Influenza Watch
San Diego County Influenza Surveillance Update, page 1 of 3

December 4, 2013

Week ending 11/30/13 (Week #48)

The purpose of the weekly Influenza Watch is to summarize current influenza surveillance in San Diego County.

Please note that reported weekly totals are preliminary and may change due to additional confirmatory or subtype laboratory results.

Current Week #48 (ending 11/30/2013)

- 8 influenza detections reported for week 48: Expected level
- 54 total influenza detections reported to date
- 1% influenza-like-illness (ILI) among emergency department visits: Expected level
- 0 influenza-related deaths reported to date: Expected level
- 4% percent of deaths registered with Pneumonia & Influenza: Expected level

Current Status

- Influenza activity remains at baseline level
- CA Department of Public Health Influenza Surveillance
- CDC Influenza Surveillance Weekly Report

Table 1. Influenza Detections Reported, FY 2013-14*

<table>
<thead>
<tr>
<th>Positive Test Type/Subtype</th>
<th>Week 48</th>
<th>Total To-Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza A†</td>
<td>5</td>
<td>27</td>
</tr>
<tr>
<td>Influenza A (H1) Seasonal</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Influenza A (H3) Seasonal</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>Pandemic 2009 H1N1</td>
<td>2</td>
<td>16</td>
</tr>
<tr>
<td>Influenza B</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Influenza A/B†</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>**Total</td>
<td>8</td>
<td>54</td>
</tr>
</tbody>
</table>

* FY is July 1 - June 30, or Week 27 - 26.
† No further characterization performed or results not available at time of publication.
Note: Totals may change due to further laboratory findings.

Table 2. Influenza Surveillance Indicators

<table>
<thead>
<tr>
<th>Indicator</th>
<th>FY 2013-14</th>
<th>FY 2012-13</th>
<th>Prior 3-Year Average**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza detections reported (all types)*</td>
<td>Week 48</td>
<td>Week 47</td>
<td>FYTD</td>
</tr>
</tbody>
</table>
| &nbsp;&n

Figure 1. Percent of Emergency Department Visits for Influenza-like-Illness by Week and FY

Influenza Reporting

Local providers are encouraged to report any laboratory positive influenza detections to the County’s Epidemiology Program by FAX to (858) 715-6458. Please fax a Case Report Form and/or a printed laboratory result. If known, please indicate if patient was admitted to ICU or died. For questions regarding sending specimens to Public Health Laboratory (PHL), call (619) 692-8500. Click here for the updated PHL PCR Test Request Form. Contact Epidemiology with any questions at (619) 692-8499 or EpiDiv.HHSA@sdcounty.ca.gov.

Immunization Resources

County of San Diego Immunization Branch www.sdiz.org

Influenza surveillance is a collaborative effort between the County of San Diego Epidemiology and Immunization Services Branch and the medical community. Thank you!
Influenza and Cardiovascular Outcomes

A recent study published by the Journal of the American Medical Association found that getting vaccinated to protect yourself against flu also reduces the risk of morbidity from an adverse cardiovascular event such as heart attack or stroke. The study also showed a benefit to those who already had coronary artery disease by decreasing the risk of experiencing a serious heart problem. These findings are relevant to San Diego County since cardiovascular disease has consistently been identified as a top risk factor for influenza mortality. During the 2012-2013 influenza season, 34 of 65 fatal cases had cardiovascular disease as an underlying medical condition. For more information see Association Between Influenza Vaccination and Cardiovascular Outcomes in High-Risk Patients.
Note: Influenza-like-illness is defined as fever ≥100°F, and cough and/or sore throat.

Note: Includes any death certificates registered with pneumonia and/or influenza listed anywhere on the death certificate.