

Influenza Situation Report

2018-2019 Seasonal Influenza Week 41

(October 06 – October 12, 2019)



Marion County Public Health Department, IN 2019-10-22

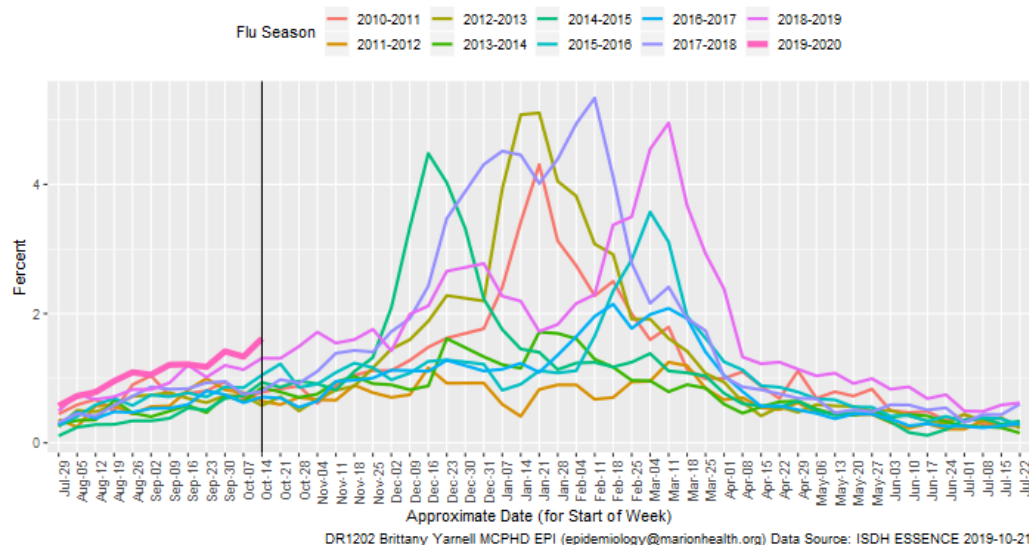
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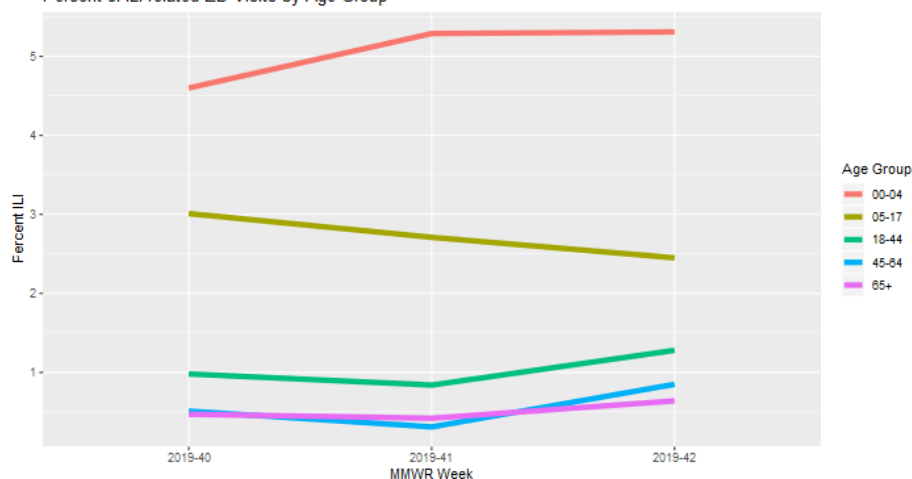
Updates on Most Recent Local Activity: Week 42 (October 13 – 19)

- Marion County emergency department (ED) visits for Influenza-like Illness (ILI) symptoms were slightly higher than we normally see this time of the year. Only 0.04% of all Marion Co. ED visits have been diagnosed with flu.
- We have had an influenza-associated death, and while it is unusual this early in the season, in the 2015/2016 season we also had a flu death in October. Most seasons have their first flu deaths between December and February.
- During Week 42, **1.61% 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, 5.31% was for ILI. ILI among ED visits by 5-17 year olds was next highest, at 2.45%.

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 41)

- The percentage of ILI related ED visits was 1.33%.
- Children age 0-4 had the highest age-specific percent ILI (5.29%).

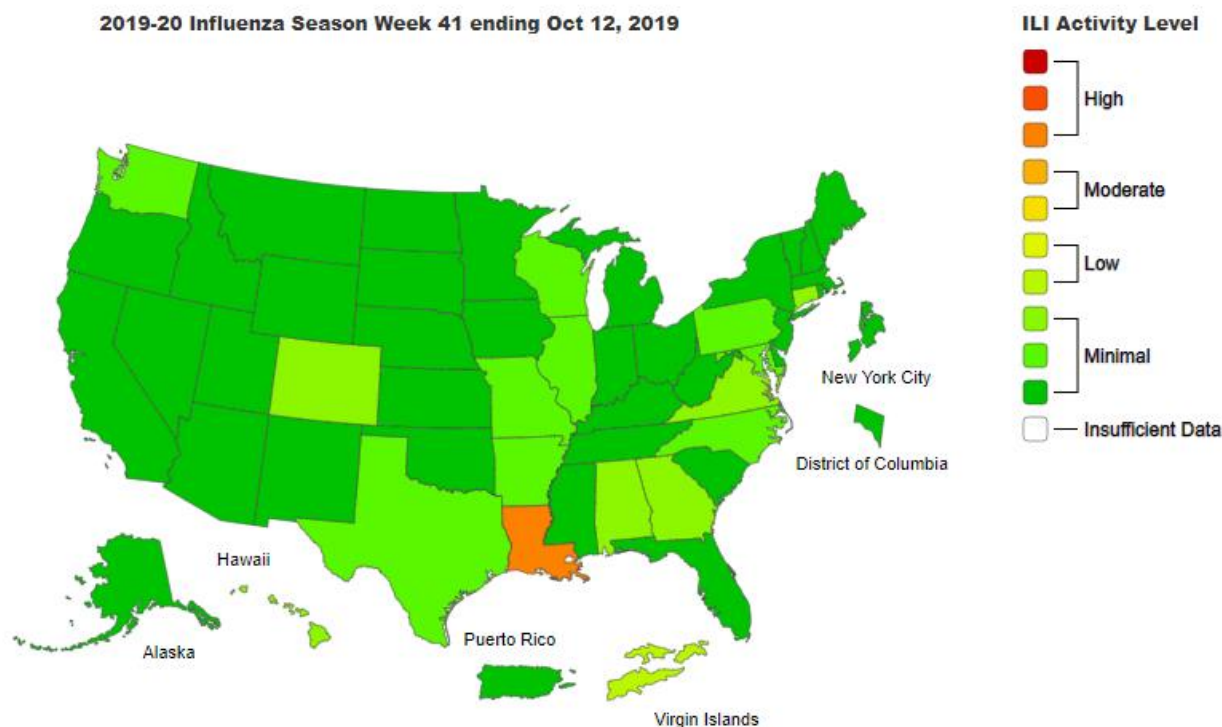
Indiana (Week 41)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2041-2019-2020.pdf>

- Indiana is experiencing **sporadic and minimal ILI activity**. For Week 41, ISDH reports 0.81% ILI at sentinel provider sites and 1.45% ILI ED visits. This is a **decrease for sentinel providers sites** (1.02% week 40) and an **increase for ILI ED visits** (1.29% week 40).
- There were no positive samples tested at the state lab for Week 41.

National (Week 41)

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



- During Week 41, influenza activity remained low in the United States, and the majority states were reporting **minimal and sporadic influenza activity**. In addition, during **Week 41, 1.5% of outpatient visits were due to ILI** as reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet). This was **nearly the same as Week 40 (1.4%)**.
- **Zero influenza-associated pediatric deaths** have been reported to CDC this flu season.
- During Week 41, **positive influenza tests slightly increased in clinical laboratories** compared to week 40 (3.4% vs. 3.1% respectively). **Influenza A had less positive respiratory specimens than influenza B** (26.2% vs. 73.8% respectively).
- During week 41, **16% of specimens were positive at public health laboratories**. Of those, the top three subtypes/lineages were: **influenza A - H3N2 (44%), influenza B – Victoria lineage (16%), and influenza A – (H1N1)pdm09 (14%)**.

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