

Influenza Situation Report

2015-2016 Seasonal Influenza Week 42

(Oct 18 – Oct 24, 2015)

Marion County Public Health Department, IN 2015-10-30,

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

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Updates on Most Recent Local Activity: Current Week (Week 43, Oct 25 – Oct 31)

- The percent and count of influenza-like illness (ILI) for this current and incomplete week (Week 43) is 0.9% and 74, respectively. This is not a notable increase from last week and is normal for this time of year.

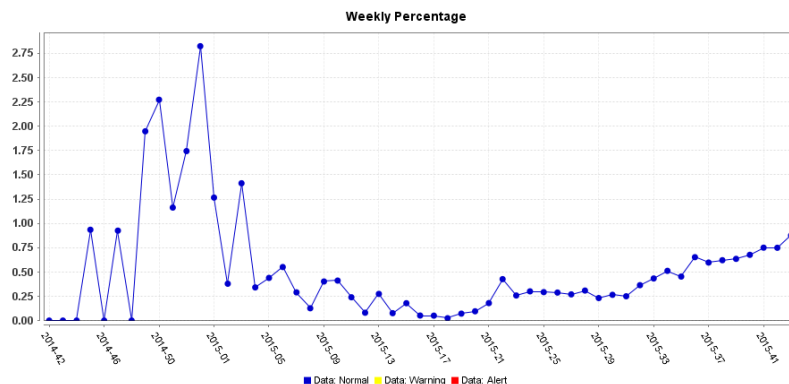
Local (Week 42)

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

- The percent and count of ED visits with a chief complaint of ILI is 0.8% and 86 of all ED visits, respectively.
- Children in the age range 0-4 have the highest age-specific percent ILI (2.8%), followed by children of age 5-17 (1.9%).

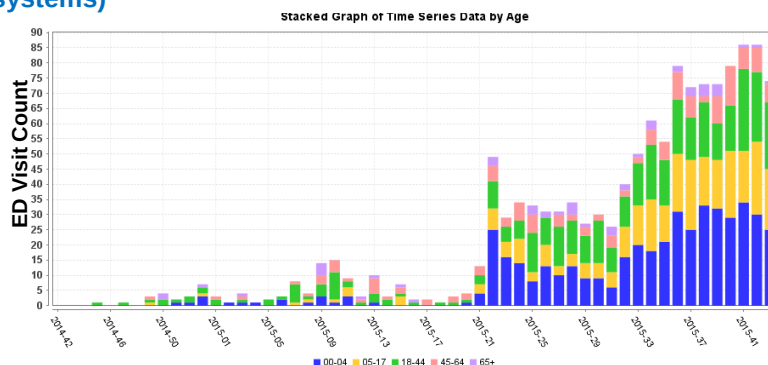
Emergency Department Visits for Influenza-Like Illness

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



Data Source: ISDH Public Health Surveillance System, 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: ISDH Public Health Surveillance System, MCPHD Epidemiology

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

Age Group (years)	Week 42 %ILI	Week 38-41 Average %ILI (Avg.)
<5	2.8%	3.0%
5-17	1.9%	1.4%
18-44	0.5%	0.4%
45-64	0.3%	0.3%
65+	0.1%	0.1%
Total	0.7%	0.6%

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 42 is 0.7% (a decrease from 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 42)

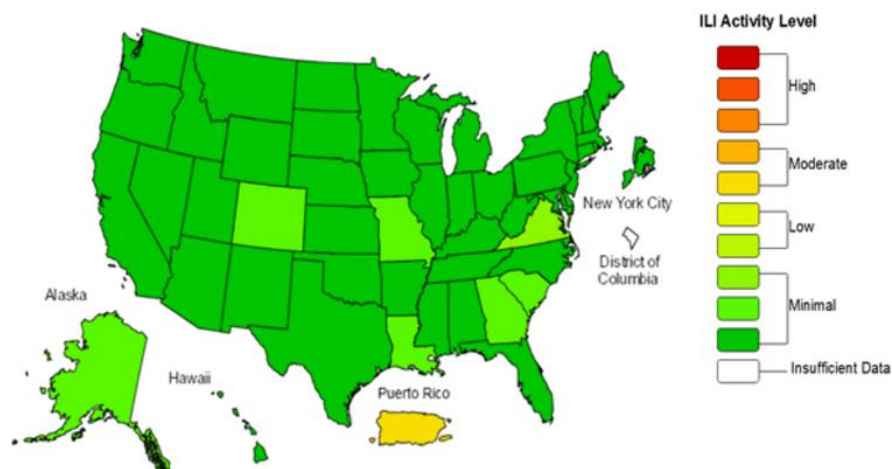
http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_42-2015-16.pdf

- Indiana is experiencing minimal and sporadic influenza activity. For Week 42, ISDH reports 1.01% ILI at sentinel provider sites and 1.19% ILI ED visits. This is an increase in sentinel surveillance and an increase in ED surveillance compared to last week.
- One death has been reported in Indiana for Week 42. The total number of mortalities in Indiana this flu season is 1.
- For Week 42 and among samples tested at the state lab, 0 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza B seasonal virus.

National (Week 42)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 42 ending Oct 24, 2015



- During Week 42, the majority of states are reporting sporadic and minimal influenza activity. In addition, during Week 42, 1.3% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is a decrease from

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the previous week (Week 41=1.4%) and below the national baseline (2.1%).

- CDC reports 0 confirmed influenza-related pediatric deaths for Week 42. The season mortality remains at 0.
- No virus characterization data is currently available for specimens collected after October 1, 2015."

First Indiana Flu Death Reported

<http://indianapublicmedia.org/news/state-reports-flu-death-season-89000/>

- The first influenza-associated death in Indiana for the 2015-2016 flu season was reported this week.
- Hoosiers are reminded to get their flu vaccine to be protected from the virus.