I. Influenza Summary to Date
Influenza surveillance for suburban Cook County** involves the weekly collection of data from a sample of hospitals, private physician’s offices, and laboratory data. Influenza activity is currently low. Our sentinel participants reported the following aggregate measures: Syndromic Surveillance: 0.87% ILI¹, Sentinel Sites: 2.25% ILI², 12 specimens tested positive for influenza (4 influenza A unknown subtype [subtyping not performed] and 8 influenza B). Since Week 35 (8/25/2013), suburban Cook County has had 188 cases of influenza-associated intensive care unit (ICU) hospitalizations. During week 13, 1 ICU hospitalization due to influenza infection was reported to CDPH. Thank you to all of our surveillance partners for their help in collecting this information.

II. Syndromic Surveillance Data¹

III. Syndromic Surveillance by Age Group Data¹

IV. Sentinel Provider Data²
V. Laboratory Surveillance Data

Week Number

No. of Positive Specimens

Day

Week Number

VI. ICU Hospitalization Data

Week Number

<table>
<thead>
<tr>
<th>Incidence by Region</th>
<th>#</th>
</tr>
</thead>
<tbody>
<tr>
<td>North</td>
<td>62</td>
</tr>
<tr>
<td>West</td>
<td>36</td>
</tr>
<tr>
<td>Southwest</td>
<td>25</td>
</tr>
<tr>
<td>South</td>
<td>64</td>
</tr>
</tbody>
</table>

Hospitalized Case Counts #

| Total Cases | 188 |

Incidence by Age #

| 0-4     | 8  |
| 5-24    | 15 |
| 25-49   | 31 |
| 50-64   | 63 |
| 65+     | 69 |
| Unknown | 2  |

A (unknown subtype)
A H3N2
A H1N1
B
Percent Positive

% Positive Specimens

% of Visits for ILI

Week Number
VII. Regional Data

- Cook
- Chicago
- DuPage
- All 2012-13
- All 2013-14

<table>
<thead>
<tr>
<th>Week Number</th>
<th>35 36 37 38 39</th>
<th>40 41 42 43</th>
<th>44 45 46 47</th>
<th>48 49 50 51 52</th>
<th>1 2 3 4 5 6 7 8</th>
<th>9 10 11 12 13</th>
<th>14 15 16 17</th>
<th>18 19 20 21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sep</td>
<td>Oct</td>
<td>Nov</td>
<td>Dec</td>
<td>Jan</td>
<td>Feb</td>
<td>Mar</td>
<td>Apr</td>
<td>May</td>
</tr>
</tbody>
</table>

% of Visits for ILI

VIII. United States Data

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet

2013-14 Influenza Season Week 13 ending Mar 29, 2014

(All data are preliminary and may change as more reports are received.)


1. Syndromic surveillance influenza-like-illness (ILI) syndrome is defined as a symptom complex fever and cough or sore throat from ESSENCE. 45 hospital EDs participate in ESSENCE. ILI = # of ED visits for ILI / total # of ED visits.
2. ILI is defined as fever ≥ 100°F, cough and/or sore throat in the absence of a known cause other than influenza. 8 hospital EDs and 3 physician offices are participating CDC sentinel sites.
3. Laboratory surveillance includes viral culture, RT-PCR, and the rapid antigen test. Not all cases are suburban Cook County Residents.
4. Hospitalization and death data are only for suburban Cook County residents (excludes Evanston, Skokie, Oak Park, and Stickney). Data includes reported cases for the presented week.

† This map uses the proportion of outpatient visits to health care providers for influenza-like illness to measure the ILI activity level within a state.