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: 0.98% ILI, Sentinel Sites: 1.88% ILI. Since Week 35 (8/25/2013), suburban Cook County has had 177 cases of influenza-associated intensive care unit (ICU) hospitalizations. During week 10, 1 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

III. Syndromic Surveillance by Age Group Data
IV. Sentinel Provider Data

- **% of Visits for ILI**
  - Graph shows changes over time from 2010 to 2014, with peaks in late fall and early winter.

V. Laboratory Surveillance Data

- **Number of Positive Specimens by Week**
- **% Positive Specimens by Week**
- Graphs illustrate the number and percentage of positive specimens over time, categorized by subtype (A (unknown subtype), A H3N2, A H1N1, B).

VI. ICU Hospitalization Data

- **Hospitalized Case Counts**
- **Incidence by Age**
  - Counts by age group (0-4, 5-24, 25-49, 50-64, 65+, Unknown)
- **Incidence by Region**
  - Counts by region (North, West, Southwest, South)
- Graphs show hospitalization counts and trends by week.
VII. Regional Data

(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 $\geq$ 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.