

Influenza Situation Report

2017-2018 Seasonal Influenza Week 47

(Nov 19 2017 – Nov 25 2017)

Marion County Public Health Department, IN 2017-12-07

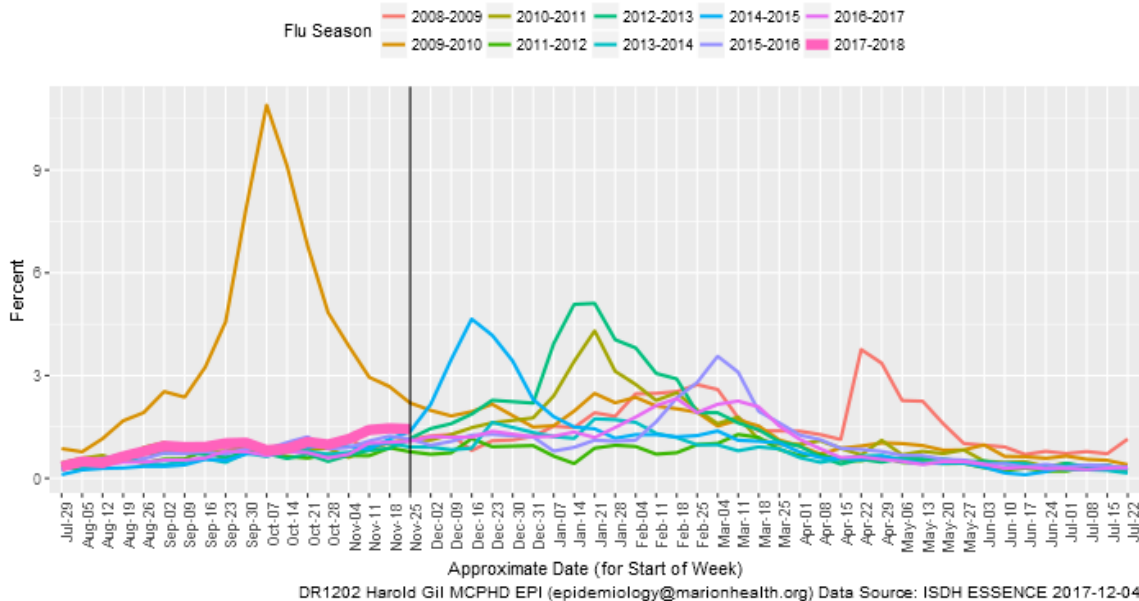
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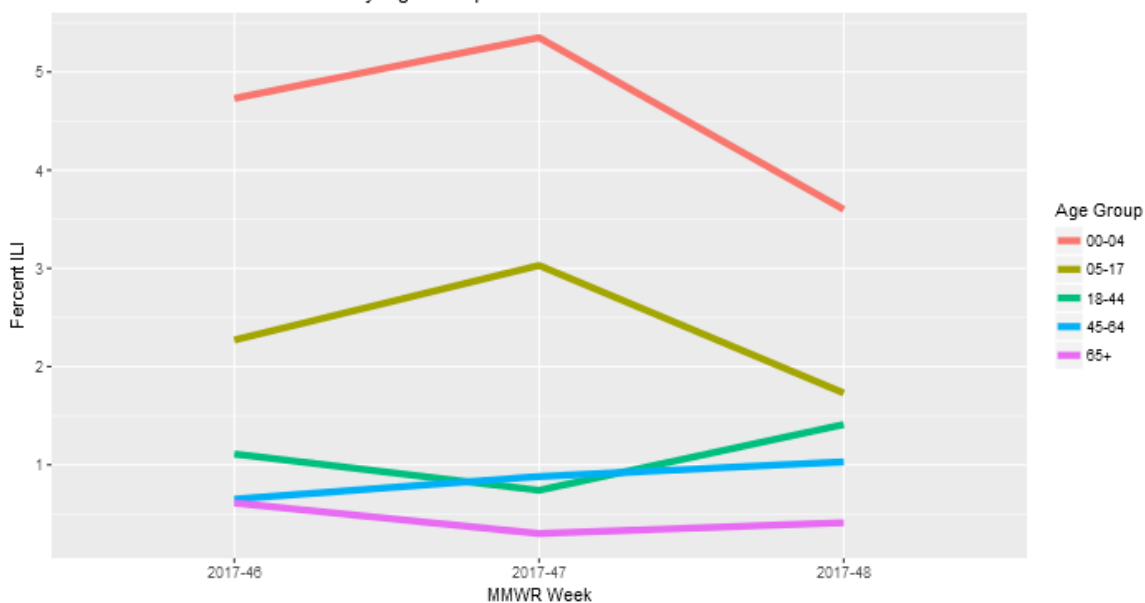
Updates on Most Recent Local Activity: Week 48 (Nov 26 – Dec 02)

- The percentage of ED visits last week (Week 48) that were related to ILI was 1.44%. This is "moderate" and is slightly elevated for this time of year.
- In Marion County hospitals' ED population, ILI was most common in the 0-4 age group. Among ED visits by 0-4 year olds, 3.60% were for ILI. ILI among ED visits by 18-44 year olds increased the most from 0.74 in week 47 to 1.41 in week 48.

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 47)

- The percentage of ILI related ED visits was 1.46% ("moderate").
- Children age 0-4 had the highest age-specific percent ILI (5.35%).

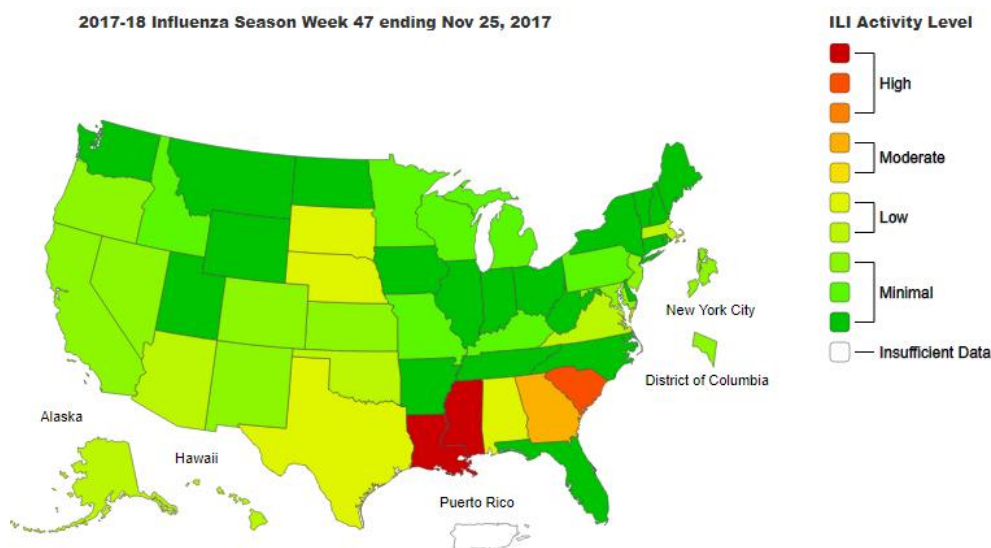
Indiana (Week 47)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2047-2017-2018.pdf>

- Indiana is experiencing sporadic and minimal influenza activity. For Week 47, ISDH reports 1.69% ILI at sentinel provider sites and 1.44% ILI ED visits. This is an increase in sentinel sites and an increase in EDs.
- The total number of mortalities in Indiana this flu season is 0.
- For Week 47 and among samples tested at the state lab: 3 specimens tested positive for Influenza A/H3 seasonal virus and 1 specimen tested positive for Influenza B seasonal virus.

National (Week 47)

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



- During Week 47, influenza activity increased in the United States, but the majority of states were reporting minimal and sporadic influenza activity. In addition, during Week 47, 2.3% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is higher than Week 46 (2.0%).
- Five 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 47 was Influenza A. The percentage of respiratory specimens testing positive for influenza in clinical laboratories is increasing. The positive specimens by type were Influenza A (75.6%) and Influenza B (24.4%).

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