

Influenza Situation Report

2015-2016 Seasonal Influenza Week 1 (Jan 03 – Jan 9, 2016)

Marion County Public Health Department, IN 2016-01-15,

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

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Updates on Most Recent Local Activity: Week 2 (Jan 10 – 16)

- Influenza-like illness (ILI) incidence appears to be typical for this time of year and suggests a decrease from last week. The percent and count of ILI visits for the most current week (Week 2) are 0.79% and 64, respectively.

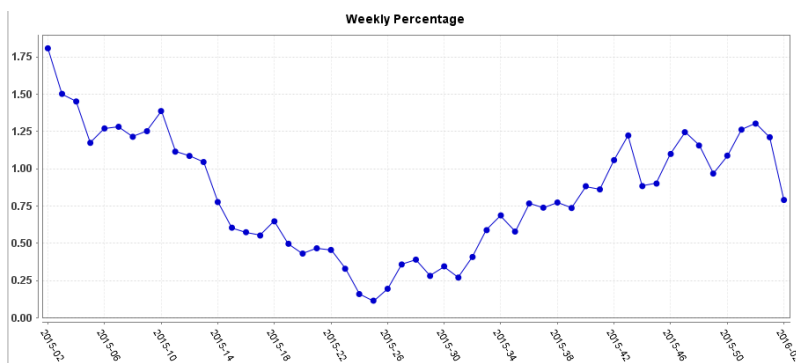
Local (Week 1)

http://www.mchd.com/FLU/Flu_edv.htm

- The percent and count of ED visits with a chief complaint of ILI was 1.2% and 143 of all ED visits, respectively.
- Children under age 5 have the highest age-specific percent ILI (3.2%).

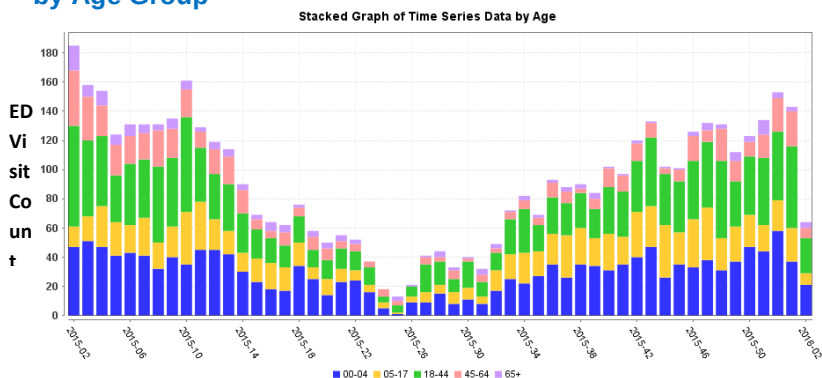
Emergency Department Visits for Influenza-Like Illness

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 52 %ILI	Week 48-51 Average %ILI (Avg.)
<5	3.2%	4.0%
5-17	2.1%	1.9%
18-44	1.1%	0.8%
45-64	0.9%	0.6%
65+	0.2%	0.4%
Total	1.2%	1.2%

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 1 is 1.2% (slightly 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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Local (Week 1) continued

- Marion County has received a report of one adult death related to influenza this influenza season. *Please note that the new Indiana reporting rule went into effect Dec. 25, 2015. In the past, only influenza deaths with a laboratory confirmation were counted in the weekly reports. Now any influenza related death (primary, secondary, or contributory) recorded on a death certificate is counted, even when that case did not have laboratory confirmation. With this change in reporting requirements, we anticipate seeing higher counts of influenza deaths this season simply due to methodology. MCPHD will continue to compare laboratory confirmed with non-laboratory confirmed cases to determine if a true increase in incidence of influenza related deaths is occurring. Please contact the MCPHD Infectious Disease Department at 221-2117 with any questions regarding how to report an influenza death in Marion County.*

Indiana (Week 1)

As of 5 p.m. on January 15, 2016, ISDH has not released the flu report for Week 1. For informational purposes, this flu update is from the previous week (Week 52).

http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_52-2015-16.pdf

- Indiana is experiencing minimal and sporadic influenza activity. For Week 52, ISDH reports 1.24% ILI at sentinel provider sites and 1.65% ILI ED visits. This is a decrease in sentinel surveillance and a decrease in ED surveillance compared to last week.
- No deaths have been reported in Indiana for Week 1. The total number of mortalities in Indiana this flu season is 2.
- For Week 1 and among samples tested at the state lab: 1 specimen tested positive for 2009A/H1N1pdm virus; 0 specimens tested positive for Influenza A/H1 seasonal virus; 0 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimens tested positive for Influenza B seasonal virus.

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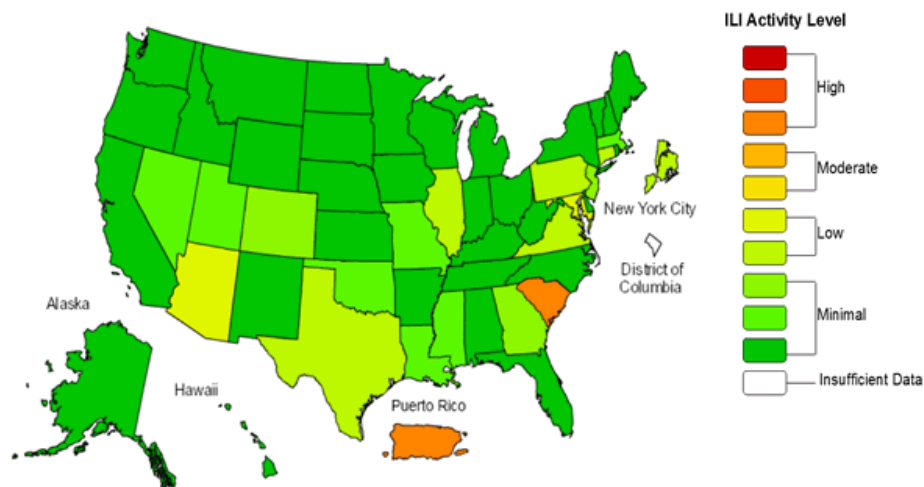
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National (Week 1)

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

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 1 ending Jan 09, 2016



- During Week 1, the majority of states are reporting minimal influenza activity. In addition, during Week 1, 2.0% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is a decrease from the previous week (Week 52=2.8%) and below the national baseline (2.1%).
- CDC reports 1 additional influenza-related pediatric death for Week 1. The season mortality is at 7.
- The most frequently identified influenza virus type reported by public health laboratories during week 1 was influenza A, with influenza A (H1N1)pdm09 viruses predominating. The percentage of respiratory specimens testing positive for influenza in clinical laboratories was low.