Weekly Influenza Report
Week 53 (12/28/08-01/03/09)

National Synopsis:
During week 52 (December 21-27, 2008), increased influenza activity was reported in the United States.

- One hundred thirty (5.0%) 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 below the epidemic threshold.
- One pediatric influenza-associated death was reported.
- The proportion of outpatient visits for influenza-like illness (ILI) was below the national baseline. The South Atlantic region reported ILI at their region-specific baseline.
- Three states reported regional activity; 10 states reported local influenza activity; the District of Columbia and 30 states reported sporadic influenza activity; six states reported no influenza activity; and one state did not report.

Delaware Influenza Surveillance:

<table>
<thead>
<tr>
<th>Total Laboratory Confirmed Cases:</th>
<th>12</th>
</tr>
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<tbody>
<tr>
<td>Influenza A:</td>
<td>10</td>
</tr>
<tr>
<td>Influenza B:</td>
<td>2</td>
</tr>
<tr>
<td>Counties:</td>
<td></td>
</tr>
<tr>
<td>New Castle – 6</td>
<td></td>
</tr>
<tr>
<td>Kent – 3</td>
<td></td>
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<td>Sussex – 3</td>
<td></td>
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<tr>
<td>Age Range:</td>
<td>6 mo – 53 yo</td>
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<tr>
<td>Deaths:</td>
<td>0</td>
</tr>
<tr>
<td>Total Unconfirmed Cases:</td>
<td>9</td>
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</tbody>
</table>

Influenza Activity for Week 53: Sporadic

- **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)

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

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