

Influenza Situation Report

2019-2020 Seasonal Influenza Week 48

(November 24 – November 30, 2019)



Marion County Public Health Department, IN 2019-12-09

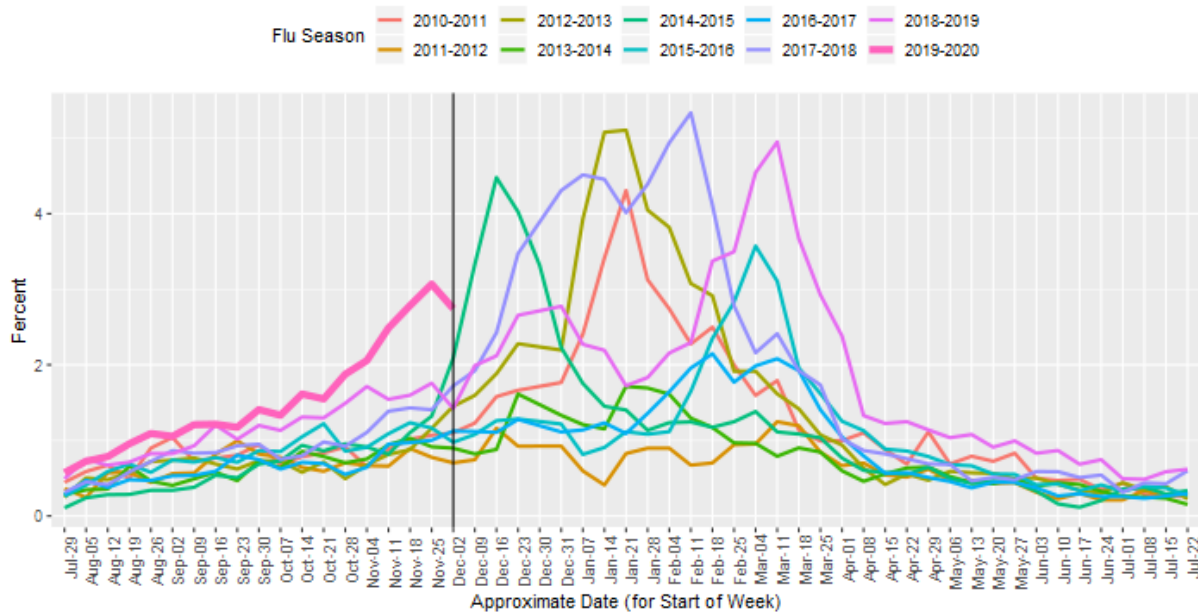
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Updates on Most Recent Local Activity: Week 49 (December 01 – December 07)

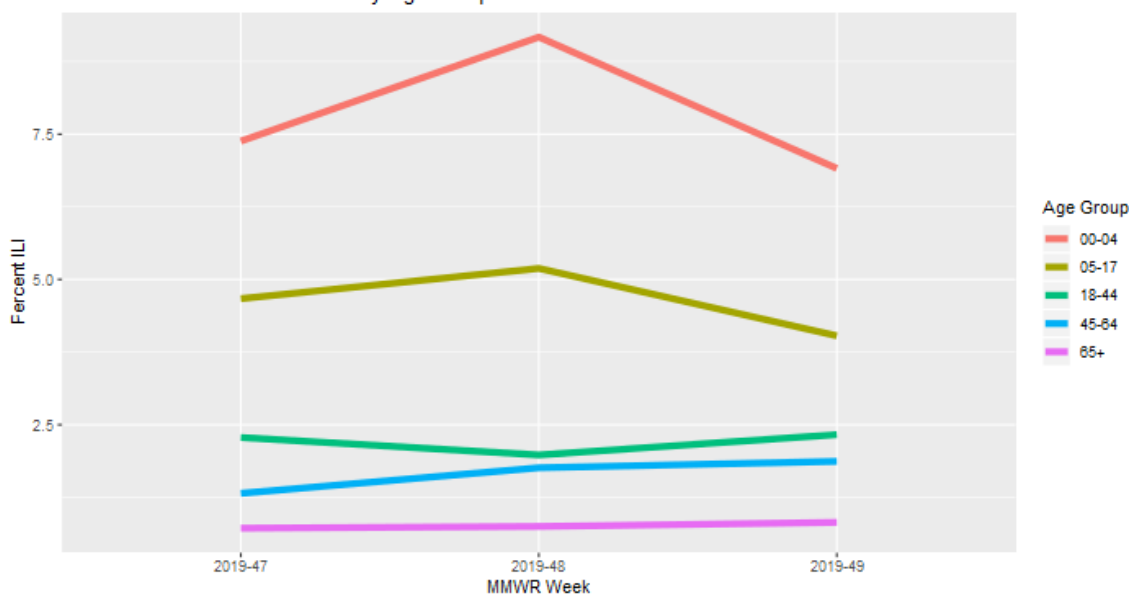
- During Week 49, **2.74% of Marion County ED visits had ILI symptoms.**
- There have been **less than five influenza-associated deaths for Marion County residents** this flu season.
- In Marion County hospitals' ED population, ILI was **most common in the 0-4 age group.** Among ED visits by 0-4 year olds, 6.91% was for ILI. ILI among ED visits by 5-17 year olds was next highest, at 4.03%.

Percent of ILI related ED Visits



DR1202 Brittany Yarnell MCPHD EPI (epidemiology@marionhealth.org) Data Source: ISDH ESSENCE 2019-12-09

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 48)

- The percentage of ILI related ED visits was 3.07%.
- Children age 0-4 had the highest age-specific percent ILI (9.17%).

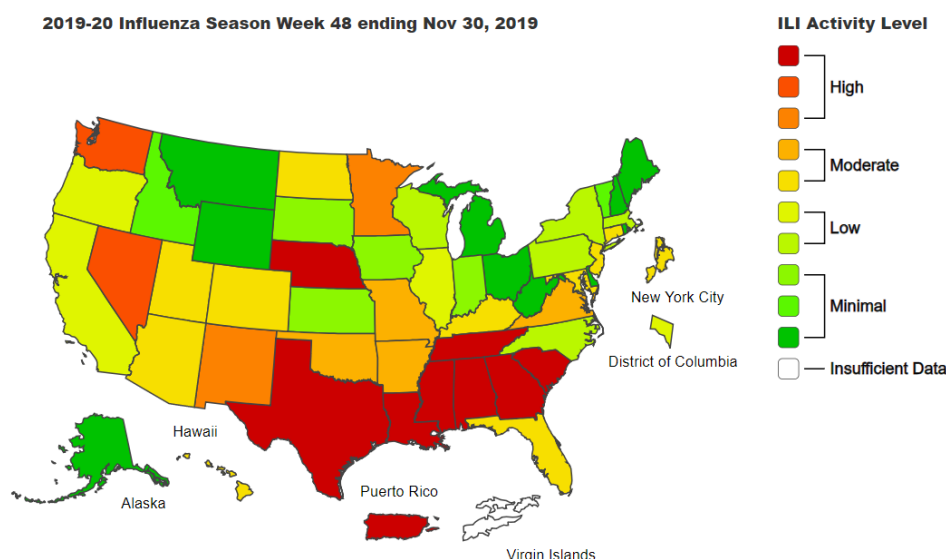
Indiana (Week 48)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2048-2019-2020.pdf>

- Indiana is experiencing **widespread and minimal ILI activity**. For Week 48, ISDH reports 2.20% ILI at sentinel provider sites and 2.41% ILI ED visits. This is **an increase for sentinel provider sites** (1.17% Week 47) and **ED visits** (2.13% Week 47).
- There have been **three influenza-associated deaths** this season
- **The percent positivity of influenza specimens tested in ISDH Laboratories decreased** (Week 48: 35.7% vs Week 47: 44.4%). Of the five positive influenza specimens submitted: four were for 2009 A/H1N1pdm virus and one was B Yamagata seasonal virus.

National (Week 48)

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



- **Influenza activity continued to in reporting jurisdictions**, with over half of the jurisdictions experiencing moderate to high ILI increase activity. Minimal ILI activity was still reported in 30% of the jurisdictions and geographic spread was local to widespread for influenza activity.
- During **Week 48, 3.5% 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 47 (2.9%)**.
- **Six influenza-associated pediatric deaths** have been reported to CDC this flu season.
- During Week 48, **positive influenza tests were higher in clinical laboratories** compared to Week 47 (10.2% vs 8.0% respectively). **Influenza A had less positive respiratory specimens than influenza B** (28.9% vs. 71.1% respectively).
- During Week 48, **47.0% of specimens were positive at public health laboratories**. Of those, the top three subtypes/lineages were: **influenza B – Victoria lineage (42.6%)**, **influenza A – (H1N1)pdm09 (26.5%)**, and **influenza B – lineage not performed (18.3%)**.

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