

Influenza Situation Report

2019-2020 Seasonal Influenza Week 09

(February 23 – February 29, 2020)



Marion County Public Health Department, IN 2020-03-09

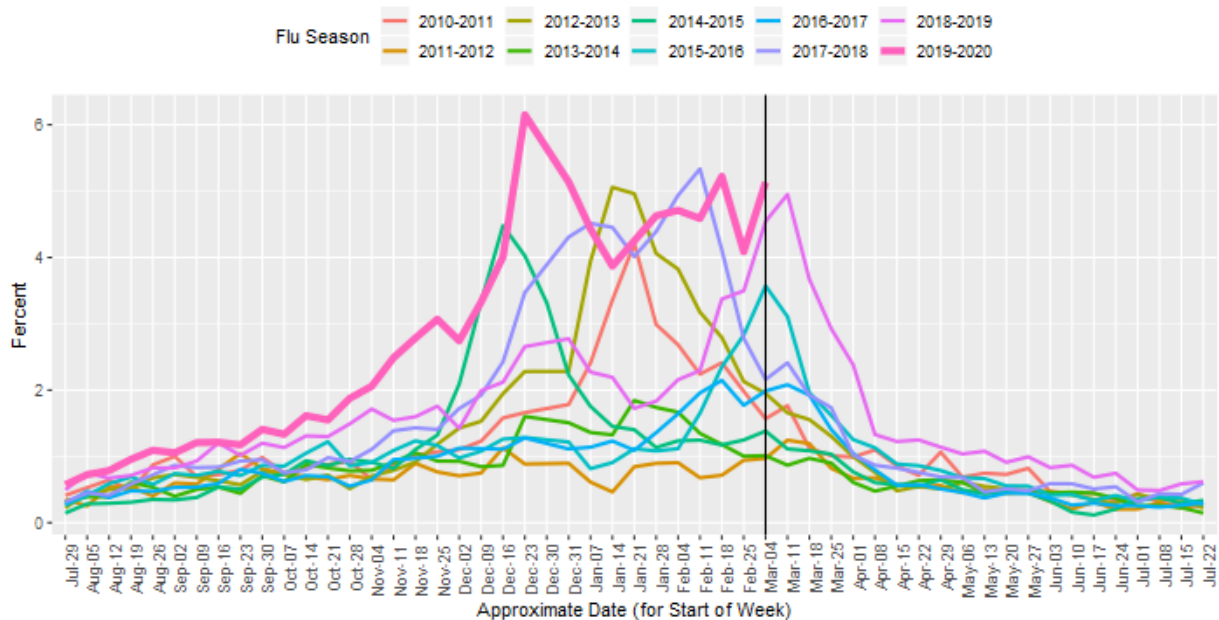
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Updates on Most Recent Local Activity: Week 10 (March 01 – March 07)

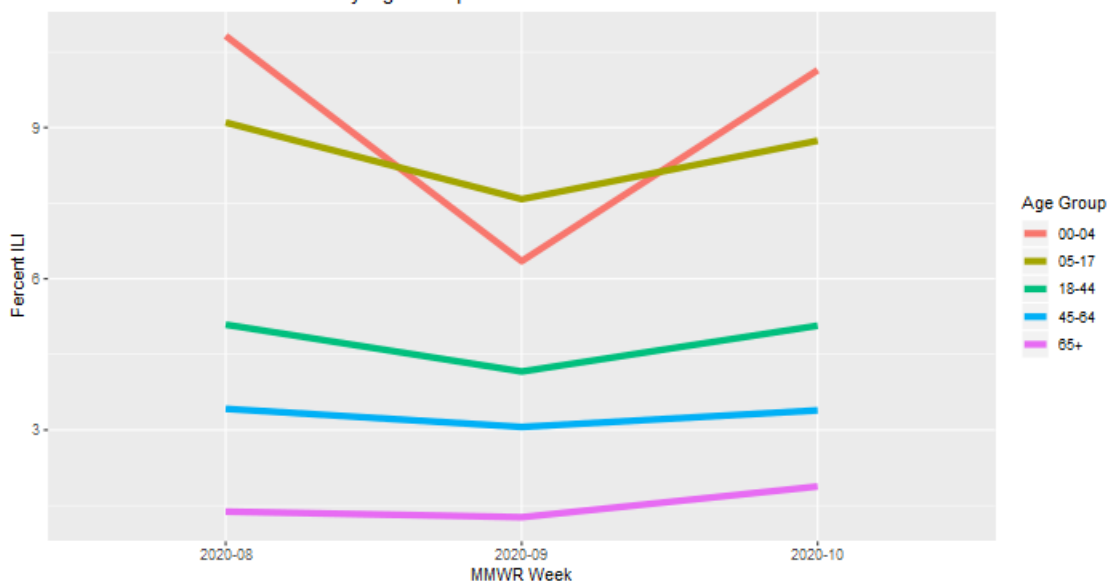
- During Week 10, **5.14% of Marion County ED visits had ILI symptoms.**
- There have been **sixteen influenza-associated deaths for Marion County residents** this flu season.
- In Marion County hospitals' ED population, ILI was **most common in the 0-4 age group.** Among ED visits by 0-4 year olds, 10.14% was for ILI. ILI among ED visits by 5-17 year olds was next highest, at 8.74%.

Percent of ILI related ED Visits



DR1202 Brittany Yarnell MCPHD EPI (epidemiology@marionhealth.org) Data Source: ISDH ESSENCE 2020-03-08

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 09)

- The percentage of ILI related ED visits was 5.22%.
- Children age 0-4 had the highest age-specific percent ILI (10.82%).

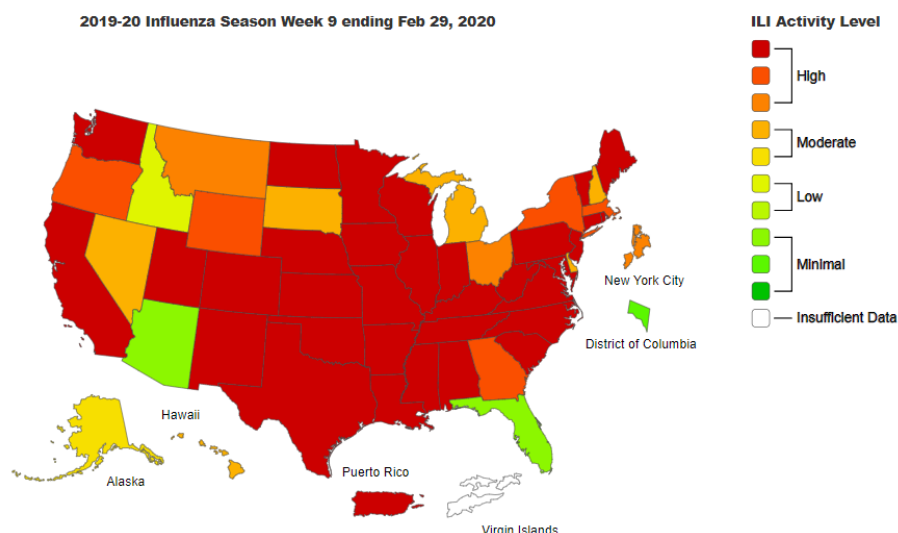
Indiana (Week 09)

<https://www.in.gov/isdh/files/Weekly%20Influenza%20Report-Week%209-2019-2020.pdf>

- Indiana is experiencing **widespread and high ILI activity**. For Week 09, ISDH reported 5.60% ILI at sentinel provider sites and 4.78% ILI ED and urgent care visits. This was **a decrease for sentinel provider sites** (5.76% Week 08) and **ED and urgent care visits** (4.97% Week 08).
- There have been **87 influenza-associated deaths** this season
- **The percent positivity of influenza specimens tested in ISDH Laboratories decreased** (Week 09: 76.0% vs Week 08: 85.3%). Of the 53 positive influenza specimens submitted: 29 influenza 2009 A/H1N1pdm virus, 10 influenza B Victoria seasonal virus, and 14 influenza B virus, genotype pending.

National (Week 09)

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



- **Influenza activity remained high, but decreased for the third week in a row in reporting jurisdictions.** The majority of jurisdictions had high and widespread influenza activity.
- **Outpatient visits due to ILI was at 5.5%**, as reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet). This was **lower than Week 08 (6.1%)**.
- **One hundred and thirty-six influenza-associated pediatric deaths** have been reported to CDC this flu season.
- During Week 09, **positive influenza tests were slightly lower in clinical laboratories** compared to Week 08 (24.3% vs 26.4% respectively). **Influenza A had more positive respiratory specimens than influenza B** (72.2% vs. 27.8% respectively).
- During Week 09, **953 (59.8%) of specimens were positive at public health laboratories**. Of the 953 positive specimens, the top three subtypes/lineages were: **influenza A – (H1N1)pdm09 (62.5%), influenza B – Victoria lineage (21.7%), and influenza A – subtyping not performed (6.9%)**.

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