

Influenza Situation Report

2019-2020 Seasonal Influenza Week 47

(November 17 – November 23, 2019)



Marion County Public Health Department, IN 2019-12-03

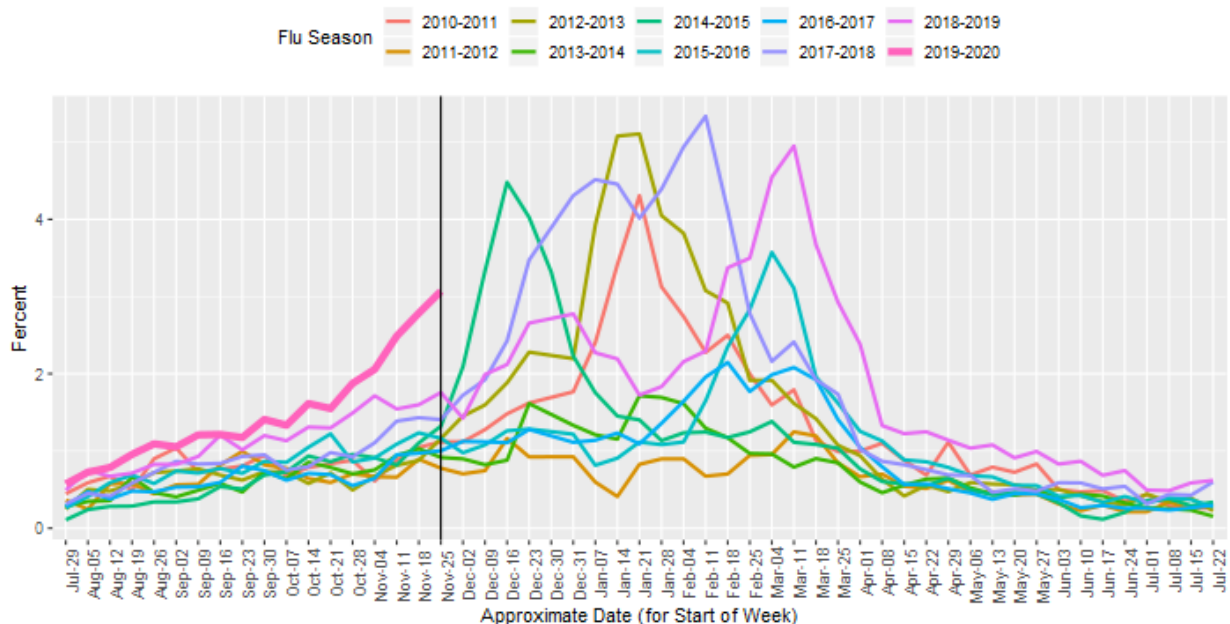
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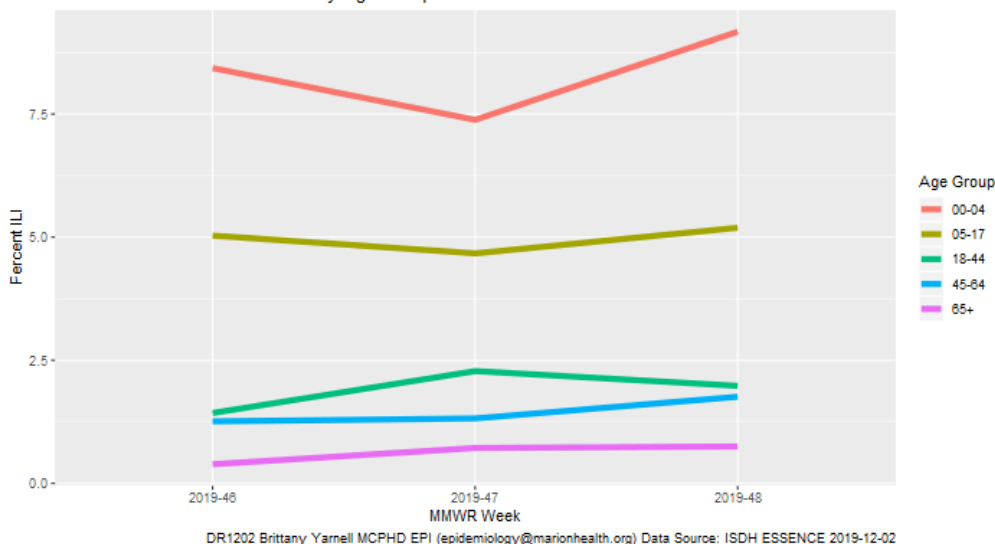
Updates on Most Recent Local Activity: Week 48 (November 24 – November 30)

- Influenza-like Illness (ILI) visits and patients diagnosed with respiratory syncytial virus continued to increase in Marion County EDs.
- During Week 48, **3.07% 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, 9.17% was for ILI. ILI among ED visits by 5-17 year olds was next highest, at 5.19%.

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 47)

- The percentage of ILI related ED visits was 2.79%.
- Children age 0-4 had the highest age-specific percent ILI (7.38%).

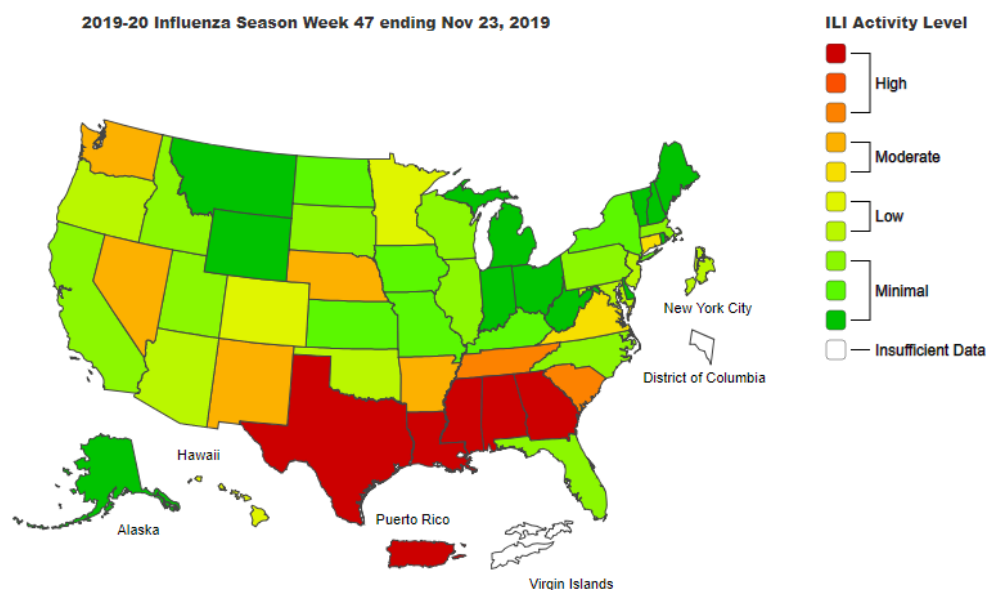
Indiana (Week 47)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2047-2019-2020.pdf>

- Indiana is experiencing **regional and minimal ILI activity**. For Week 47, ISDH reports 1.17% ILI at sentinel provider sites and 2.13% ILI ED visits. This is **an increase for sentinel provider sites** (1.12% Week 46) and **ED visits** (1.89% Week 46).
- There have been **three influenza-associated deaths** this season
- During Week 47, **less influenza specimens were submitted and positive influenza tests were higher in ISDH Laboratories** compared to Week 46 (44.4% vs 26.7% respectively). Of the nine positive influenza specimens submitted: two were for 2009 A/H1N1pdm virus, one was a B Victoria seasonal virus, and one was a B virus with genotype pending.

National (Week 47)

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



- During Week 47, influenza activity remained low in the United States, and the majority states were reporting **minimal and local influenza activity**. During **Week 47, 2.9% of outpatient visits were due to ILI** as reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet). This was **higher than Week 46 (2.5%)**.
- **Five influenza-associated pediatric deaths** have been reported to CDC this flu season.
- During Week 47, **positive influenza tests were higher in clinical laboratories** compared to Week 46 (8.0% vs 7.3% respectively). **Influenza A had less positive respiratory specimens than influenza B** (29.6% vs. 70.4% respectively).
- During Week 47, **34.5% of specimens were positive at public health laboratories**. Of those, the top three subtypes/lineages were: **influenza B – Victoria lineage (40.5%)**, **influenza A – (H1N1)pdm09 (26.7%)**, and **influenza B – lineage not performed (19.4%)**.

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