

Influenza Situation Report

2017-2018 Seasonal Influenza Week 48

(Nov 26 2017 – Dec 02 2017)

Marion County Public Health Department, IN 2017-12-11

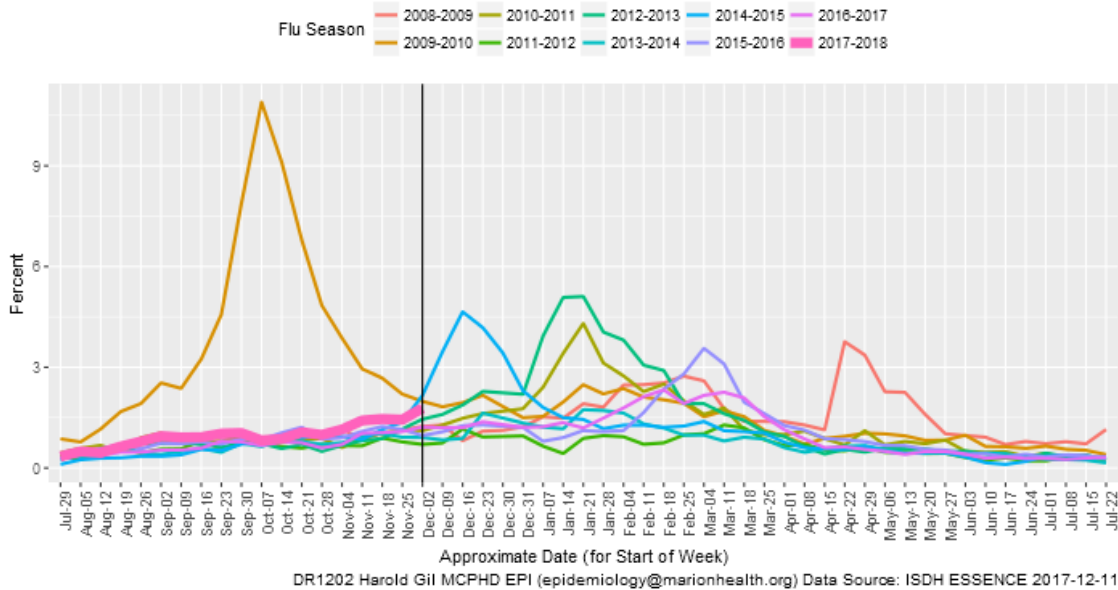
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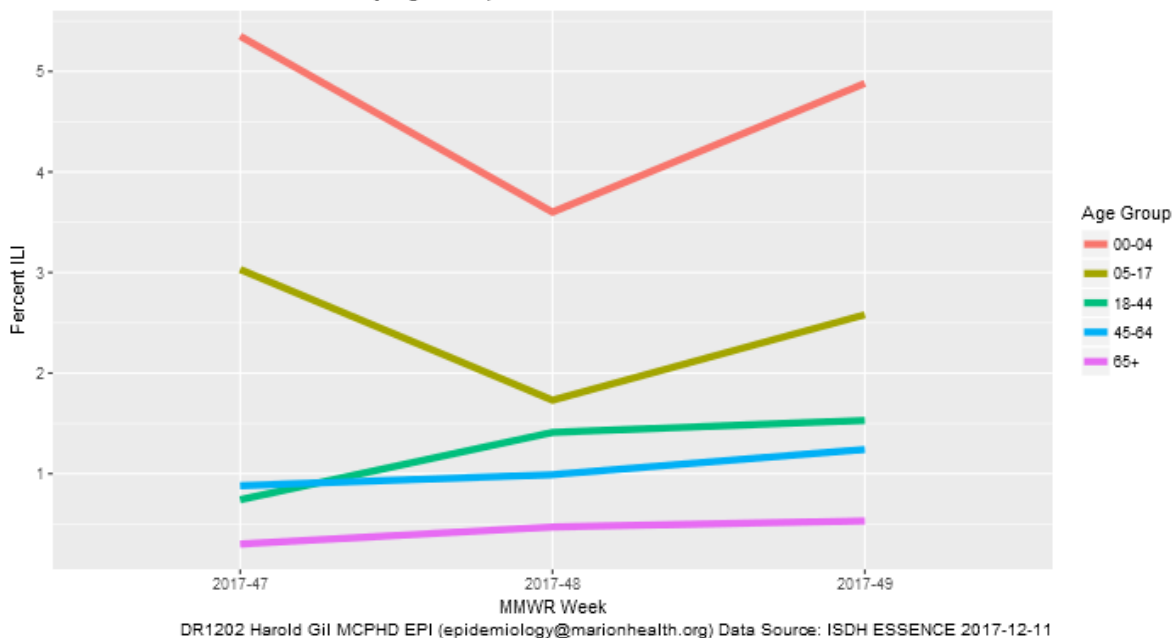
Updates on Most Recent Local Activity: Week 49 (Dec 03 – Dec 09)

- The percentage of ED visits last week (Week 49) that were related to ILI was 1.78%. 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, 4.88% were for ILI. ILI among ED visits by 5-17 year olds was next highest, at 2.58%.

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 48)

- The percentage of ILI related ED visits was 1.44% ("moderate").
- Children age 0-4 had the highest age-specific percent ILI (3.60%).

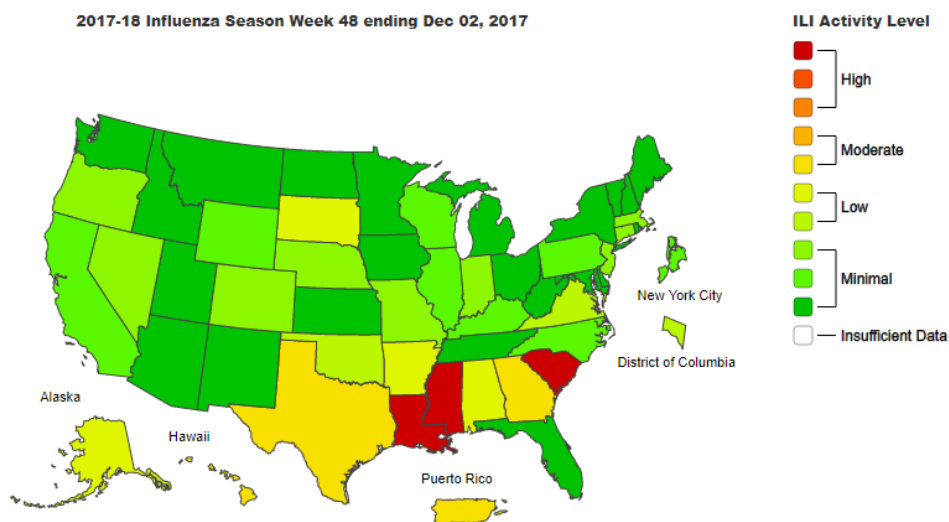
Indiana (Week 48)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2048-2017-2018.pdf>

- Indiana is experiencing local and minimal influenza activity. For Week 48, ISDH reports 2.04% ILI at sentinel provider sites and 1.45% 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 1.
- For Week 48 and among samples tested at the state lab: 9 specimens tested positive for Influenza A/H3 seasonal virus and 5 specimen tested positive for Influenza B seasonal virus.

National (Week 48)

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



- During Week 48, influenza activity increased slightly in the United States, but the majority of states were reporting minimal and sporadic influenza activity. In addition, during Week 48, 2.3% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is the same as Week 47 (2.3%).
- Seven 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 48 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 (76.3%) and Influenza B (23.7%).

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