

Influenza Situation Report

2019-2020 Seasonal Influenza Week 01 (December 29 – January 04, 2020)



Marion County Public Health Department, IN 2020-01-13

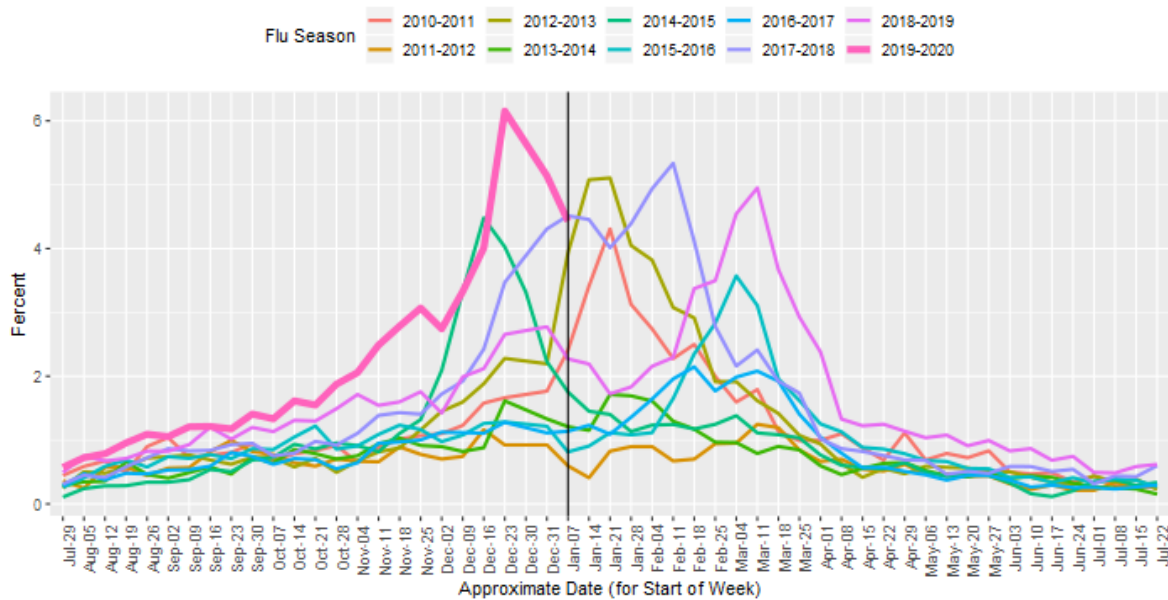
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Updates on Most Recent Local Activity: Week 02 (January 05 – January 11)

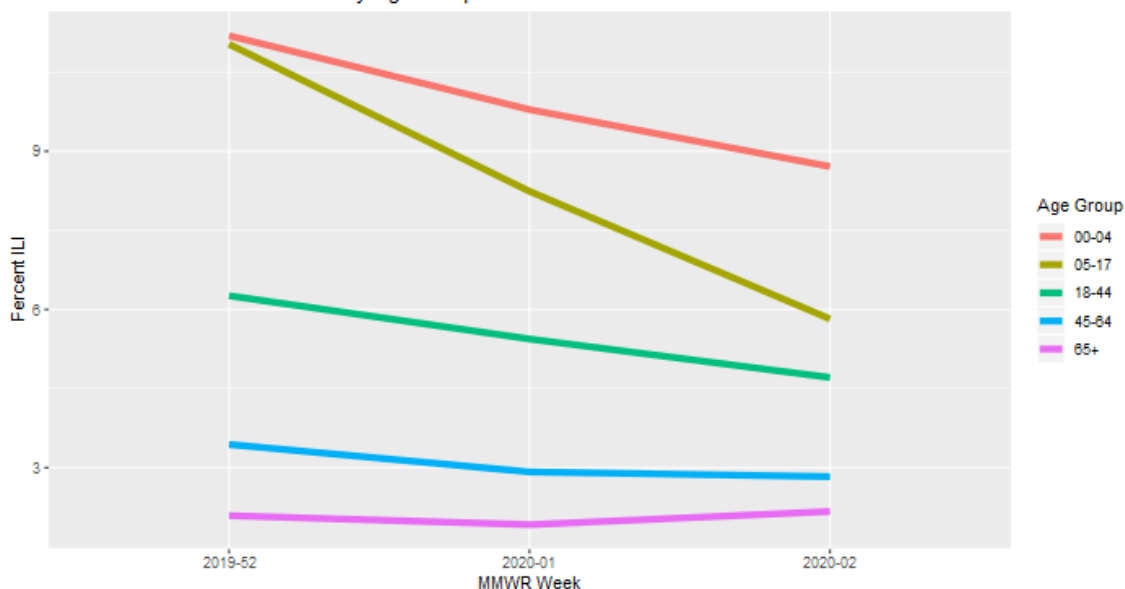
- During Week 02, **4.43% of Marion County ED visits had ILI symptoms.**
- There have been **eight influenza-associated deaths for Marion County residents** this flu season.
- In Marion County hospitals' ED population, ILI was **most common in the 0-4 age group.** Among ED visits by 0-4 year olds, 8.71% was for ILI. ILI among ED visits by 5-17 year olds was next highest, at 5.82%.

Percent of ILI related ED Visits



DR1202 Brittany Yarnell MCPHD EPI (epidemiology@marionhealth.org) Data Source: ISDH ESSENCE 2020-01-13

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 01)

- The percentage of ILI related ED visits was 5.14%.
- Children age 0-4 had the highest age-specific percent ILI (9.79%).

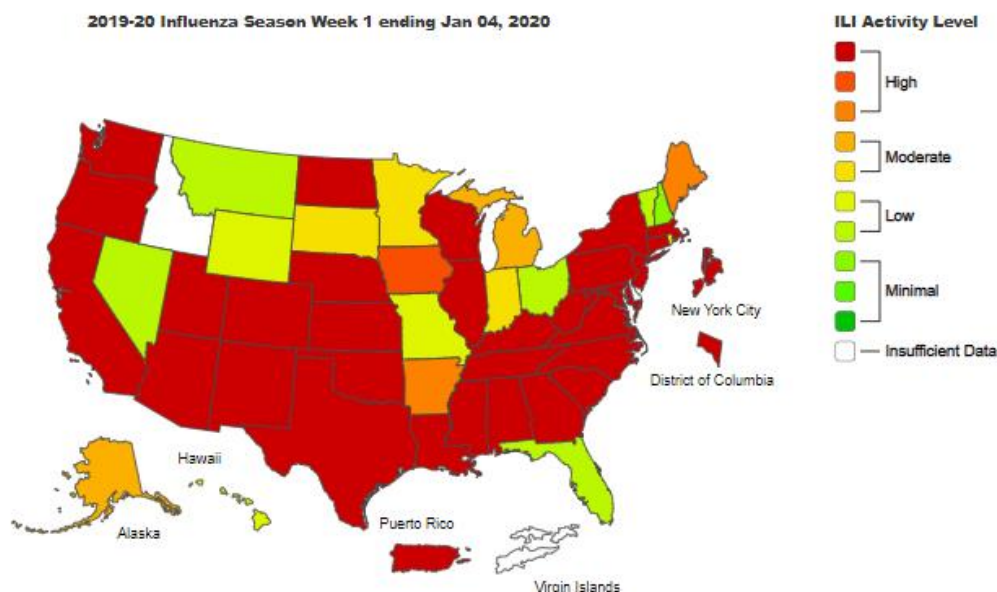
Indiana (Week 01)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%201-2019-2020.pdf>

- Indiana is experiencing **widespread and moderate ILI activity**. For Week 01, ISDH reported 3.25% ILI at sentinel provider sites and 4.83% ILI ED and urgent care visits. This was a **decrease for sentinel provider sites** (6.82% Week 52) and **ED and urgent care visits** (5.19% Week 52).
- There have been **22 influenza-associated deaths** this season
- **The percent positivity of influenza specimens tested in ISDH Laboratories increased** (Week 01: 100% vs Week 52: 98.0%). Of the 37 positive influenza specimens submitted: 25 were for influenza 2009 A/H1N1pdm virus and 12 influenza B Victoria seasonal virus.

National (Week 01)

<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 5.8%**, as reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet). This was lower **than Week 52 (7.0%)**.
- **Thirty-two influenza-associated pediatric deaths** have been reported to CDC this flu season.
- During Week 01, **positive influenza tests were lower in clinical laboratories** compared to Week 52 (23.3% vs 26.3% respectively). **Influenza A had less positive respiratory specimens than influenza B** (36.7% vs. 63.3% respectively).
- During Week 01, **64.5% of specimens were positive at public health laboratories**. Of those, the top three subtypes/lineages were: **influenza B – Victoria lineage (32.5%)**, **influenza A – (H1N1)pdm09 (43.7%)**, and **influenza B – lineage not performed (15.4%)**.

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