National Synopsis: Seasonal:

Synopsis: During week 35 (August 30-September 5, 2009), influenza activity increased in the U.S.

- During week 35:
  - 1,085 (20.5%) 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.
  - 97% of all subtyped influenza A viruses being reported to CDC were 2009 influenza A (H1N1) viruses.
  - The proportion of deaths attributed to pneumonia and influenza (P&I) was below the epidemic threshold.
  - One influenza-associated pediatric death was reported and was associated with a 2009 influenza A (H1N1) virus infection.
  - The proportion of outpatient visits for influenza-like illness (ILI) was above the national baseline. Regions 2, 4, 6, and 9 reported ILI above region-specific baseline levels.
  - Eleven states and Guam reported geographically widespread influenza activity, 13 states and Puerto Rico reported regional influenza activity, 10 states and the District of Columbia reported local influenza activity, 14 states reported sporadic influenza activity, two states reported no influenza activity, and the U.S. Virgin Islands did not report.
  - The 2009-10 influenza season officially begins October 4, 2009.
DELAWARE INFLUENZA SURVEILLANCE:

Total Laboratory Confirmed Cases of Seasonal Influenza: 1,256

- **Influenza A:** 482
- **Influenza B:** 284 **
- **Influenza A&B:** 2
- **Influenza A-H1N1:** 488

Counties:
- **New Castle** – 655
- **Kent** – 321
- **Sussex** – 280

Age Range: 13 days – 94 yrs

Deaths: 1 reported in week 13

Total Unconfirmed Cases: 136

Influenza Activity for Week 35: Sporadic

**NOTE:**
- DPH Laboratory ceased testing of Influenza B specimens May 3, 2009. The data provided above represents testing performed prior to May 3, 2009.
- For surveillance purposes, effective 8/30/2009, **ALL** influenza cases (including H1N1) will be reported as “Human Influenza” with a designated subtype. We will no longer be reporting Novel H1N1 and human influenza separately.
- Influenza A-H1N1: Represents total number of confirmed cases up to date. Despite reporting changes (described above) data for H1N1 will not be reset until the 2009-2010 Influenza Season.
ILI cases reported from Sentinel providers
5 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)

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