

Influenza Situation Report

2019-2020 Seasonal Influenza Week 45

(November 03 – November 09, 2019)



Marion County Public Health Department, IN 2019-11-18

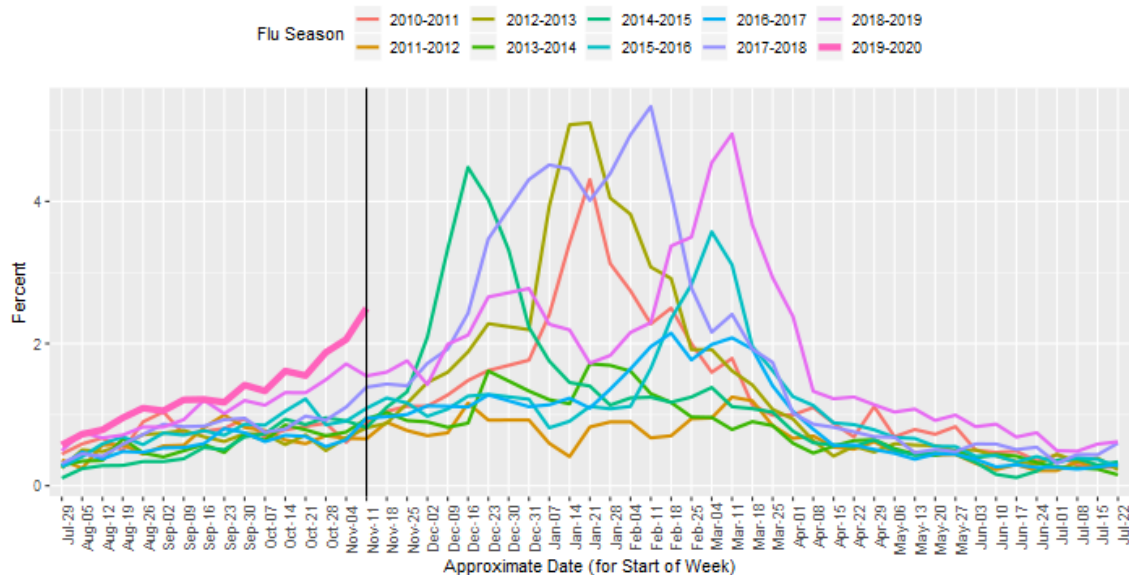
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Updates on Most Recent Local Activity: Week 46 (November 10 – November 16)

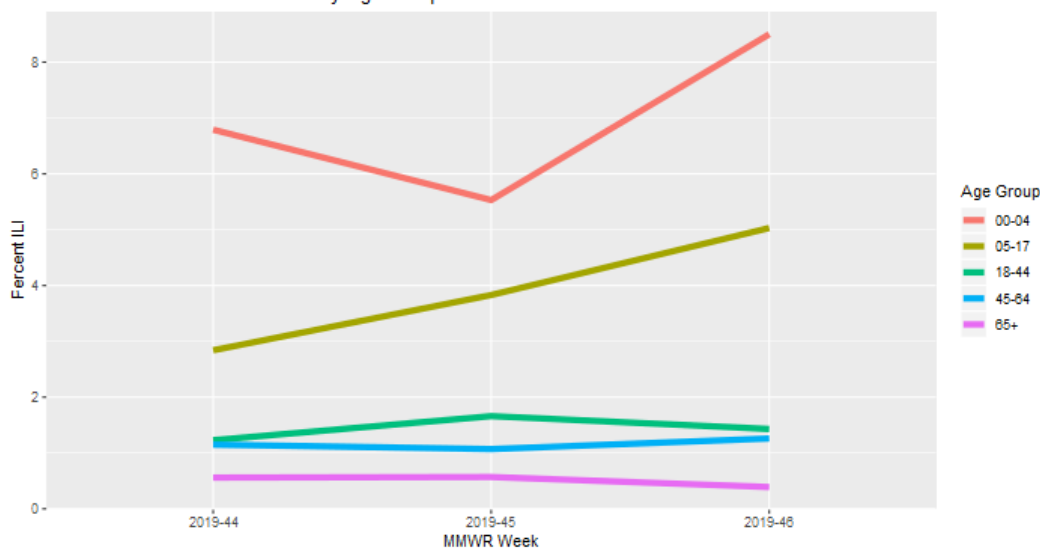
- Both ILI and possible respiratory syncytial virus visits have been increasing in Marion County EDs, with those 0-4 years old as the most impacted age group. Emergency department visits diagnosed with influenza continue to slowly increase.
- During Week 46, **2.50% of Marion County ED visits had ILI 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, 8.50% was for ILI. ILI among ED visits by 5-17 year olds was next highest, at 5.03%.

Percent of ILI related ED Visits



DR1202 Brittany Yarnell MCPHD EPI (epidemiology@marionhealth.org) Data Source: ISDH ESSENCE 2019-11-18

Percent of ILI related ED Visits by Age Group



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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 45)

- The percentage of ILI related ED visits was 2.06%.
- Children age 0-4 had the highest age-specific percent ILI (5.53%).

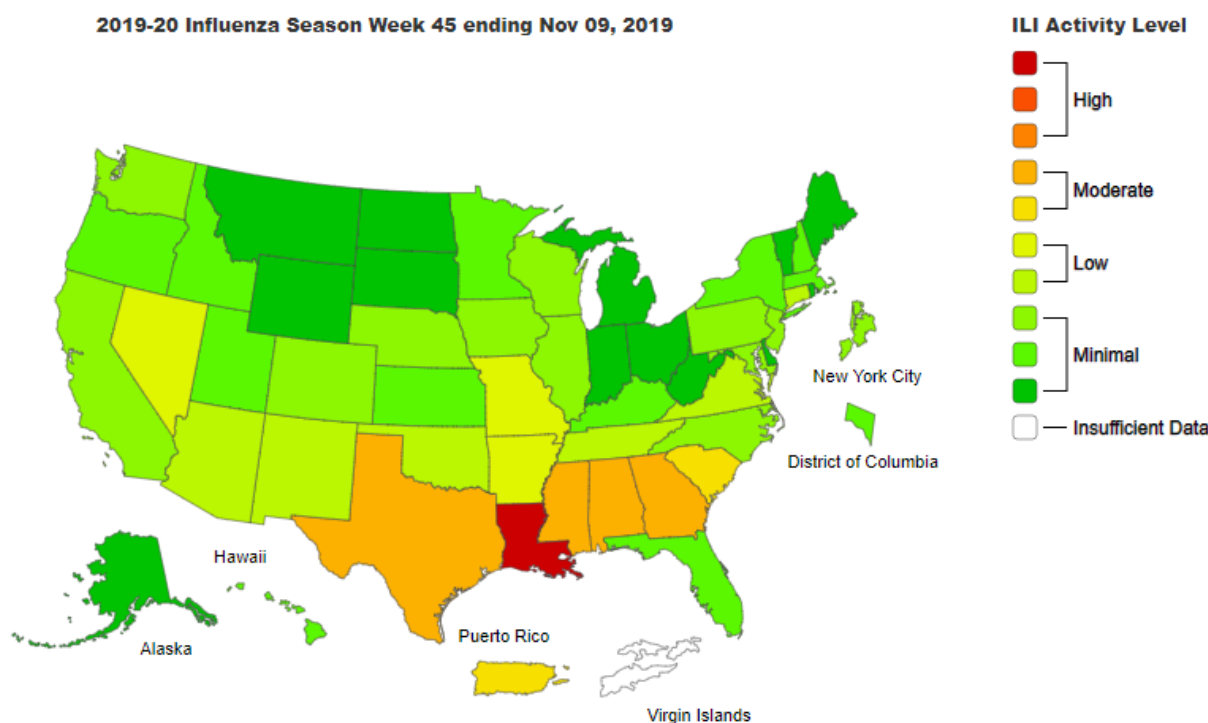
Indiana (Week 45)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2045-2019-2020.pdf>

- Indiana is experiencing **regional and minimal ILI activity**. For Week 45, 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 44) and an **increase for ED visits** (1.77% Week 44).
- There have been **three influenza-associated deaths** this season
- Of the **15 specimens submitted, 1 (6.7%) tested positive at the state lab**. 2009 A/H1N1pdm virus was the only positive lab.

National (Week 45)

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



- During Week 45, influenza activity remained low in the United States, and the majority states were reporting **minimal and sporadic or local influenza activity**. In addition, during **Week 45, 2.3% 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 44 (2.1%)**.
- **Three influenza-associated pediatric deaths** have been reported to CDC this flu season.
- Due to clinical difficulties there, data from clinical laboratories was not available for Week 45.
- During Week 45, **21.1% of specimens were positive at public health laboratories**. Of those, the top three subtypes/lineages were: **influenza B – Victoria lineage (37.1%), influenza A – (H1N1)pdm09 (22.5%), and influenza B – lineage not performed (19.1%)**.

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.