

Influenza Situation Report

2017-2018 Seasonal Influenza Week 52

(Dec 24 2017 – Dec 30 2017)

Marion County Public Health Department, IN 2018-01-08

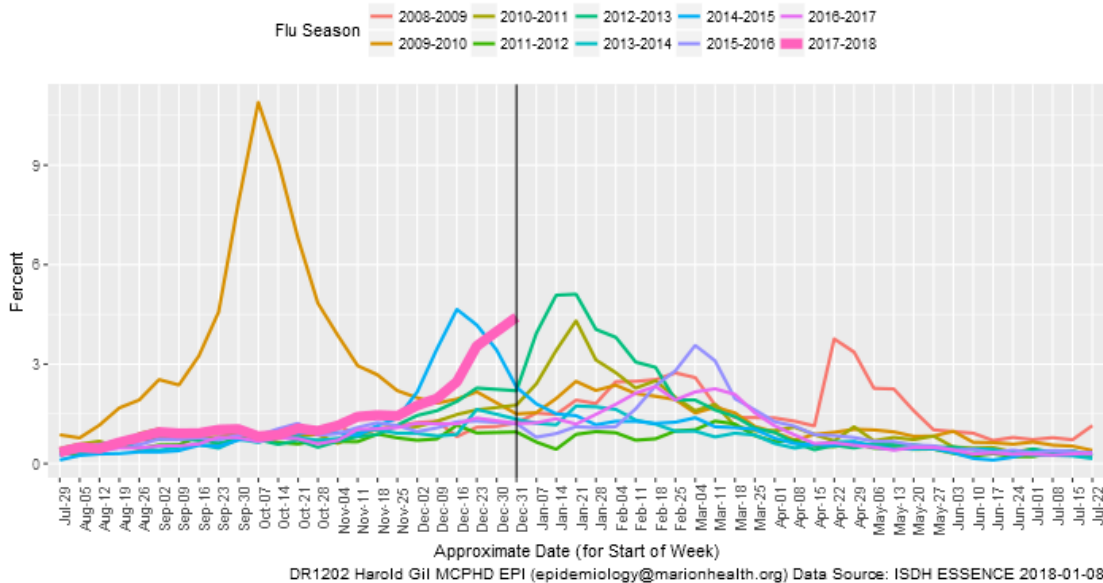
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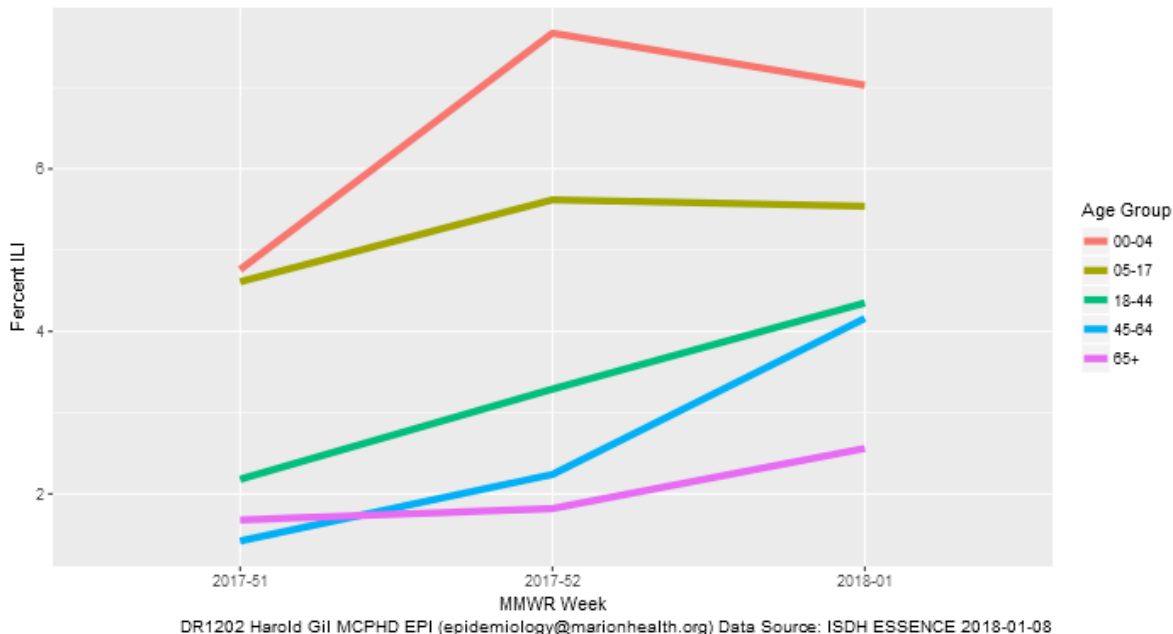
Updates on Most Recent Local Activity: Week 1 (Dec 31 – Jan 06)

- The percentage of ED visits last week (Week 1) that were related to ILI was 4.42%. 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, 7.03% were for ILI. ILI among ED visits by 5-17 year olds was next highest, at 5.54%.

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 52)

- The percentage of ILI related ED visits was 3.55% ("high").
- Children age 0-4 had the highest age-specific percent ILI (7.67%).

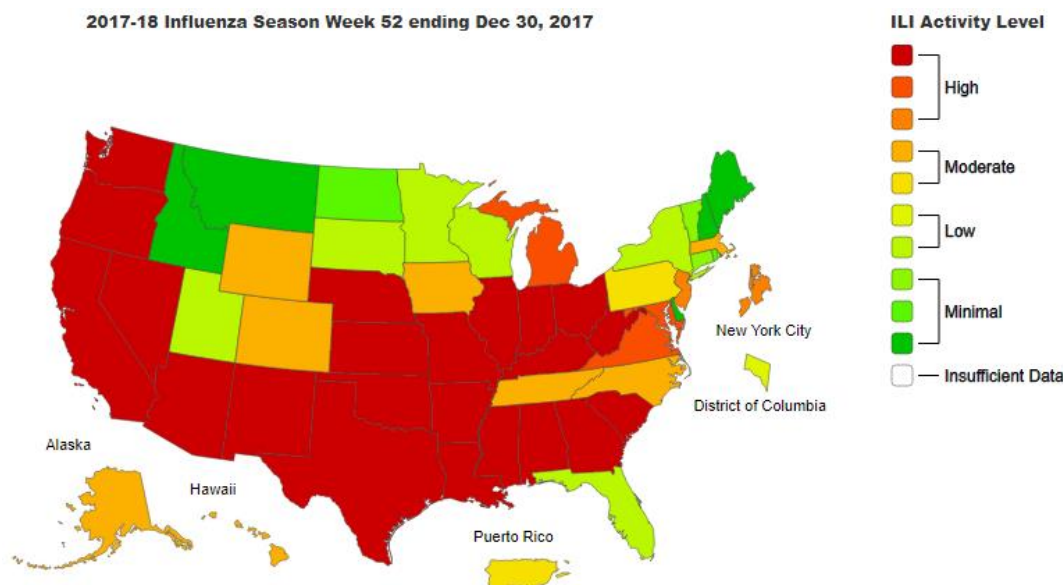
Indiana (Week 52)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2052-2017-2018.pdf>

- Indiana is experiencing widespread and high activity. For Week 52, ISDH reports 6.94% ILI at sentinel provider sites and 4.62% 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 25.
- For Week 52 and among samples tested at the state lab: 39 specimens tested positive for Influenza A/H3 seasonal virus, 10 specimen tested positive for A/H1N1pdm virus, and 13 specimen tested positive for Influenza B seasonal virus.

National (Week 52)

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



- During Week 52, influenza activity sharply increased in the United States, and the majority states were reporting high and widespread influenza activity. In addition, during Week 52, 5.8% of outpatient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to ILI. This is higher than Week 51 (5.0%).
- 13 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 52 was Influenza A. The percentage of respiratory specimens testing positive for influenza in clinical laboratories increased. The positive specimens by type were Influenza A (84.6%) and Influenza B (13.3%).

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