

Influenza Situation Report

2016-2017 Seasonal Influenza Week 47

(Nov 20 2016 – Nov 26 2016)

Marion County Public Health Department, IN 2016-12-2

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Updates on Most Recent Local Activity: Week 48 (Nov 27 – Dec 3)

- The percent and count of ILI visits for last week (Week 48) are .92% and 75, respectively. These numbers are slightly higher than the week prior, but also lower for this time of year compared to the previous 4 flu seasons.

Local (Week 47)

- The percent and count of ED visits with a chief complaint of ILI was .74% and 82 of all ED visits, respectively.
- Children under the age of 5 have the highest age-specific percent ILI (2.8%).

Emergency Department Visits for Influenza-Like Illness

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

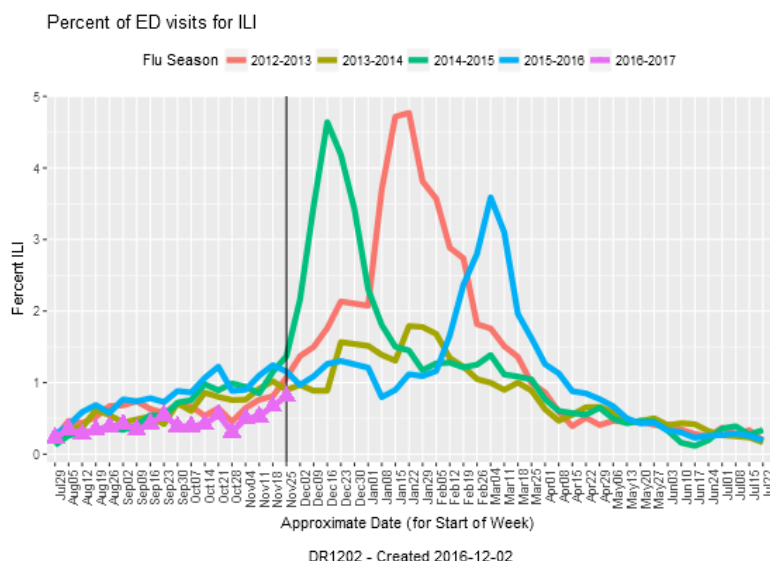
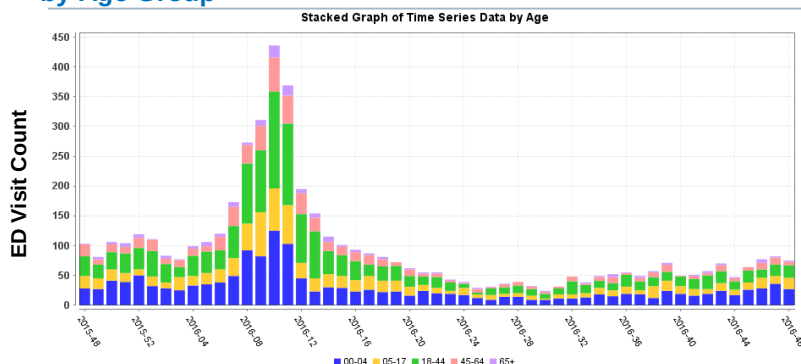


Table 1. Age group specific percent of ILI ED Visits at Marion County Hospitals, by Age Group

Age Group (years)	Week 47 %ILI	Week 43-46 Average %ILI (Avg.)
<5	2.8	2.1
5-17	1.2	1.0
18-44	0.4	0.3
45-64	0.5	0.3
65+	0.1	0.2
Total	0.7	0.5

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 47 is 0.7% (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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Indiana (Week 46)

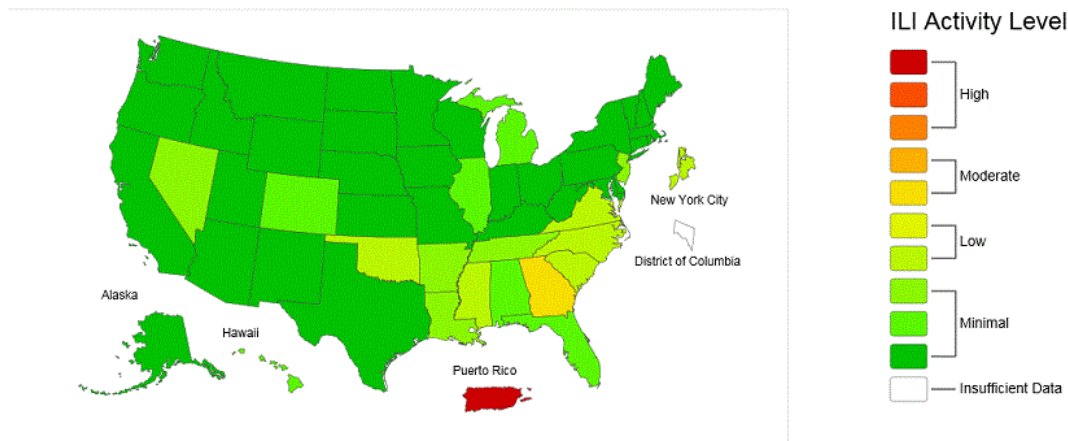
<http://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2047-2016-2017.pdf>

- Indiana is experiencing local and minimal influenza activity. For Week 47, ISDH reports 0.95% ILI at sentinel provider sites and 1.15% ILI ED visits. This is an increase in sentinel surveillance and an increase in ED surveillance compared to last week.
- No flu associated deaths have been reported in Indiana for Week 47 or this flu season.
- For Week 47 and among samples tested at the state lab: 0 specimens tested positive for 2009 A/H1N1pdm virus; 0 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza A/H1 seasonal virus; 0 specimens tested positive for Influenza B seasonal virus; 0 specimen positive for influenza co-infection; and there were no inconclusive samples.

National (Week 46)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2016-17 Influenza Season Week 47 ending Nov 26, 2016



- During Week 47, 1.8% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is slightly higher than last week (1.6%) and below the national baseline (2.2%).
- No influenza-associated pediatric deaths were reported to CDC during week 47. 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 47 was influenza A (H3). The number of specimens testing positive by virus type: Influenza A 372 (70.9%) and Influenza B 153 (29.1%).