

Influenza Situation Report

2017-2018 Seasonal Influenza Week 7

(February 11 – 17, 2018)

Marion County Public Health Department, IN 2018-02-26

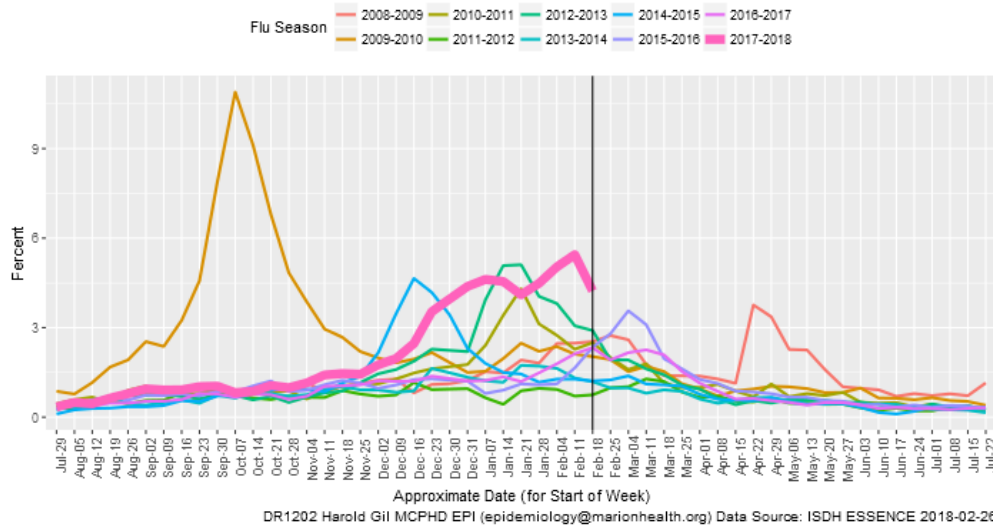
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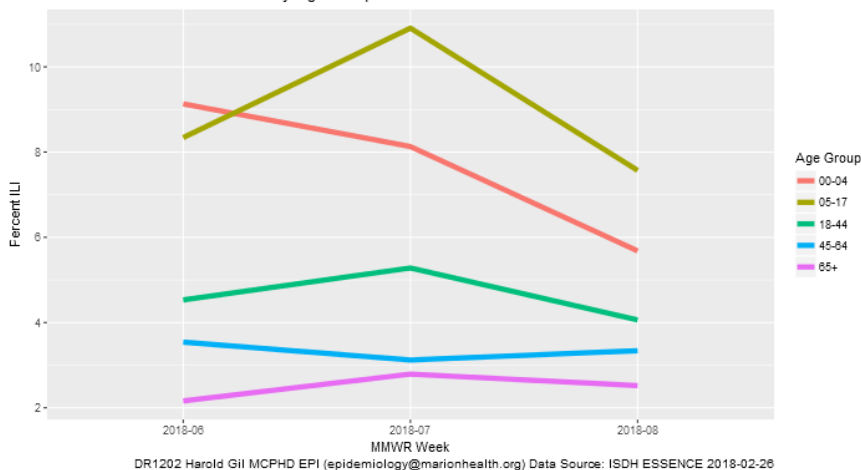
Updates on Most Recent Local Activity: Week 8 (Feb 18 – 24)

- The percentage of ED visits last week (Week 8) that were ILI-related was 4.22%. This was the largest reduction in the weekly ILI percent this season (-1.23%), which may indicate that flu is decreasing.
- During a normal flu season, Marion County EDs typically drop below 2% for the weekly ILI 3-4 weeks after the peak. However, we have been above 2% longer than usual (10 weeks this season vs the usual 6 weeks), so it may take longer than usual to get below 2%.
- There have been 17 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, 7.49% were for ILI. ILI among ED visits by 0-4 year olds was next highest, at 5.68%.

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 7)

- The percentage of ILI related ED visits was 5.45%.
- Children age 5-17 had the highest age-specific percent ILI (10.91%).

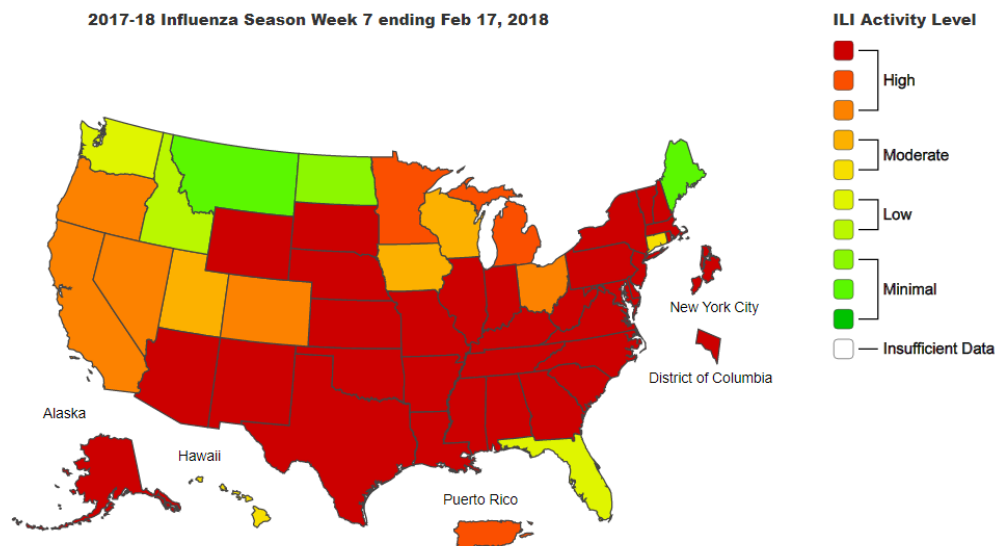
Indiana (Week 7)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%207-2017-2018.pdf>

- Indiana is experiencing widespread and high activity. For Week 7, ISDH reports 6.38% ILI at sentinel provider sites and 6.41% 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 219.
- For Week 7 and among samples tested at the state lab: 44 specimens tested positive for Influenza A/H3 seasonal virus, 12 specimen tested positive for A/H1N1pdm virus, and 13 specimen tested positive for Influenza B seasonal virus (Yamagata or Victoria), 9 specimen tested positive for Influenza B with genotype pending, and 1 Influenza A unsubtypeable.

National (Week 7)

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



- During Week 7, influenza activity remained elevated in the United States, and the majority states were reporting high and widespread influenza activity. In addition, during Week 7, 6.4% 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 (7.5%).
- 97 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 7 was Influenza A(H3). The percentage of respiratory specimens testing positive for influenza in clinical laboratories remained elevated. The positive specimens by type were Influenza A (58.2%) and Influenza B (41.8%).

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Low: Less than 1%; **Moderate:** 1% - 1.99%; **High:** ≥ 2%