

Influenza Situation Report

2016-2017 Seasonal Influenza Week 10

(Mar 05 2017 – Mar 11 2017)

Marion County Public Health Department, IN 2017-03-17

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

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Updates on Most Recent Local Activity: Week 11 (Mar 12 – Mar 18)

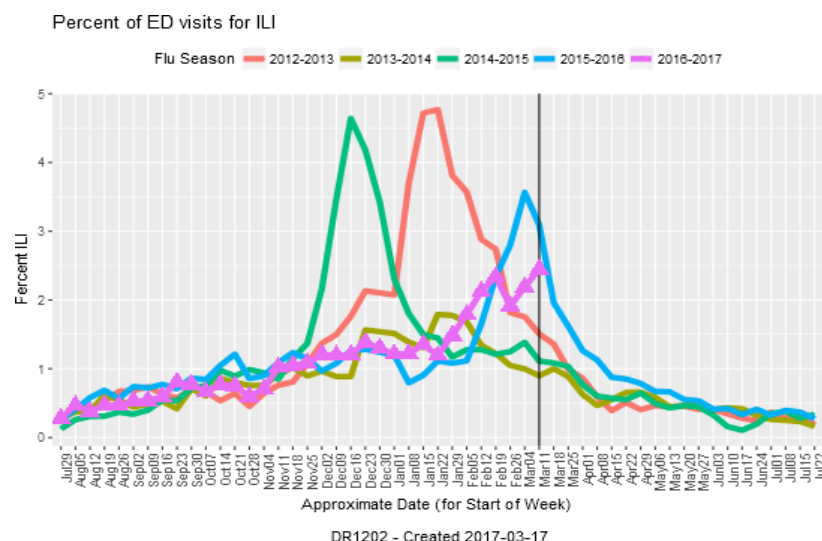
- The percent and count of ILI visits for this week (Week 11) are 2.44% and 232, respectively. These numbers imply that ILI has increased this week. The percent of ILI visits for this week is approximately the same as during this time last year.

Local (Week 10)

- The percent and count of ED visits with a chief complaint of ILI was 2.2% and 260 of all ED visits, respectively.
- Children of age less than 5 have the highest age-specific percent ILI (4.8%).

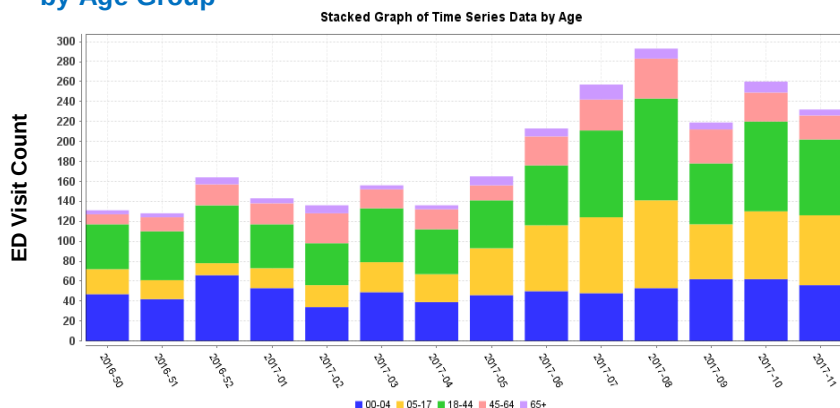
Emergency Department Visits for Influenza-Like Illness

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 10 %ILI	Week 6-9 Average %ILI (Avg.)
<5	4.8	4.1
5-17	4.3	4.5
18-44	1.9	1.7
45-64	1.1	1.2
65+	0.7	0.6
Total	2.2	2.0

The overall percent ILI for Week 10 is 2.2% (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 09)

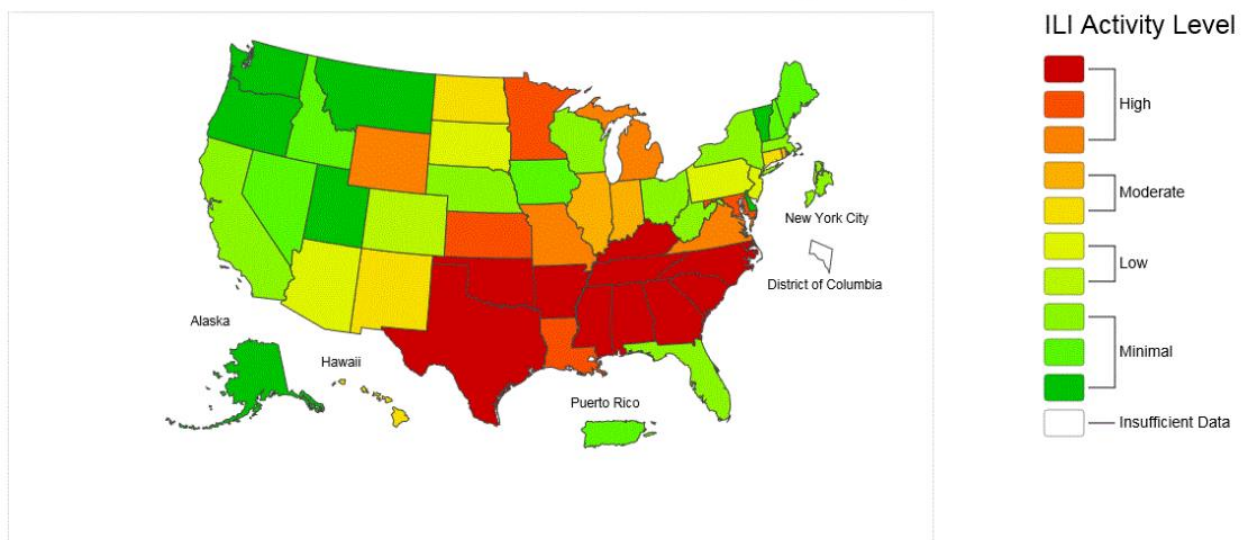
<http://www.in.gov/isdh/files/weekly%20flu%20report-week%2010-2016-2017.pdf>

- Indiana is experiencing moderate and widespread influenza activity. For Week 10, ISDH reports 3.99% ILI at sentinel provider sites and 2.25% ILI ED visits. This is an increase in sentinel surveillance and a decrease in ED surveillance compared to last week.
- The total number of mortalities in Indiana this flu season is 39.
- For Week 10 and among samples tested at the state lab: 1 specimen tested positive for 2009 A/H1N1pdm virus; 29 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza A/H1 seasonal virus; 20 specimens tested positive for Influenza B seasonal virus.

National (Week 10)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2016-17 Influenza Season Week 10 ending Mar 11, 2017



- During Week 10, the majority of states are reporting moderate influenza activity. In addition, during Week 10, 3.7% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is a small increase compared to the previous week (Week 9=3.6%) and above the national baseline (2.2%).
- Five additional influenza-associated pediatric deaths were reported to CDC. There have been 53 influenza-associated pediatric deaths reported during the 2016-2017 season.
- The most frequently identified influenza virus type reported by public health laboratories during Week 10 was Influenza A (H3). The percentage of

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respiratory specimens testing positive for Influenza in clinical laboratories decreased. The number of specimens testing positive by virus type: Influenza A 3,037 (61.1%) and Influenza B 1,930 (38.9%).

Flu Deaths in Marion County

There have thus far been at least 7 flu deaths in Marion County.