

Influenza Situation Report

2016-2017 Seasonal Influenza Week 1

(Jan 1 2017 – Jan 7 2017)

Marion County Public Health Department, IN 2017-01-13

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

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Updates on Most Recent Local Activity: Week 02 (Jan 08 – Jan 14)

- The percent and count of ILI visits for this week (Week 2) are 0.71% and 65, respectively. These numbers imply that ILI is slightly lower this week and also lower for this time of year compared to the previous flu seasons.

Local (Week 1)

- The percent and count of ED visits with a chief complaint of ILI was 0.8% and 97 of all ED visits, respectively.
- Children under the age of 5 have the highest age-specific percent ILI (3.4%).

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 1 %ILI	Week 49-52 Average %ILI (Avg.)
<5	3.4	3.5
5-17	1.3	1.3
18-44	0.4	0.4
45-64	0.4	0.2
65+	0.4	0.3
Total	0.8	0.8

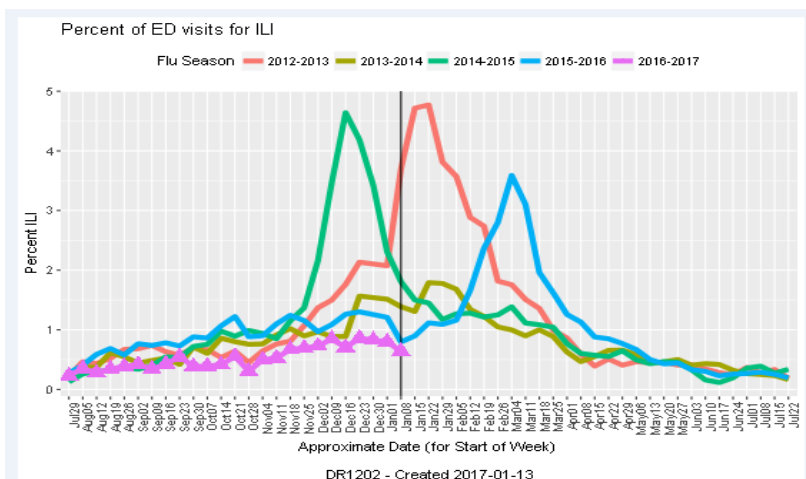
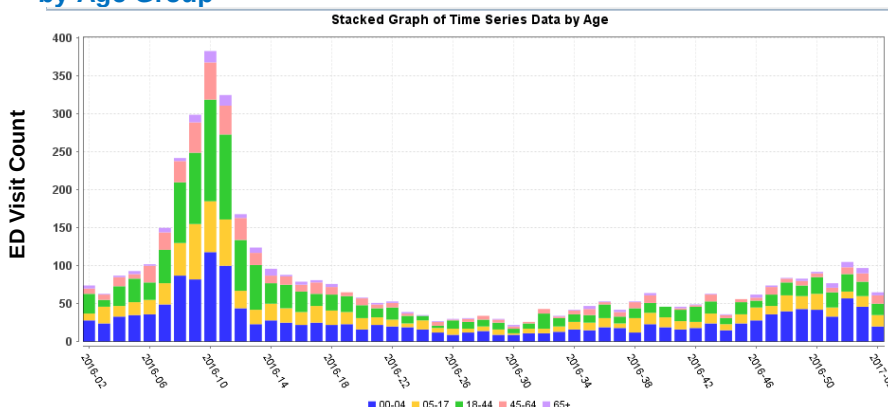


Figure 2. Weekly count of ILI ED Visits for Marion County Hospitals, by Age Group



The overall percent ILI for Week 1 is 0.8% (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.

Data Source: MCPHD ESSENCE

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Indiana (Week 1)

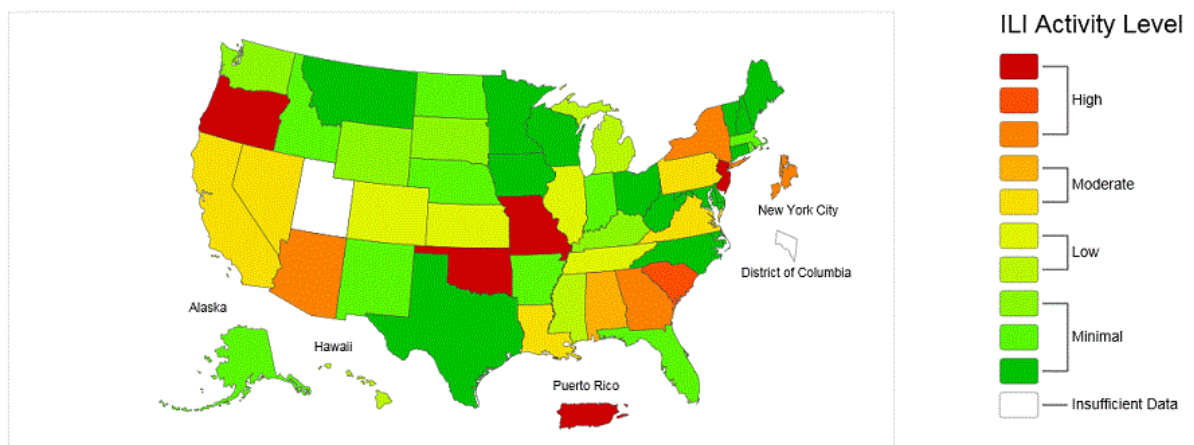
<http://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%201-2016-2017.pdf>

- Indiana is experiencing minimal and regional influenza activity. For Week 1, ISDH reports 1.89% ILI at sentinel provider sites and 1.69% ILI ED visits. This is a decrease in sentinel surveillance and a decrease in ED surveillance compared to last week.
- Two deaths have been reported in Indiana for Week 1. The total number of mortalities in Indiana this flu season is 4.
- For Week 1 and among samples tested at the state lab: 2 specimens tested positive for 2009 A/H1N1pdm virus; 8 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza A/H1 seasonal virus; 5 specimens tested positive for Influenza B seasonal virus.

National (Week 52)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2016-17 Influenza Season Week 1 ending Jan 07, 2017



- During Week 1, the majority of states are reporting minimal influenza activity. In addition, during Week 1, 3.2% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is a decrease from the previous week (Week 52=3.4%) and above the national baseline (2.2%).
- Three influenza-associated pediatric deaths were reported to CDC during week 1. There have been 3 influenza-associated pediatric deaths reported during the 2016-2017 season.
- The most frequently identified influenza virus type reported by public health laboratories during week 1 was influenza A (H3). The percentage of respiratory specimens testing positive for influenza in clinical laboratories

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increased. The number of specimens testing positive by virus type: Influenza A 3,287 (91.8%) and Influenza B 293 (8.2%).