



Weekly Influenza Report Week 39 (09/27/09-10/03/09)

National Synopsis: Seasonal:

NOTE: National data is updated Friday of each week. Please visit <http://www.cdc.gov/flu/weekly/> for the most current information.

DELAWARE INFLUENZA SURVEILLANCE:

Total Laboratory Confirmed Cases of Seasonal Influenza: 1,422

Influenza A: 490
Influenza B: 283 **
Influenza A&B: 2
Influenza A-H1N1: 647^a

Counties:

- **New Castle** – 693
- **Kent** – 398
- **Sussex** – 331

Age Range: 13 days – 94 yrs

Deaths: 1 reported in week 13

Hospitalization: Age range:

- 0-4 yrs -1
- 5-24 yrs – 7
- 65+ yrs – 1

* All hospitalized cases have been discharged*

Total Unconfirmed Cases: 154

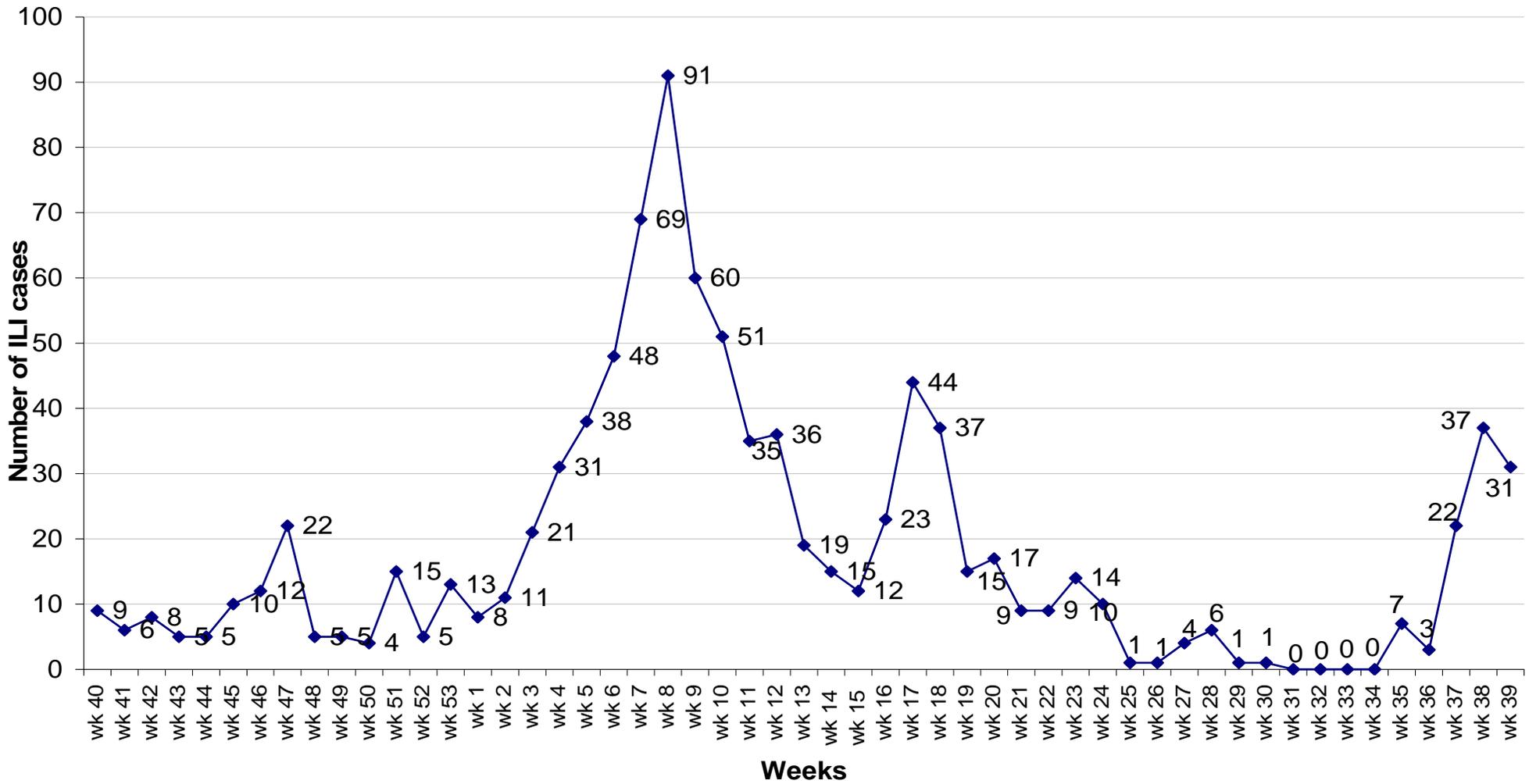
Influenza Activity for Week 39: Widespread ††

- ➔ **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.

**** NOTE:**

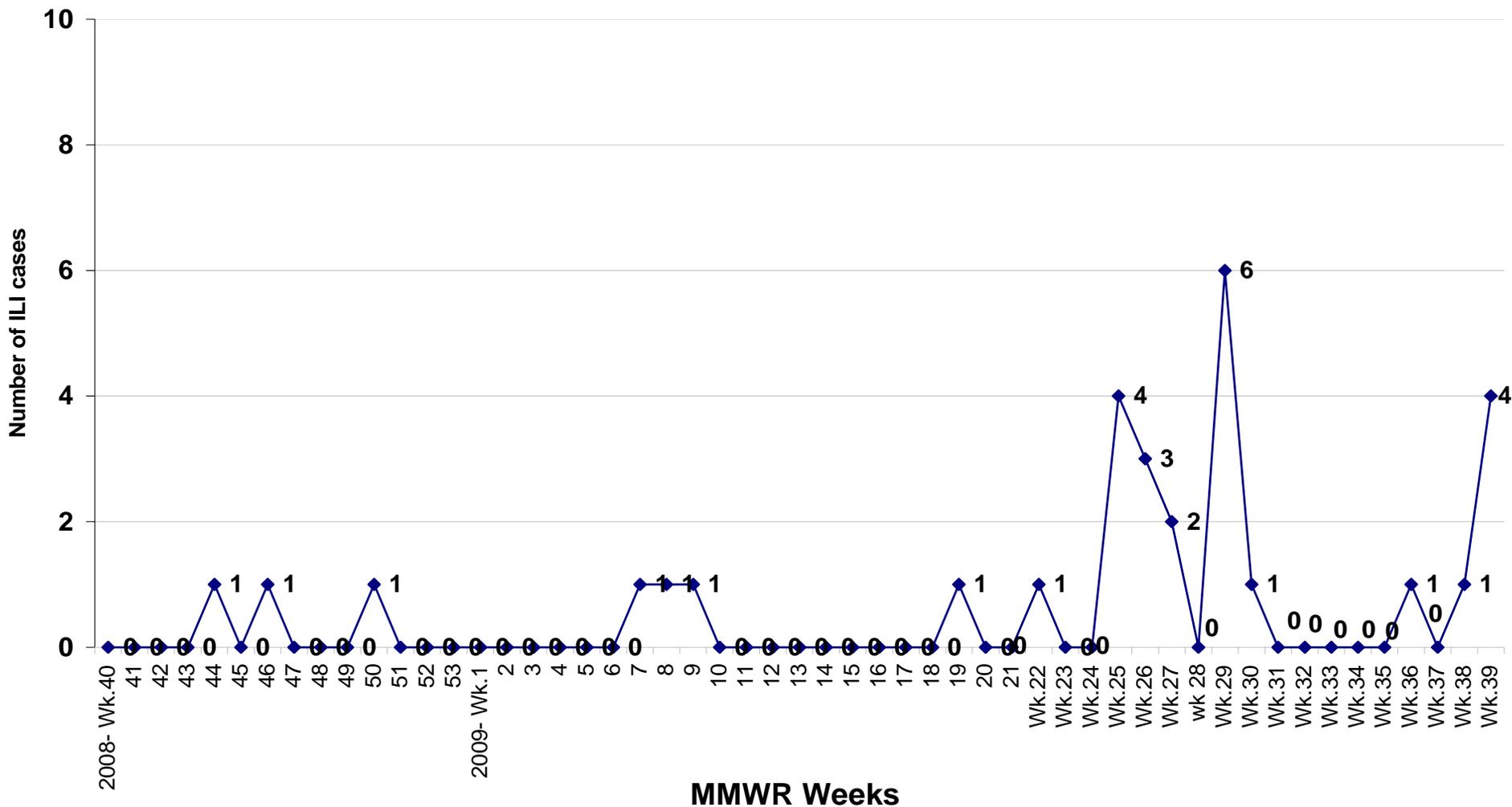
- **DPH Laboratory ceased testing of Influenza B specimens May 3, 2009. The data provided above represents testing performed prior to May 3, 2009.**
- **^a Influenza A-H1N1: Represents total number of confirmed cases up to date. Despite reporting changes, data for H1N1 will not be reset until the 2009-2010 Influenza Season.**
- **^{††} During this week, influenza activity continued to increase in DE compared to the previous weeks. Visits to doctors for ILI are also increasing. Due to a combination of increasing ILI and Influenza cases, Delaware is now reporting WIDESPREAD influenza activity.**
- **This is the final report for the 2008-2009 influenza seasons. Beginning next week, all data will be reset to start the 2009-2010 season, which officially starts October 4, 2009.**

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

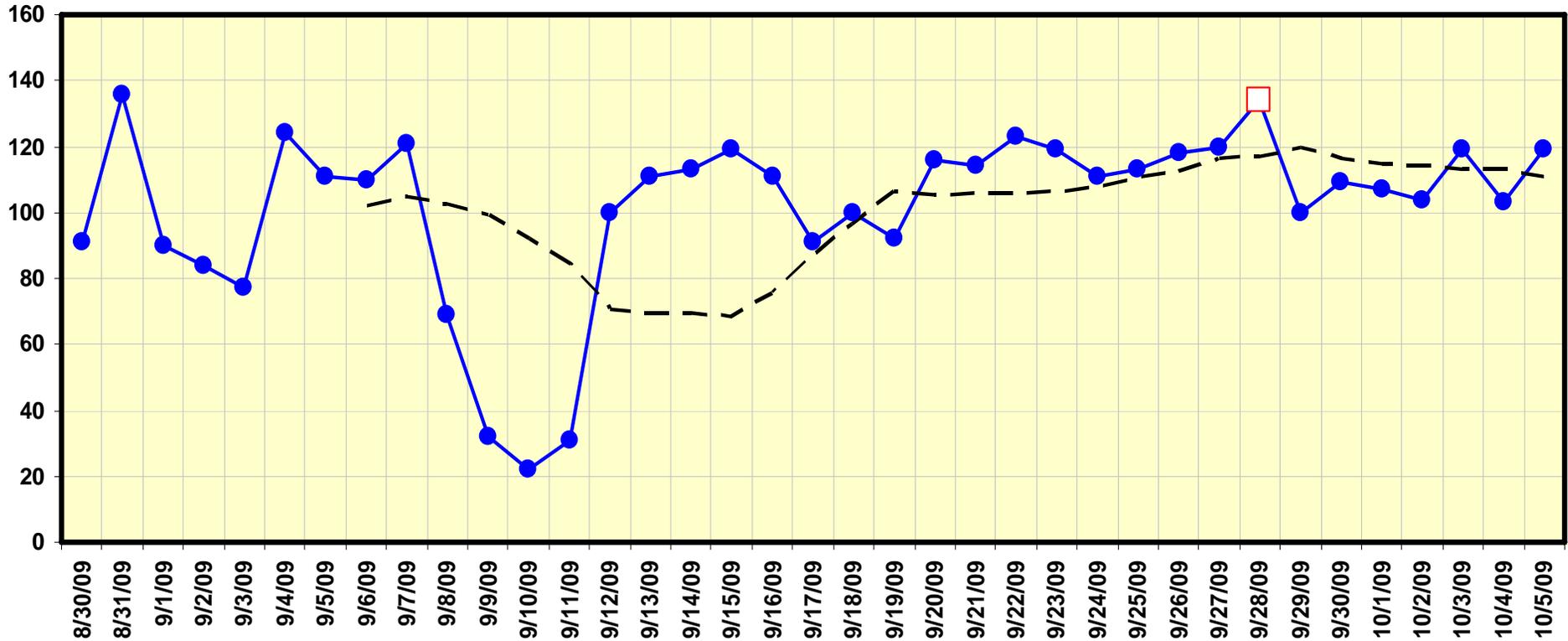
ILI cases reported from Corporations/LTCF
4 of 5* sites reporting
 (*one organization that previously reported is no longer participating)



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Hospital Respiratory Chief Compliant Surveillance Data
5 of 5 Hospitals
(Beebe, Christiana Care, Kent, Milford, Wilmington)

Respiratory

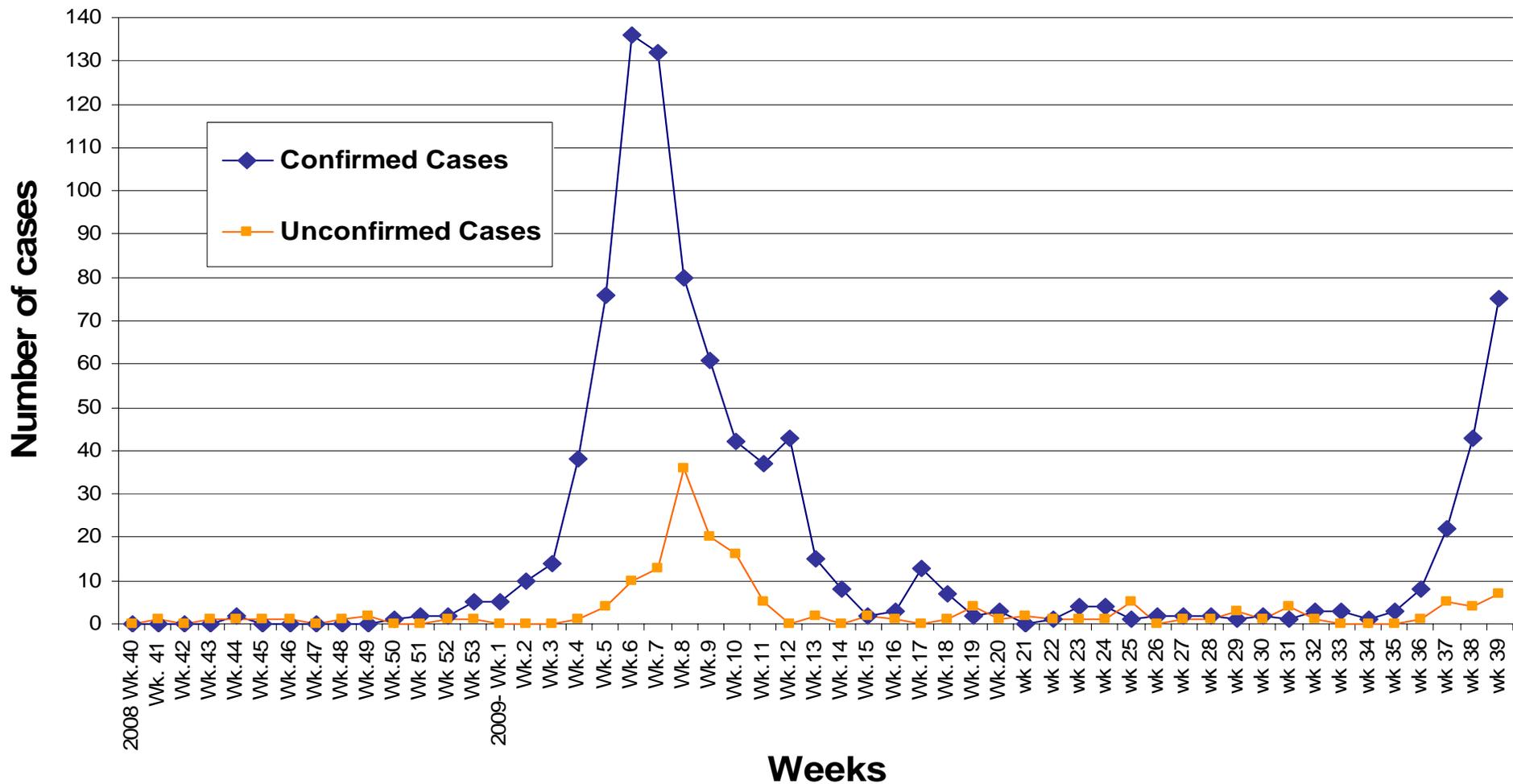


- - - Avg Last 7 Intervals

Cusum Flags: C1=Mild Sensitivity C2=Moderate Sensitivity C3=Ultra Sensitivity

=C1
 =C1C3
 ▲ =C2C3
 =C3
 =C1C2C3

2008-2009 Influenza Seasons 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.**