

Influenza Situation Report

2017-2018 Seasonal Influenza Week 11

(March 11 – March 17, 2018)

Marion County Public Health Department, IN 2018-03-26

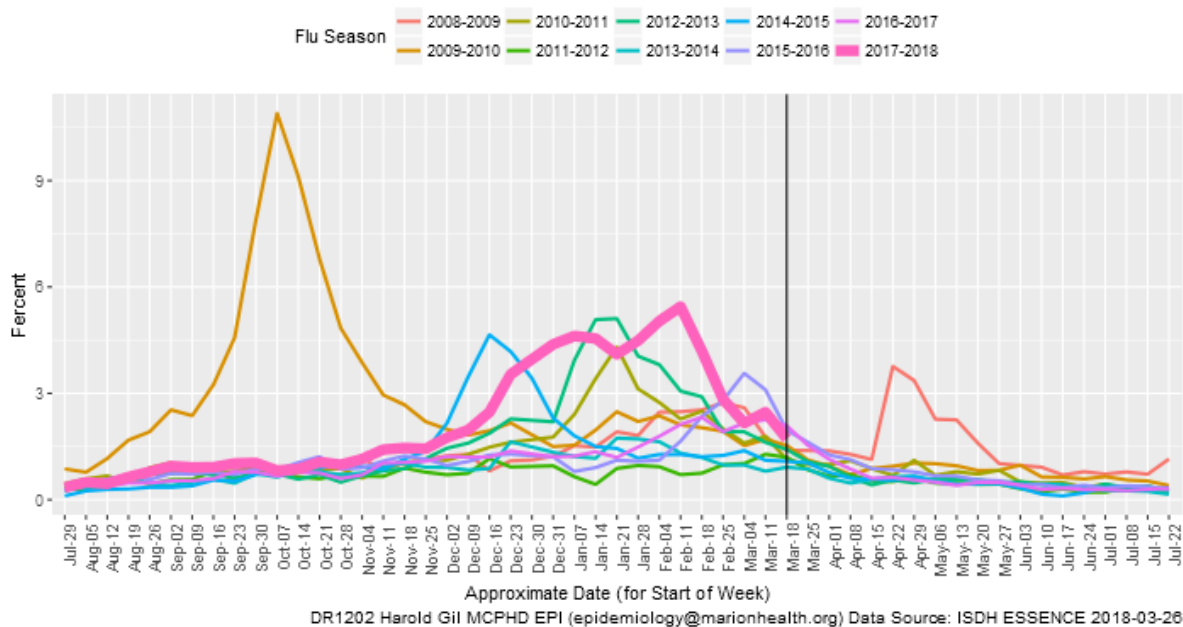
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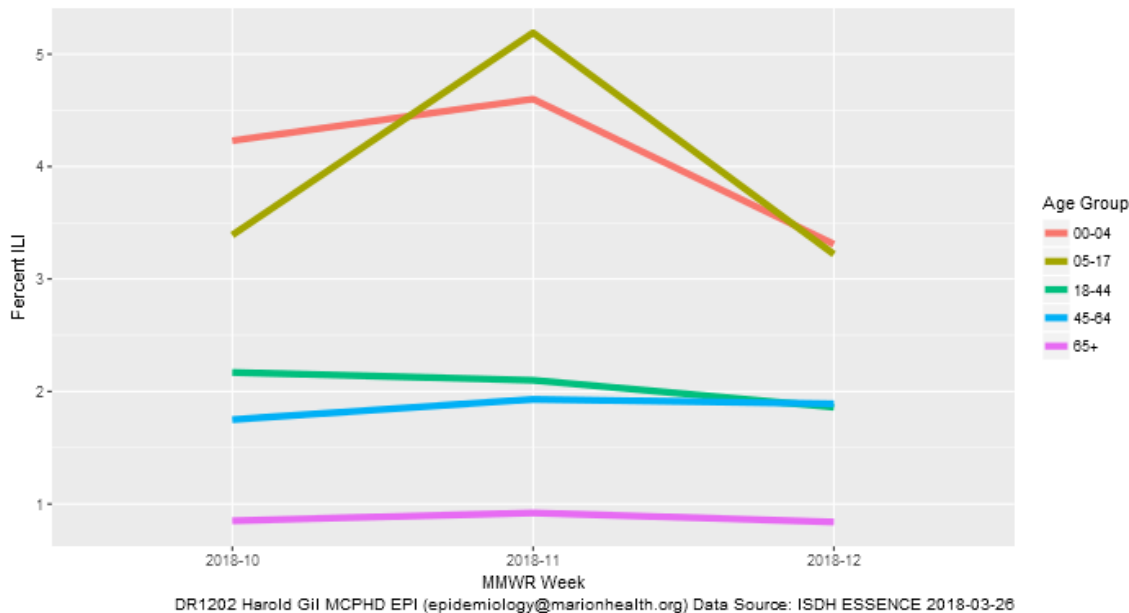
Updates on Most Recent Local Activity: Week 12 (Mar 18 – Mar 24)

- The percentage of ED visits last week (Week 12) that were ILI-related decreased to 1.72%.
- There have been 22 influenza-associated deaths for Marion County residents this flu season.
- In Marion County hospitals' ED population, ILI was most common in the 0-4 age group. Among ED visits by 0-4 year olds, 3.31% were for ILI. ILI among ED visits by 5-17 year olds was next highest, at 3.32%.

Percent of ILI related ED Visits



Percent of ILI related ED Visits by Age Group



Note: ILI (Influenza-Like Illness) visit means that the patient reported fever with cough or sore throat, or used the word "flu" or "ir" to describe either their symptoms or their reason for the ED (Emergency Department) visit.

Low: Less than 1%; **Moderate:** 1% - 1.99%; **High:** $\geq 2\%$

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Local (Week 11)

- The percentage of ILI related ED visits was 2.47%.
- Children age 5-17 had the highest age-specific percent ILI (5.19%).
- Indiana and its surrounding states all had low to minimal Influenza-Like Illness (ILI) activity.

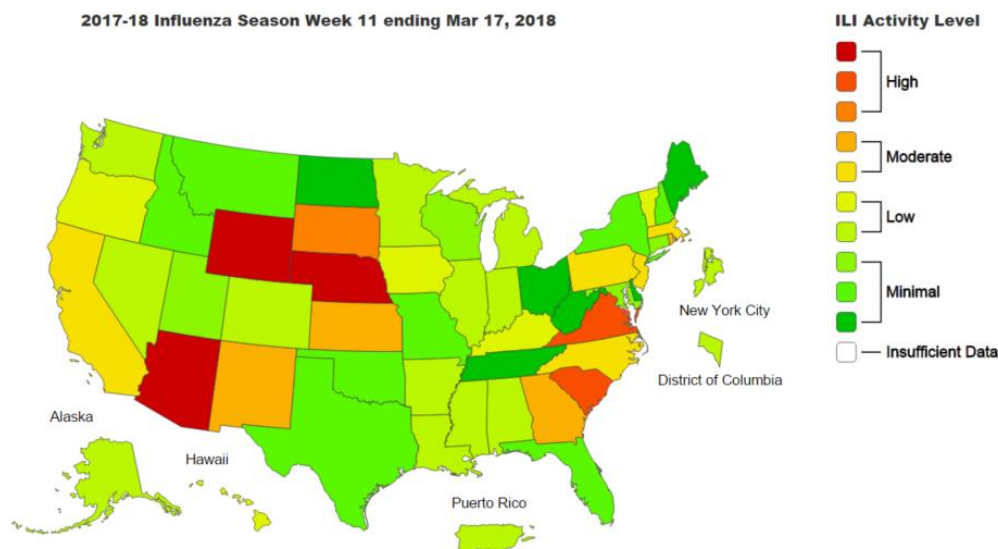
Indiana (Week 11)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2011-2017-2018.pdf>

- Indiana is experiencing widespread and low activity. For Week 11, ISDH reports 3.00% ILI at sentinel provider sites and 2.71% ILI ED visits. This is a slight decrease in sentinel sites and a decrease in EDs.
- The total number of mortalities in Indiana this flu season is 289.
- For Week 11 and among samples tested at the state lab: 3 specimens tested positive for Influenza A/H3 seasonal virus, 6 specimen tested positive for A/H1N1pdm virus, and 9 specimen tested positive for Influenza B seasonal virus (Yamagata or Victoria), 17 specimen tested positive for Influenza B with genotype pending, and 2 Influenza A Unsubtypeable.

National (Week 11)

<https://www.cdc.gov/flu/weekly/index.htm>



- During Week 11, influenza activity decreased in the United States, and the majority states were reporting low to minimal and regional influenza activity. In addition, during Week 11, 2.7% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This was lower than Week 10 (3.3%).
- 133 influenza-associated pediatric deaths have been reported to CDC this flu season.
- The percent of respiratory specimens testing positive for influenza in clinical laboratories decreased. During Week 11, the numbers of positive specimens for influenza A (42.3%) was lower than influenza B (57.7%).

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