

Influenza Situation Report

2017-2018 Seasonal Influenza Week 51

(Dec 17 2017 – Dec 23 2017)

Marion County Public Health Department, IN 2018-01-02

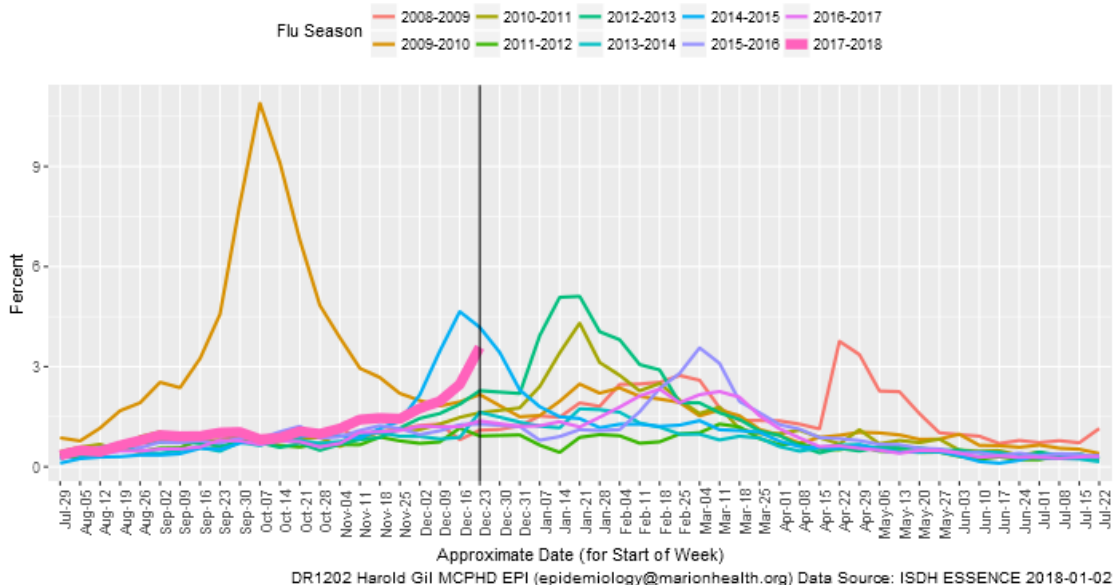
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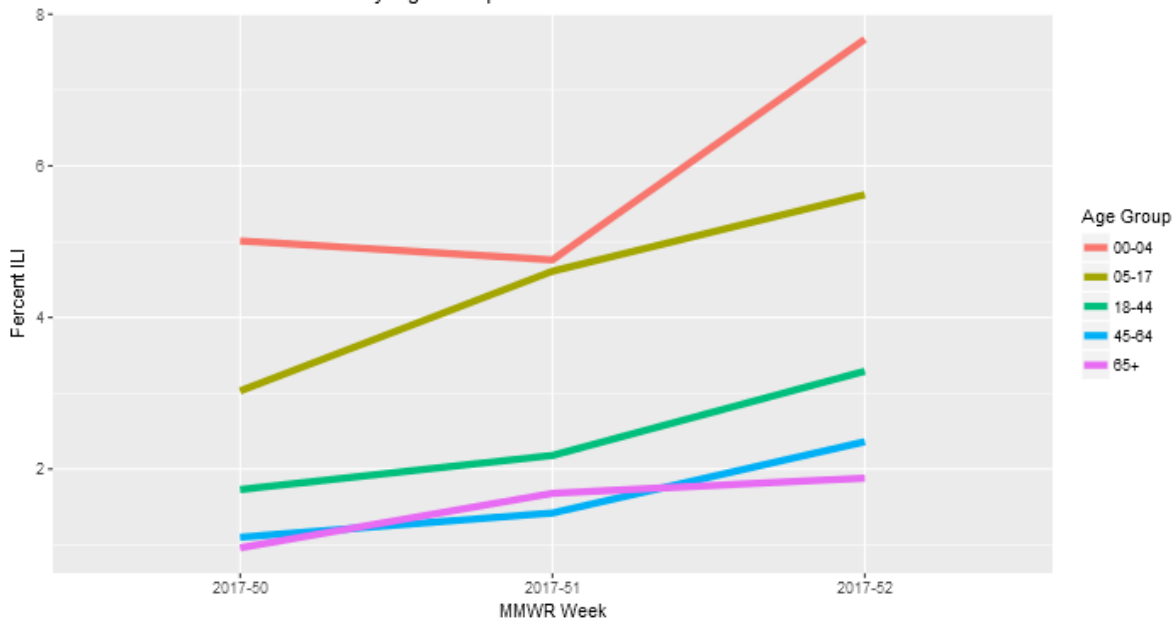
Updates on Most Recent Local Activity: Week 52 (Dec 24 – Dec 30)

- The percentage of ED visits last week (Week 52) that were related to ILI was 3.58%. This is "high" and is 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, 7.67% were for ILI. ILI among ED visits by 5-17 year olds was next highest, at 5.62%.

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 51)

- The percentage of ILI related ED visits was 2.47% ("high").
- Children age 0-4 had the highest age-specific percent ILI (4.76%).

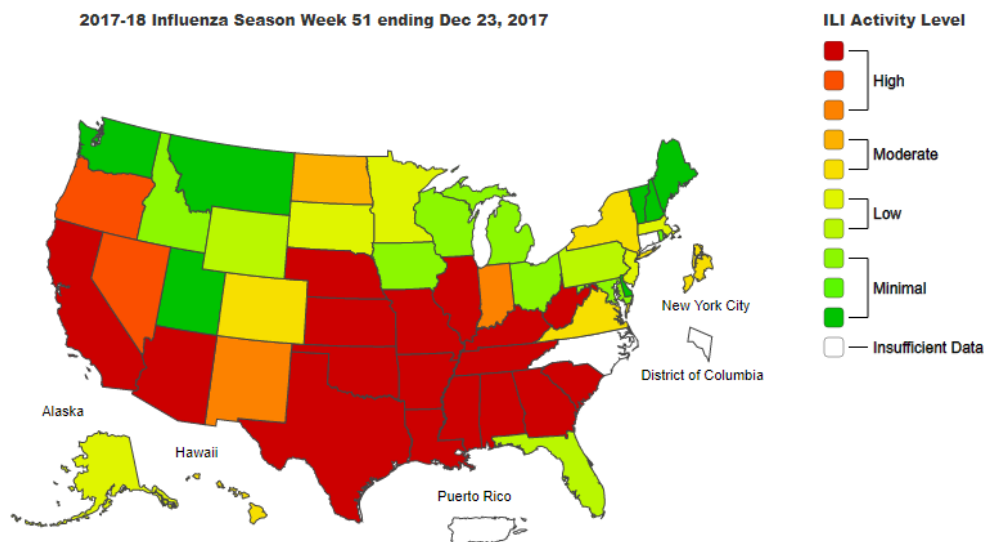
Indiana (Week 51)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2051-2017-2018.pdf>

- Indiana is experiencing widespread and high activity. For Week 51, ISDH reports 5.24% ILI at sentinel provider sites and 2.98% 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 9.
- For Week 51 and among samples tested at the state lab: 68 specimens tested positive for Influenza A/H3 seasonal virus, 16 specimen tested positive for A/H1N1pdm virus, and 12 specimen tested positive for Influenza B seasonal virus.

National (Week 51)

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



- During Week 51, influenza activity sharply increased in the United States, and the majority states were reporting moderate to high and widespread influenza activity. In addition, during Week 51, 5.0% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is higher than Week 50 (3.5%).
- 12 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 51 was Influenza A. The percentage of respiratory specimens testing positive for influenza in clinical laboratories increased. The positive specimens by type were Influenza A (86.7%) and Influenza B (13.3%).

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