

Influenza Situation Report

2017-2018 Seasonal Influenza Week 8

(February 18 – 24, 2018)

Marion County Public Health Department, IN 2018-03-05

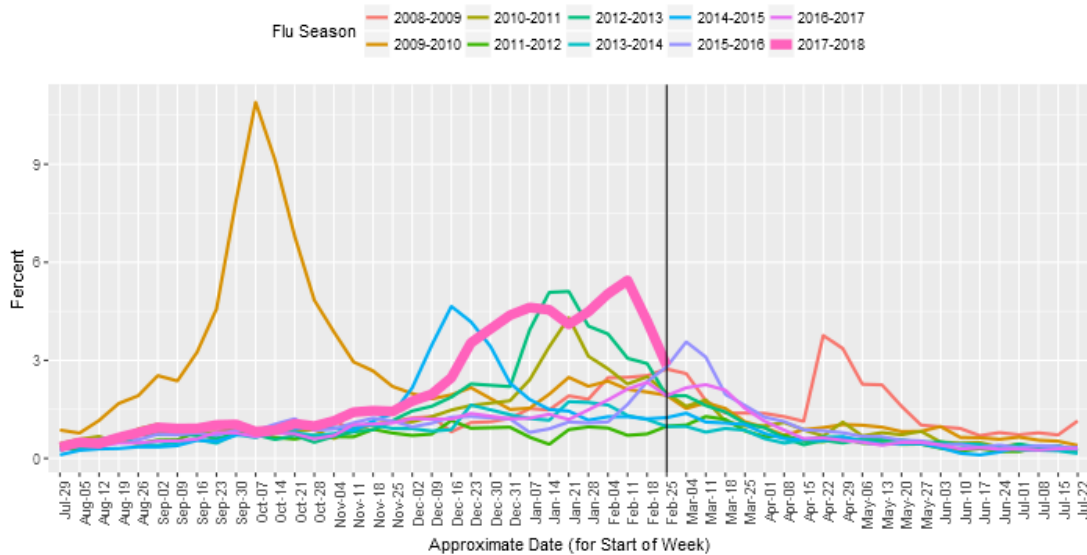
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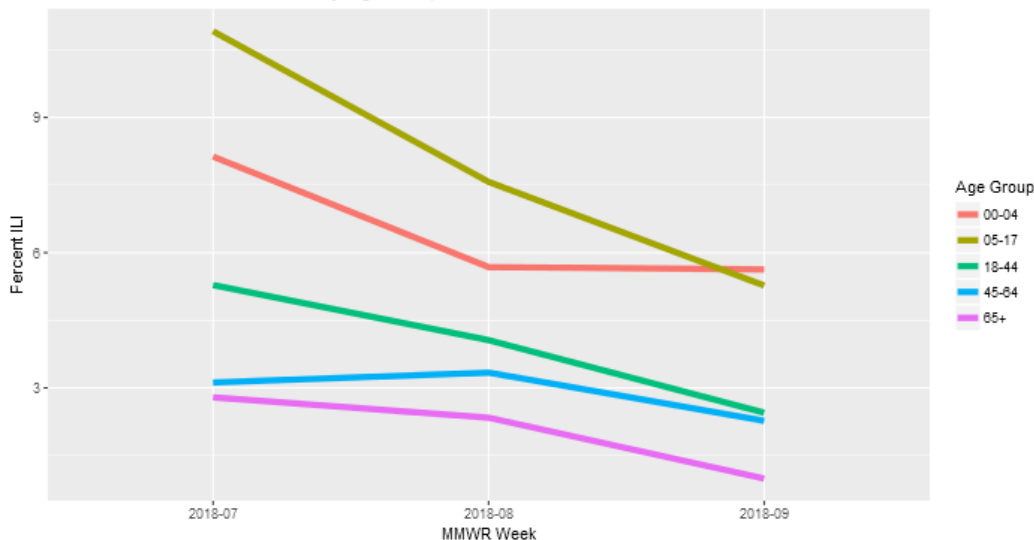
Updates on Most Recent Local Activity: Week 9 (Feb 25 – Mar 03)

- The percentage of ED visits last week (Week 9) that were ILI-related was 2.84%.
- Based on previous year's trends, our recent decreases in weekly ILI-related visit are a good sign that we have seen the peak this season and are now declining.
- There have been 17 influenza-associated deaths for Marion County residents this flu season.
- For week 9, all age groups, except those 0-4 years old, had a decline in ILI-related visits. The 0-4 age group had the highest age-specific percent ILI (5.63%).

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 "influenza" 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 8)

- The percentage of ILI related ED visits was 4.21%.
- Children age 5-17 had the highest age-specific percent ILI (7.57%).

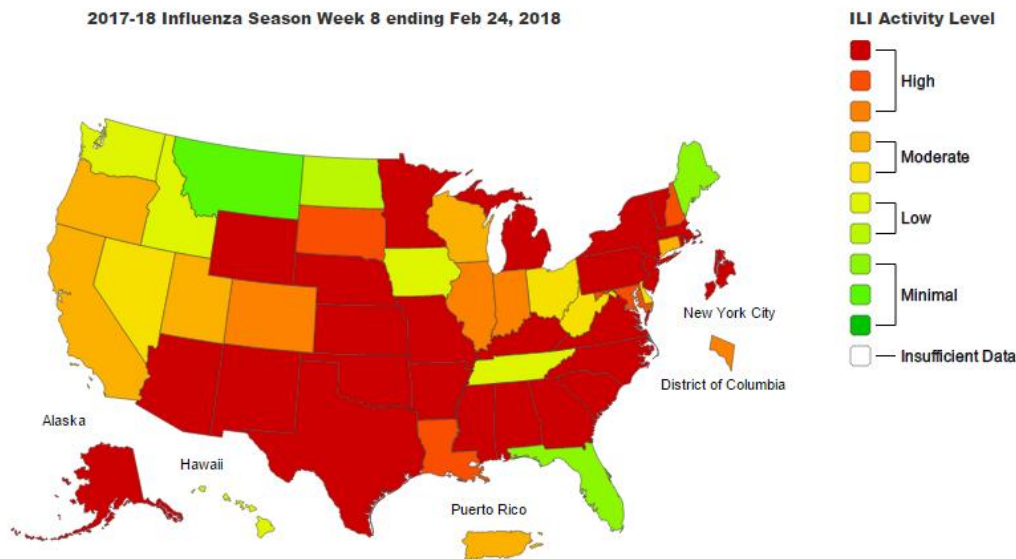
Indiana (Week 8)

https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%208-2017-2018_v2.pdf

- Indiana is experiencing widespread and high activity. For Week 8, ISDH reports 3.89% ILI at sentinel provider sites and 5.14% 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 244.
- For Week 8 and among samples tested at the state lab: 12 specimens tested positive for Influenza A/H3 seasonal virus, 4 specimen tested positive for A/H1N1pdm virus, and 9 specimen tested positive for Influenza B seasonal virus (Yamagata or Victoria), and 5 specimen tested positive for Influenza B with genotype pending.

National (Week 8)

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



- During Week 8, influenza activity decreased in the United States, and the majority states were reporting high and widespread influenza activity. In addition, during Week 8, 5.0% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This was lower than Week 6 (6.4%).
- 114 influenza-associated pediatric deaths have been reported to CDC this flu season.
- The most frequently identified influenza virus type reported by public health laboratories during Week 8 was Influenza A(H3). However, the overall proportion of influenza A viruses is declining and the proportion of influenza B viruses is increasing. The positive specimens by type were Influenza A (51.6%) and Influenza B (48.4%).

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

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