

Influenza Situation Report

2016-2017 Seasonal Influenza Week 51

(Dec 18 2016 – Dec 24 2016)

Marion County Public Health Department, IN 2016-12-30

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

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Updates on Most Recent Local Activity: Week 52 (Dec 25 – Dec 31)

- The percent and count of ILI visits for this incomplete week (Week 52) are 0.96% and 92, respectively. These numbers imply that ILI is slightly higher this week, but also lower for this time of year compared to the previous flu seasons.

Local (Week 51)

- The percent and count of ED visits with a chief complaint of ILI was 0.85% and 93 of all ED visits, respectively.
- Children under the age of 5 have the highest age-specific percent ILI (3.0%).

Emergency Department Visits for Influenza-Like Illness

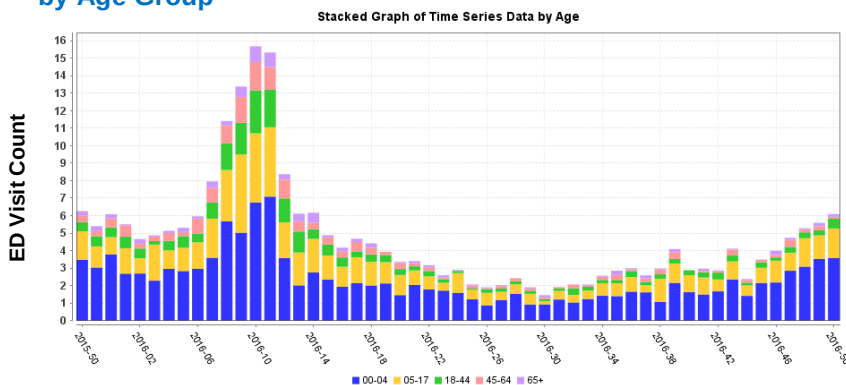
Figure 1. Percent Influenza-like Illness of all Marion County Hospital ED Visits, Current Year

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

Age Group (years)	Week 51 %ILI	Week 47-50 Average %ILI (Avg.)
<5	3.1	3.3
5-17	1.3	1.6
18-44	0.6	0.5
45-64	0.4	0.4
65+	0.5	0.2
Total	0.9	0.8

This graph was not produced for Week 51 due to technical issues.

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



The overall percent ILI for Week 49 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.

Data Source: MCPHD ESSENCE

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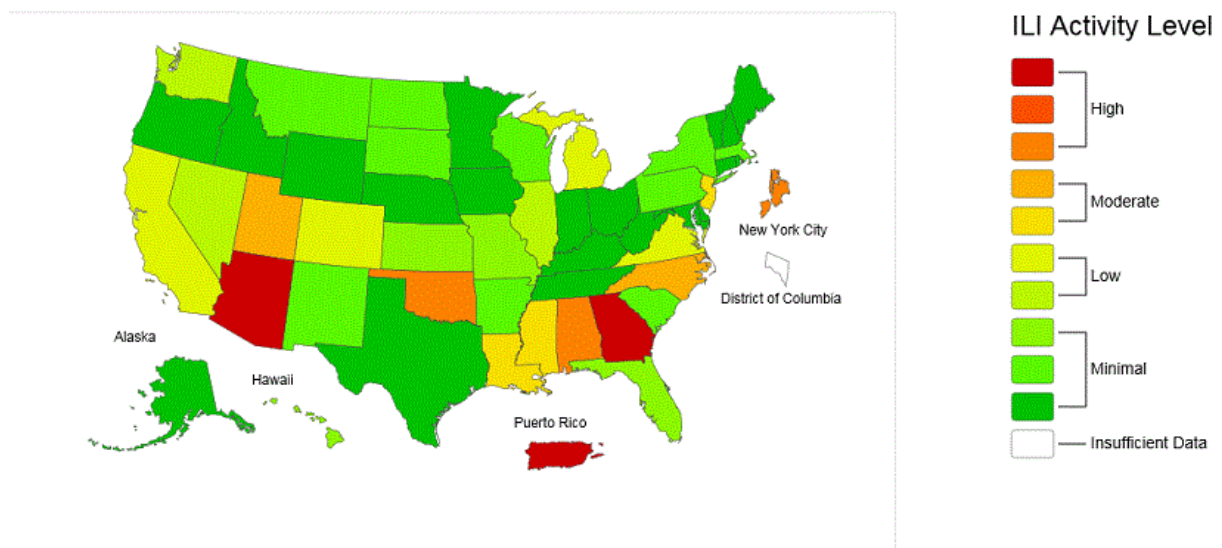
Indiana (Week 51)

As of 3:00pm today, a weekly flu report for Week 51 was not yet available from the Indiana State Department of Health.

National (Week 51)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2016-17 Influenza Season Week 51 ending Dec 24, 2016



- During Week 51, 2.9% 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 51 was influenza A (H3). The number of specimens testing positive by virus type: Influenza A 1,575 (86.8%) and Influenza B 239 (13.2%).