



Weekly Influenza Report Week 15 (04/12/09-04/18/09)

National Synopsis:

During week 14 (April 5-11, 2009), influenza activity continued to decrease in the United States.

- Two hundred fifty-nine (9.0%) 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 at the epidemic threshold.
- Eight influenza-associated pediatric deaths were reported.
- The proportion of outpatient visits for influenza-like illness (ILI) was below the national baseline. Two of nine surveillance regions reported ILI above their region-specific baselines (East South Central and Mountain).
- One state reported widespread influenza activity, 14 states reported regional activity; 22 states reported local influenza activity; the District of Columbia, Puerto Rico, and 12 states reported sporadic influenza activity; and one state reported no influenza activity.

Delaware Influenza Surveillance:

Total Laboratory Confirmed Cases: 710

Influenza A: 437 (61.5%)

Influenza B: 271 (38.2%)

Influenza A&B: 2 (.3%)

Counties:

- | | |
|-----------------------------------|---|
| ▪ New Castle – 310 (43.7%) | Influ. A – 210 (68%), Infl. B – 100 (32)% |
| ▪ Kent – 239 (33.6%) | Influ. A – 136 (57%), Infl. B – 103 (43)% |
| ▪ Sussex – 161 (22.7%) | Influ. A – 91 (57%), Infl. B – 68 (42%), Infl. AB – 2 (1%) |

Age Range: 13 days – 94 yo

Deaths: 1 reported in week 13

Total Unconfirmed Cases: 115

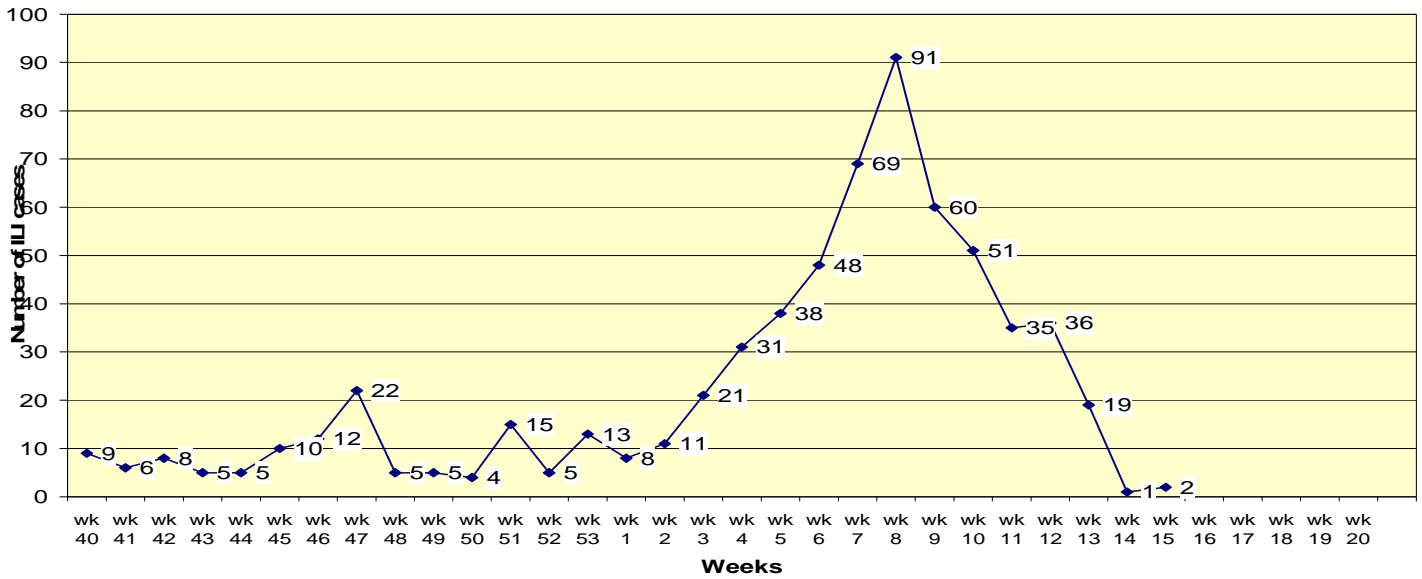
Influenza Activity for Week 15: No Activity

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

4 of 12 sentinel providers reporting



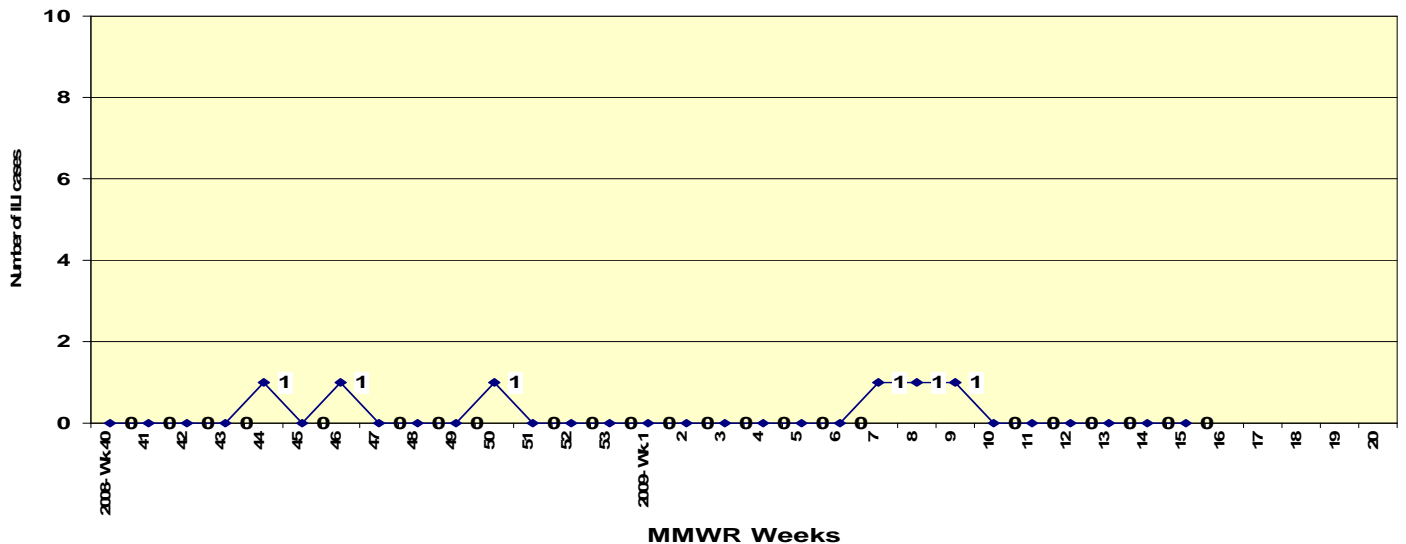
Note: This data is current as of distribution date and is subject to change.

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

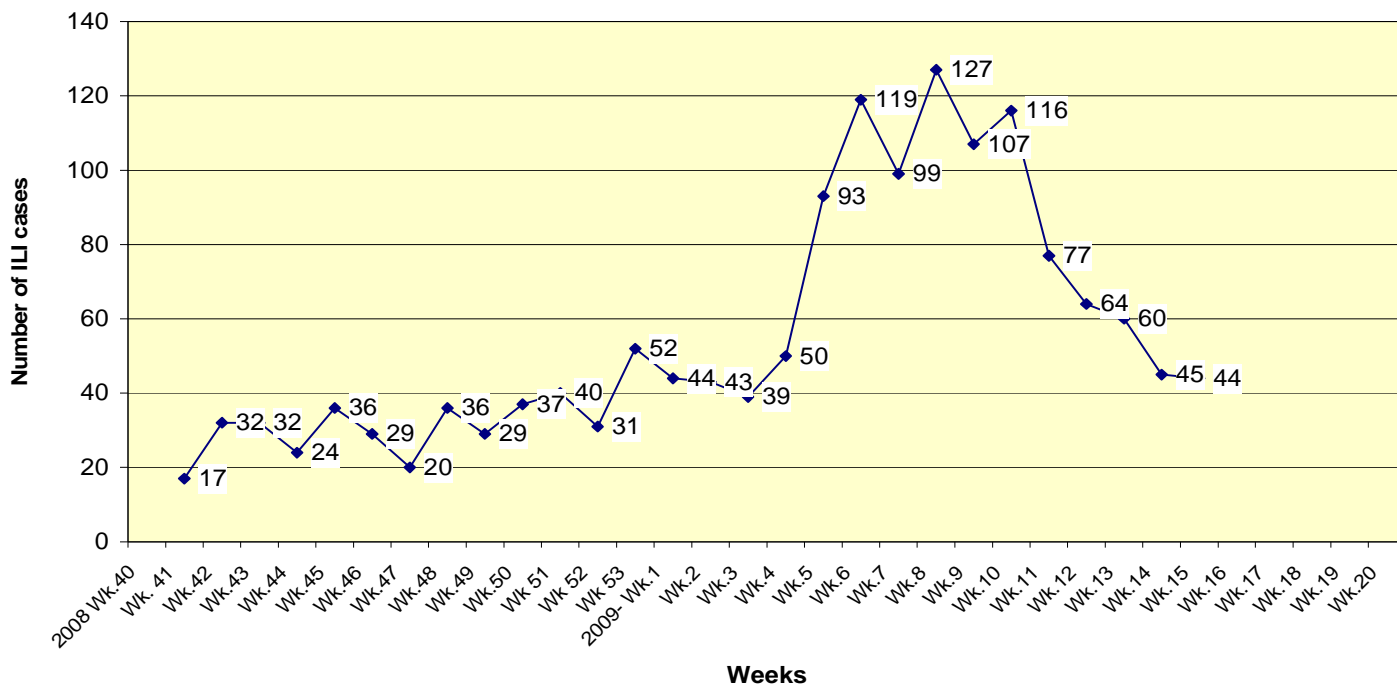
(*one organization that previously reported is no longer participating)



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

Hospital ILI Cases

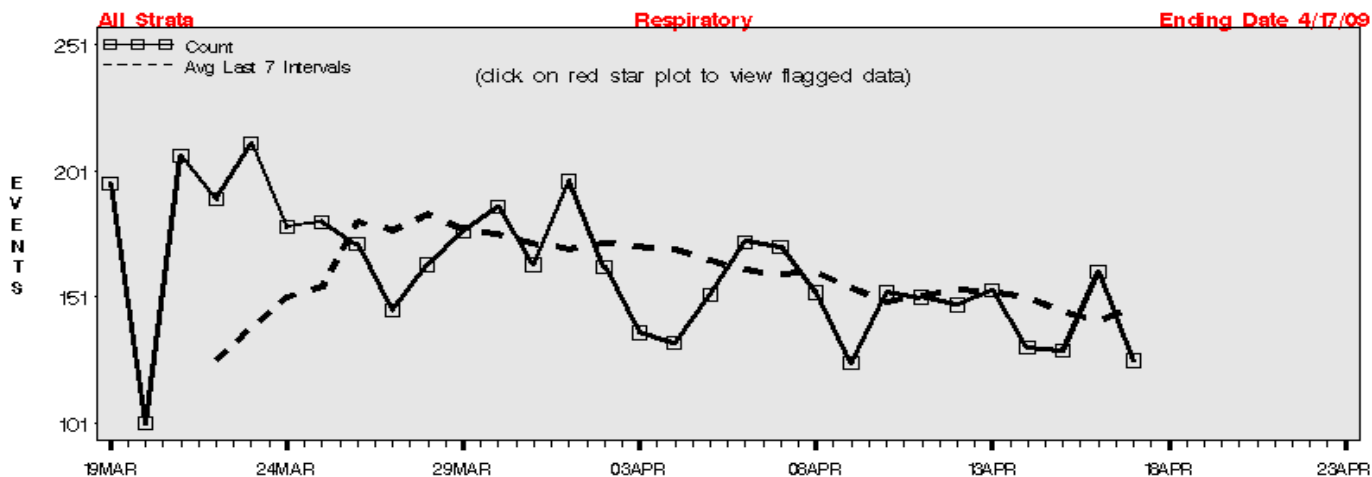
8 of 8 hospitals reporting



Respiratory – Syndromic Surveillance

Early Aberration Reporting System (EARS)

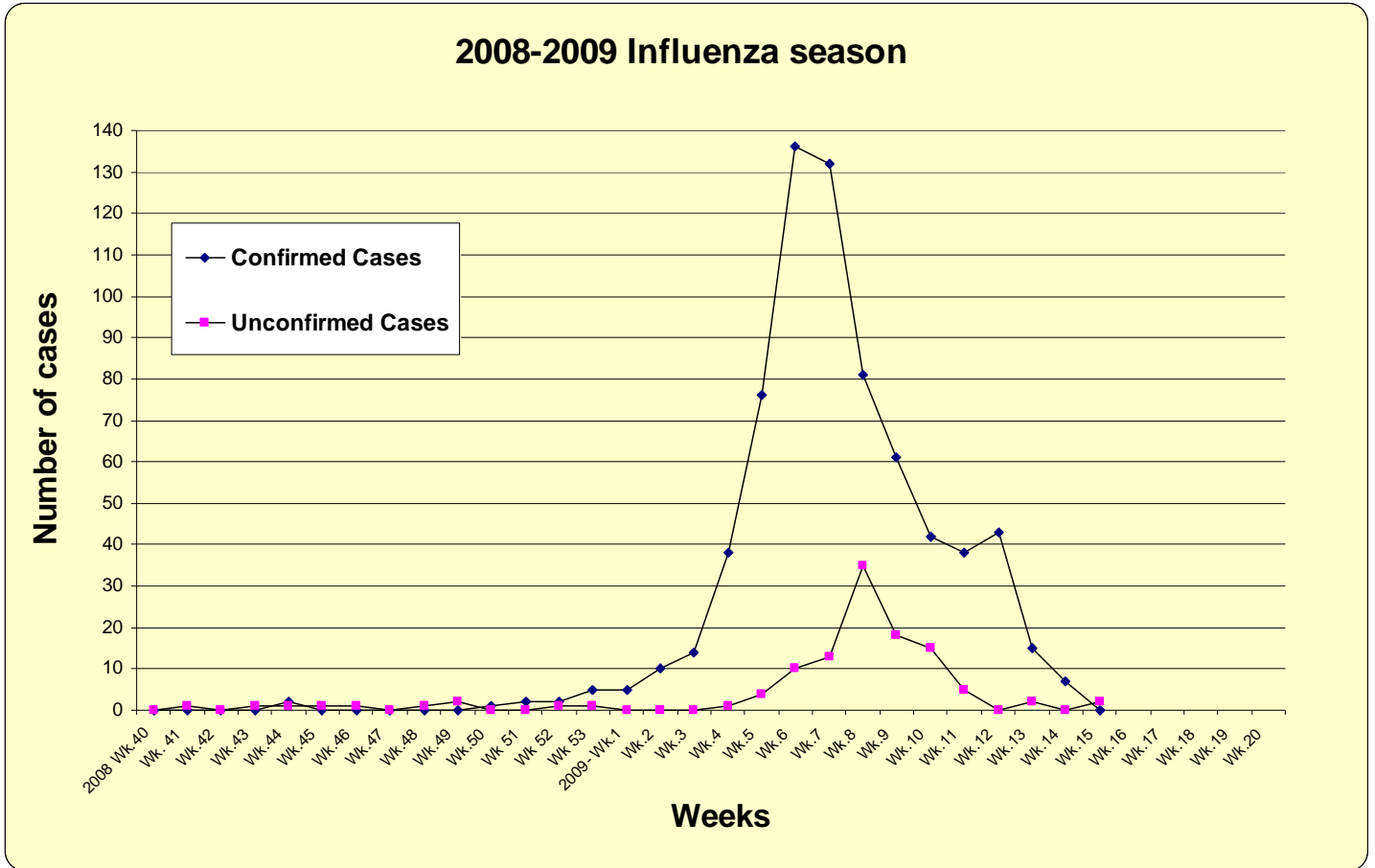
Hospital Syndromic Surveillance



C *	196	207	212	181	146	177	164	163	133	173	153	153	148	131	161	
F **		101	190	179	172	164	187	197	137	152	171	125	151	154	130	126

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.