

Influenza Situation Report

2015-2016 Seasonal Influenza Week 49

(Dec 6 – Dec 12, 2015)

Marion County Public Health Department, IN 2015-12-18,

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Updates on Most Recent Local Activity: Week 50 (Dec 13 – 19)

- Influenza-like illness (ILI) incidence appears to be typical for this time of year and suggests a decrease from last week. The percent and count of ILI visits for the most current week (Week 50) was 1.02% and 94, respectively.

Local (Week 49)

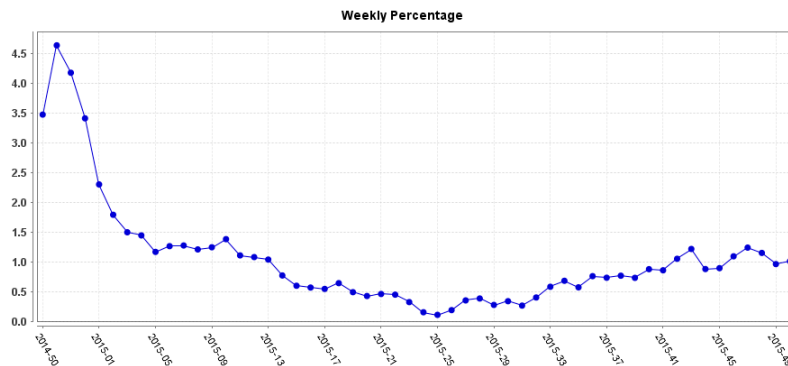
http://www.mchd.com/FLU/Flu_edv.htm

- The percent and count of ED visits with a chief complaint of ILI is 1.0% and 112 of all ED visits, respectively.
- Children under age 5 have the highest age-specific percent ILI (3.3%).

Emergency Department Visits for Influenza-Like Illness

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

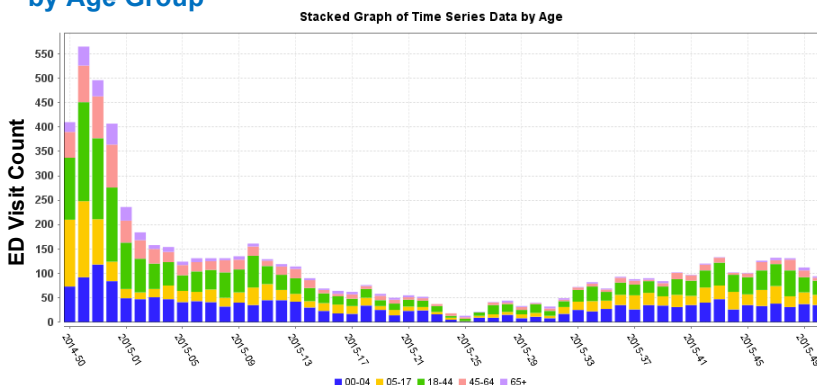
Table 1. Age group specific percent of ILI ED Visits at Marion County Hospitals, by Age Group



Data Source: ISDH ESSENCE

Age Group (years)	Week 49 %ILI	Week 45-48 Average %ILI (Avg.)
<5	3.3%	3.2%
5-17	1.8%	2.3%
18-44	0.6%	0.9%
45-64	0.5%	0.5%
65+	0.4%	0.2%
Total	1.0%	1.1%

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



Data Source: ISDH ESSENCE

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 49 is 1.0% (slightly lower 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 49)

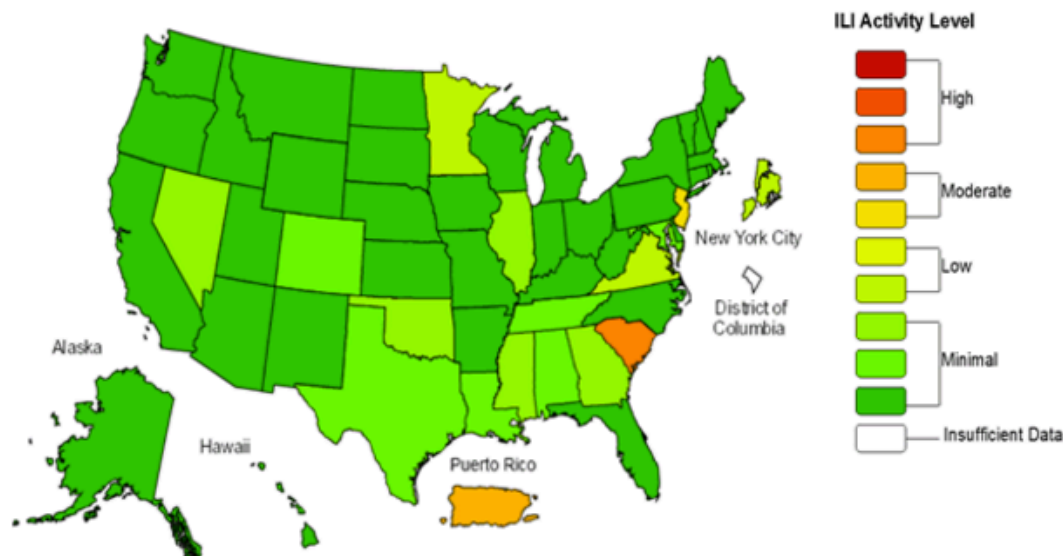
http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_49-2015-16.pdf

- Indiana is experiencing minimal and sporadic influenza activity. For Week 49, ISDH reports 0.92% ILI at sentinel provider sites and 1.22% ILI ED visits. This is a slight increase in sentinel surveillance and a slight decrease in ED surveillance compared to last week.
- No deaths have been reported in Indiana for Week 49. The total number of mortalities in Indiana this flu season is 2.
- For Week 49 and among samples tested at the state lab: 0 specimens tested positive for Influenza A/H1 seasonal virus; 1 specimen tested positive for Influenza A/H3 seasonal virus; 1 specimen tested positive for Influenza B seasonal virus.

National (Week 49)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 49 ending Dec 12, 2015



- During Week 49, the majority of states are reporting minimal influenza activity. In addition, during Week 49, 1.9% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network

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(ILINet) were due to ILI. This is a slight increase from the previous week (Week 48=1.8%) and below the national baseline (2.1%).

- CDC reports no confirmed influenza-related pediatric deaths for Week 49. The season mortality is at 3.
- A total of 134 lab specimens tested positive for Influenza at public health laboratories (23 for Influenza A [subtype breakdown- 18 for A(H1N1)pdm09, 100 for H3]; 16 for Influenza B).