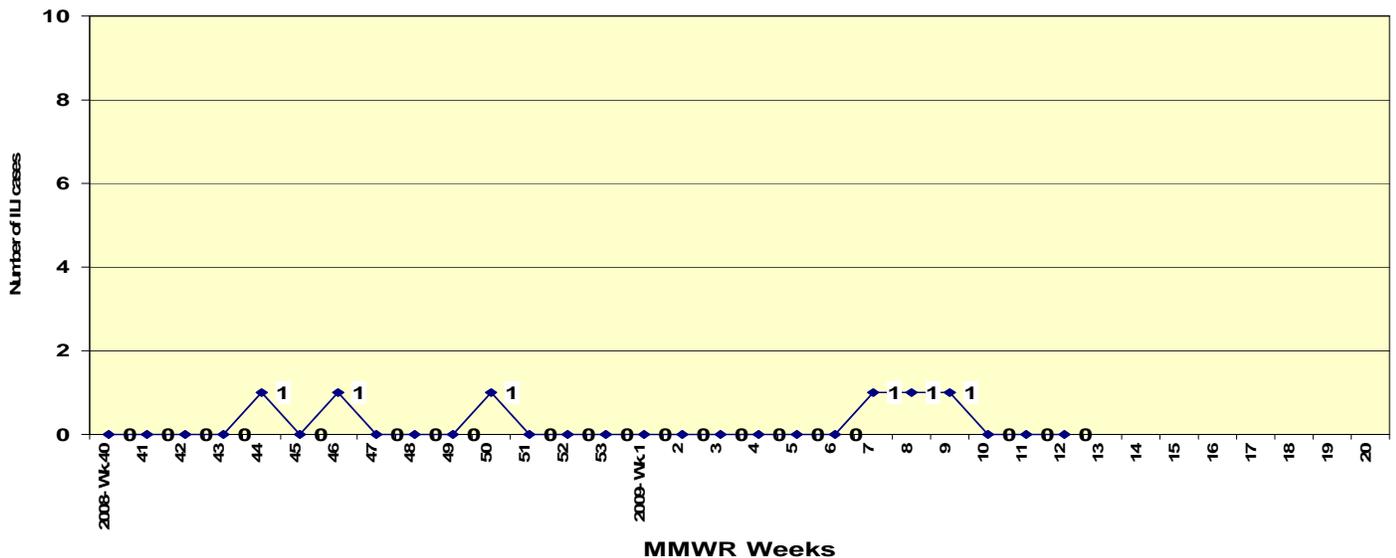


**Note:** This data is current as of distribution date and is subject to change.

**Note:** Week 5 – No sentinel providers reported ILI to DPH (n=0). Therefore, the zero does not indicate there were no cases.

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

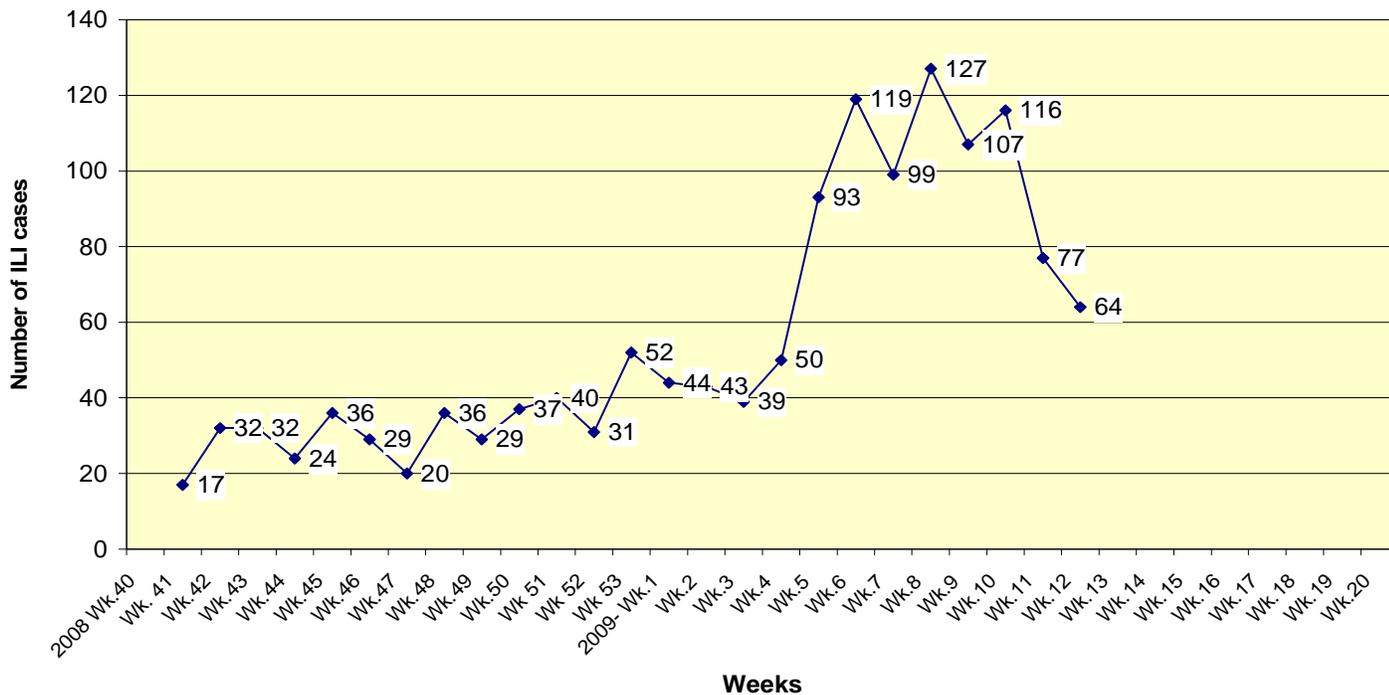
(\*one organization that previously reported is no longer participating)



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# Hospital ILI Cases

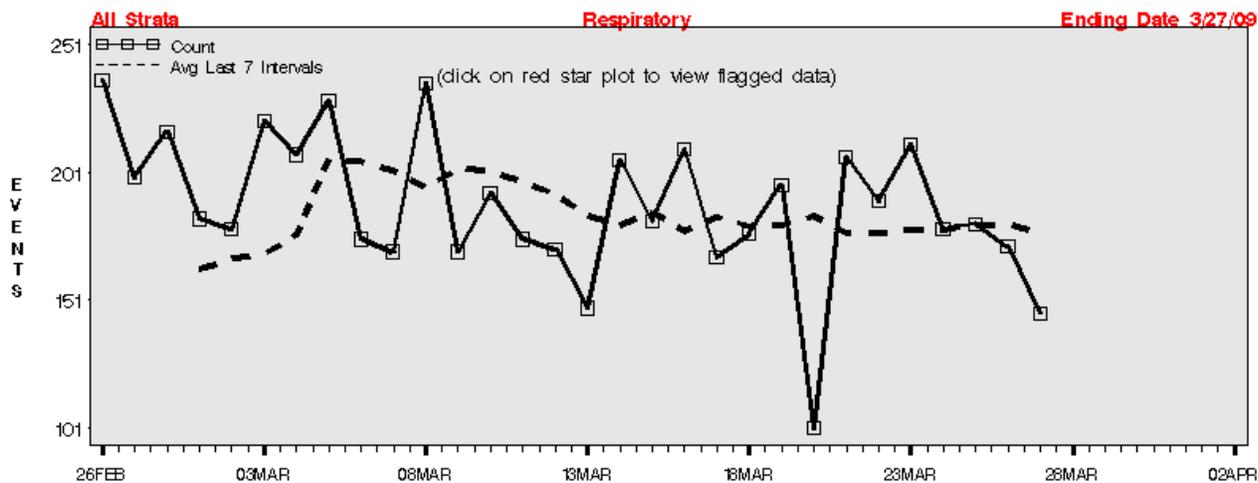
## 8 of 8 hospitals reporting



## Respiratory – Syndromic Surveillance

### Early Aberration Reporting System (EARS)

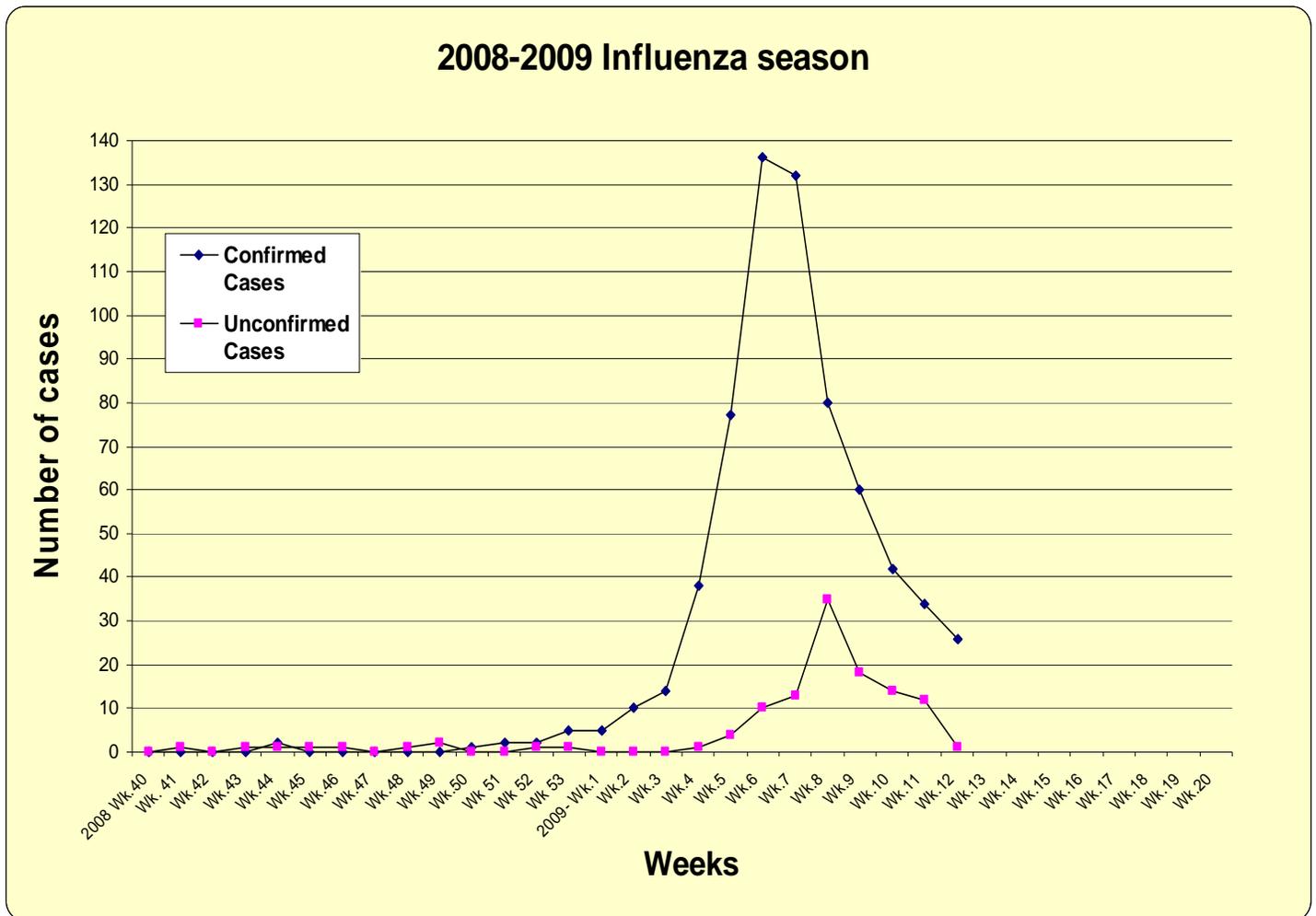
#### Hospital Syndromic Surveillance



C *	237	217	179	208	175	236	193	171	206	210	177	101	190	179	172
F**	199	183	221	229	170	170	175	148	182	168	196	207	212	181	146

**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 Cases\*



**\*Note:**

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

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