

Influenza Situation Report

2015-2016 Seasonal Influenza Week 7 (Feb 14 2016 – Feb 20 2016)

Marion County Public Health Department, IN 2016-02-26

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Updates on Most Recent Local Activity: Week 8 (Feb 21 – Feb 27)

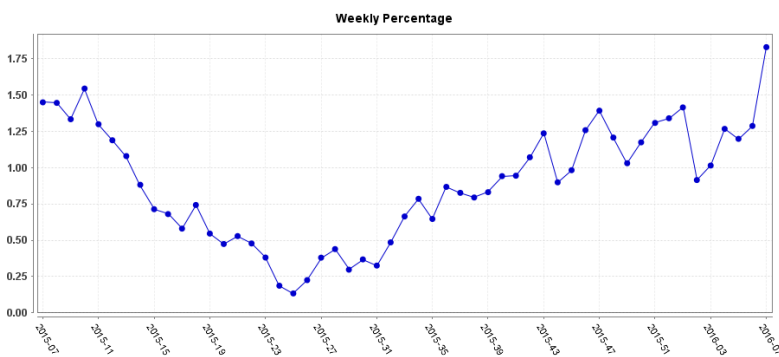
- Influenza-like illness (ILI) incidence appears to be low for this time of year and suggests a slight increase from last week. The percent and count of ILI visits for the most current week (Week 8) are 2.39% and 182, respectively.

Local (Week 7)

- The percent and count of ED visits with a chief complaint of ILI was 1.8% and 168 of all ED visits, respectively.
- Children under age 5 have the highest age-specific percent ILI (4.5%).

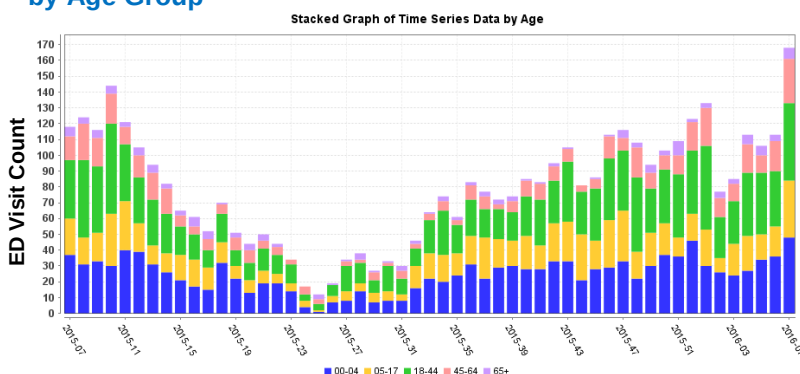
Emergency Department Visits for Influenza-Like Illness

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 7 %ILI	Week 3-6 Average %ILI (Avg.)
<5	4.5%	3.4%
5-17	3.8%	2.1%
18-44	1.3%	0.9%
45-64	1.3%	0.7%
65+	0.6%	0.4%
Total	1.8%	1.2%

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 7 is 1.8% (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 7)

As of 4 p.m. on February 26, 2016, ISDH has not released the flu report for Week 7. For informational purposes and your convenience, the information below is from the flu report for the previous week (Week 6).

http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_6-2015-16.pdf

- Indiana is experiencing minimal and regional influenza activity. For Week 6, ISDH reports 1.40% ILI at sentinel provider sites and 1.73% ILI ED visits. This is an increase in sentinel surveillance and an increase in ED surveillance compared to last week.
- Two deaths have been reported in Indiana for Week 6. The total number of mortalities in Indiana this flu season is 8.
- For Week 6 and among samples tested at the state lab: 13 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; 0 specimens tested positive for Influenza B seasonal virus; and no samples were inconclusive.

National (Week 7)

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

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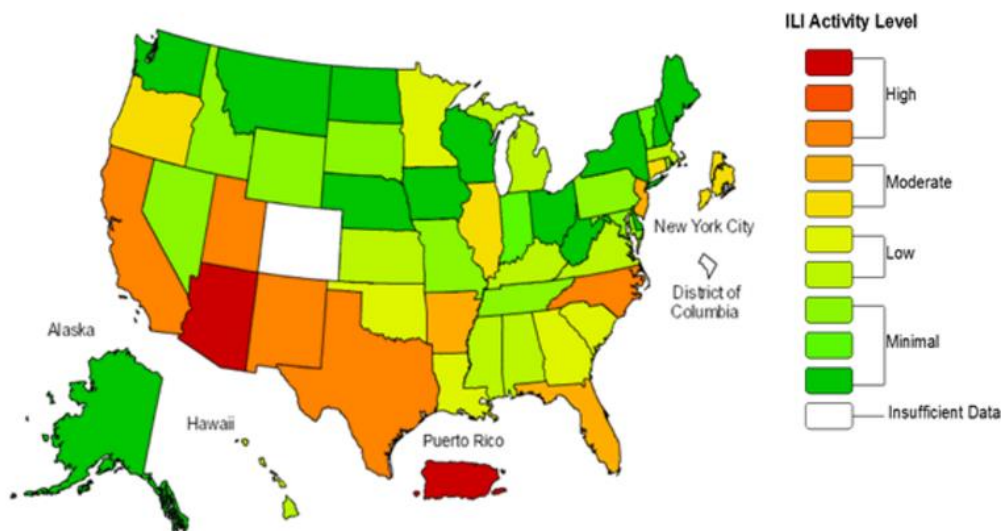
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Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet

2015-16 Influenza Season Week 7 ending Feb 20, 2016



- During Week 7, the majority of states are reporting minimal and moderate influenza activity. In addition, during Week 7, 3.2% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is an increase from the previous week (Week 6=3.1%) and is above the national baseline (2.1%).
- One influenza-related pediatric death was reported for Week 7. The season mortality is at 14.
- The most frequently identified influenza virus type reported by public health laboratories during Week 7 was influenza A, with influenza A (H1N1) viruses predominating.