

Influenza Situation Report

2016-2017 Seasonal Influenza Week 50

(Dec 11 2016 – Dec 17 2016)

Marion County Public Health Department, IN 2017-01-09

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Updates on Most Recent Local Activity: Week 51 (Dec 18 – Dec 24)

- The percent and count of ILI visits for this week (Week 51) are 0.85% and 93, respectively. These numbers imply that ILI is slightly lower this week, but similar for this time of year compared to the previous flu seasons.

Local (Week 50)

- The percent and count of ED visits with a chief complaint of ILI was 0.92% and 102 of all ED visits, respectively.
- Children under the age of 5 have the highest age-specific percent ILI (3.1%).

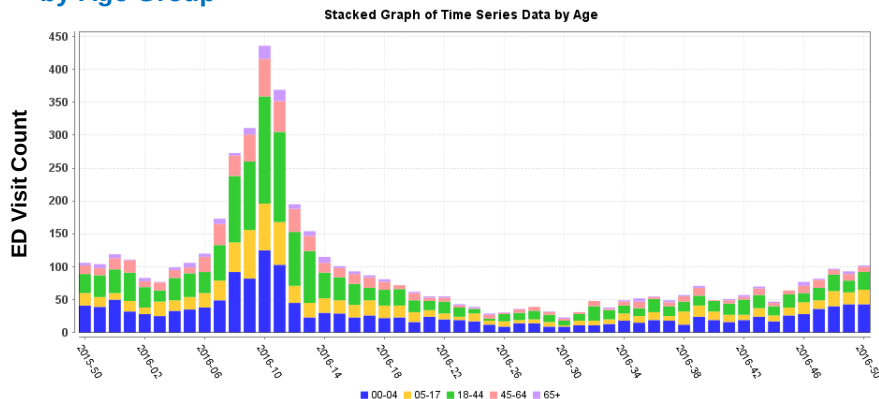
Emergency Department Visits for Influenza-Like Illness

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 50 %ILI	Week 46-49 Average %ILI (Avg.)
<5	3.1	2.9
5-17	1.9	1.4
18-44	0.6	0.4
45-64	0.3	0.4
65+	0.1	0.2
Total	0.9	0.8

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



The overall percent ILI for Week 50 is 0.9% (same as 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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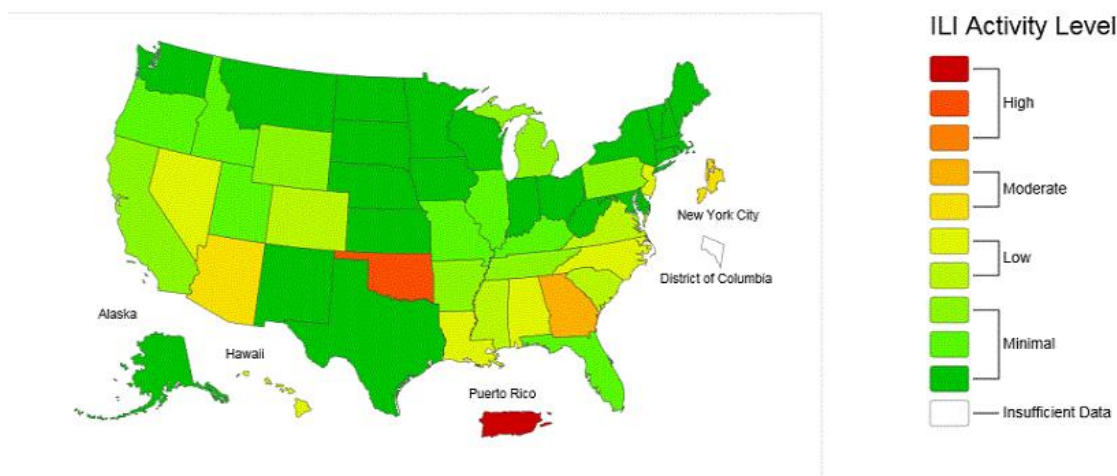
Indiana (Week 50)

- Indiana is experiencing minimal and local influenza activity. For Week 50, ISDH reports 1.25% ILI at sentinel provider sites and 1.3% ILI ED visits. This is an increase in sentinel surveillance and an increase in ED surveillance compared to last week.
- No flu deaths have been reported in Indiana for Week 50. There have been no mortalities in Indiana this flu season.
- For Week 50 and among samples tested at the state lab: 0 specimens tested positive for 2009 A/H1N1pdm virus; 2 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza A/H1 seasonal virus; 1 specimens tested positive for Influenza B seasonal virus.

National (Week 50)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2016-17 Influenza Season Week 50 ending Dec 17, 2016



- During Week 50, 2.3% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is higher than national baseline (2.2%).
- No influenza-associated pediatric deaths were reported to CDC during week 51. There have been 0 influenza-associated pediatric deaths reported during the 2016-2017 season.
- The most frequently identified influenza virus type reported by public health laboratories during week 50 was influenza A (H3). The number of specimens testing positive by virus type: Influenza A 986 (87.3%) and Influenza B 144 (12.7%).