

Influenza Situation Report

2016-2017 Seasonal Influenza Week 13

(Mar 26 2017 – Apr 1 2017)

Marion County Public Health Department, IN 2017-04-07

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

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Updates on Most Recent Local Activity: Week 14 (Apr 2 – Apr 7)

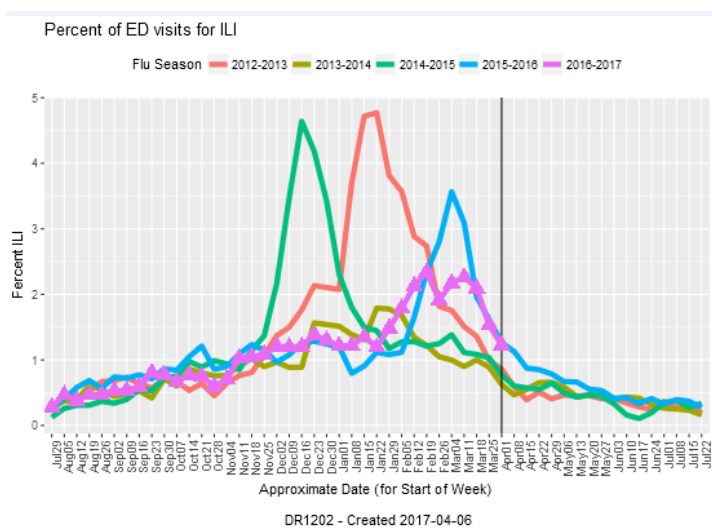
- The percent and count of ILI visits for this incomplete week (Week 14) are 1.18% and 109, respectively. These numbers imply that ILI has decreased this week. The percent of ILI visits for this week is the same as it was during this time last year, which is at a medium-level.

Local (Week 13)

- The percent and count of ED visits with a chief complaint of ILI was 1.56% and 185 of all ED visits, respectively.
- Children of age 0-4 have the highest age-specific percent ILI (3.7%).

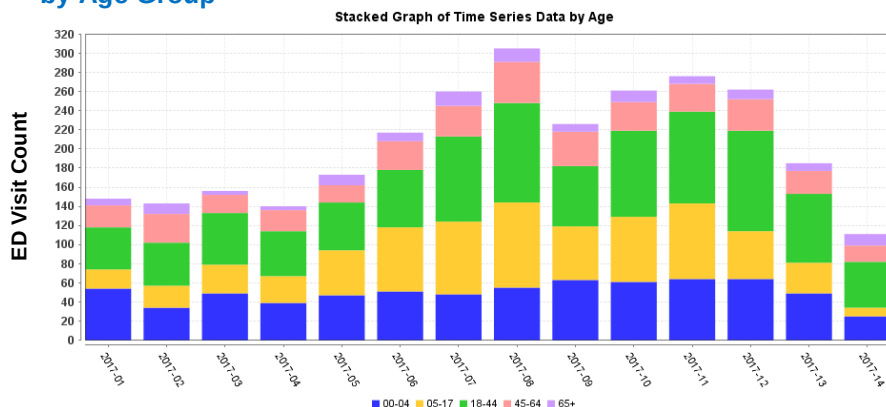
Emergency Department Visits for Influenza-Like Illness

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 13 %ILI	Week 9-12 Average %ILI (Avg.)
<5	3.7	4.6
5-17	2.9	4.0
18-44	1.5	1.8
45-64	0.9	1.1
65+	0.5	0.5
Total	1.6	2.0

The overall percent ILI for Week 13 is 1.6% (lower 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 13)

As of 3:00pm, ISDH has not published a week 13 report below is information from week 12.

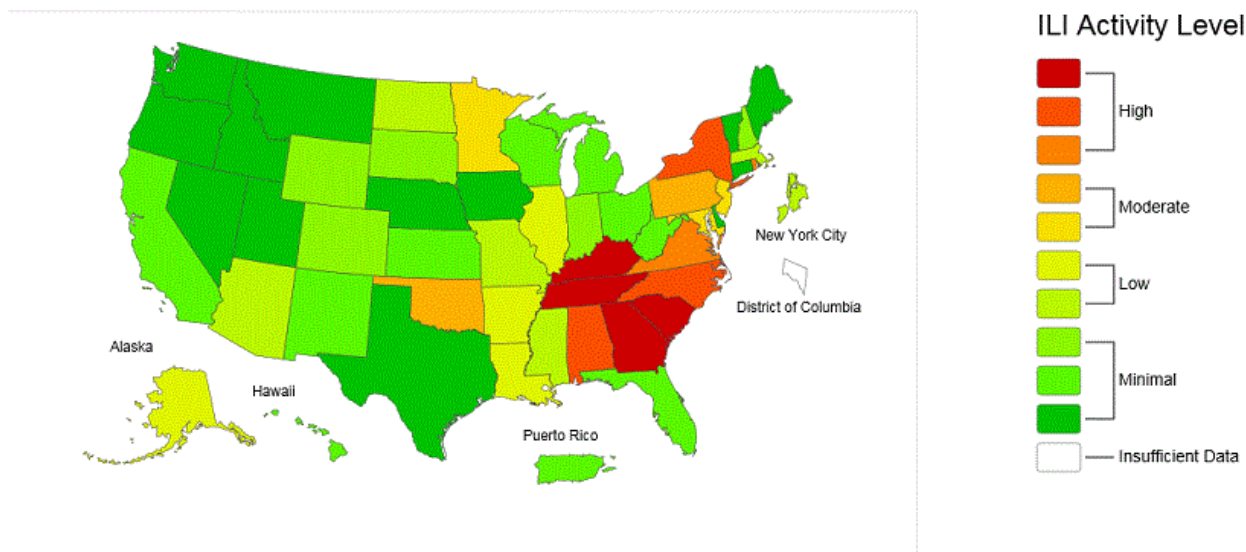
<http://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2012-2016-2017.pdf>

- Indiana is experiencing moderate and widespread influenza activity. For Week 12, ISDH reports 3.44% ILI at sentinel provider sites and 2.23% ILI ED visits. This is a decrease in sentinel surveillance and in ED surveillance compared to last week.
- The total number of mortalities in Indiana this flu season is 63.
- For Week 12 and among samples tested at the state lab: 0 specimens tested positive for 2009 A/H1N1pdm virus; 22 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza A/H1 seasonal virus; 24 specimens tested positive for Influenza B seasonal virus.

National (Week 13)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2016-17 Influenza Season Week 13 ending Apr 01, 2017



- During Week 13, the majority of states are reporting minimal influenza activity. In addition, during Week 13, 2.9% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is lower than the previous week (Week 12=3.2%) and above the national baseline (2.2%).

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- Seven additional influenza-associated pediatric deaths were reported to CDC. There have been 68 influenza-associated pediatric deaths reported during the 2016-2017 season.
- The most frequently identified influenza virus type reported by public health laboratories during Week 13 was Influenza B. The percentage of respiratory specimens testing positive for Influenza in clinical laboratories decreased for Influenza A and increased for Influenza B. The number of specimens testing positive by virus type: Influenza A 1,596 (39.1%) and Influenza B 2,490 (60.9%).

Flu Deaths in Marion County

There have been at least 13 flu deaths in Marion County this flu season.