

Influenza Situation Report

2019-2020 Seasonal Influenza Week 04

(January 19 – January 25, 2020)

Marion County Public Health Department, IN 2020-02-03

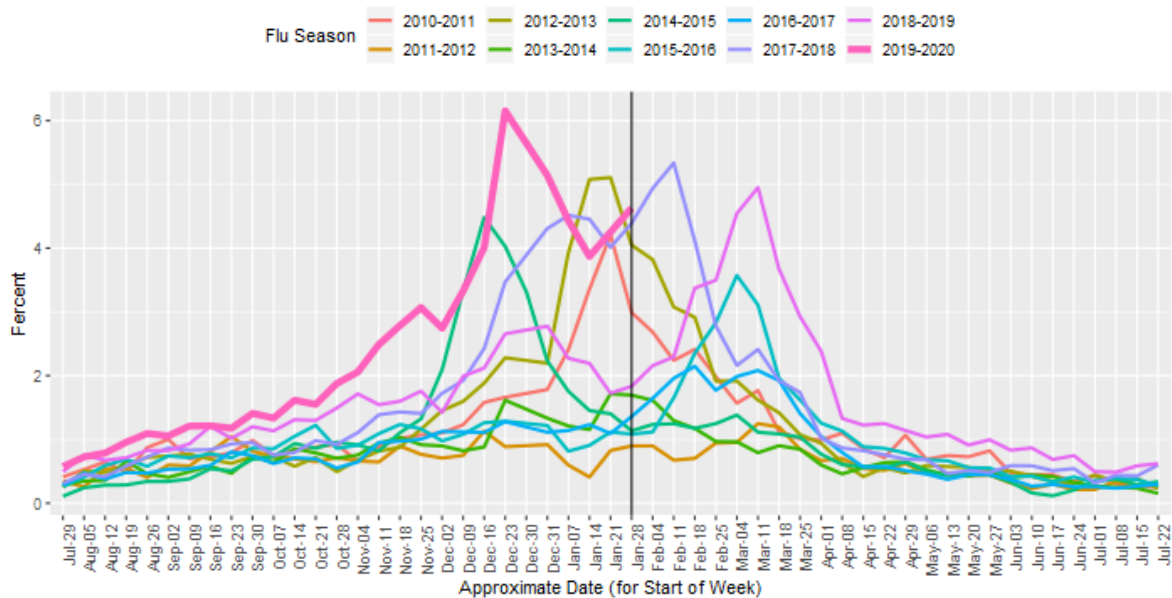
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Updates on Most Recent Local Activity: Week 05 (January 26 – February 01)

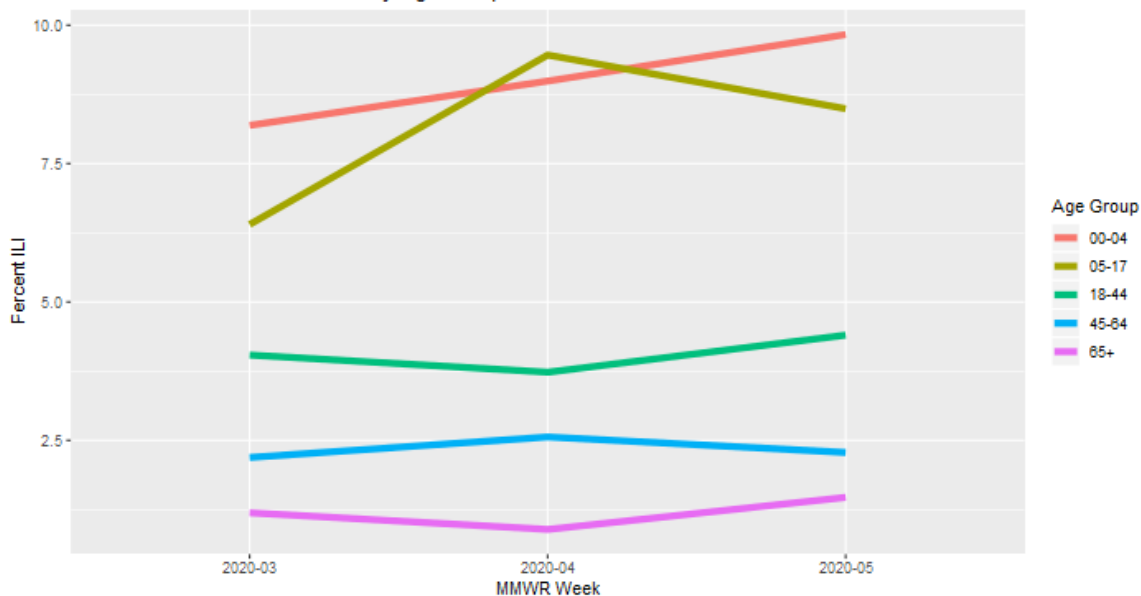
- During Week 05, **4.63% of Marion County ED visits had ILI symptoms.**
- There have been **ten influenza-associated deaths for Marion County residents** this flu season.
- In Marion County hospitals' ED population, ILI was **most common in the 0-4 age group.** Among ED visits by 0-4 year olds, 9.83% was for ILI. ILI among ED visits by 5-17 year olds was next highest, at 8.49%.

Percent of ILI related ED Visits



DR1202 Brittany Yarnell MCPHD EPI (epidemiology@marionhealth.org) Data Source: ISDH ESSENCE 2020-02-02

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 04)

- The percentage of ILI related ED visits was 4.25%.
- Children age 5-17 had the highest age-specific percent ILI (9.46%).

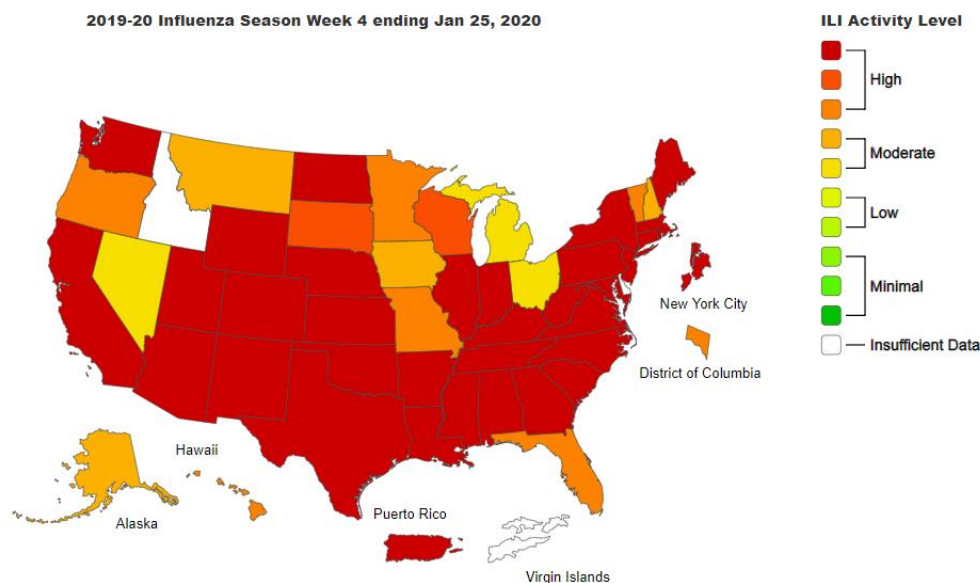
Indiana (Week 04)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%204-2019-2020.pdf>

- Indiana is experiencing **widespread and high ILI activity**. For Week 04, ISDH reported 5.23% ILI at sentinel provider sites and 4.23% ILI ED and urgent care visits. This was **an increase for sentinel provider sites** (3.12% Week 03) and **ED and urgent care visits** (3.71% Week 03).
- There have been **45 influenza-associated deaths** this season
- **The percent positivity of influenza specimens tested in ISDH Laboratories decreased** (Week 04: 71.1% vs Week 03: 71.1%). Of the 55 positive influenza specimens submitted: 39 influenza B Victoria seasonal virus and 16 were for influenza 2009 A/H1N1pdm virus.

National (Week 04)

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



- **Influenza activity increased slightly and remained high in reporting jurisdictions.** The majority of jurisdictions had high and widespread influenza activity.
- **Outpatient visits due to ILI was at 5.7%**, as reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet). This was **higher than Week 03 (5.1%)**.
- **Sixty-eight influenza-associated pediatric deaths** have been reported to CDC this flu season.
- During Week 04, **positive influenza tests were higher in clinical laboratories** compared to Week 03 (27.7% vs 25.6% respectively). **Influenza A and B had a similar amount of positive respiratory specimens** (49.8% vs. 50.2% respectively).
- During Week 04, **62.7% of specimens were positive at public health laboratories**. Of those, the top three subtypes/lineages were: **influenza A – (H1N1)pdm09 (51.8%), influenza B – Victoria lineage (31.6%), 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.