

Influenza Situation Report

2015-2016 Seasonal Influenza Week 10

(Mar 6 2016 – Mar 12 2016)

Marion County Public Health Department, IN 2016-03-19

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

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Updates on Most Recent Local Activity: Week 11 (Mar 13 – Mar 19)

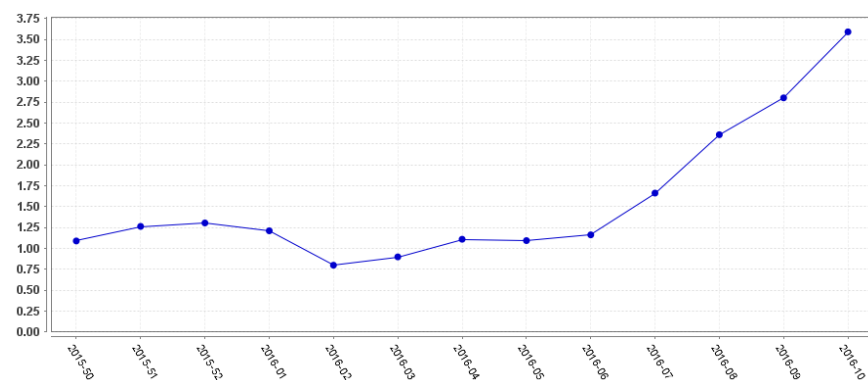
- Influenza-like illness (ILI) incidence appears to be high for this time of year and suggests a slight decrease from last week. The percent and count of ILI visits for the most current week (Week 11) are 3.28% and 321, respectively.
- Five influenza-related deaths have been reported in Marion County 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 10)

- The percent and count of ED visits with a chief complaint of ILI was 3.59 and 483 of all ED visits, respectively.
- Children under the age of 5 have the highest age-specific percent ILI (7.5%).

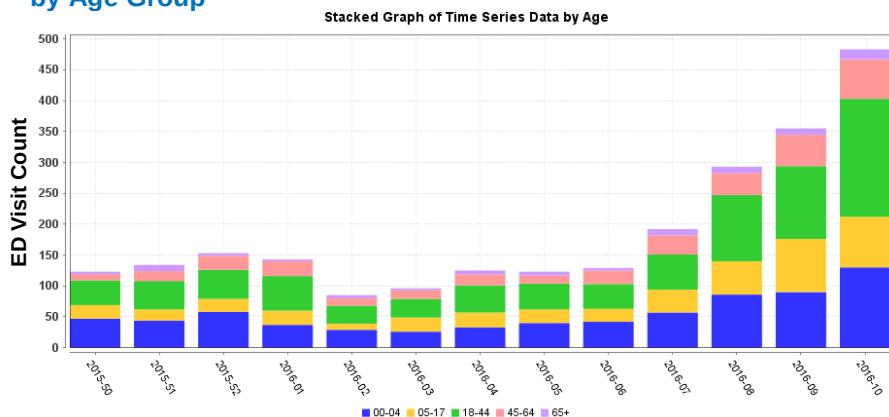
Emergency Department Visits for Influenza-Like Illness

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 10 %ILI	Week 6-9 Average %ILI (Avg.)
<5	7.5%	4.9%
5-17	4.9%	3.6%
18-44	3.5%	1.6%
45-64	2.1%	1.3%
65+	1.0%	0.5%
Total	3.6%	2.0%

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 10 is 3.6% (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 9)

As of 2 p.m. on March 18, 2016, ISDH has not released the flu report for Week 10. For informational purposes and your convenience, the information below is from the flu report for the previous week (Week 9).

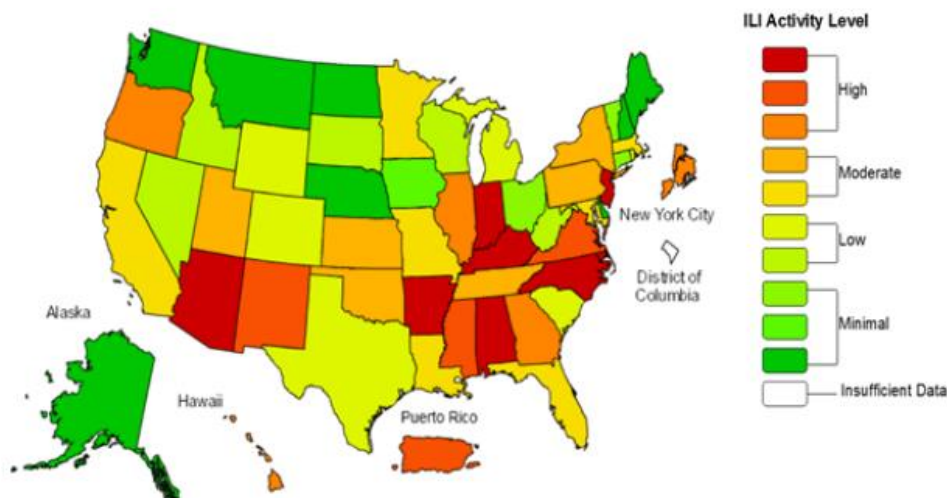
http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_9-2015-16.pdf

- Indiana is experiencing moderate and widespread influenza activity. For Week 9, ISDH reports 3.59% ILI at sentinel provider sites and 2.84% ILI ED visits. This is an increase in sentinel surveillance and an increase in ED surveillance compared to last week.
- Three (3) deaths have been reported in Indiana for Week 9. The total number of mortalities in Indiana this flu season is 20.
- For Week 9 and among samples tested at the state lab: 37 specimens tested positive for 2009 A/H1N1pdm virus; 5 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza A/H1 seasonal virus; 11 specimens tested positive for Influenza B seasonal virus; and 1 sample was inconclusive.

National (Week 9)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 10 ending Mar 12, 2016



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- During Week 10, 12 states experienced minimal ILI activity, 11 states experienced low ILI activity, 13 states experienced moderate ILI activity, and 14 states, New York City, and Puerto Rico experienced high ILI activity. In addition, during Week 10, 3.7% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is an increase from previous week (Week 9=3.5%) and is above the national baseline (2.1%).
- Eight influenza-related pediatric deaths were reported for Week 10. The season mortality is at 28.
- The most frequently identified influenza virus type reported by public health laboratories during Week 10 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>

