

Influenza Situation Report

2016-2017 Seasonal Influenza Week 4

(Jan 22 2017 – Jan 28 2017)

Marion County Public Health Department, IN 2017-02-03

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Updates on Most Recent Local Activity: Week 05 (Jan 31 – Jan 04)

- The percent and count of ILI visits for this week (Week 5) are 1.57% and 138, respectively. These numbers imply that ILI is higher this week. For this time of year and compared to previous flu seasons, these numbers are higher than the last two flu seasons but lower than other recent flu seasons.

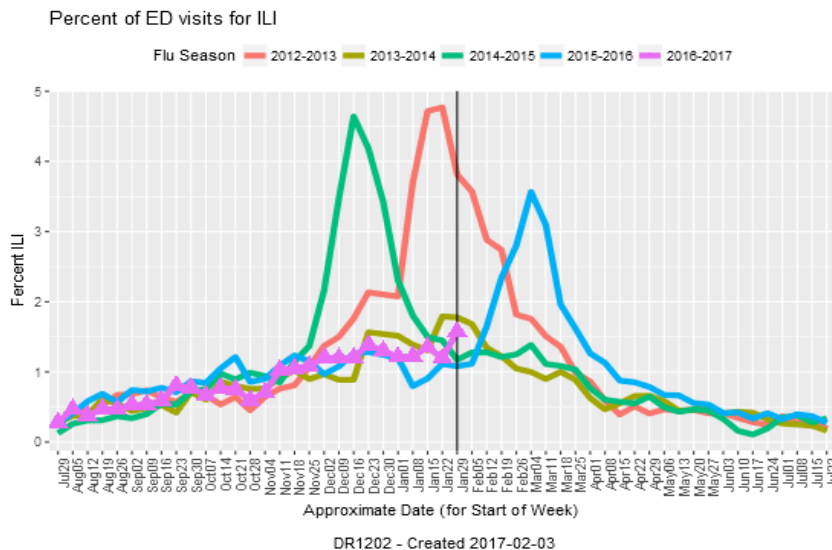
Local (Week 4)

- The percent and count of ED visits with a chief complaint of ILI was 1.2% and 136 of all ED visits, respectively.
- Children under the age of 5 have the highest age-specific percent ILI (3.5%).

Emergency Department Visits for Influenza-Like Illness

Figure 1. Percent Influenza-like Illness of all Marion County Hospital ED Visits, Current Year

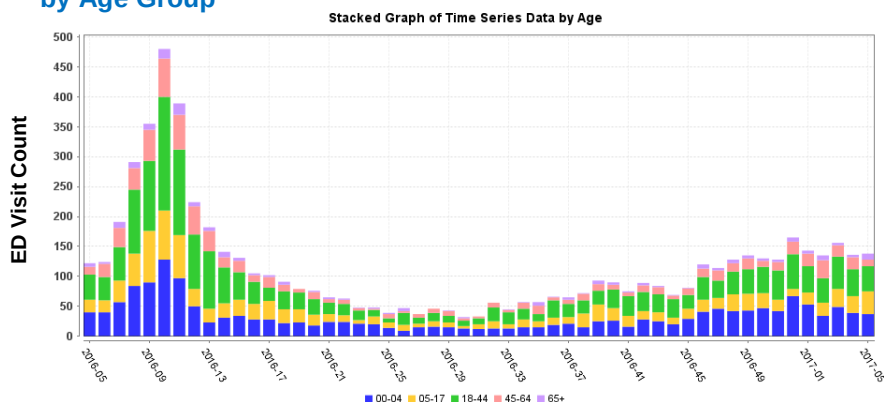
Table 1. Age group specific percent of ILI ED Visits at Marion County Hospitals, by Age Group



Data Source: ISDH ESSENCE

Age Group (years)	Week 4 %ILI	Week 52-3 Average %ILI (Avg.)
<5	3.5	4.1
5-17	2.2	2.0
18-44	1.0	1.1
45-64	0.8	0.8
65+	0.2	0.3
Total	1.2	1.3

Figure 2. Weekly count of ILI ED Visits for Marion County Hospitals, by Age Group



Data Source: ISDH ESSENCE

The overall percent ILI for Week 4 is 1.2% (slightly lower than last week).

ILI visit means that the patient reported fever with cough or sore throat, or used the word "flu" to describe either their symptoms or their reason for the ED visit.

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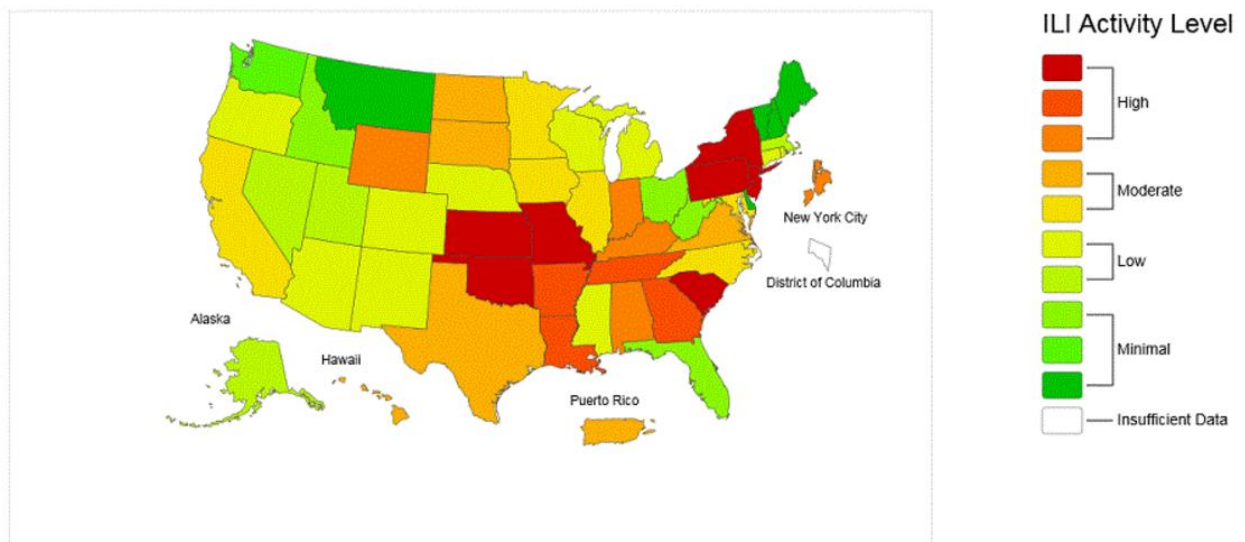
Indiana (Week 4)

As of 3:00pm today, a weekly flu report for Week 4 was not yet available from the Indiana State Department of Health.

National (Week 4)

<http://www.cdc.gov/flu/weekly/>

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2016-17 Influenza Season Week 4 ending Jan 28, 2017



- During Week 4, the majority of states are reporting moderate to high and widespread influenza activity. In addition, during Week 4, 3.9% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is an increase from the previous week (Week 3=3.4%) and above the national baseline (2.2%).
- Seven additional influenza-associated pediatric deaths were reported to CDC. There have been 15 influenza-associated pediatric deaths reported during the 2016-2017 season.
- The most frequently identified influenza virus type reported by public health laboratories during Week 4 was influenza A (H3). The percentage of respiratory specimens testing positive for influenza in clinical laboratories increased. The number of specimens testing positive by virus type: Influenza A 4,227 (88.3%) and Influenza B 559 (11.7%)