Influenza Watch
February 19, 2014
Week #7, ending 2/15/14

The purpose of the weekly Influenza Watch is to summarize current influenza surveillance in San Diego County. Please note that reported weekly data are preliminary and may change due to delayed submissions and additional laboratory results.

Current Week 7 (ending 2/15/2014)
• 196 influenza detections reported for Week 7: Elevated level
• 3,561 total influenza detections reported to date
• 6% influenza-like-illness (ILI) among emergency department visits: Expected level
• 8 influenza-related deaths reported this week
• 13% of deaths registered with Pneumonia & Influenza: Elevated level

Current Status
• Influenza activity is decreasing.
• CA Department of Public Health Influenza Surveillance
• CDC Influenza Surveillance Weekly Report

Table 1. Influenza Detections Reported, FY 2013-14*
Positive Test Type/Subtype | Week 7 | Total To-Date
---------------------------|--------|---------------
Influenza A† | 159 | 3,057
Influenza A (H1) Seasonal | 0 | 0
Influenza A (H3) Seasonal | 0 | 35
Pandemic 2009 H1N1 | 9 | 351
Influenza B | 24 | 84
Influenza A/B† | 4 | 34
Total | 196 | 3,561

*FY is July 1 - June 30, or Week 27 -26. Total deaths reported in prior years: 65 in 2012-13, 14 in 2011-12, and 24 in 2010-11.
† No further characterization performed or results not available at time of publication.
Note: Totals may change due to further laboratory findings.
5,438 total influenza detections were reported in 2012-13

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, rapid and/or lab confirmed)</td>
<td>196</td>
<td>297</td>
<td>3,561</td>
</tr>
<tr>
<td>Percent of emergency department visits for ILI*</td>
<td>6%</td>
<td>8%</td>
<td>8%</td>
</tr>
<tr>
<td>Percent of deaths registered with pneumonia and/or influenza</td>
<td>13%</td>
<td>9%</td>
<td>10%</td>
</tr>
<tr>
<td>Number of influenza-related deaths reported^</td>
<td>8</td>
<td>6</td>
<td>43</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.
* Previous weeks percentages may change due to delayed reporting.
** Includes FYs 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 FYTD (N=3,561)

Figure 3. Percent of Reported Influenza Cases by Age Group and Fiscal Year Total vs. 2013-14 FYTD
Note: Influenza-like illness is defined as fever $\geq 100^\circ F$, and cough and/or sore throat.

Note: Includes any death certificates registered with pneumonia and/or influenza listed anywhere on the death certificate.
Table 3. San Diego County Influenza Cases by HHSA Region,* 2013-14 FYTD

<table>
<thead>
<tr>
<th>HHSA Region</th>
<th>Cases</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>CENTRAL</td>
<td>427</td>
<td>12.0%</td>
</tr>
<tr>
<td>EAST</td>
<td>477</td>
<td>13.4%</td>
</tr>
<tr>
<td>NORTH CENTRAL</td>
<td>447</td>
<td>12.6%</td>
</tr>
<tr>
<td>NORTH COASTAL</td>
<td>384</td>
<td>10.8%</td>
</tr>
<tr>
<td>NORTH INLAND</td>
<td>533</td>
<td>15.0%</td>
</tr>
<tr>
<td>SOUTH</td>
<td>437</td>
<td>12.3%</td>
</tr>
<tr>
<td>MISSING/UNKNOWN</td>
<td>856</td>
<td>24.0%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>3,561</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

*HHSA regions defined by zip code.
Cases received between July 1, 2013 - February 15, 2014.