

Influenza Situation Report

2015-2016 Seasonal Influenza Week 52

(Dec 27 – Jan 02, 2016)

Marion County Public Health Department, IN 2015-01-08,

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

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Updates on Most Recent Local Activity: Week 1 (Jan 03 – 09)

- Influenza-like illness (ILI) incidence appears to be typical for this time of year and suggests a slight decrease from last week. The percent and count of ILI visits for the most current week (Week 1) were 1.2% and 110, respectively.

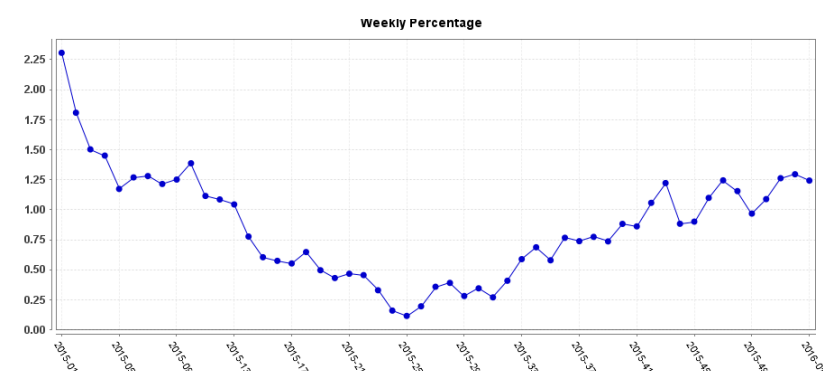
Local (Week 52)

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

- The percent and count of ED visits with a chief complaint of ILI is 1.3% and 152 of all ED visits, respectively.
- Children under age 5 have the highest age-specific percent ILI (4.5%).

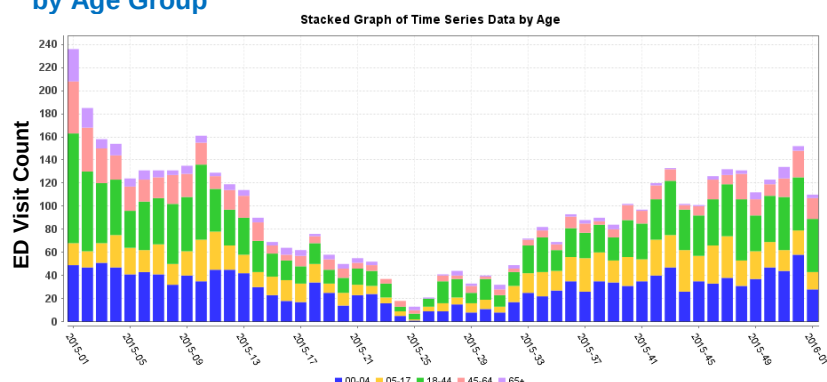
Emergency Department Visits for Influenza-Like Illness

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 52 %ILI	Week 48-51 Average %ILI (Avg.)
<5	4.5%	3.5%
5-17	2.1%	1.8%
18-44	0.9%	0.9%
45-64	0.8%	0.6%
65+	0.2%	0.4%
Total	1.3%	1.1%

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 52 is 1.3% (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 52)

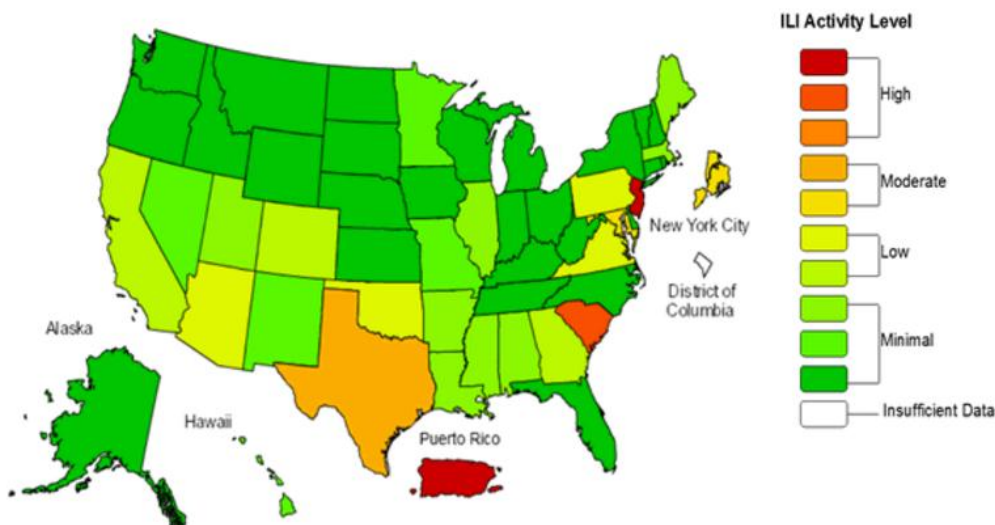
http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_52-2015-16.pdf

- Indiana is experiencing minimal and sporadic influenza activity. For Week 52, ISDH reports 1.24% ILI at sentinel provider sites and 1.65% ILI ED visits. This is a decrease in sentinel surveillance and a decrease in ED surveillance compared to last week.
- No deaths have been reported in Indiana for Week 52. The total number of mortalities in Indiana this flu season is 2.
- For Week 52 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 52)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 52 ending Jan 02, 2016



- During Week 52, the majority of states are reporting minimal influenza activity. In addition, during Week 52, 2.8% 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 an increase from the previous week (Week 51=2.6%) and above the national baseline (2.1%).

- CDC reports 2 additional influenza-related pediatric deaths for Week 52. The season mortality is at 6.
- A total of 192 lab specimens tested positive for Influenza at public health laboratories [Influenza A subtype breakdown: 49 for A(H1N1)pdm09, 119 for H3N2; 24 for Influenza B] since October 15, 2015.