

Influenza Situation Report

2019-2020 Seasonal Influenza Week 49

(December 01 – December 07, 2019)



Marion County Public Health Department, IN 2019-12-16

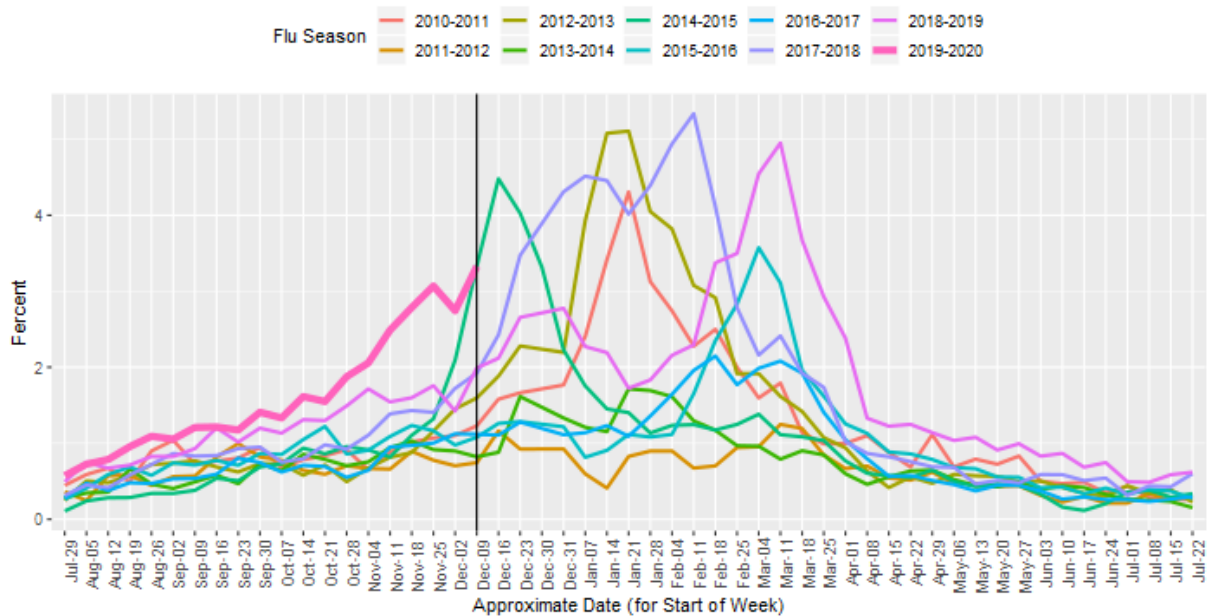
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Updates on Most Recent Local Activity: Week 50 (December 08 – December 14)

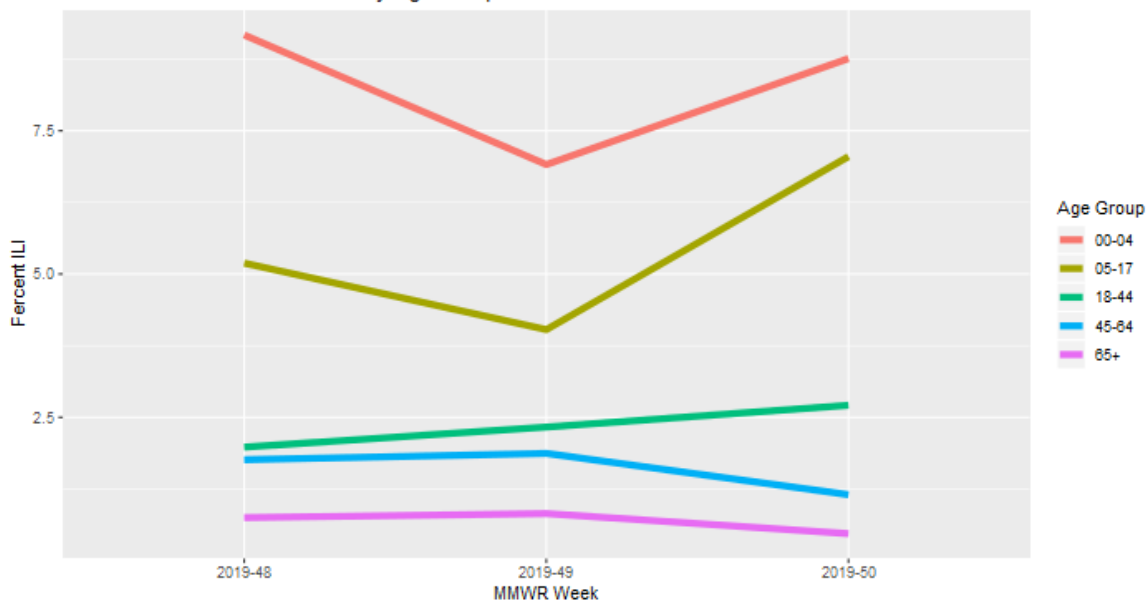
- During Week 50, **3.33% of Marion County ED visits had ILI symptoms.**
- There have been **less than five influenza-associated deaths** for Marion County residents this flu season.
- In Marion County hospitals' ED population, ILI was **most common in the 0-4 age group.** Among ED visits by 0-4 year olds, 8.76% was for ILI. ILI among ED visits by 5-17 year olds was next highest, at 7.05%.

Percent of ILI related ED Visits



DR1202 Brittany Yarnell MCPHD EPI (epidemiology@marionhealth.org) Data Source: ISDH ESSENCE 2019-12-16

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 49)

- The percentage of ILI related ED visits was 2.74%.
- Children age 0-4 had the highest age-specific percent ILI (6.91%).

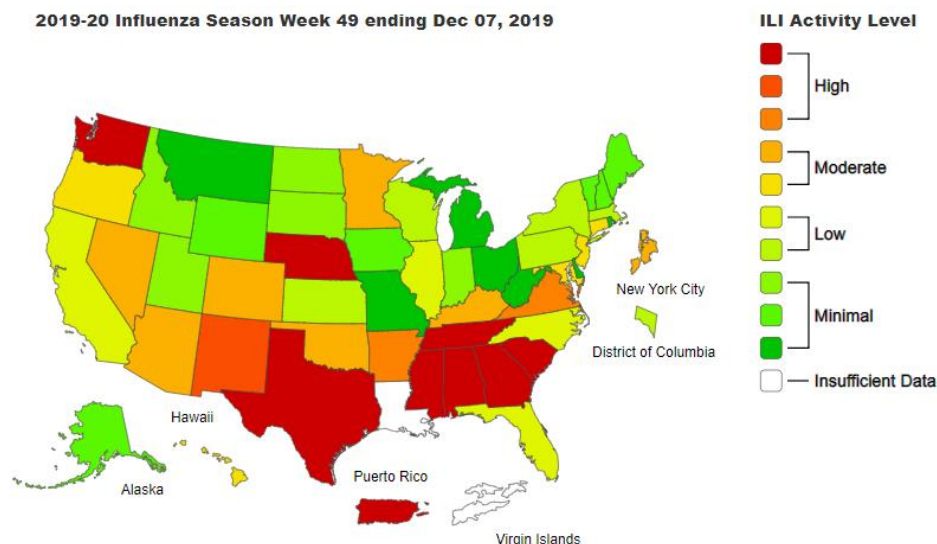
Indiana (Week 49)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2049-2019-2020.pdf>

- Indiana is experiencing **widespread and minimal ILI activity**. For Week 49, ISDH reported 2.68% ILI at sentinel provider sites and 2.43% ILI ED and urgent care visits. This was **an increase for sentinel provider sites** (2.20% Week 48) and **ED and urgent care visits** (2.41% Week 48).
- There have been **three influenza-associated deaths** this season
- **The percent positivity of influenza specimens tested in ISDH Laboratories increased** (Week 49: 59.1% vs Week 48: 35.7%). Of the 13 positive influenza specimens submitted: nine were for influenza 2009 A/H1N1pdm virus, two influenza B Victoria seasonal virus, one influenza A/H3 seasonal virus, and one influenza A unsubtypeable.

National (Week 49)

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



- **Influenza activity continued to increase in reporting jurisdictions**, with just under half of reporting jurisdictions experiencing moderate to high ILI activity and the geographic spread was widespread for influenza activity.
- **Outpatient visits due to ILI was at 3.2%**, as reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet). This was lower **than Week 48 (3.5%)**.
- **Ten influenza-associated pediatric deaths** have been reported to CDC this flu season.
- During Week 49, **positive influenza tests were higher in clinical laboratories** compared to Week 48 (11.3% vs 10.2% respectively). **Influenza A had less positive respiratory specimens than influenza B** (31.5% vs. 68.5% respectively).
- During Week 49, **41.8% of specimens were positive at public health laboratories**. Of those, the top three subtypes/lineages were: **influenza B – Victoria lineage (36.8%)**, **influenza A – (H1N1)pdm09 (35.0%)**, and **influenza B – lineage not performed (17.4%)**.

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