

Influenza Situation Report

2017-2018 Seasonal Influenza Week 10

(March 04 – March 10, 2018)

Marion County Public Health Department, IN 2018-03-19

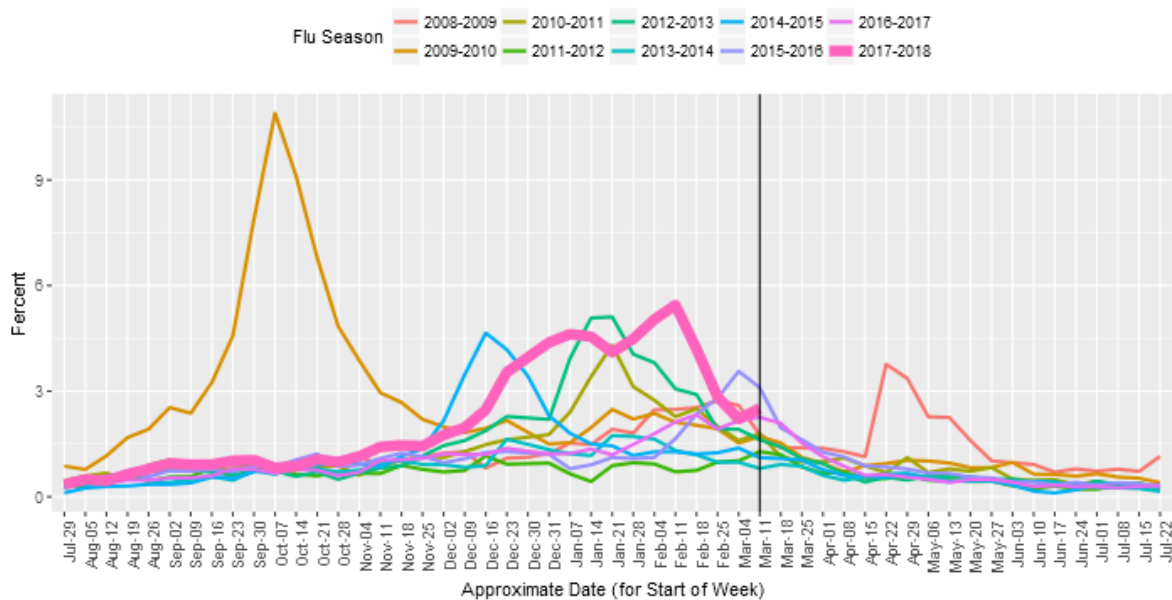
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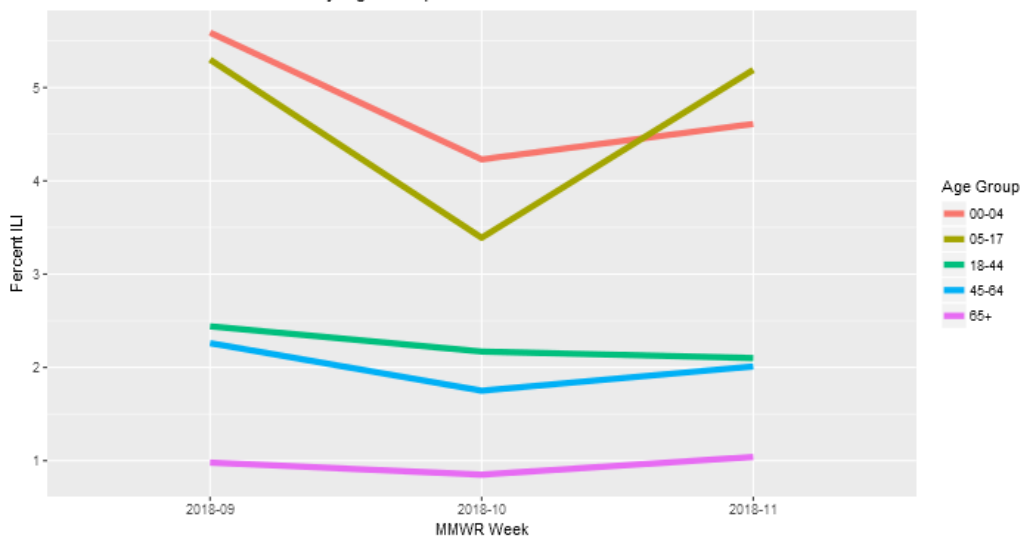
Updates on Most Recent Local Activity: Week 11 (Mar 11 – Mar 17)

- The percentage of ED visits last week (Week 11) that were ILI-related was 2.51%. This is a slight increase from week 10, and adolescent 5-17 years old saw the largest percent increase from week 10 (+1.8%).
- 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 5-17 age group. Among ED visits by 5-17 year olds, 5.19% were for ILI. ILI among ED visits by 0-4 year olds was next highest, at 4.61%.

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 10)

- The percentage of ILI related ED visits was 2.21%.
- Children age 0-4 had the highest age-specific percent ILI (4.23%).
- Indiana, Michigan, and Illinois saw a reduction in influenza-like illness activity and Ohio remained low.

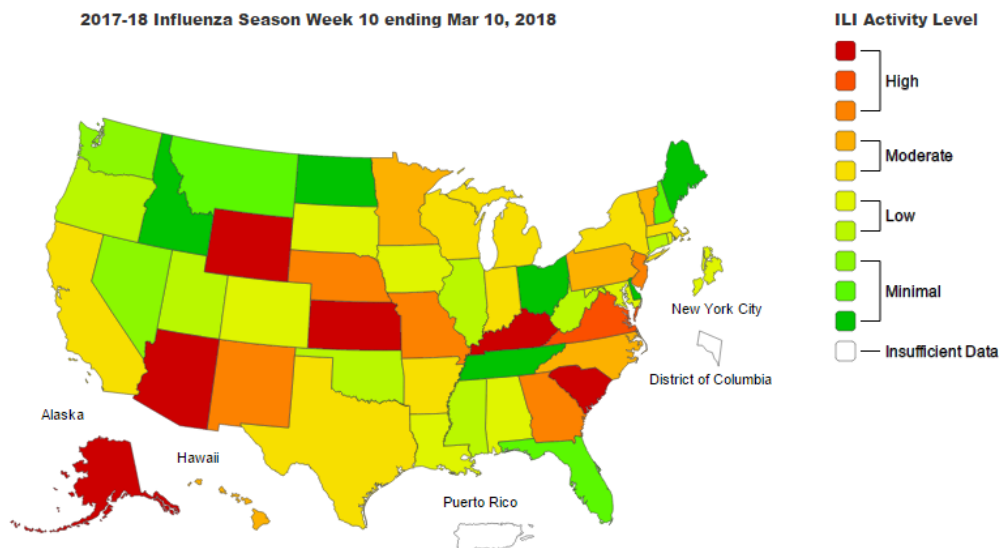
Indiana (Week 10)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2010-2017-2018.pdf>

- Indiana is experiencing widespread and moderate activity. For Week 10, ISDH reports 3.03% ILI at sentinel provider sites and 2.83% ILI ED visits. This is a decrease in sentinel sites and a decrease in EDs.
- The total number of mortalities in Indiana this flu season is 278.
- For Week 10 and among samples tested at the state lab: 34 specimens tested positive for Influenza A/H3 seasonal virus, 22 specimen tested positive for A/H1N1pdm virus, and 32 specimen tested positive for Influenza B seasonal virus (Yamagata or Victoria), 11 specimen tested positive for Influenza B with genotype pending, and 1 Influenza A Unsubtypeable.

National (Week 10)

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



- During Week 10, influenza activity decreased in the United States, and the majority states were reporting low to moderate and widespread influenza activity. In addition, during Week 10, 3.3% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This was lower than Week 9 (3.7%).
- 128 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 10, the numbers of positive specimens for influenza A (46.5%) was lower than influenza B (53.5%).

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