

Influenza Situation Report

2016-2017 Seasonal Influenza Week 49

(Dec 04 2016 – Dec 10 2016)

Marion County Public Health Department, IN 2016-12-16

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

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Updates on Most Recent Local Activity: Week 50 (Dec 11 – Dec 17)

- The percent and count of ILI visits for this incomplete week (Week 50) are 0.82% and 72, respectively. These numbers imply that ILI is slightly higher this week, but also lower for this time of year compared to the previous 4 flu seasons.

Local (Week 49)

- The percent and count of ED visits with a chief complaint of ILI was 0.73% and 83 of all ED visits, respectively.
- Children under the age of 5 have the highest age-specific percent ILI (3.5%).

Emergency Department Visits for Influenza-Like Illness

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

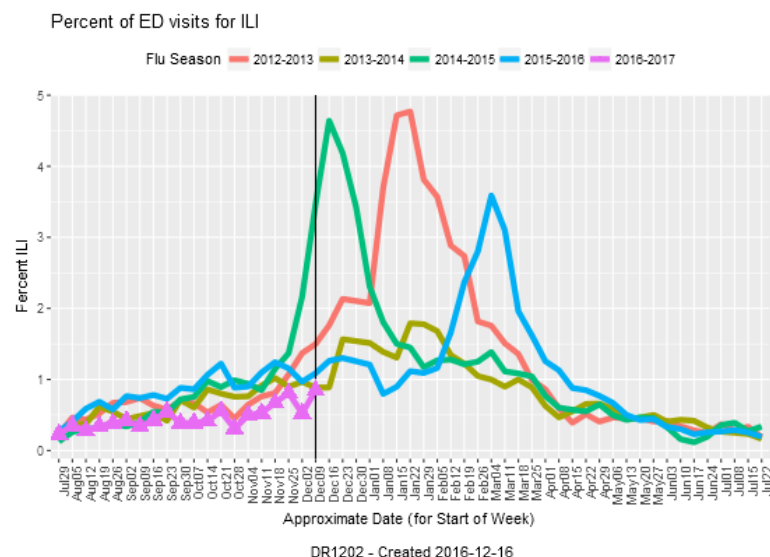
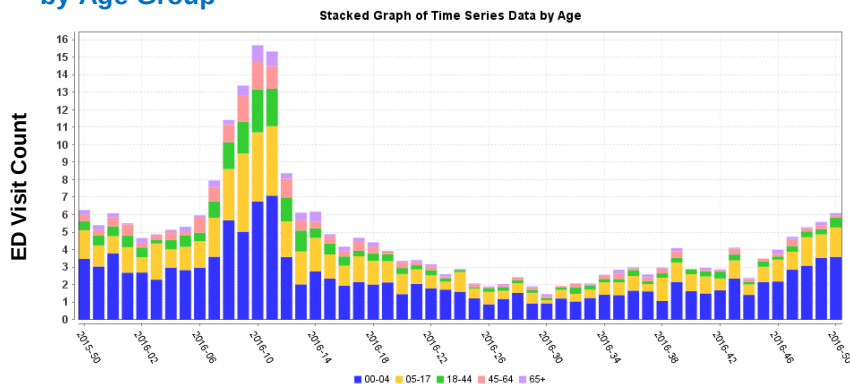


Table 1. Age group specific percent of ILI ED Visits at Marion County Hospitals, by Age Group

Age Group (years)	Week 49 %ILI	Week 45-48 Average %ILI (Avg.)
<5	3.5	2.6
5-17	1.3	1.2
18-44	0.3	0.3
45-64	0.2	0.2
65+	0.2	0.1
Total	0.7	0.6

Data Source: MCPHD ESSENCE

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



Data Source: MCPHD ESSENCE

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 49 is 0.7% (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.

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Indiana (Week 49)

As of 4:00pm today, a weekly flu report for Week 49 was not yet available from the Indiana State Department of Health.

National (Week 49)

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

- During Week 49, 1.9% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is below the national baseline (2.2%).
- No influenza-associated pediatric deaths were reported to CDC during week 49. 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 49 was influenza A (H3). The number of specimens testing positive by virus type: Influenza A 575 (79.0%) and Influenza B 153 (21.0%).