National Synopsis:

During week 6 (February 8-14, 2009), influenza activity continued to increase in the United States.

- One thousand three hundred thirteen (24.4%) 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.
- Six influenza-associated pediatric deaths were reported.
- The proportion of outpatient visits for influenza-like illness (ILI) was above the national baseline. ILI increased in seven of the nine regions compared to the previous week, and the East North Central, East South Central, Mid-Atlantic, Mountain, New England, South Atlantic, West North Central, and West South Central regions reported ILI above their region-specific baselines.
- Twenty-four states reported widespread influenza activity, 13 states reported regional activity; the District of Columbia and 11 states reported local influenza activity; and Puerto Rico and two states reported sporadic influenza activity.

Delaware Influenza Surveillance:

Total Laboratory Confirmed Cases: 433

<table>
<thead>
<tr>
<th>Influenza A</th>
<th>Influenza B</th>
<th>Influenza A&amp;B</th>
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<tbody>
<tr>
<td>306</td>
<td>125</td>
<td>2</td>
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Counties:
- New Castle – 160
- Kent – 146
- Sussex – 127

Age Range: 20 days – 77 yo

Deaths: 0

Total Unconfirmed Cases: 49

Influenza Activity for Week 7: 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
7 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

(Click on red star plot to view flagged data)

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