

Influenza Situation Report

2016-2017 Seasonal Influenza Week 2

(Jan 8 2017 – Jan 14 2017)

Marion County Public Health Department, IN 2017-01-20

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Updates on Most Recent Local Activity: Week 03 (Jan 15 – Jan 21)

- The percent and count of ILI visits for this week (Week 3) are 1.09% and 103, respectively. These numbers imply that ILI is slightly higher this week, but lower for this time of year compared to the previous flu seasons.

Local (Week 2)

- The percent and count of ED visits with a chief complaint of ILI was 0.87% and 99 of all ED visits, respectively.
- Children under the age of 5 have the highest age-specific percent ILI (2.3%).

Emergency Department Visits for Influenza-Like Illness

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

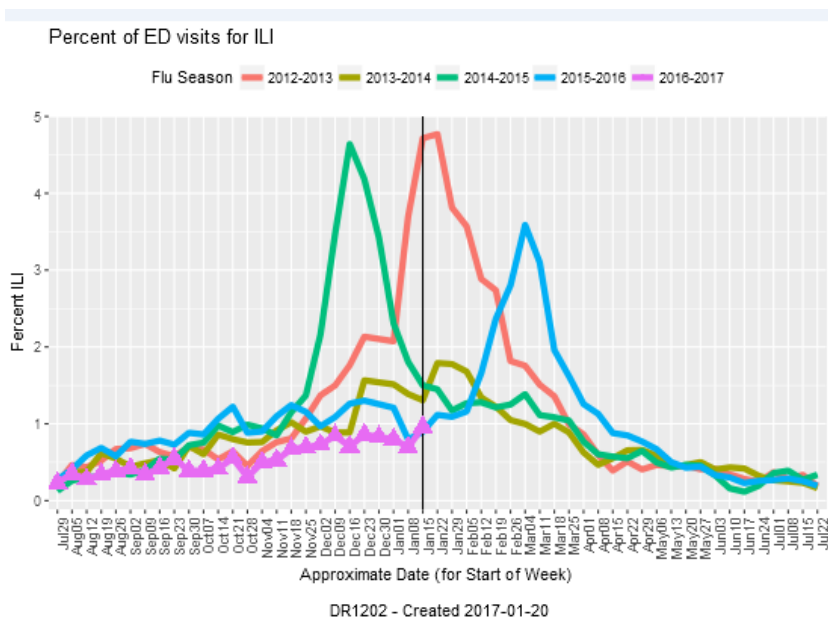
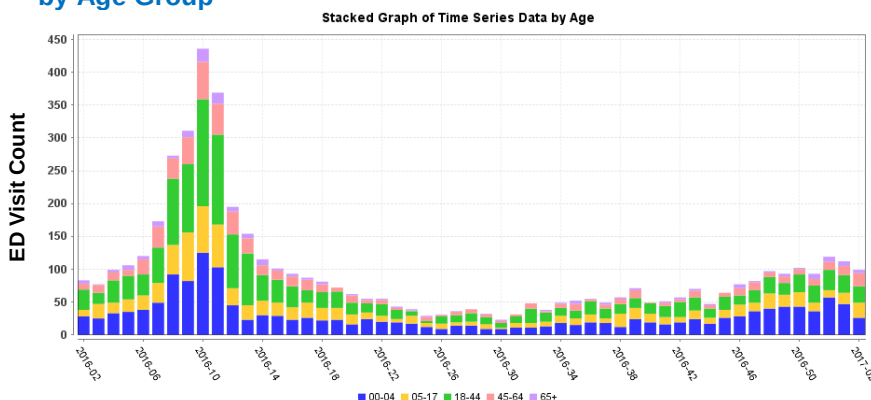


Table 1. Age group specific percent of ILI ED Visits at Marion County Hospitals, by Age Group

Age Group (years)	Week 2 %ILI	Week 50-1 Average %ILI (Avg.)
<5	2.3	3.6
5-17	2.1	1.5
18-44	0.5	0.6
45-64	0.7	0.4
65+	0.3	0.3
Total	0.9	0.9

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



Data Source: MCPHD ESSENCE

The overall percent ILI for Week 2 is 0.9% (slightly higher 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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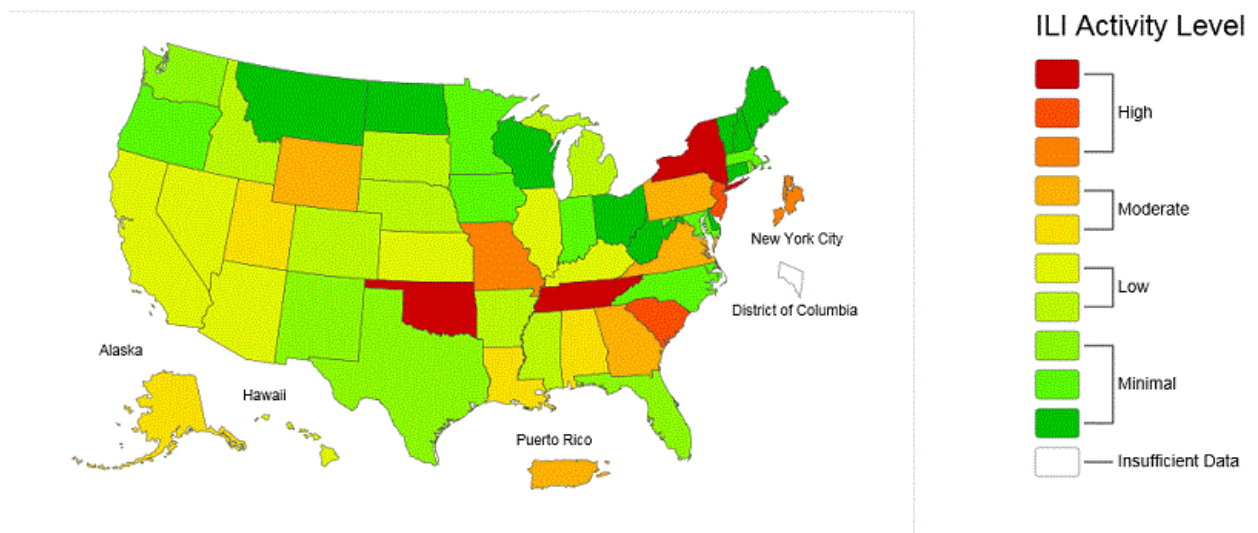
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<http://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%202-2016-2017.pdf>

- Indiana is experiencing minimal and local influenza activity. For Week 2, ISDH reports 1.99% ILI at sentinel provider sites and 1.46% ILI ED visits. This is an increase in sentinel surveillance and in ED surveillance compared to last week.
- Three deaths have been reported in Indiana for Week 2. The total number of mortalities in Indiana this flu season is 8.
- For Week 2 and among samples tested at the state lab: 2 specimens tested positive for 2009 A/H1N1pdm virus; 12 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza A/H1 seasonal virus; 2 specimens tested positive for Influenza B seasonal virus.

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2016-17 Influenza Season Week 2 ending Jan 14, 2017



- During Week 2, the majority of states are reporting minimal and low influenza activity. In addition, during Week 2, 3.3% 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 1=3.2%) and above the national baseline (2.2%).
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- Two influenza-associated pediatric deaths were reported to CDC during week 2. There have been 5 influenza-associated pediatric deaths reported during the 2016-2017 season.
- The most frequently identified influenza virus type reported by public health laboratories during week 2 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 3,916 (92.0%) and Influenza B 342 (8.0%).