

Influenza Situation Report

2019-2020 Seasonal Influenza Week 52

(December 22 – December 28, 2019)



Marion County Public Health Department, IN 2020-01-06

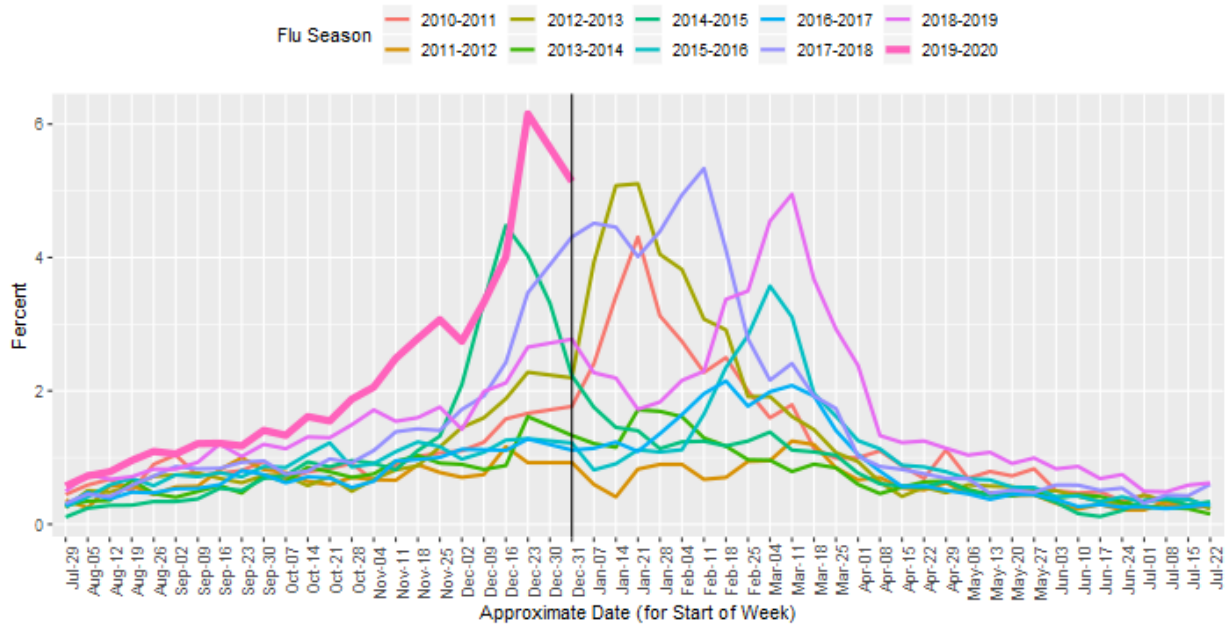
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Updates on Most Recent Local Activity: Week 01 (December 29 – January 04)

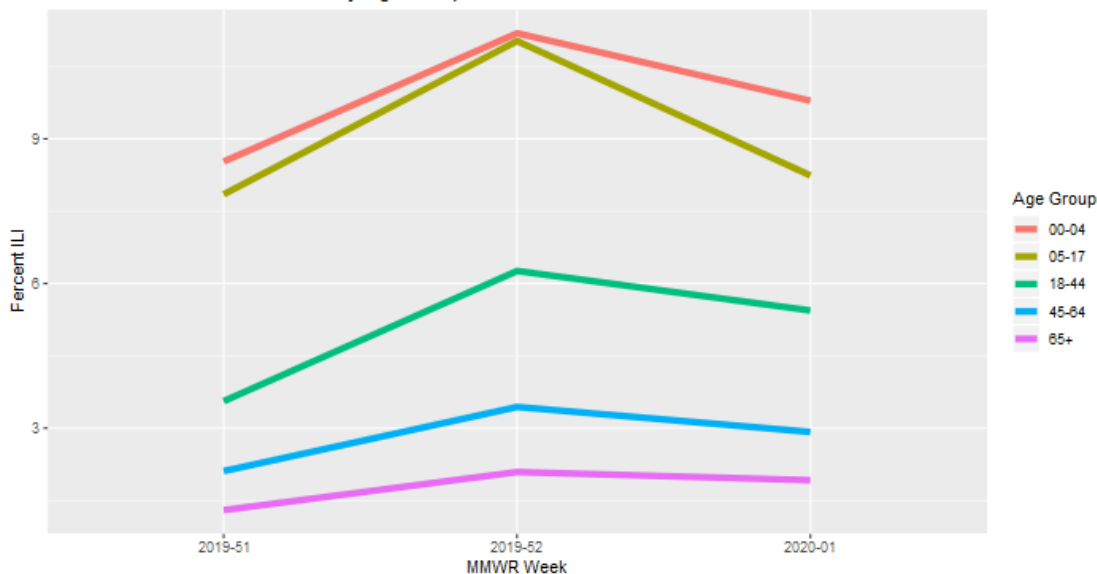
- During Week 01, **5.14% of Marion County ED visits had ILI symptoms.**
- There have been **five influenza-associated deaths for Marion County residents** this flu season.
- In Marion County hospitals' ED population, ILI was **most common in the 0-4 age group.** Among ED visits by 0-4 year olds, 9.79% was for ILI. ILI among ED visits by 5-17 year olds was next highest, at 8.24%.

Percent of ILI related ED Visits



DR1202 Brittany Yarnell MCPHD EPI (epidemiology@marionhealth.org) Data Source: ISDH ESSENCE 2020-01-05

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 52)

- The percentage of ILI related ED visits was 6.15%.
- Children age 0-4 had the highest age-specific percent ILI (11.19%).

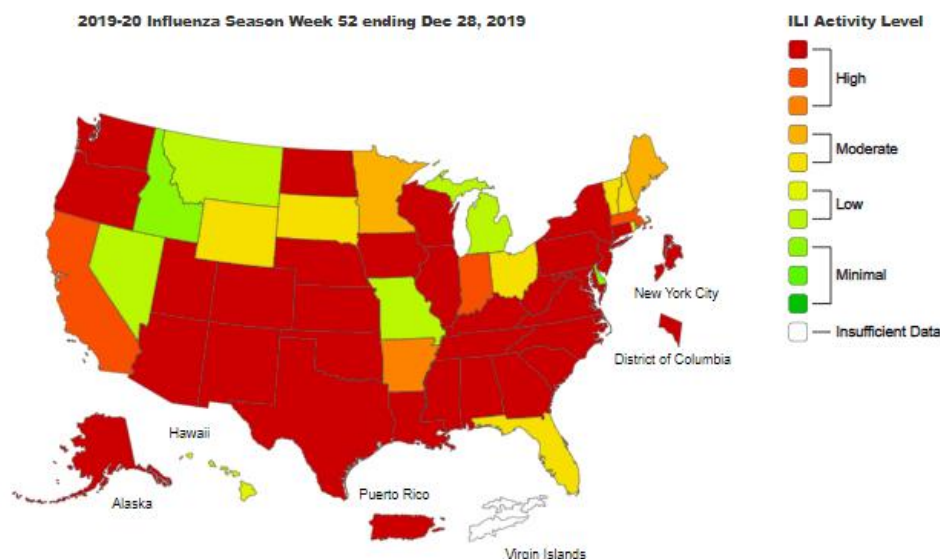
Indiana (Week 52)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%2052-2019-2020.pdf>

- Indiana is experiencing **widespread and high ILI activity**. For Week 52, ISDH reported 6.82% ILI at sentinel provider sites and 5.19% ILI ED and urgent care visits. This was **an increase for sentinel provider sites** (3.58% Week 51) and **ED and urgent care visits** (3.39% Week 51).
- There have been **nine influenza-associated deaths** this season
- **The percent positivity of influenza specimens tested in ISDH Laboratories increased** (Week 52: 98.0% vs Week 51: 89.5%). Of the 54 positive influenza specimens submitted: 32 were for influenza 2009 A/H1N1pdm virus and 22 influenza B Victoria seasonal virus.

National (Week 52)

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



- **Influenza activity continued to increase in reporting jurisdictions.** The majority of jurisdictions had high and widespread influenza activity.
- **Outpatient visits due to ILI was at 6.9%**, as reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet). This was higher **than Week 51 (5.1%)**.
- **Twenty-seven influenza-associated pediatric deaths** have been reported to CDC this flu season.
- During Week 52, **positive influenza tests were higher in clinical laboratories** compared to Week 51 (26.3% vs 22.1% respectively). **Influenza A had less positive respiratory specimens than influenza B** (32.1% vs. 67.9% respectively).
- During Week 52, **72.4% of specimens were positive at public health laboratories**. Of those, the top three subtypes/lineages were: **influenza B – Victoria lineage (46.8%)**, **influenza A – (H1N1)pdm09 (33.0%)**, and **influenza B – lineage not performed (12.6%)**.

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.