

Marion County Influenza Situation Report 2023-2024 Seasonal Influenza Week 05 (January 28, 2024 – February 3, 2024)

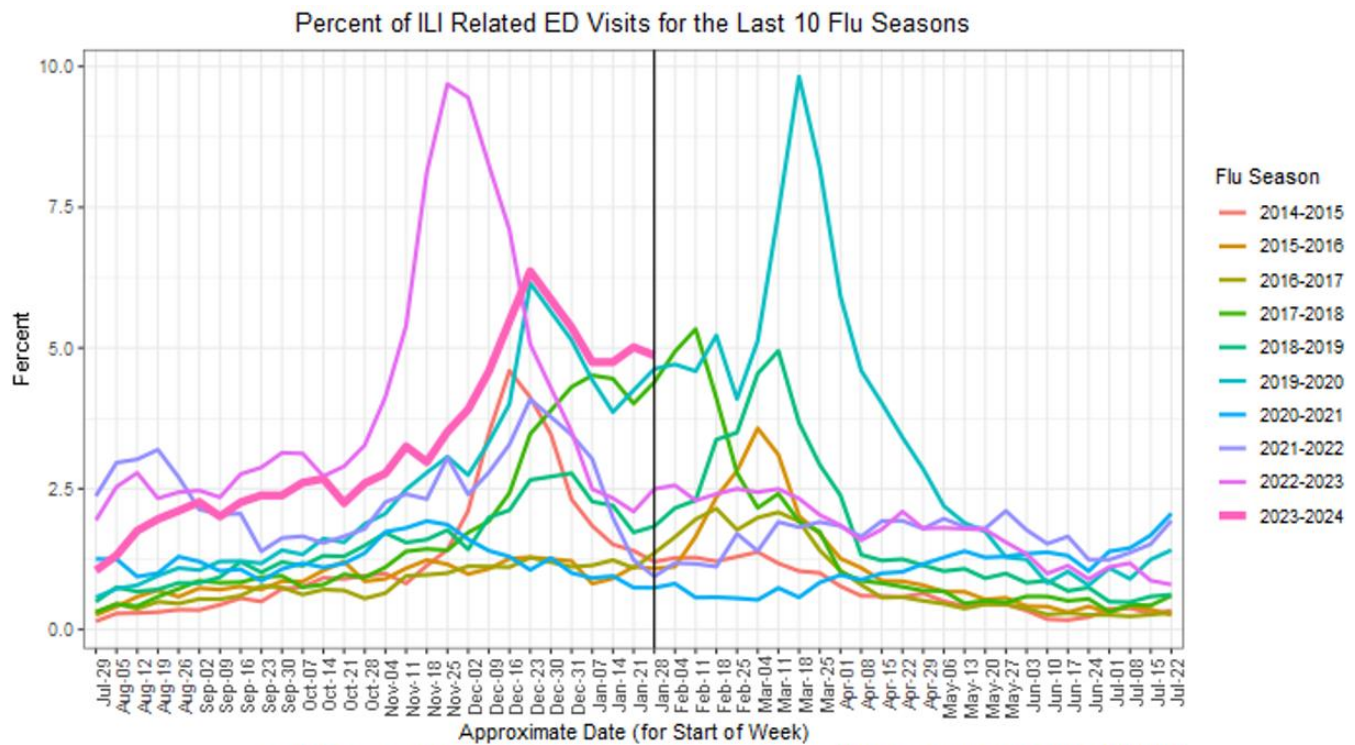


Marion County Public Health Department, IN 2024-02-05

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Influenza-like Illness ED visits in Marion County decreased during week 05 but remains higher when compared to the previous nine flu seasons



DR1202 Travis Reline MCPHD EPI (epidemiology@marionhealth.org) Data Source: ISDH ESSENCE 2024-02-05

- During week 05 (January 28 to February 03), **4.87% of Marion County ED visits had ILI symptoms**. The current rate is lower than last week (5.01%). The median percentage of ILI-related ED visits for week 05 over the last five years is 2.5%.
- In Marion County hospitals, 5-17 years old had the highest rate (11.07%) of ILI-related ED visits, followed by 0-4 years old (8.49%). Last week, 5-17 years old had the highest rate of ILI-related ED visits (9.73%). This is the second consecutive week that 5-17 years old had the highest rate of ILI-related ED visits when compared to other age groups.
- **ED visits for Respiratory Syncytial Virus (RSV) for 0-4 years decreased during the last week.** The percentage of RSV-related ED visits was 9.42% out of all 0-4 years old ED visits during week 05. This rate is lower than last week (9.95%).
 - RSV is a common respiratory virus that is the most common cause of bronchiolitis and pneumonia for children under one year of age in the U.S.

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.

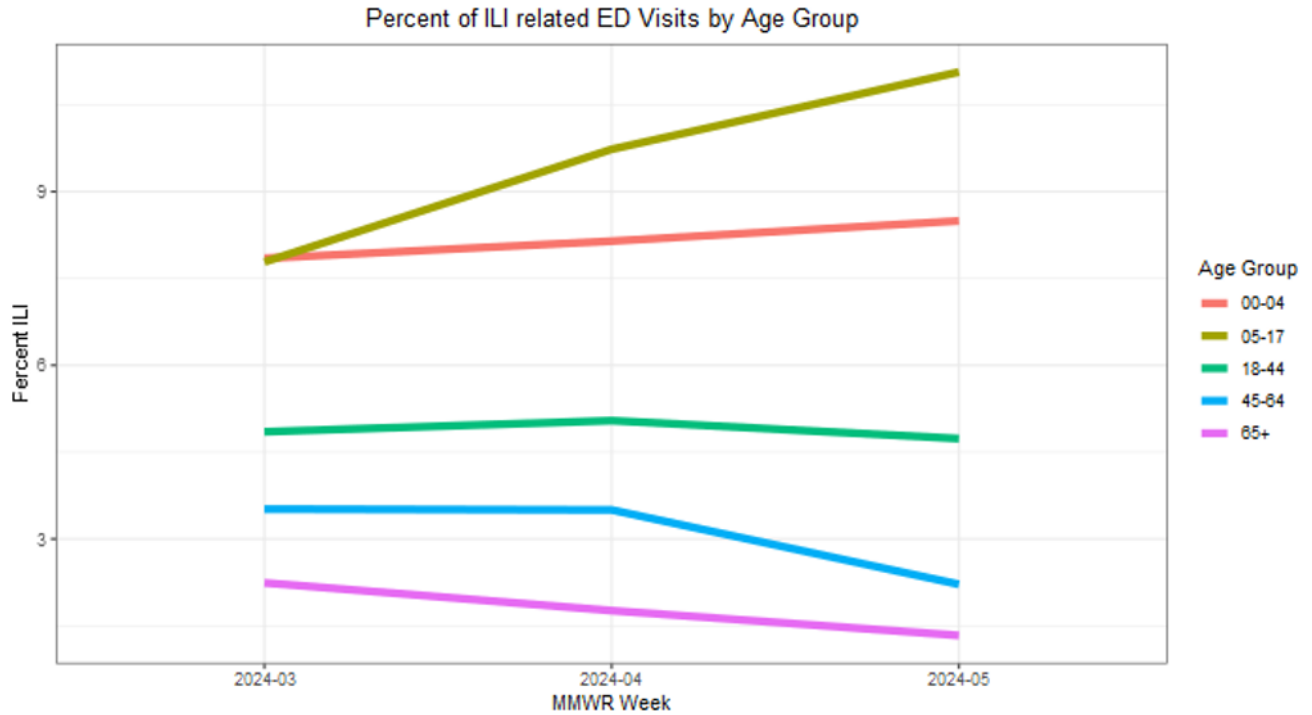
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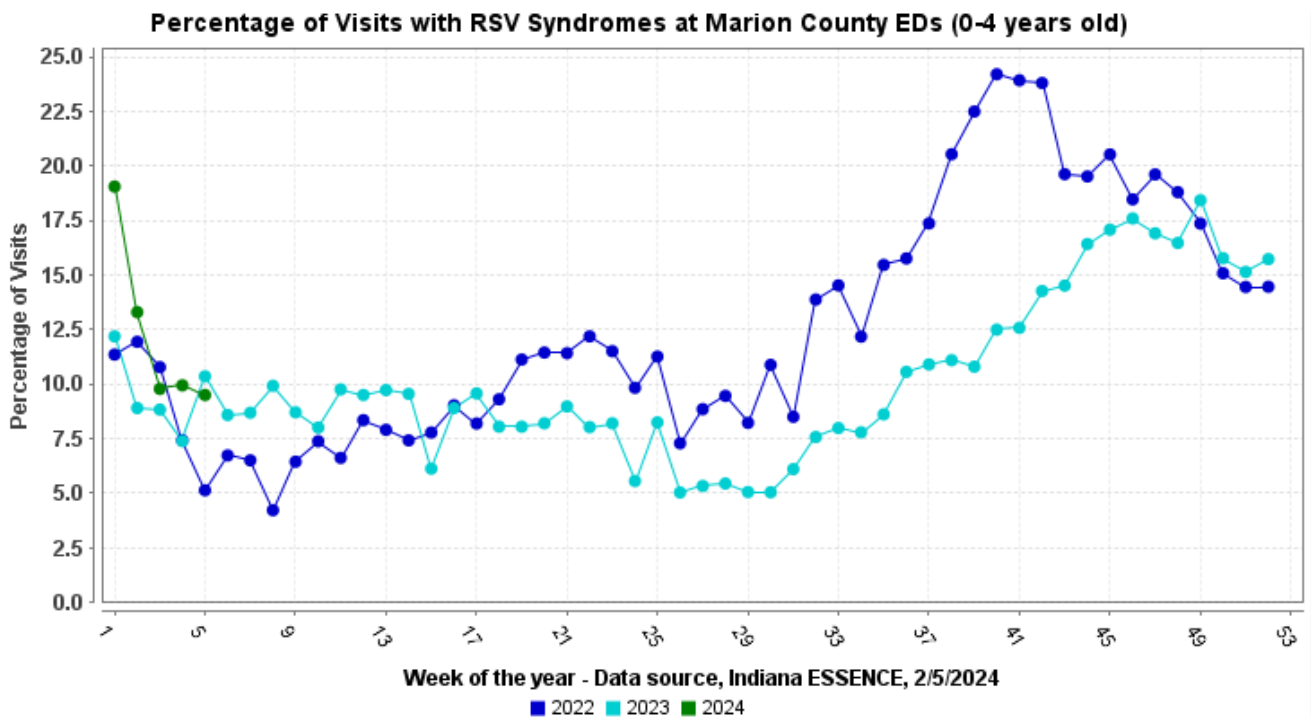
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Week of the year - Data source, Indiana ESSENCE, 2/5/2024

■ 2022 ■ 2023 ■ 2024

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Marion County (Week 04, January 21, 2024 – January 27, 2024)

- The percentage of ILI-related ED visits was 5.01% out of all ED visits.
- In Marion County hospitals, 5-17 years old had the highest rate (9.73%) of ILI related ED Visits.

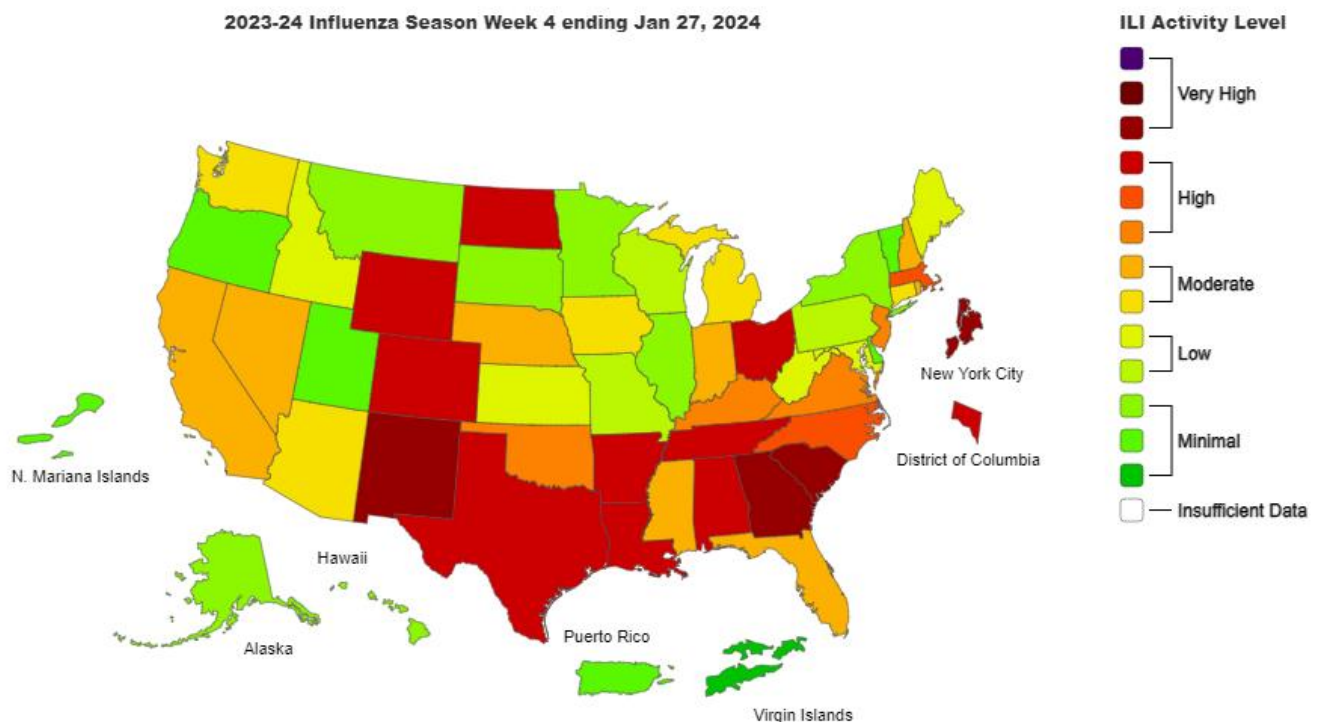
Indiana (Week 04, January 21, 2024 – January 27, 2024)

<https://www.in.gov/health/idepd/influenza/influenza-dashboard/>

- Indiana is experiencing **MODERATE** ILI activity for week 04.
- IDOH reported 3.33% ILI at sentinel provider sites and 3.26% ILI at ED and urgent care visits. Both rates have increased during the last week.
- **Seven influenza-associated deaths have been reported** during week 04. Seventy-five deaths have been reported since the beginning of the season.
- Sixteen specimens were tested at the IDOH Laboratory during Week 04:
 - Ten specimens (62.50%) were detected with the following influenza viruses:
 - Six detected as "Influenza A/H3"
 - Two detected as "Influenza B"
 - Two detected as "Influenza A/H1N1pdm"
 - Five specimens (31.25%) were detected as "Negative"
 - One specimen (6.25%) was considered "Unsatisfactory"

National (Week 04, January 21, 2024 – January 27, 2024)

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



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- Seasonal influenza activity remains elevated nationally with increases in some parts of the country.
- According to the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), **4.3% of outpatient visits to healthcare providers** were related to ILI (influenza-like illness). This rate is the same as last week (4.3%) but is above the baseline of 2.9%.
- **Eight pediatric deaths** have been reported to CDC during week 04:
 - These deaths occurred between Weeks 01 and 04 of 2024
 - Four were associated with influenza A viruses
 - One had subtyping performed and it was an A(H1N1) virus
 - Four were associated with influenza B viruses, no lineage determined
 - Sixty-five influenza-associated pediatric deaths have been reported to CDC since the beginning of the 2023-2024 season.
- During Week 04, **16.2% of clinical laboratory specimens** were **positive for influenza**. This rate is higher than last week (14.2%).
- During Week 04, 937 (**32.3%**) of **specimens** were **positive at public health laboratories**. This rate is higher than last week (31.2%).

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