

Influenza Situation Report

2015-2016 Seasonal Influenza Week 12

(Mar 20 2016 – Mar 26 2016)

Marion County Public Health Department, IN 2016-04-01

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

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Updates on Most Recent Local Activity: Week 13 (Mar 27 – Apr 2)

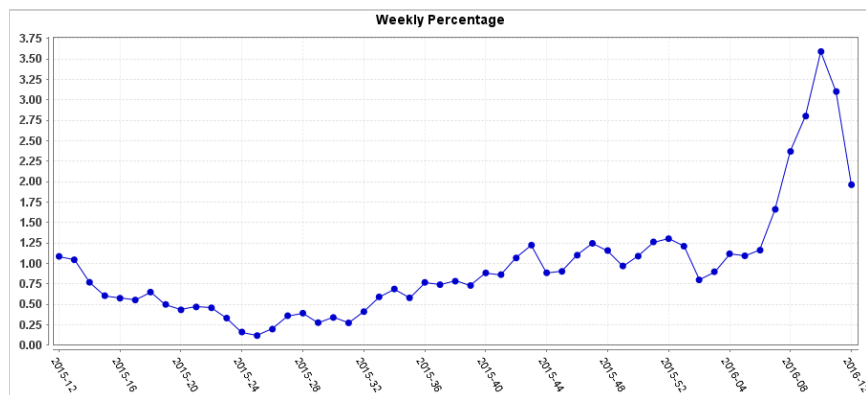
- The annual increase in flu cases appears to be ending. The percent and count of ILI visits for the most current week (Week 13) are 1.72% and 146, respectively.
- Twelve influenza-related deaths have been reported in Marion County this flu season.
- The Centers for Disease Control and Prevention recently 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 12)

- The percent and count of ED visits with a chief complaint of ILI was 1.96 and 224 of all ED visits, respectively.
- Children under the age of 5 have the highest age-specific percent ILI (4.1%).

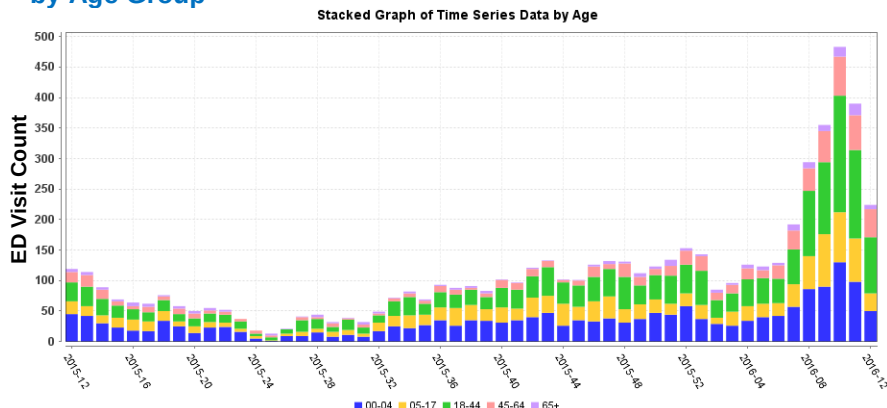
Emergency Department Visits for Influenza-Like Illness

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



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 12 %ILI	Week 8-11 Average %ILI (Avg.)
<5	4.1%	6.5%
5-17	2.6%	4.7%
18-44	1.9%	2.7%
45-64	1.7%	1.9%
65+	0.4%	0.8%
Total	2.0%	3.0%

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 12 is 2.0% (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 12)

As of 2 p.m. on April 1, 2016, ISDH has not released the flu report for Week 12.

For informational purposes and your convenience, the information below is from the flu report for the previous week (Week 11).

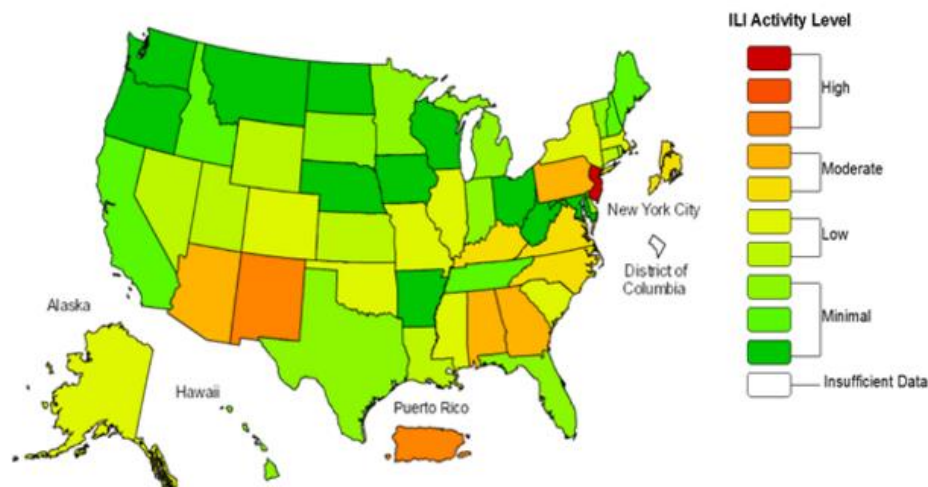
http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_11-2015-16.pdf

- Indiana is experiencing low and widespread influenza activity. For Week 11, ISDH reports 2.76% ILI at sentinel provider sites and 2.57% 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 11. The total number of mortalities in Indiana this flu season is 34.
- For Week 11 and among samples tested at the state lab: 32 specimens tested positive for 2009 A/H1N1pdm virus; 6 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza A/H1 seasonal virus; 6 specimens tested positive for Influenza B seasonal virus; and there were no inconclusive samples.

National (Week 12)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 12 ending Mar 26, 2016



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- During Week 12, the majority of states are reporting minimal and low influenza activity. In addition, during Week 12, 2.9% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is a decrease from previous week (Week 11=3.2%) and is above the national baseline (2.1%).
- Three influenza-related pediatric deaths were reported for Week 12. The season mortality is at 33.
- The most frequently identified influenza virus type reported by public health laboratories during Week 12 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>