

Influenza Situation Report

2016-2017 Seasonal Influenza Week 11

(Mar 12 2017 – Mar 18 2017)

Marion County Public Health Department, IN 2017-03-24

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

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Updates on Most Recent Local Activity: Week 12 (Mar 19 – Mar 25)

- The percent and count of ILI visits for this week (Week 12) are 2.27% and 219, respectively. These numbers imply that ILI has decreased this week. The percent of ILI visits for this week is slightly higher than this time last year.

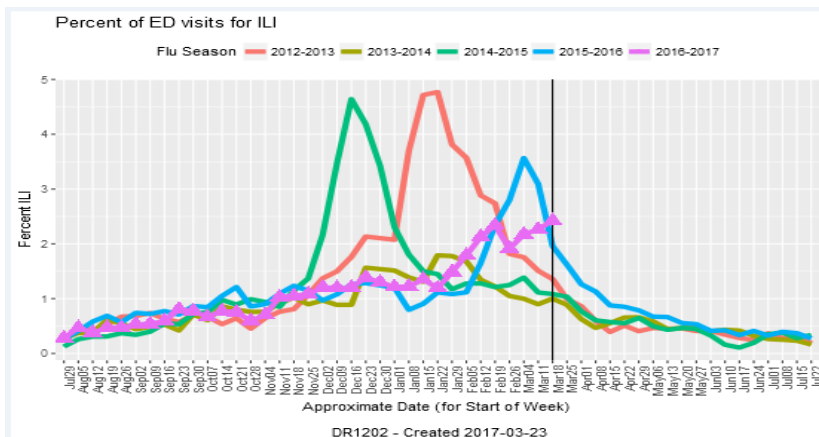
Local (Week 11)

- The percent and count of ED visits with a chief complaint of ILI was 2.31% and 276 of all ED visits, respectively.
- Children of age 5-17 have the highest age-specific percent ILI (5.1%).

Emergency Department Visits for Influenza-Like Illness

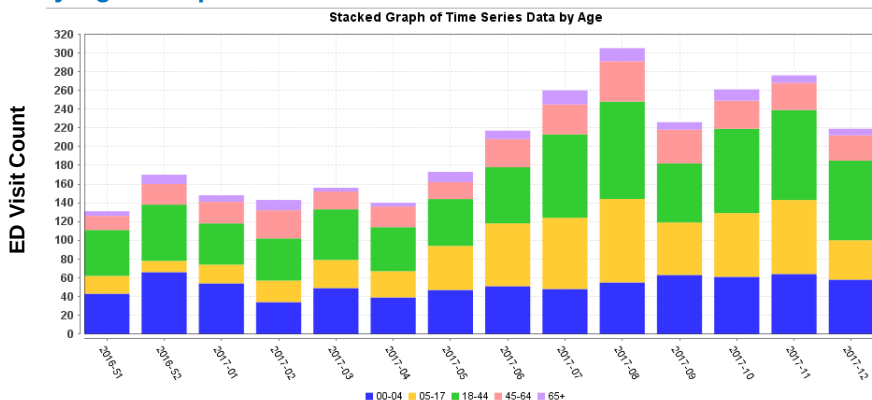
Figure 1. Percent Influenza-like Illness of all Marion County Hospital ED Visits, Current Year

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



Data Source: ISDH ESSENCE

Figure 2. Weekly count of ILI ED Visits for Marion County Hospitals, by Age Group



Data Source: ISDH ESSENCE

Age Group (years)	Week 11 %ILI	Week 7-10 Average %ILI (Avg.)
<5	4.7	4.5
5-17	5.1	4.5
18-44	2.0	1.9
45-64	1.1	1.3
65+	0.5	0.6
Total	2.3	2.2

The overall percent ILI for Week 11 is 2.3% (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 10)

As of 3:30pm, ISDH has not published a week 11 report below is information from week 10.

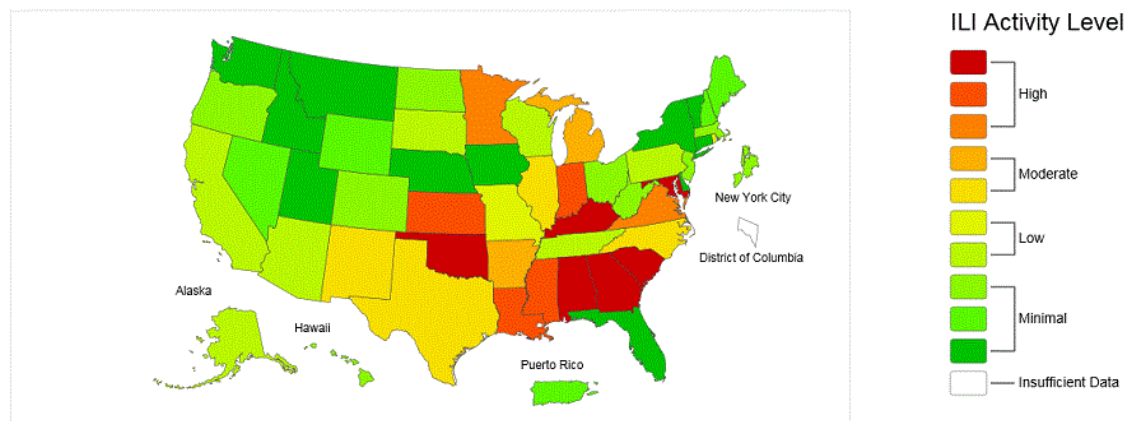
<http://www.in.gov/isdh/files/weekly%20flu%20report-week%2010-2016-2017.pdf>

- 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 11)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2016-17 Influenza Season Week 11 ending Mar 18, 2017



- During Week 11, the majority of states are reporting minimal influenza activity. In addition, during Week 11, 3.2% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is a decrease compared to the previous week (Week 10=3.7%) and above the national baseline (2.2%).
- Two additional influenza-associated pediatric deaths were reported to CDC. There have been 55 influenza-associated pediatric deaths reported during the 2016-2017 season.
- The most frequently identified influenza virus type reported by public health laboratories during Week 11 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 2,343 (53.1%) and Influenza B 2,073 (46.9%).

Flu Deaths in Marion County

There have thus far been at least 9 flu deaths in Marion County.