

# Influenza Situation Report

## 2019-2020 Seasonal Influenza Week 44

### (October 27 – November 02, 2019)



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

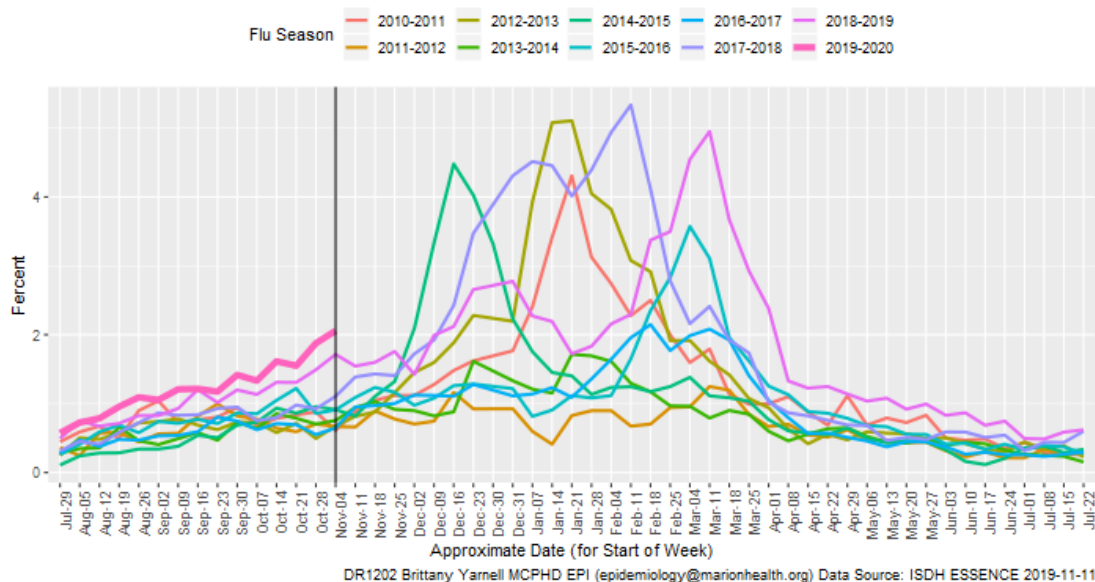
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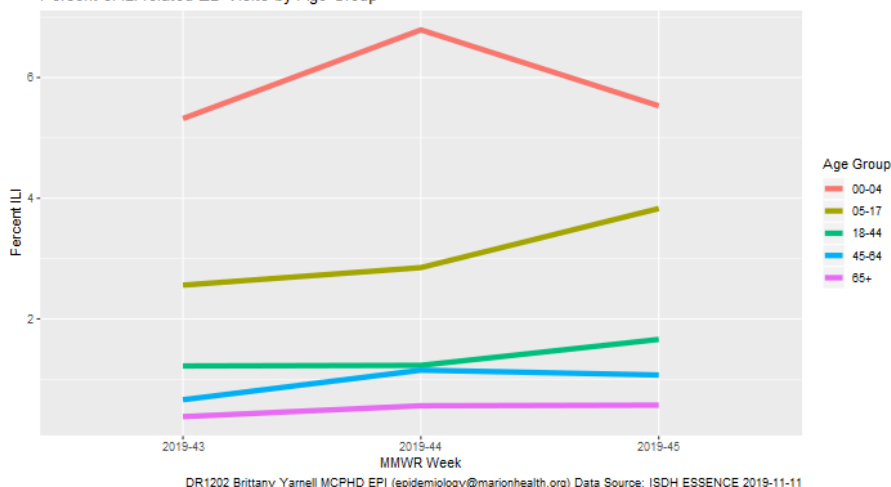
### Updates on Most Recent Local Activity: Week 45 (November 03 – November 09)

- This is the earliest non-pandemic year for the start of flu season, based on Influenza-like Illness (ILI) visits to Marion County emergency departments (ED).
- There was an increase in influenza diagnoses in Marion County EDs, and the majority of the visits were for those 25 – 54 years old.
- Most of the national clinical and public health laboratories positive specimens were for Influenza B.
- During Week 45, **2.06% 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, 5.53% was for ILI. ILI among ED visits by 5-17 year olds was next highest, at 3.83%.

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 44)

- The percentage of ILI related ED visits was 1.88%.
- Children age 0-4 had the highest age-specific percent ILI (6.79%).

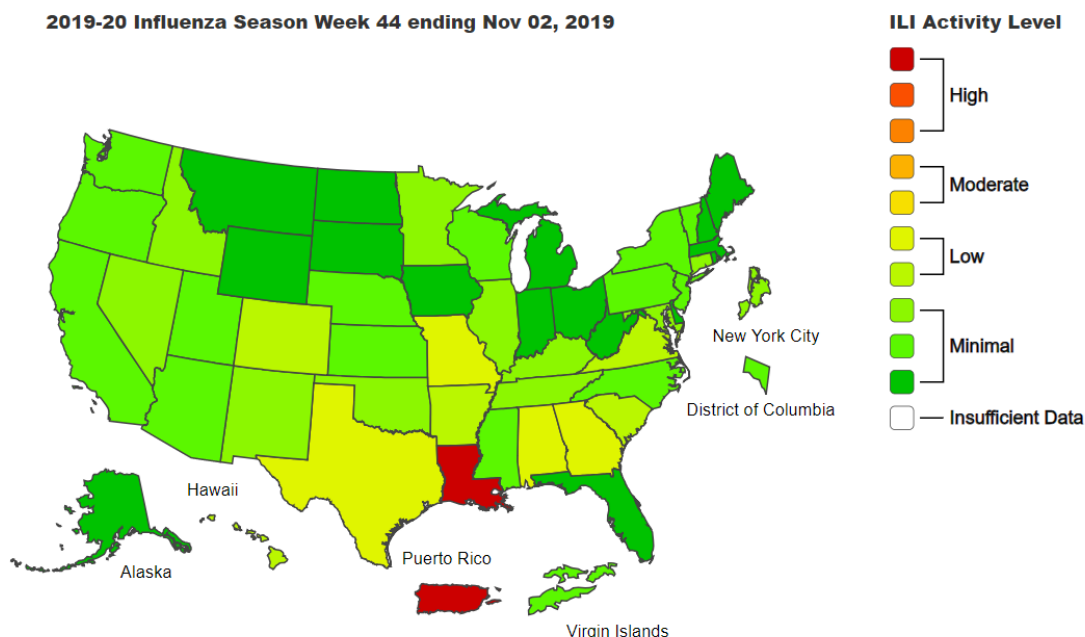
#### Indiana (Week 44)

[https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2044-2019-2020\\_v2.pdf](https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2044-2019-2020_v2.pdf)

- Indiana is experiencing **local and minimal ILI activity**. For Week 44, ISDH reports 1.23% ILI at sentinel provider sites and 1.77% ILI ED visits. **Sentinel provider sites and ED visits were similar to those in Week 43** (1.30% and 1.72% respectively).
- There have been **two influenza-associated deaths** this season
- Of the **5 specimens submitted, 2 (40%) tested positive at the state lab**. 2009 A/H1N1pdm virus and Influenza A/H3 seasonal virus each had 1 positive lab test.

#### National (Week 44)

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



- During Week 44, influenza activity remained low in the United States, and the majority states were reporting **minimal and sporadic influenza activity**. In addition, during **Week 44, 2.1% 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 43 (1.9%)**.
- **Two influenza-associated pediatric deaths** have been reported to CDC this flu season.
- During Week 44, **positive influenza tests were higher in clinical laboratories** compared to Week 43 (3.2% vs 2.4% respectively). **Influenza A had less positive respiratory specimens than influenza B** (24.6% vs. 75.4% respectively).
- During Week 44, **15.3% of specimens were positive at public health laboratories**. Of those, the top three subtypes/lineages were: **influenza B – Victoria lineage (32.5%), influenza A – H3N2 (26.5%), influenza A – (H1N1)pdm09 (18.8%)**.

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