

Influenza Situation Report

2015-2016 Seasonal Influenza Week 9

(Feb 28 2016 – Mar 5 2016)

Marion County Public Health Department, IN 2016-03-11

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Updates on Most Recent Local Activity: Week 10 (Mar 6 – Mar 12)

- Influenza-like illness (ILI) incidence appears to be high for this time of year and suggests a slight increase from last week. The percent and count of ILI visits for the most current week (Week 10) are 3.57% and 381, 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 9)

- The percent and count of ED visits with a chief complaint of ILI was 2.79 and 354 of all ED visits, respectively.
- Children under the age of 5 have the highest age-specific percent ILI (5.6%).

Emergency Department Visits for Influenza-Like Illness

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

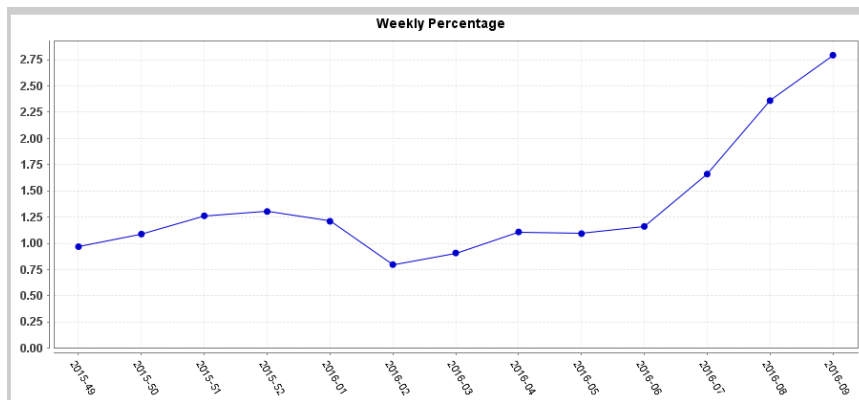


Table 1. Age group specific percent of ILI ED Visits at Marion County Hospitals, by Age Group

Age Group (years)	Week 9 %ILI	Week 5-8 Average %ILI (Avg.)
<5	5.6%	4.3%
5-17	5.3%	2.6%
18-44	2.3%	1.3%
45-64	1.9%	1.0%
65+	0.6%	0.5%
Total	2.8%	1.6%

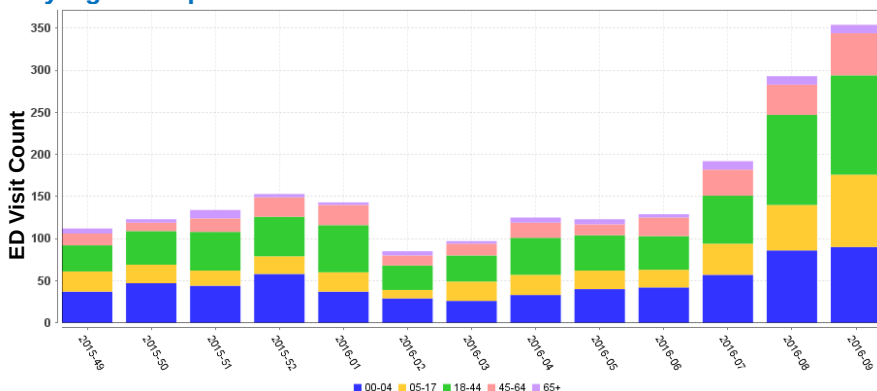
Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 9 is 2.79% (higher than last week).

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.



Data Source: ISDH ESSENCE

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



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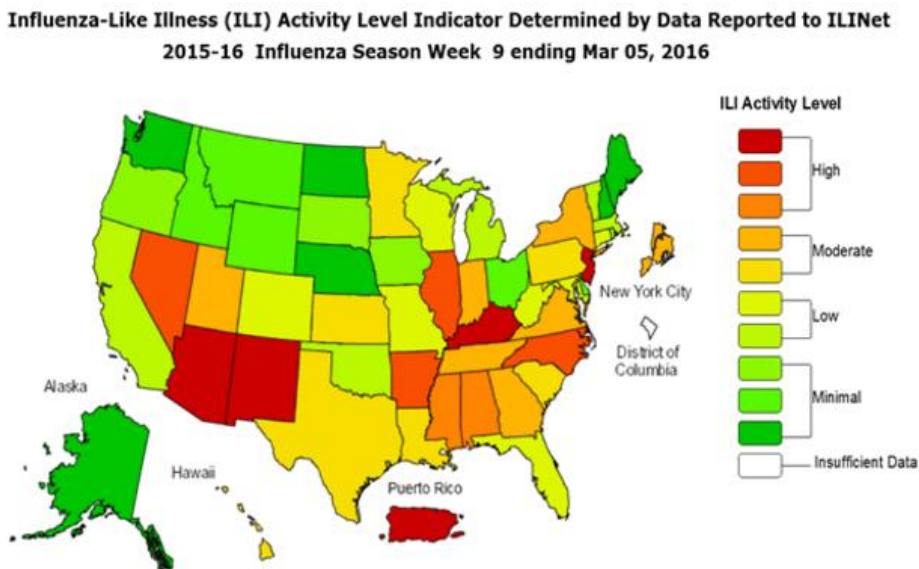
Indiana (Week 9)

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/>



- During Week 9, 15 states experienced minimal ILI activity, 12 states experienced low ILI activity, 13 states and New York City experienced moderate ILI activity, and 10 states and Puerto Rico experienced high ILI activity. In addition, during Week 9, 3.5% of outpatient visits reported through

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the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is an increase from previous week (Week 8=3.2%) and is above the national baseline (2.1%).

- Two influenza-related pediatric deaths were reported for Week 9. The season mortality is at 20.
- The most frequently identified influenza virus type reported by public health laboratories during Week 9 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>