

Influenza Situation Report

2017-2018 Seasonal Influenza Week 50

(Dec 10 2017 – Dec 16 2017)

Marion County Public Health Department, IN 2017-12-25

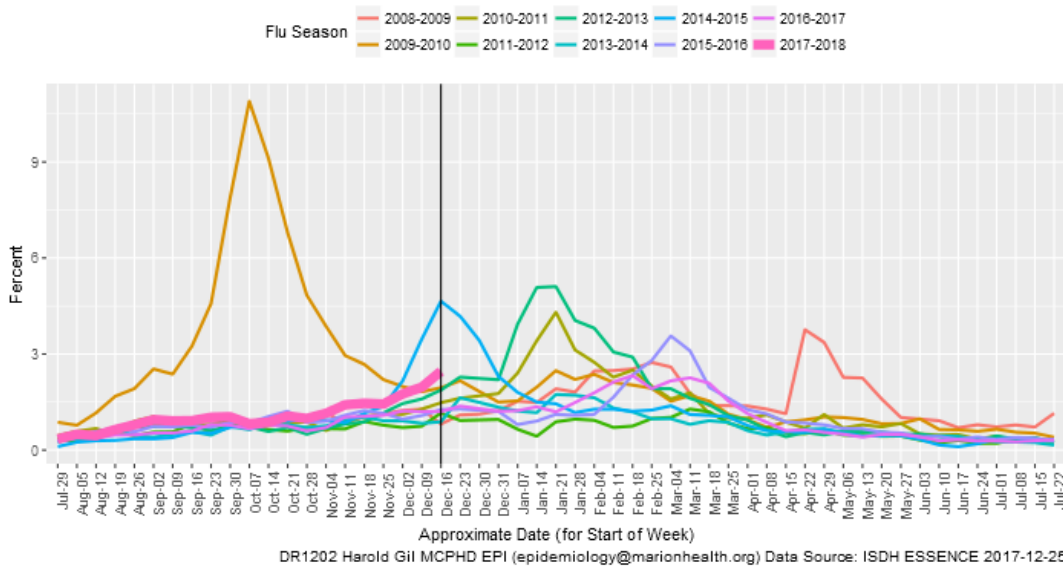
Please send comments or suggestions about content to epidemiology@hhcorp.org.

To subscribe to this report, email your name and email address to sjacobs@marionhealth.org, with subject "Add to Weekly Flu Report distribution list".

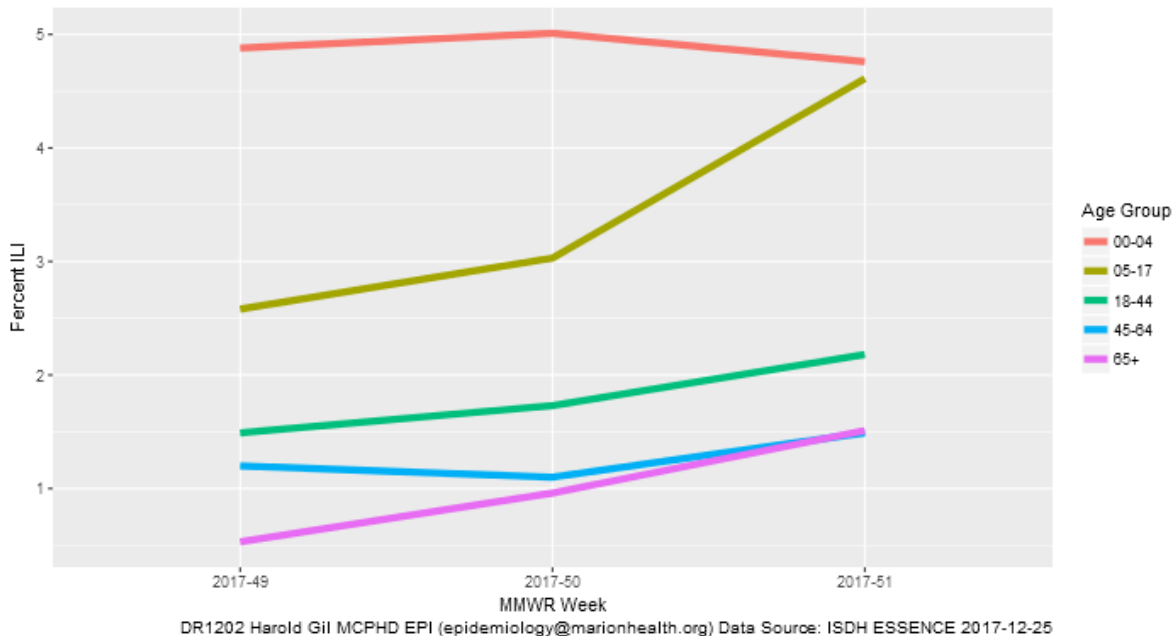
Updates on Most Recent Local Activity: Week 51 (Dec 17 – Dec 23)

- The percentage of ED visits last week (Week 51) that were related to ILI was 2.46%. 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, 4.76% were for ILI. ILI among ED visits by 5-17 year olds was next highest, at 4.61%.

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:** $\geq 2\%$

Influenza Situation Report

2017-2018 Seasonal Influenza Week 50

(Dec 10 2017 – Dec 16 2017)

Marion County Public Health Department, IN 2017-12-25

Please send comments or suggestions about content to epidemiology@hhcorp.org.

To subscribe to this report, email your name and email address to sjacobs@marionhealth.org, with subject "Add to Weekly Flu Report distribution list".

Local (Week 50)

- The percentage of ILI related ED visits was 1.96% ("moderate").
- Children age 0-4 had the highest age-specific percent ILI (5.01%).

Indiana (Week 50)

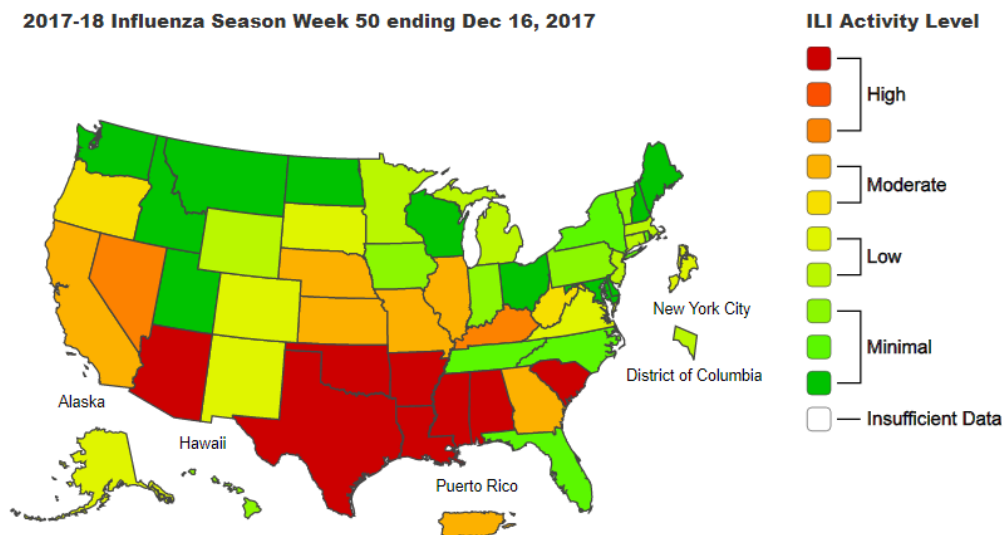
<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2050-2017-2018.pdf>

- Indiana is experiencing widespread and minimal activity. For Week 50, ISDH reports 2.32% ILI at sentinel provider sites and 2.17% ILI ED visits. This is a decrease in sentinel sites and an increase in EDs.
- The total number of mortalities in Indiana this flu season is 2.
- For Week 50 and among samples tested at the state lab: 31 specimens tested positive for Influenza A/H3 seasonal virus, 5 specimen tested positive for A/H1N1pdm virus, and 4 specimen tested positive for Influenza B seasonal virus.

National (Week 50)

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

2017-18 Influenza Season Week 50 ending Dec 16, 2017



- During Week 50, influenza activity sharply increased in the United States, but the majority states were reporting minimal to low and regional or widespread influenza activity. In addition, during Week 50, 3.5% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is higher than Week 49 (2.7%).
- Nine 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 50 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 (85%) and Influenza B (15%).

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%