

Influenza Situation Report

2015-2016 Seasonal Influenza Week 44

(Nov 01 – Nov 07, 2015)

Marion County Public Health Department, IN 2015-11-13,

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

To subscribe to this report, email your name and email address to sjacobs@hhcorp.org, with the subject "Add to Weekly Flu Report distribution list".

Updates on Most Recent Local Activity: Current Week (Week 45, Nov 08 – Nov 14)

- The percent and count of influenza-like illness (ILI) for this current and incomplete week (Week 45) is 0.6% and 47, 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 slight decrease from last week.

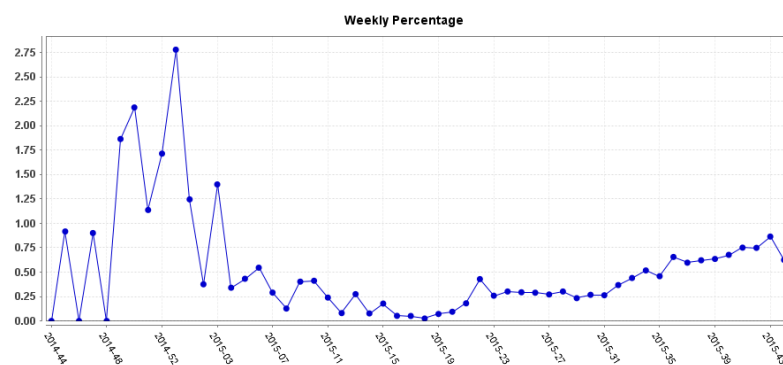
Local (Week 44)

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

- The percent and count of ED visits with a chief complaint of ILI is 0.6% and 73 of all ED visits, respectively.
- Children under age 17 have the highest age-specific percent ILI (1.9%).

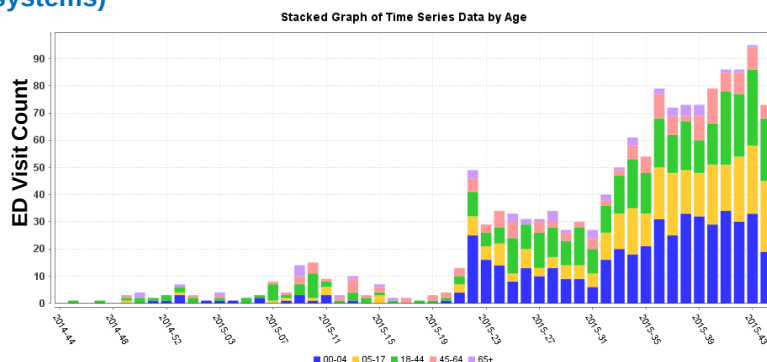
Emergency Department Visits for Influenza-Like Illness

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 44 %ILI	Week 40-43 Average %ILI (Avg.)
<5	1.9%	3.0%
5-17	1.9%	1.8%
18-44	0.5%	0.5%
45-64	0.2%	0.3%
65+	0.0%	0.0%
Total	0.6%	0.8%

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 44 is 0.6% (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.

Influenza Situation Report

2015-2016 Seasonal Influenza Week 44

(Nov 01 – Nov 07, 2015)

Marion County Public Health Department, IN 2015-11-13,

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

To subscribe to this report, email your name and email address to sjacobs@hhcorp.org, with the subject "Add to Weekly Flu Report distribution list".

Indiana (Week 44)

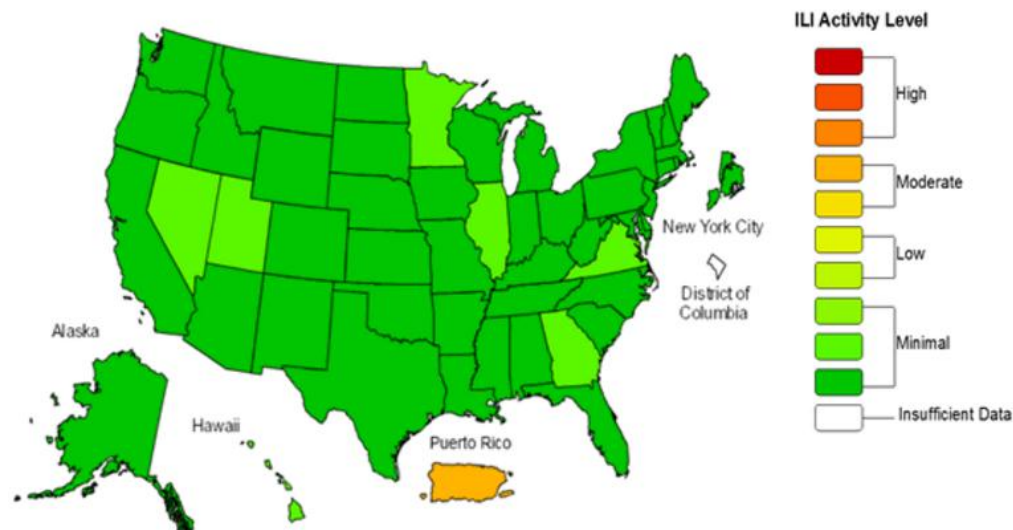
http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_44-2015-16.pdf

- Indiana is experiencing minimal influenza activity. For Week 44, ISDH reports 1.03% ILI at sentinel provider sites and 1.10% 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 44. The total number of mortalities in Indiana this flu season is 1.
- For Week 44 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 44)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 44 ending Nov 07, 2015



- During Week 44, the majority of states are reporting minimal influenza activity. In addition, during Week 44, 1.4% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is the same as the previous week (Week 43=1.4%) and below the national baseline (2.1%).

Influenza Situation Report

2015-2016 Seasonal Influenza Week 44

(Nov 01 – Nov 07, 2015)

Marion County Public Health Department, IN 2015-11-13,

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

To subscribe to this report, email your name and email address to sjacobs@hhcorp.org, with the subject "Add to Weekly Flu Report distribution list".

- CDC reports 0 confirmed influenza-related pediatric deaths for Week 44. The season mortality remains at 0.
- "The eight influenza A (H3N2) viruses collected since October 1, 2015 have been genetically sequenced and all viruses belonged to genetic groups for which a majority of viruses antigenically characterized were similar to A/Switzerland/9715293/2013, the influenza A (H3N2) component of the 2015-2016 Northern Hemisphere vaccine. Six viruses (one A (H1N1)pdm09, four A (H3N2), and one B/Yamagata-lineage) collected since October 1, 2015 have been antigenically characterized. All six were similar to the 2015-2016 Northern Hemisphere influenza vaccine components."