

Influenza Situation Report

2015-2016 Seasonal Influenza Week 43

(Oct 25 – Oct 31, 2015)

Marion County Public Health Department, IN 2015-11-06,

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Updates on Most Recent Local Activity: Current Week (Week 44, Nov 01 – Nov 07)

- The percent and count of influenza-like illness (ILI) for this current and incomplete week (Week 44) is 0.6% and 53, 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 do not suggest a significant increase from last week.

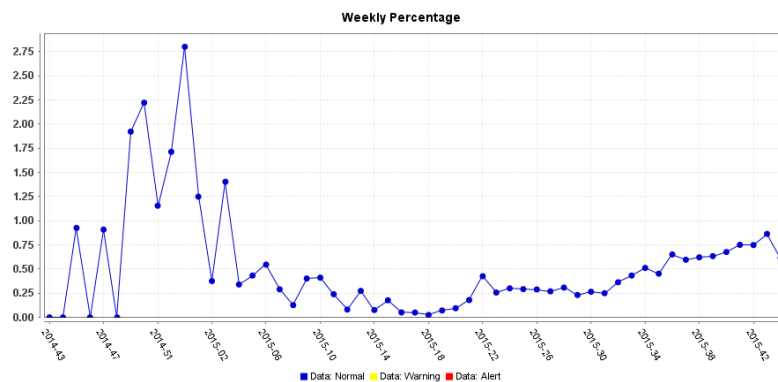
Local (Week 43)

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 95 of all ED visits, respectively.
- Children in the age range 0-4 have the highest age-specific percent ILI (3.5%), followed by children of age 5-17 (2.0%).

Emergency Department Visits for Influenza-Like Illness

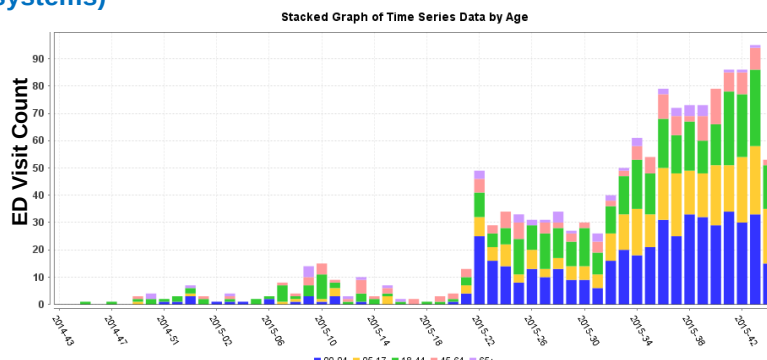
Figure 1. Percent Influenza-like Illness of all Marion County Hospital ED Visits, Current Year



Data Source: ISDH Public Health Surveillance System, MCPHD Epidemiology

Age Group (years)	Week 43 %ILI	Week 39-42 Average %ILI (Avg.)
<5	3.5%	2.9%
5-17	2.0%	1.6%
18-44	0.6%	0.4%
45-64	0.3%	0.3%
65+	0.1%	0.1%
Total	0.9%	0.7%

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

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 43 is 0.9% (an increase 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.

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

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Indiana (Week 43)

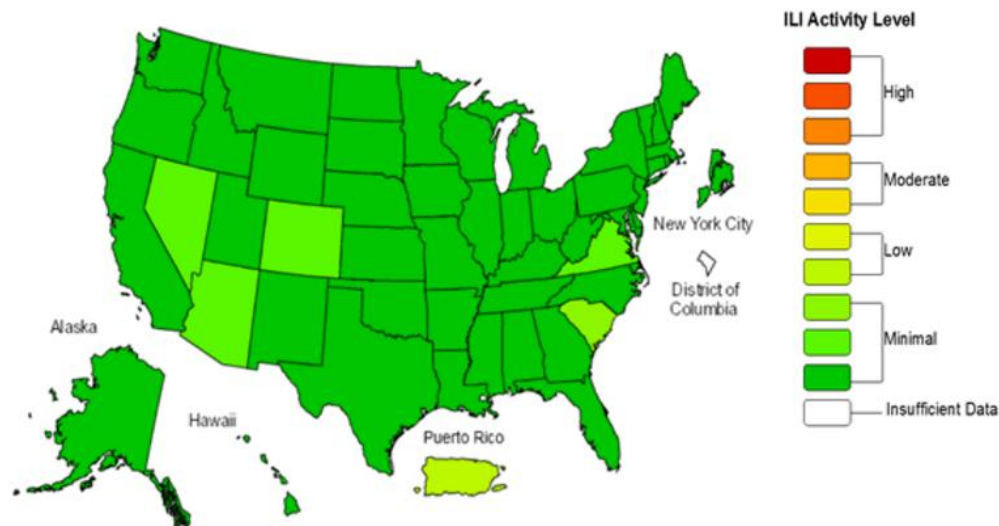
http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_43-2015-16.pdf

- Indiana is experiencing minimal influenza activity. For Week 43, ISDH reports 1.20% ILI at sentinel provider sites and 1.22% 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 43. The total number of mortalities in Indiana this flu season is 1.
- For Week 43 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 43)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 43 ending Oct 31, 2015



- During Week 43, the majority of states are reporting minimal influenza activity. In addition, during Week 43, 1.4% of patient 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 42=1.3%) and below the national baseline (2.1%).

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- CDC reports 0 confirmed influenza-related pediatric deaths for Week 43. The season mortality remains at 0.
- "Three specimens (1 influenza A (H1N1)pdm09, 1 influenza A (H3) and 1 influenza B/Yamagata-lineage) collected since October 1, 2015 have been antigenically characterized. All three were similar to the 2015-2016 Northern Hemisphere influenza vaccine components."