

Influenza Situation Report

2015-2016 Seasonal Influenza Week 15

(Apr 10 2016 – Apr 16 2016)

Marion County Public Health Department, IN 2016-04-22

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Updates on Most Recent Local Activity: Week 16 (Apr 10 – Apr 16)

- The number of visits for ILI continues to decline. The percent and count of ILI visits for the most current week (Week 16) are 0.92% and 86, respectively.
- Eighteen influenza-related deaths have been reported in Marion County this flu season.
- The Centers for Disease Control and Prevention recently reported preliminary overall influenza vaccine effectiveness (VE) of 59% this season.¹ Even though the vaccine is not 100% effective, those who are vaccinated will often have milder symptoms and fewer hospitalizations.²

Local (Week 15)

- The percent and count of ED visits with a chief complaint of ILI was 1.15 and 133 of all ED visits, respectively.
- Children under the age of 5 have the highest age-specific percent ILI (3.3%).

Emergency Department Visits for Influenza-Like Illness

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

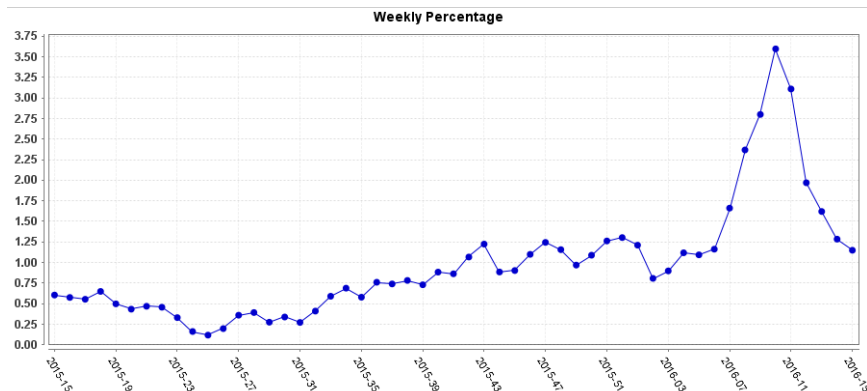
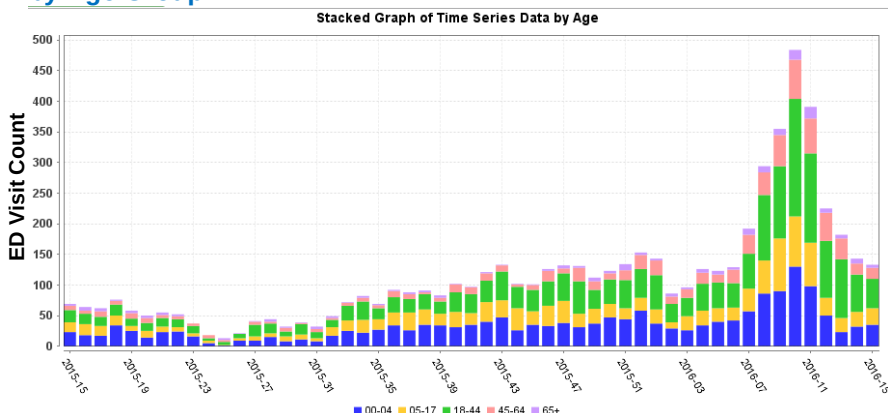


Table 1. Age group specific percent of ILI ED Visits at Marion County Hospitals, by Age Group

Age Group (years)	Week 15 %ILI	Week 11-14 Average %ILI (Avg.)
<5	3.3%	4.3%
5-17	2.0%	3.1%
18-44	1.0%	2.0%
45-64	0.7%	1.4%
65+	0.3%	0.6%
Total	1.1%	2.0%

Data Source: ISDH ESSENCE

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



Data Source: ISDH ESSENCE

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 15 is 1.1% (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 15)

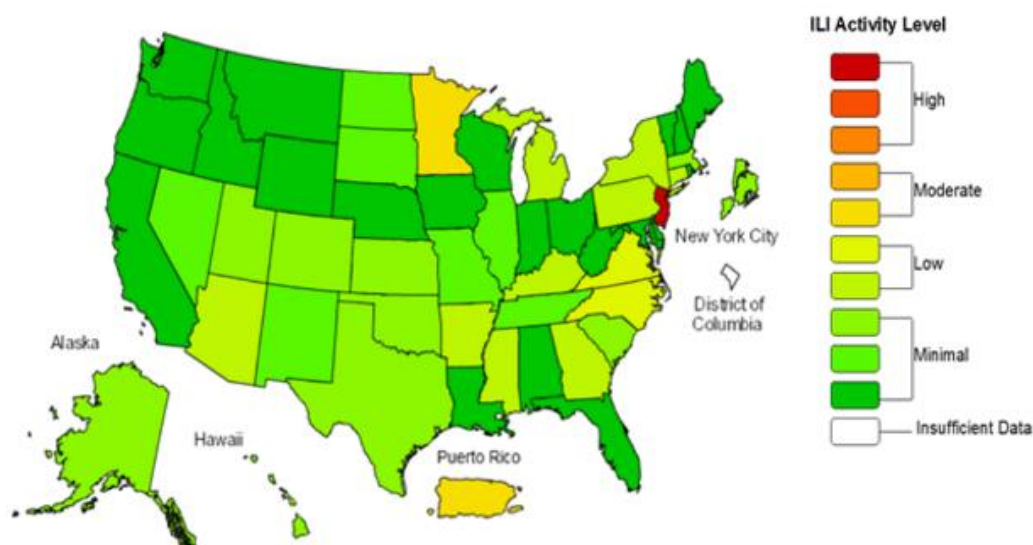
http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_15-2015-16.pdf

- Indiana is experiencing sporadic and minimal influenza activity. For Week 15, ISDH reports 1.21% ILI at sentinel provider sites and 1.14% ILI ED visits. This is a decrease in sentinel surveillance and a decrease in ED surveillance compared to last week.
- Two (2) deaths have been reported in Indiana for Week 15. The total number of mortalities in Indiana this flu season is 60.
- For Week 15 and among samples tested at the state lab: 5 specimens tested positive for 2009 A/H1N1pdm virus; 1 specimen 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; and there were no inconclusive samples.

National (Week 15)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 15 ending Apr 16, 2016



- During Week 15, the majority of states are reporting minimal and low influenza activity. In addition, during Week 15, 2.1% of outpatient visits

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reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is the same as previous week (Week 14=2.1%) and is at the national baseline (2.1%).

- Six influenza-related pediatric deaths were reported for Week 15. The season mortality is at 56.
- The most frequently identified influenza virus type reported by public health laboratories during Week 15 was influenza A, with influenza A (H1N1) viruses predominating.

Resources:

1. <http://www.cdc.gov/media/releases/2016/flu-vaccine-60-percent.html>
2. <http://www.cdc.gov/flu/about/qa/misconceptions.htm>