Influenza Watch
January 8, 2014
Week #1, ending 1/4/14

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 #1 (ending 1/4/2014)
• 361 influenza detections reported for week 1: Elevated level
• 716 total influenza detections reported to date
• 8% influenza-like-illness (ILI) among emergency department visits: Elevated level
• 1 influenza-related death reported to date: Expected level
• 7% percent of deaths registered with Pneumonia & Influenza: Expected level

Current Status
• Influenza activity levels are increasing
• 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 1</th>
<th>Total To-Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza A†</td>
<td>333</td>
<td>608</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>10</td>
</tr>
<tr>
<td>Pandemic 2009 H1N1</td>
<td>22</td>
<td>77</td>
</tr>
<tr>
<td>Influenza B</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>Influenza A/B†</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>361</td>
<td>716</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 1</td>
<td>Week 52</td>
<td>FYTD#</td>
</tr>
<tr>
<td></td>
<td>361</td>
<td>154</td>
<td>716</td>
</tr>
<tr>
<td>Percent of emergency department visits for ILI</td>
<td>8%</td>
<td>6%</td>
<td>3%</td>
</tr>
<tr>
<td>Percent of deaths registered with pneumonia and/or influenza</td>
<td>7%</td>
<td>8%</td>
<td>4%</td>
</tr>
<tr>
<td>Number of influenza-related deaths reported^</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

# FYTD=Fiscal year to date; FY is July 1-June 30 (Week 27-26). Total deaths reported in prior years: 65 in 2012-13, 14 in 2011-12, and 24 in 2010-11.
* Includes rapid and laboratory confirmed results.
** Includes Fyys 2010-11, 2011-12, and 2012-13.
^ Current FY deaths are shown by week of report; by week of death for prior FYs.

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!
Figure 2. San Diego County Influenza Detections by Type and Week of Report, 2013-14 YTD (N=716)

Figure 3. Percent of Reported Influenza Cases by Age Group and Fiscal Year Total vs. 2013-14 FYTD

CDPH Health Advisory Issued for Severe Influenza
The California Department of Public Health (CDPH) issued an updated CDPH advisory on 1/3/14 regarding severe influenza cases among children and young and middle aged adults. The advisory contains detailed clinical management guidelines. Click on the above link for more information.
Note: Influenza-like illness is defined as fever ≥100°F, and cough and/or sore throat.

Figure 4. Percent of San Diego County Emergency Department Visits for Influenza-like Illness by Week and FY Compared to 5-Year Baseline & Upper 95% Threshold Values (Serfling Method)

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

Figure 5. Percent of All San Diego County Deaths Registered with Pneumonia and/or Influenza by Week and FY Compared to Prior 5-Year Baseline & Upper 95% Threshold (Serfling Method)

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