

Influenza Situation Report

2015-2016 Seasonal Influenza Week 48

(Nov 29 – Dec 5, 2015)

Marion County Public Health Department, IN 2015-12-11,

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

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Updates on Most Recent Local Activity: Week 49 (Dec 6 – 12)

- 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 49) was 0.59% and 51, respectively. Note: MCPHD has not received data for today, so the ILI count is an under-report. Nevertheless, these numbers appear typical for this time of year and suggest a decrease from last week.

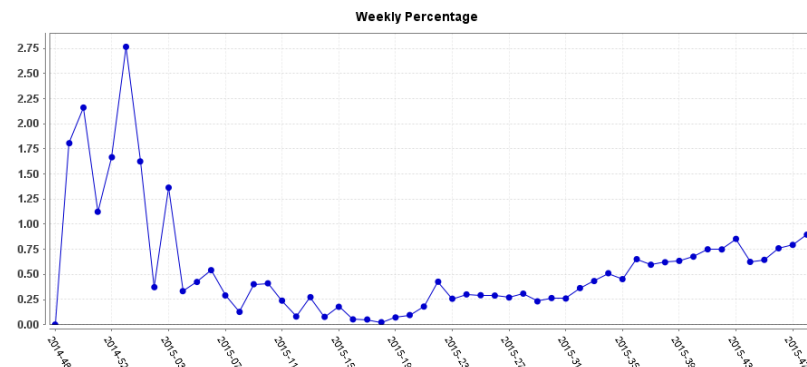
Local (Week 48)

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

- The percent and count of ED visits with a chief complaint of ILI is 0.9% and 103 of all ED visits, respectively.
- Children under age 5 have the highest age-specific percent ILI (2.6%).

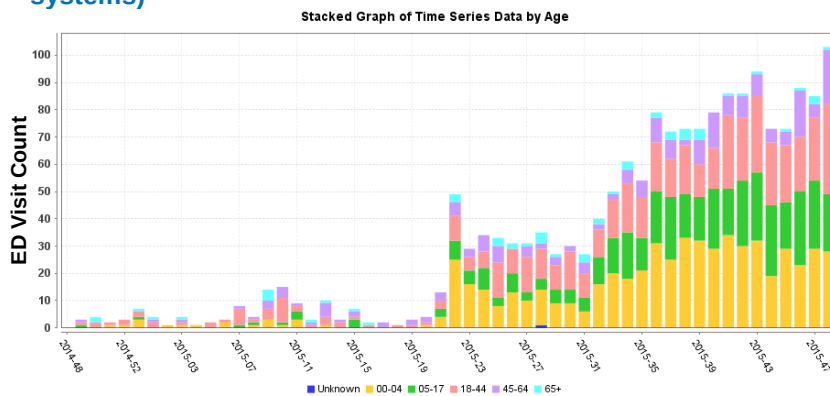
Emergency Department Visits for Influenza-Like Illness

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



Data Source: MCPHD ESSENCE, MCPHD Epidemiology

Figure 2. Weekly count of ILI ED Visits for Marion County Hospitals, by Age Group (Only includes currently contributing hospital systems)



Data Source: MCPHD ESSENCE, MCPHD Epidemiology

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

Age Group (years)	Week 48 %ILI	Week 44-47 Average %ILI (Avg.)
<5	2.6%	2.3%
5-17	1.7%	1.9%
18-44	0.7%	0.4%
45-64	0.8%	0.3%
65+	0.1%	0.1%
Total	0.9%	0.7%

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 48 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.

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Indiana (Week 48)

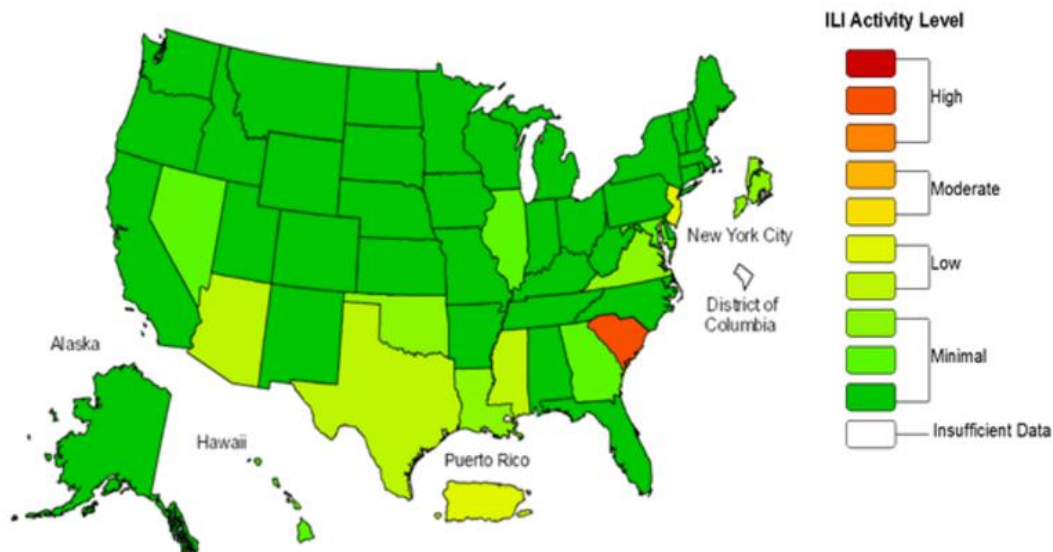
http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_48-2015-16.pdf

- Indiana is experiencing minimal and sporadic influenza activity. For Week 48, ISDH reports 0.87% ILI at sentinel provider sites and 1.30% ILI ED visits. This is a decrease in sentinel surveillance and a slight decrease in ED surveillance compared to last week.
- No deaths have been reported in Indiana for Week 48. The total number of mortalities in Indiana this flu season is 2.
- For Week 48 and among samples tested at the state lab: 0 specimens tested positive for Influenza A/H1 seasonal virus; 0 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza B seasonal virus.

National (Week 48)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 48 ending Dec 05, 2015



- During Week 48, the majority of states are reporting minimal influenza activity. In addition, during Week 48, 1.8% 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 decrease from the previous week (Week 47=1.9%) and below the national baseline (2.1%).

- CDC reports 1 confirmed influenza-related pediatric death for Week 48. The season mortality is at 3. (Another pediatric death was reported, though the death occurred during the 2014-2015 season.)
- A total of 36 lab specimens tested positive for Influenza at public health laboratories (23 for Influenza A [subtype breakdown- 5 for A(H1N1)pdm09, 15 for H3, 3 were untested]; 13 for Influenza B).