

Influenza Situation Report

2015-2016 Seasonal Influenza Week 50

(Dec 13 – Dec 19, 2015)

Marion County Public Health Department, IN 2015-12-28,

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Updates on Most Recent Local Activity: Week 51 (Dec 20 – 26)

- Influenza-like illness (ILI) incidence appears to be typical for this time of year and suggests an increase from last week. The percent and count of ILI visits for the most current week (Week 51) were 1.26% and 134, respectively.

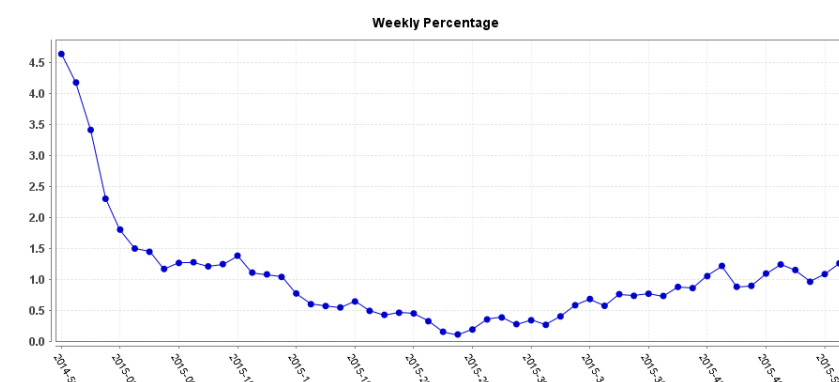
Local (Week 50)

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

- The percent and count of ED visits with a chief complaint of ILI is 1.1% and 123 of all ED visits, respectively.
- Children under age 5 have the highest age-specific percent ILI (4.3%).

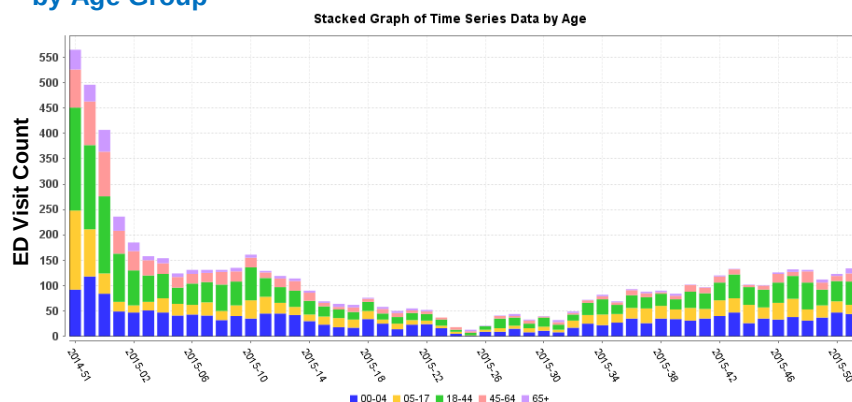
Emergency Department Visits for Influenza-Like Illness

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



Data Source: ISDH ESSENCE

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



Data Source: ISDH ESSENCE

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

Age Group (years)	Week 50 %ILI	Week 46-49 Average %ILI (Avg.)
<5	4.3%	3.2%
5-17	1.9%	2.3%
18-44	0.8%	0.9%
45-64	0.4%	0.6%
65+	0.3%	0.3%
Total	1.1%	1.1%

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 50 is 1.1% (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 50)

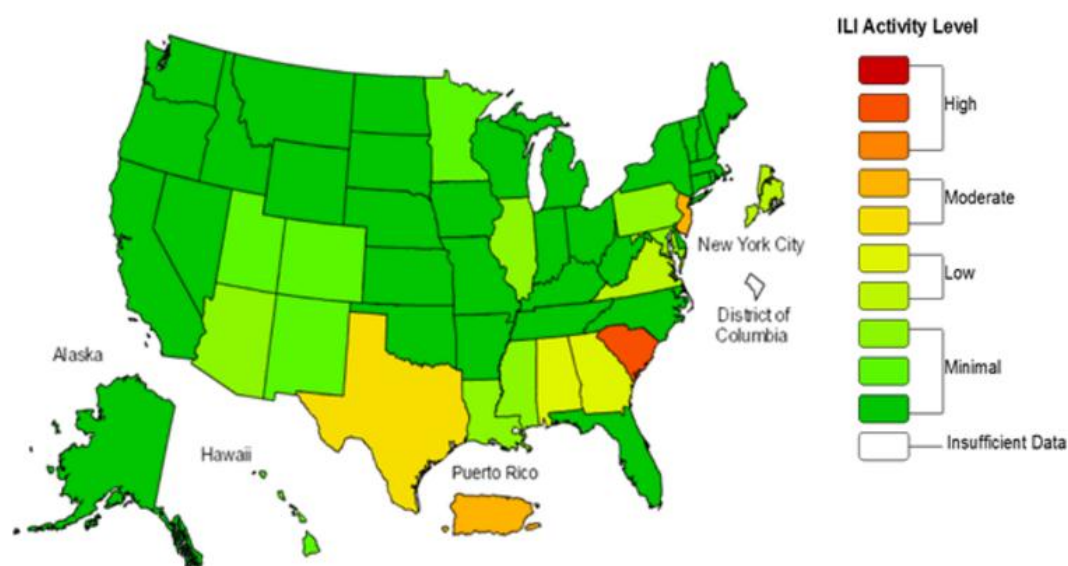
http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_50-2015-16.pdf

- Indiana is experiencing minimal and local influenza activity. For Week 50, ISDH reports 1.17% ILI at sentinel provider sites and 1.30% ILI ED visits. This is an increase in sentinel surveillance and an increase in ED surveillance compared to last week.
- No deaths have been reported in Indiana for Week 50. The total number of mortalities in Indiana this flu season is 2.
- For Week 50 and among samples tested at the state lab: 1 specimen tested positive for 2009A/H1N1pdm virus; 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 50)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 50 ending Dec 19, 2015



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- During Week 50, the majority of states are reporting minimal influenza activity. In addition, during Week 50, 2.2% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is an increase from the previous week (Week 49=1.9%) and below the national baseline (2.1%).
- CDC reports 1 confirmed influenza-related pediatric death for Week 50. The season mortality is at 4.
- A total of 155 lab specimens tested positive for Influenza at public health laboratories (23 for Influenza A [subtype breakdown- 34 for A(H1N1)pdm09, 105 for H3N2]; 16 for Influenza B) since October 15, 2015.