

Influenza Situation Report

2017-2018 Seasonal Influenza Week 9 (February 25 – March 03, 2018)

Marion County Public Health Department, IN 2018-03-12

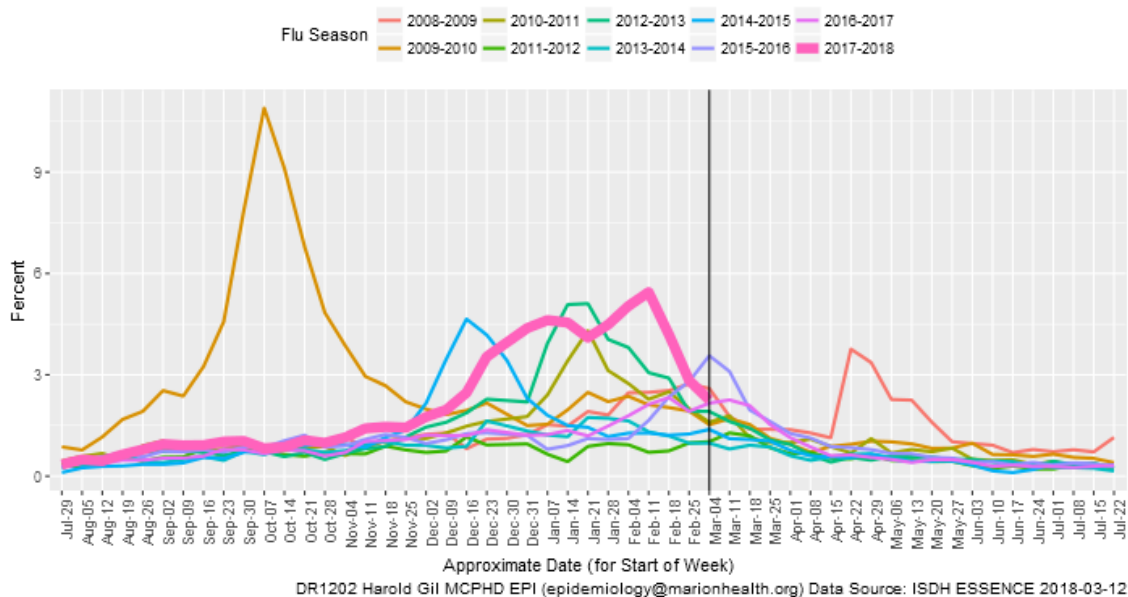
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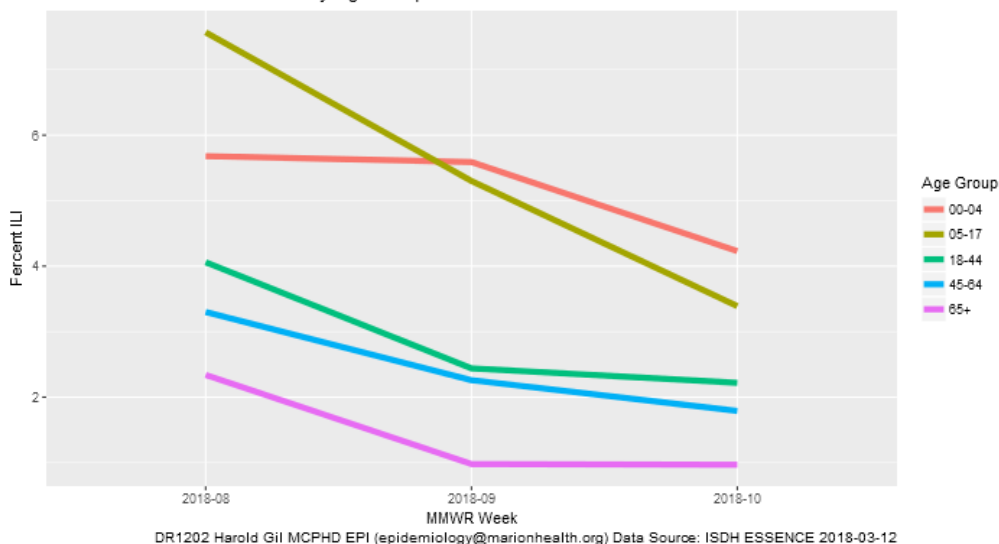
Updates on Most Recent Local Activity: Week 10 (Mar 04 – Mar 10)

- The percentage of ED visits last week (Week 10) that were ILI-related was 2.25%.
- This was not as large of a decrease as the two previous weeks, but the declining trend is similar to previous seasons where the weekly percent ILI tends to drop quickly and then goes down more gradually.
- There have been 20 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, 4.23% were for ILI. ILI among ED visits by 5-17 year olds was next highest, at 3.39%.

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 9)

- The percentage of ILI related ED visits was 2.84%.
- Our surrounding states, Ohio and Illinois, saw a reduction in influenza-like illness activity.
- Children age 0-4 had the highest age-specific percent ILI (5.59%).

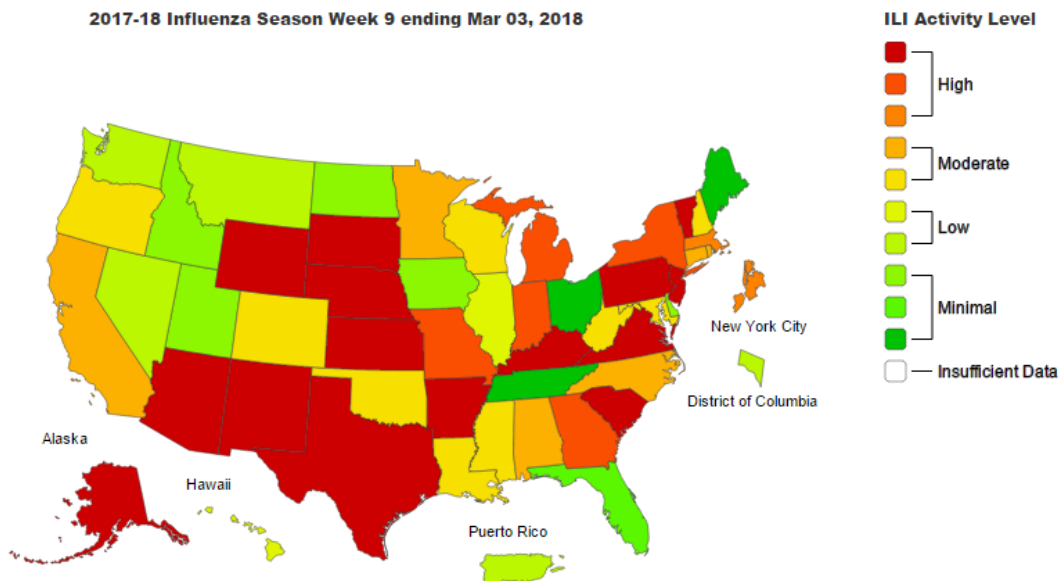
Indiana (Week 9)

https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%209-2017-2018_v2.pdf

- Indiana is experiencing widespread and high activity. For Week 9, ISDH reports 4.27% ILI at sentinel provider sites and 3.55% ILI ED visits. This is an increase in sentinel sites and a decrease in EDs.
- The total number of mortalities in Indiana this flu season is 265.
- For Week 9 and among samples tested at the state lab: 19 specimens tested positive for Influenza A/H3 seasonal virus, 11 specimen tested positive for A/H1N1pdm virus, and 12 specimen tested positive for Influenza B seasonal virus (Yamagata or Victoria), and 9 specimen tested positive for Influenza B with genotype pending.

National (Week 9)

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



- During Week 9, influenza activity decreased in the United States, and the majority states were reporting high and widespread influenza activity. In addition, during Week 9, 3.7% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This was lower than Week 8 (5.0%).
- 119 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 9, the numbers of positive specimens for influenza A (50.1%) and influenza B (49.9%) reported were similar.

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