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 high. Our sentinel participants reported the following aggregate measures: Syndromic Surveillance: 1.83% ILI, Sentinel Sites: 3.05% ILI. 22.1% of tested specimens were positive for influenza (130 influenza A unknown subtype [subtyping not performed], 2 influenza A H3N2, 54 influenza A H1N1, 2 influenza B). Since Week 35 (8/25/2013), suburban Cook County has had 143 cases of influenza-associated intensive care unit (ICU) hospitalizations. During week 4, 10 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

- Graph showing the percentage of visits for ILI over time, with data points from 2010 to 2014.

V. Laboratory Surveillance Data

- Graph showing the number of positive specimens and the percentage positive by week for different strains of influenza (A, A H3N2, A H1N1, B).

VI. ICU Hospitalization Data

- Table summarizing the number of ICU hospitalizations by week, grouped by total cases, age, and region.
VII. Regional Data


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.

VIII. United States Data†

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