

Influenza Situation Report

2016-2017 Seasonal Influenza Week 8

(Feb 19 2017 – Feb 25 2017)

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

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

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Updates on Most Recent Local Activity: Week 09 (Feb 19 – Feb 24)

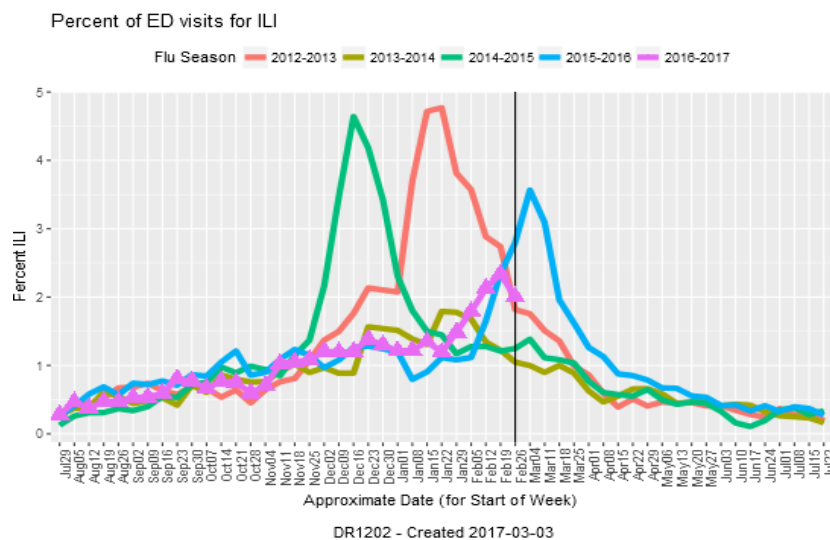
- The percent and count of ILI visits for this week (Week 9) are 2.0% and 184, respectively. These numbers imply that ILI has decreased this week. The percent of ILI visits for this week is at the medium-high threshold and it is possible we may have peaked last week.

Local (Week 08)

- The percent and count of ED visits with a chief complaint of ILI was 2.34% and 294 of all ED visits, respectively.
- Children in the age range 5-17 have the highest age-specific percent ILI (4.9%).

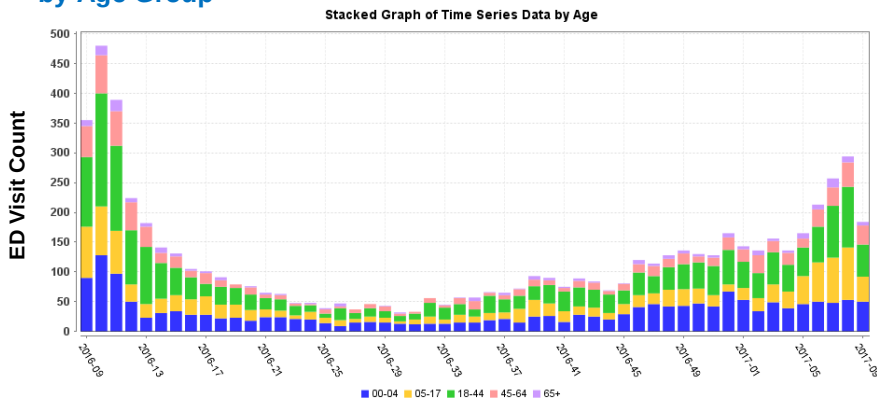
Emergency Department Visits for Influenza-Like Illness

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



Data Source: ISDH 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 8 %ILI	Week 4-7 Average %ILI (Avg.)
<5	3.8	3.8
5-17	4.9	3.7
18-44	2.2	1.3
45-64	1.4	0.9
65+	0.5	0.5
Total	2.3	1.7

The overall percent ILI for Week 8 is 2.3% (slightly 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 08)

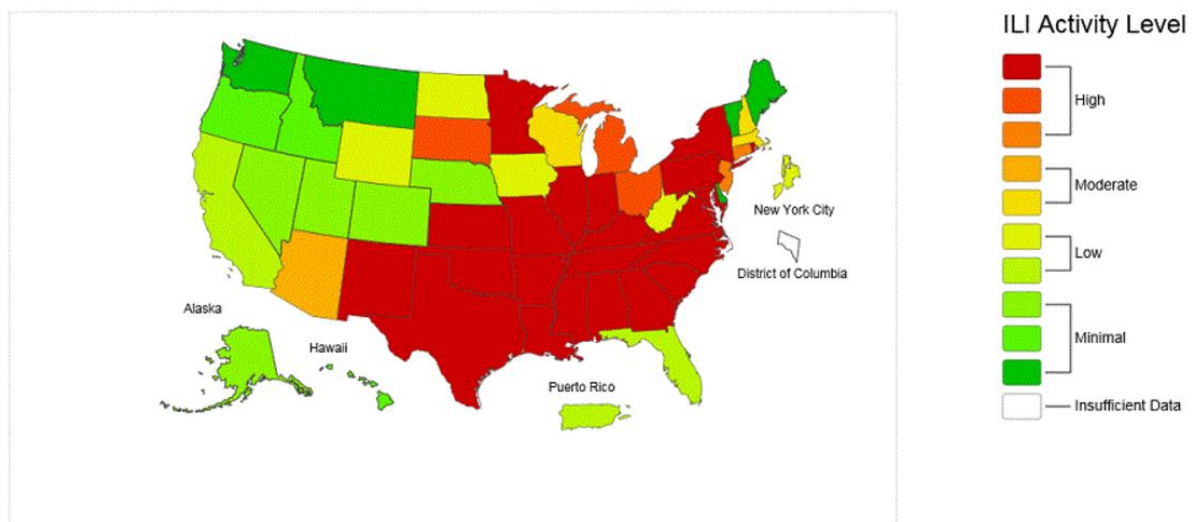
<http://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%208-2016-2017.pdf>

- Indiana is experiencing high and widespread influenza activity. For Week 8, ISDH reports 5.34% ILI at sentinel provider sites and 2.73% ILI ED visits. This is an increase in sentinel surveillance and in ED surveillance compared to last week.
- The total number of mortalities in Indiana this flu season is 27.
- For Week 8 and among samples tested at the state lab: 3 specimens tested positive for 2009 A/H1N1pdm virus; 69 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza A/H1 seasonal virus; 25 specimens tested positive for Influenza B seasonal virus.

National (Week 08)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2016-17 Influenza Season Week 8 ending Feb 25, 2017



- During Week 8, the majority of states are reporting high influenza activity. In addition, during Week 8, 4.8% of outpatient 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 7=4.8%) and above the national baseline (2.2%).
- Six additional influenza-associated pediatric deaths were reported to CDC. There have been 40 influenza-associated pediatric deaths reported during the 2016-2017 season.
- The most frequently identified influenza virus type reported by public health laboratories during Week 8 was Influenza A (H3). The percentage of

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respiratory specimens testing positive for Influenza in clinical laboratories remained elevated. The number of specimens testing positive by virus type: Influenza A 6,300 (74.0%) and Influenza B 2,215 (26.0%).

Flu Deaths in Marion County

There have thus far been at least 5 flu deaths in Marion County.