



Weekly Influenza Report Week 4 (01/25/09-01/31/09)

National Synopsis:

During week 3 (January 18-24, 2009), influenza activity continued to slowly increase in the United States.

- Five hundred eighty-eight (15.8%) 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.
- The proportion of outpatient visits for influenza-like illness (ILI) was below the national baseline. The New England region reported ILI above its' region-specific baseline.
- Two states reported widespread influenza activity, 14 states reported regional activity; 12 states reported local influenza activity; and the District of Columbia, Puerto Rico and 22 states reported sporadic influenza activity.
- One human infection with a novel influenza A virus was reported.

Delaware Influenza Surveillance:

Total Laboratory Confirmed Cases: 64

Influenza A: 56

Influenza B: 8

Counties:

- **New Castle – 23**
- **Kent – 22**
- **Sussex – 19**

Age Range: 20 days – 77 yo

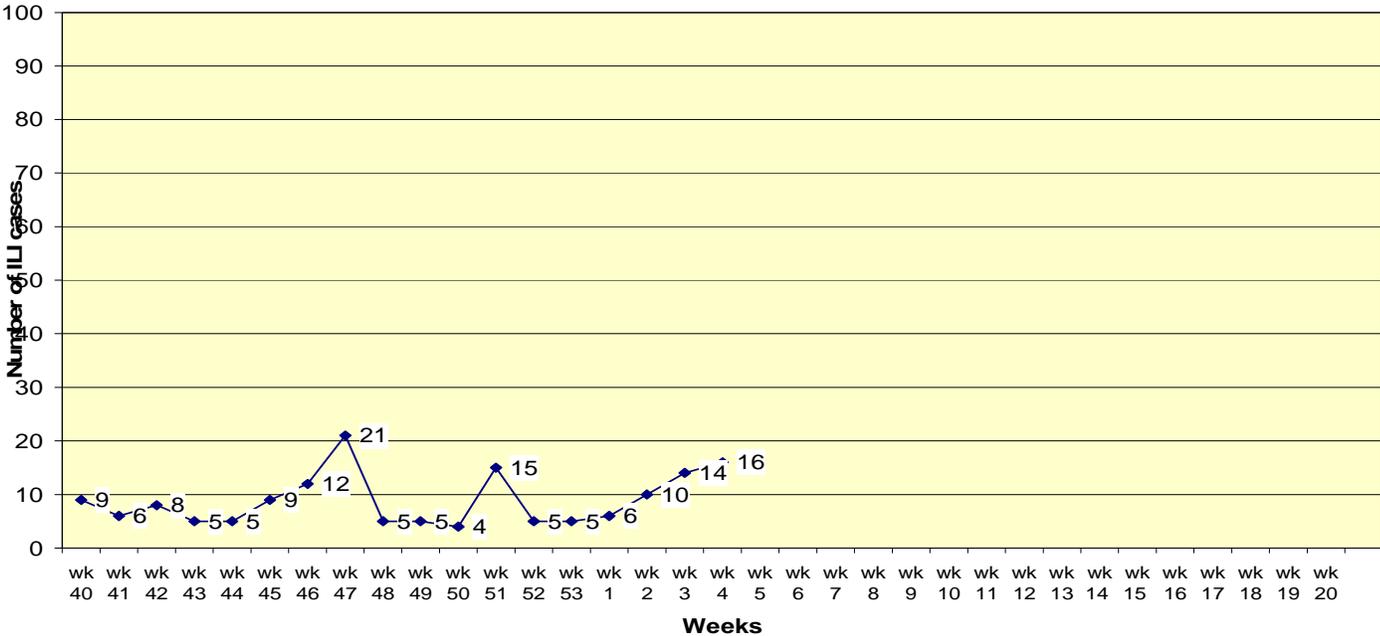
Deaths: 0

Total Unconfirmed Cases: 13

Influenza Activity for Week 4: 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.

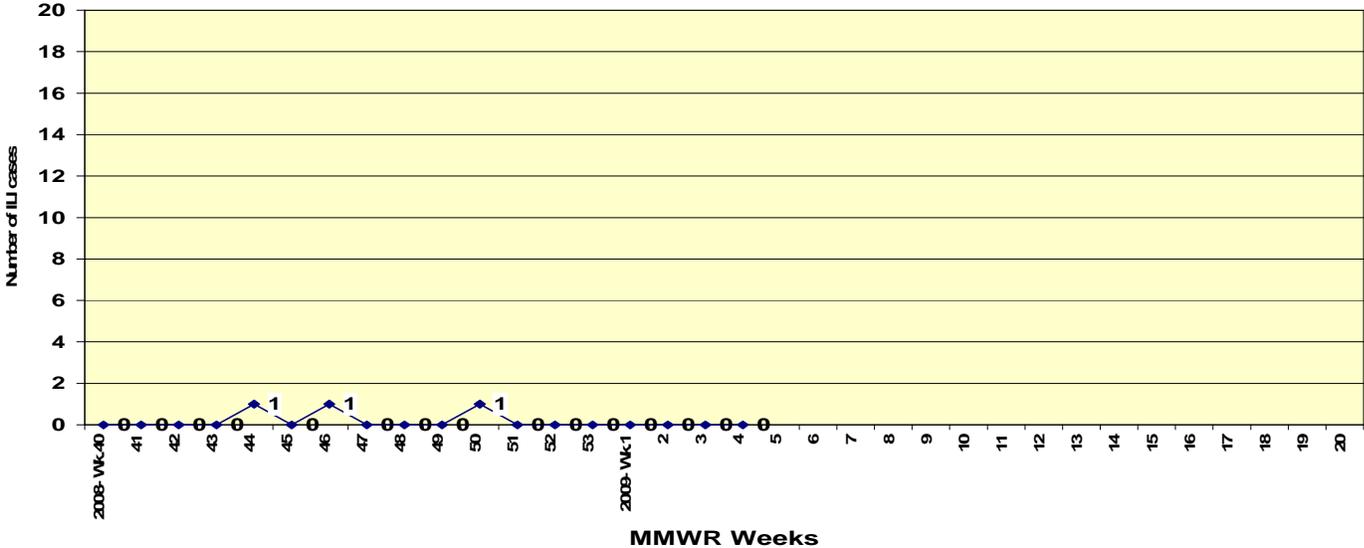
ILI cases reported from Sentinel providers
4 of 12 sentinel providers reporting



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

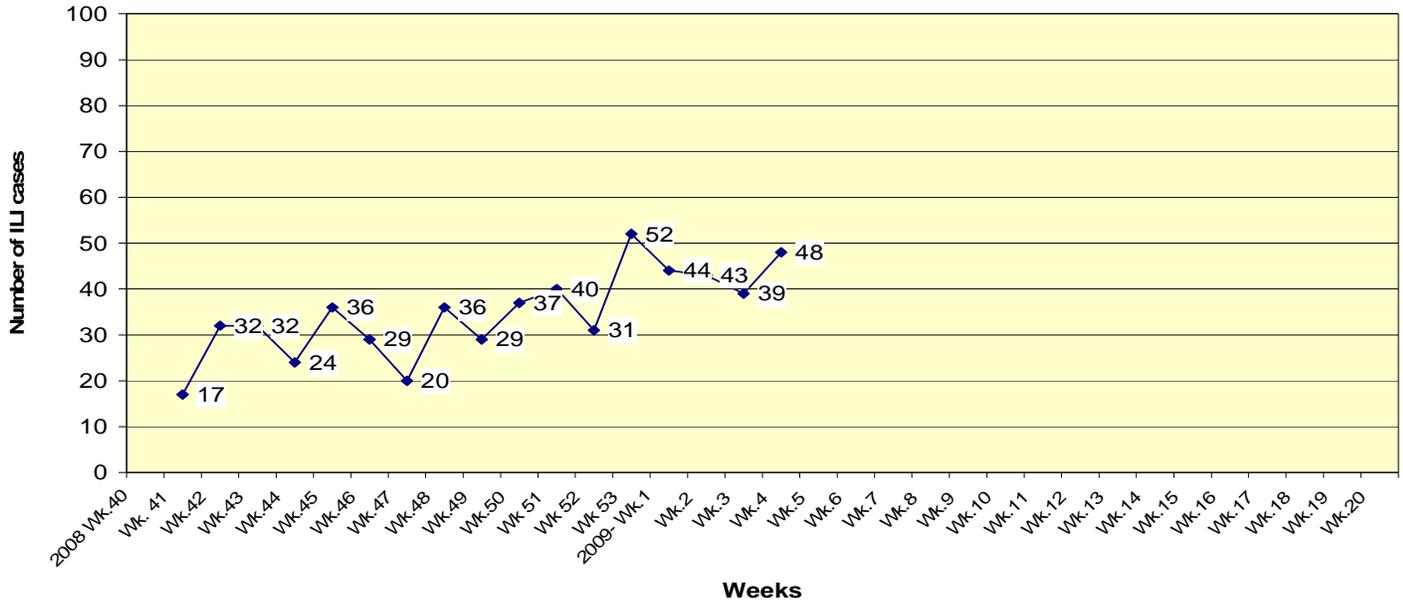
ILI cases reported from corporations/LTCF
4 of 5* sites reporting

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



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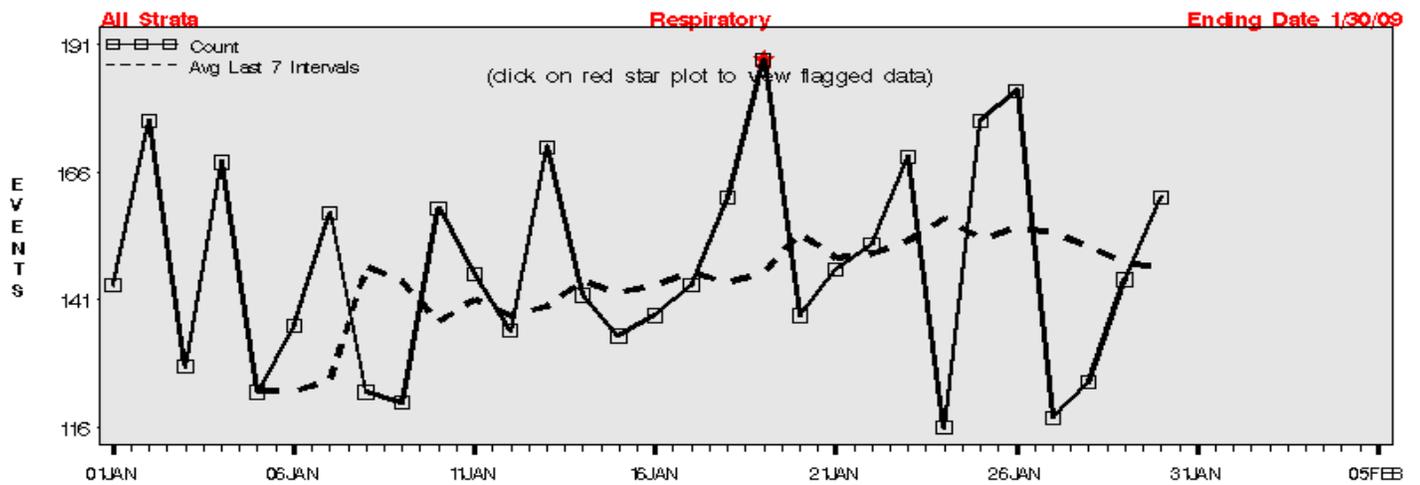
Hospital ILI Cases 7 of 8 hospitals reporting



Respiratory – Syndromic Surveillance

Early Aberration Reporting System (EARS)

Hospital Syndromic Surveillance



C *	144	128	123	158	121	146	171	134	144	188	147	169	176	118	145	
F**	176	168	136	123	159	135	142	138	161	5	138	152	116	182	125	161

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**