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. The risk for influenza infection is currently moderate. Our sentinel participants reported the following aggregate measures: Syndromic Surveillance: 1.11% ILI\(^1\), Sentinel Sites: 1.88% ILI\(^2\). 11.3% of tested specimens were positive for influenza (40 influenza A unknown subtype [subtyping not performed], 25 influenza A H1N1, 1 influenza B). Since Week 35 (8/25/2013), suburban Cook County has had 161 cases of influenza-associated intensive care unit (ICU) hospitalizations. During week 6, 2 ICU hospitalizations due to influenza infection were reported to CCDPH. Thank you to all of our surveillance partners for their help in collecting this information.

II. Syndromic Surveillance Data\(^1\)

III. Syndromic Surveillance by Age Group Data\(^1\)
IV. Sentinel Provider Data

- Baseline
- 2010 - 2011
- 2011 - 2012
- 2012 - 2013
- 2013 - 2014

% of Visits for ILI

Week Number

V. Laboratory Surveillance Data

- Baseline
- 2010 - 2011
- 2011 - 2012
- 2012 - 2013
- 2013 - 2014

Number of Positive Specimens

Week Number

VI. ICU Hospitalization Data

<table>
<thead>
<tr>
<th>Hospitalized Case Counts</th>
<th>#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Cases</td>
<td>161</td>
</tr>
</tbody>
</table>

Incidence by Age

<table>
<thead>
<tr>
<th>Age Range</th>
<th>#</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4</td>
<td>7</td>
</tr>
<tr>
<td>5-24</td>
<td>14</td>
</tr>
<tr>
<td>25-49</td>
<td>21</td>
</tr>
<tr>
<td>50-64</td>
<td>50</td>
</tr>
<tr>
<td>65+</td>
<td>57</td>
</tr>
<tr>
<td>Unknown</td>
<td>12</td>
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</table>

Incidence by Region

<table>
<thead>
<tr>
<th>Region</th>
<th>#</th>
</tr>
</thead>
<tbody>
<tr>
<td>North</td>
<td>54</td>
</tr>
<tr>
<td>West</td>
<td>33</td>
</tr>
<tr>
<td>Southwest</td>
<td>22</td>
</tr>
<tr>
<td>South</td>
<td>52</td>
</tr>
</tbody>
</table>
VII. Regional Data

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

VIII. United States Data†

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2013-14 Influenza Season Week 6 ending Feb 08, 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. Participating laboratories: IDPH, NSUHS, and ACL.
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.