

Influenza Situation Report

2016-2017 Seasonal Influenza Week 14

(Apr 02 2017 – Apr 08 2017)

Marion County Public Health Department, IN 2017-04-14

Please send comments or suggestions about content to epidemiology@hhcorp.org.

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Updates on Most Recent Local Activity: Week 15 (Apr 8 – Apr 15)

- The percent and count of ILI visits for this incomplete week (Week 15) are 0.87% and 79, respectively. These numbers imply that ILI has decreased this week and is at a low level, as has been the case during this time of year for the past four flu seasons.

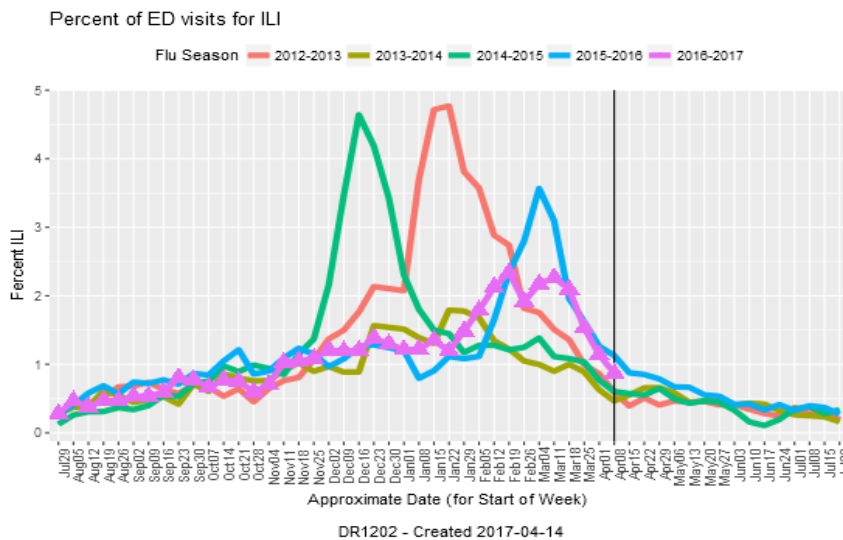
Local (Week 14)

- The percent and count of ED visits with a chief complaint of ILI was 1.1% and 134 of all ED visits, respectively.
- Children of age 0-4 have the highest age-specific percent ILI (2.7%).

Emergency Department Visits for Influenza-Like Illness

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

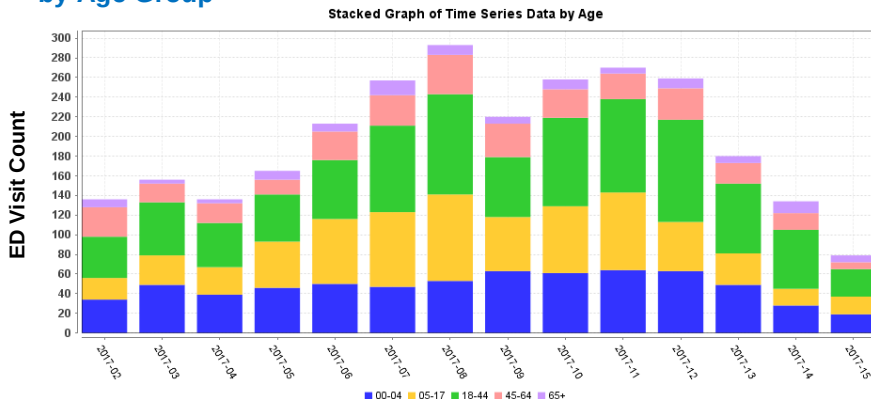
Table 1. Age group specific percent of ILI ED Visits at Marion County Hospitals, by Age Group



Age Group (years)	Week 14 %ILI	Week 10-13 Average %ILI (Avg.)
<5	2.7	4.4
5-17	1.4	4.0
18-44	1.2	1.9
45-64	0.6	1.0
65+	0.7	0.5
Total	1.1	2.0

Data Source: ISDH ESSENCE

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 14 is 1.1% (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 14)

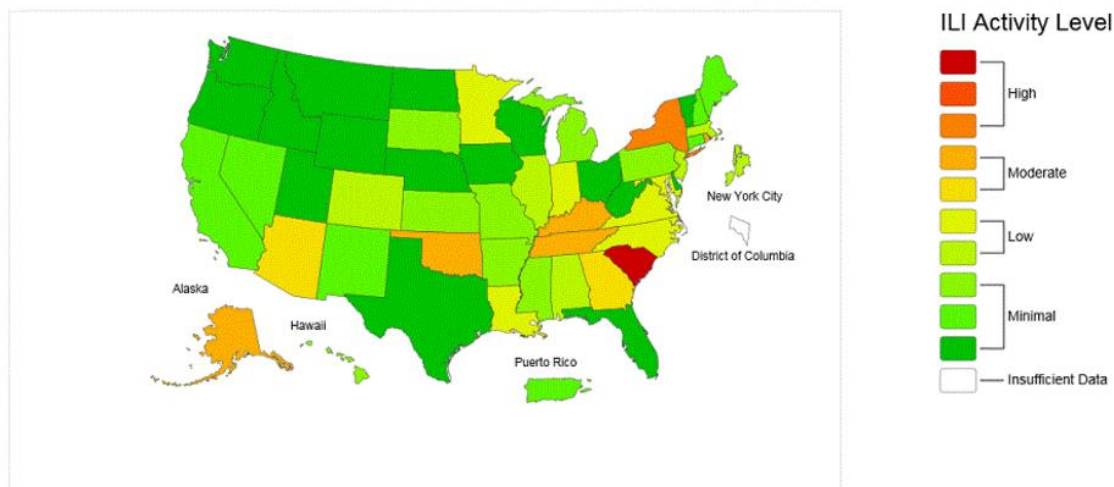
<http://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2014-2016-2017.pdf>

- Indiana is experiencing local and low influenza activity. For Week 14, ISDH reports 2.78% ILI at sentinel provider sites and 1.25% ILI ED visits. This is a decrease in sentinel surveillance and in ED surveillance compared to last week.
- The total number of mortalities in Indiana this flu season is 84.
- For Week 14 and among samples tested at the state lab: 1 specimen tested positive for 2009 A/H1N1pdm virus; 17 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza A/H1 seasonal virus; 19 specimens tested positive for Influenza B seasonal virus.

National (Week 14)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2016-17 Influenza Season Week 14 ending Apr 08, 2017



- During Week 14, the majority of states are reporting minimal influenza activity. In addition, during Week 14, 2.6% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is lower than the previous week (Week 13=2.9%) and above the national baseline (2.2%).
- Four additional influenza-associated pediatric deaths were reported to CDC. There have been 72 influenza-associated pediatric deaths reported during the 2016-2017 season.
- The most frequently identified influenza virus type reported by public health laboratories during Week 14 was Influenza B. The percentage of respiratory specimens testing positive for Influenza in clinical laboratories decreased.

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The number of specimens testing positive by virus type: Influenza A 981 (32.2%) and Influenza B 2,063 (67.8%).

Flu Deaths in Marion County

There have been at least 13 flu deaths in Marion County this flu season.