

# Influenza Situation Report

## 2016-2017 Seasonal Influenza Week 9

### (Feb 26 2017 – Mar 04 2017)

Marion County Public Health Department, IN 2017-03-10

Please send comments or suggestions about content to [epidemiology@hhcorp.org](mailto:epidemiology@hhcorp.org).

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#### Updates on Most Recent Local Activity: Week 10 (Mar 05 – Mar 11)

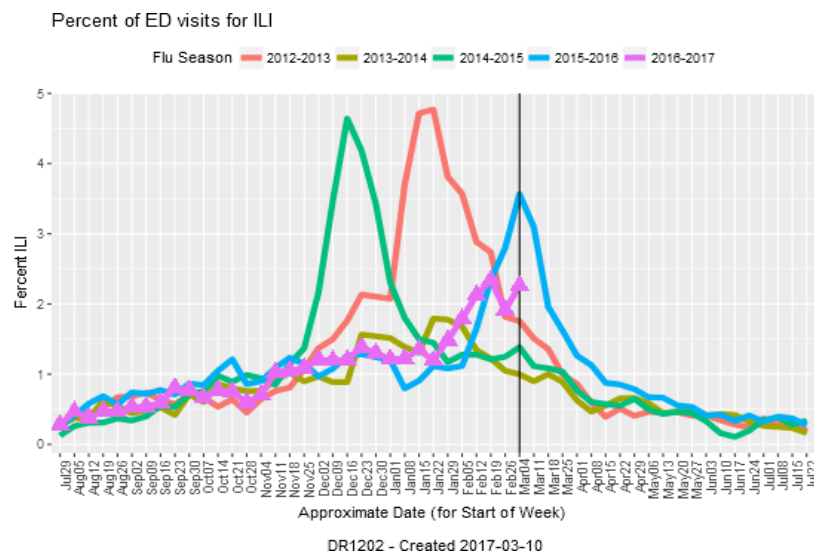
- The percent and count of ILI visits for this week (Week 10) are 2.26% and 213, respectively. These numbers imply that ILI has increased this week. The percent of ILI visits for this week is at a high level but remains significantly below the peak percent ILI for last flu season which was 3.5%.

#### Local (Week 09)

- The percent and count of ED visits with a chief complaint of ILI was 1.91% and 219 of all ED visits, respectively.
- Children of age less than 5 have the highest age-specific percent ILI (5.1%).

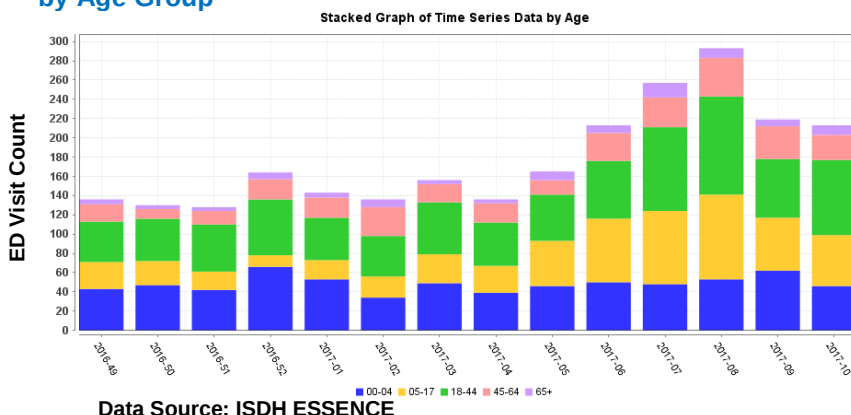
#### Emergency Department Visits for Influenza-Like Illness

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



Data Source: ISDH ESSENCE

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



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

| Age Group (years) | Week 9 %ILI | Week 5-8 Average %ILI (Avg.) |
|-------------------|-------------|------------------------------|
| <5                | 5.1         | 3.8                          |
| 5-17              | 3.9         | 4.4                          |
| 18-44             | 1.3         | 1.6                          |
| 45-64             | 1.3         | 1.1                          |
| 65+               | 0.4         | 0.6                          |
| <b>Total</b>      | <b>1.9</b>  | <b>1.9</b>                   |

The overall percent ILI for Week 9 is 1.9% (slightly 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 09)

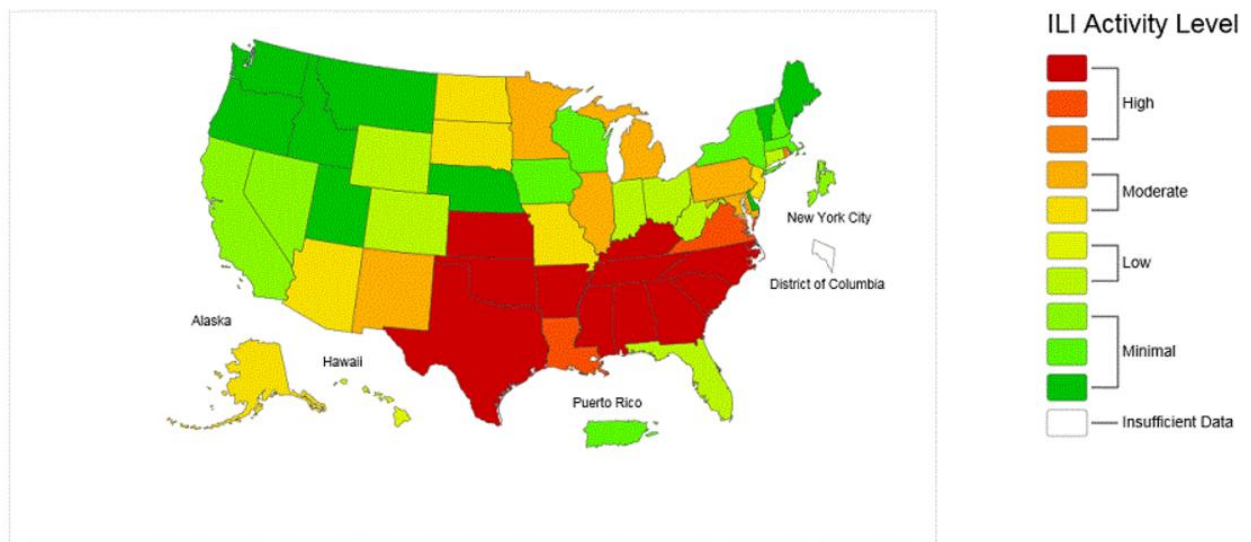
<http://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%209-2016-2017.pdf>

- Indiana is experiencing low and widespread influenza activity. For Week 9, ISDH reports 3.19% ILI at sentinel provider sites and 2.27% ILI ED visits. This is a decrease in sentinel surveillance and ED surveillance compared to last week.
- The total number of mortalities in Indiana this flu season is 31.
- For Week 9 and among samples tested at the state lab: 1 specimen tested positive for 2009 A/H1N1pdm virus; 28 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza A/H1 seasonal virus; 7 specimens tested positive for Influenza B seasonal virus.

#### National (Week 09)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet  
2016-17 Influenza Season Week 9 ending Mar 04, 2017



- During Week 9, the majority of states are reporting high influenza activity. In addition, during Week 9, 3.6% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is a large decrease compared to the previous week (Week 8=4.8%) and above the national baseline (2.2%).
- Eight additional influenza-associated pediatric deaths were reported to CDC. There have been 48 influenza-associated pediatric deaths reported during the 2016-2017 season.
- The most frequently identified influenza virus type reported by public health laboratories during Week 9 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 3,599 (68.6%) and Influenza B 1,646 (31.4%).

### **Flu Deaths in Marion County**

There have thus far been at least 6 flu deaths in Marion County.