

Influenza Situation Report

2019-2020 Seasonal Influenza Week 46

(November 10 – November 16, 2019)

Marion County Public Health Department, IN 2019-11-25

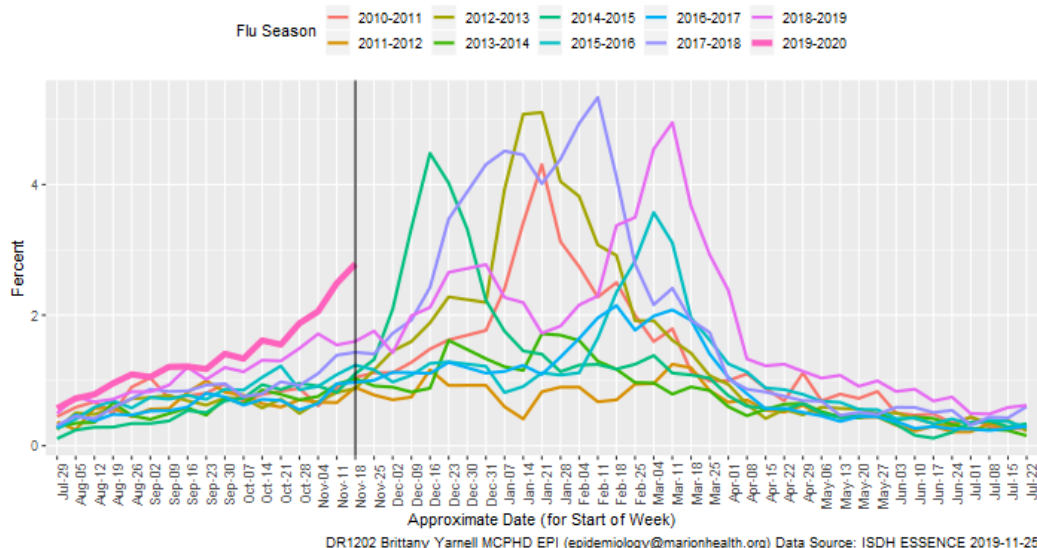
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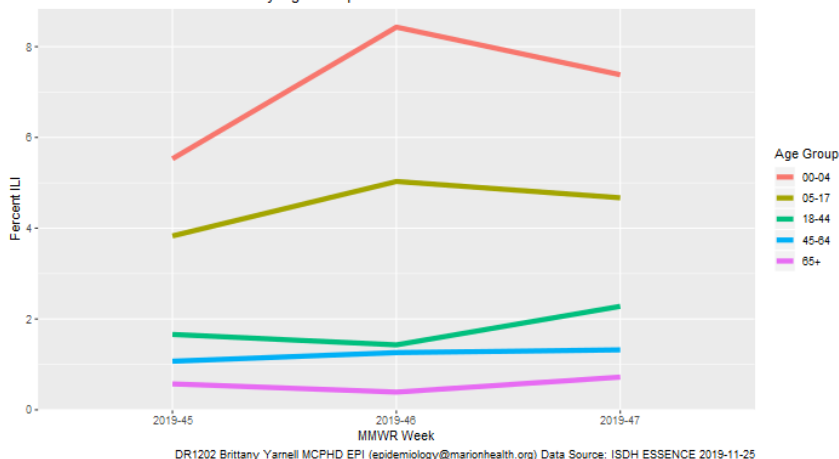
Updates on Most Recent Local Activity: Week 47 (November 17 – November 23)

- During Week 47, the percent of Marion County ED visits with ILI symptoms was similar to when visitor restrictions were implemented last season.
- For children under five years old, the percent of possible respiratory syncytial virus (RSV) visits was similar to two weeks ago (Week 46: 15.02%), while visits with a RSV diagnosis more than tripled from 0.64% in Week 46 to 2.07% in Week 47.
- Visits diagnosed with influenza continue to increase, and is six times higher than it was this same time in each of the prior three years. The percent of diagnoses is currently lower than previous seasons when we have implemented visitor restrictions for ILI.
- During Week 47, **2.79% of Marion County ED visits had ILI symptoms.**
- There have been **less than five influenza-associated deaths for Marion County residents** this flu season.
- In Marion County hospitals' ED population, ILI was **most common in the 0-4 age group.** Among ED visits by 0-4 year olds, 7.38% was for ILI. ILI among ED visits by 5-17 year olds was next highest, at 4.67%.

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.

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Local (Week 46)

- The percentage of ILI related ED visits was 2.49%.
- Children age 0-4 had the highest age-specific percent ILI (8.43%).

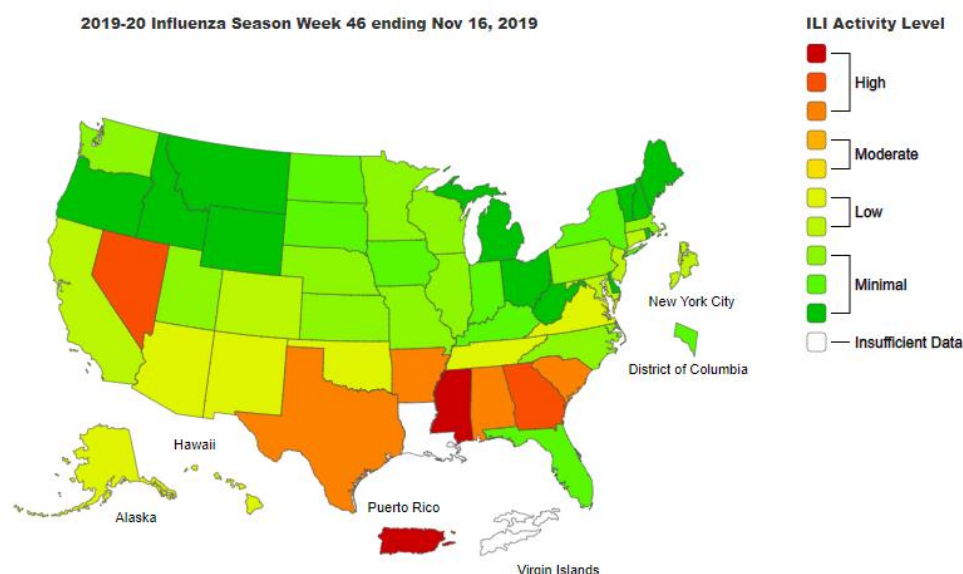
Indiana (Week 46)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2046-2019-2020.pdf>

- Indiana is experiencing **regional and minimal ILI activity**. For Week 46, ISDH reports 1.12% ILI at sentinel provider sites and 1.89% ILI ED visits. This is **a decrease for sentinel provider sites** (1.23% Week 45) and an **increase for ED visits** (1.77% Week 45).
- There have been **three influenza-associated deaths** this season
- During Week 46, **positive influenza tests were higher in ISDH Laboratories** compared to Week 45 (26.7% vs 6.7% respectively). Of the 15 specimens submitted: 3 specimen tested positive for 2009 A/H1N1pdm virus and 1 tested positive for B Victoria seasonal virus.

National (Week 46)

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



- During Week 46, influenza activity remained low in the United States, and the majority states were reporting **minimal and local influenza activity**. During **Week 46, 2.5% of outpatient visits were due to ILI** as reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet). This was **slightly higher than Week 45 (2.3%) and is above the national baseline of 2.4%**.
- **Four influenza-associated pediatric deaths** have been reported to CDC this flu season.
- During Week 46, **positive influenza tests were higher in clinical laboratories** compared to Week 44 (7.3% vs 3.2% respectively). **Influenza A had less positive respiratory specimens than influenza B** (26.3% vs. 73.7% respectively).
- During Week 46, **30.9% of specimens were positive at public health laboratories**. Of those, the top three subtypes/lineages were: **influenza B – Victoria lineage (44.0%), influenza A – (H1N1)pdm09 (22.4%), and influenza B – lineage not performed (18.7%)**.

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