

Marion County Influenza Situation Report 2023-2024 Seasonal Influenza Week 01 (December 31, 2023 – January 06, 2024)

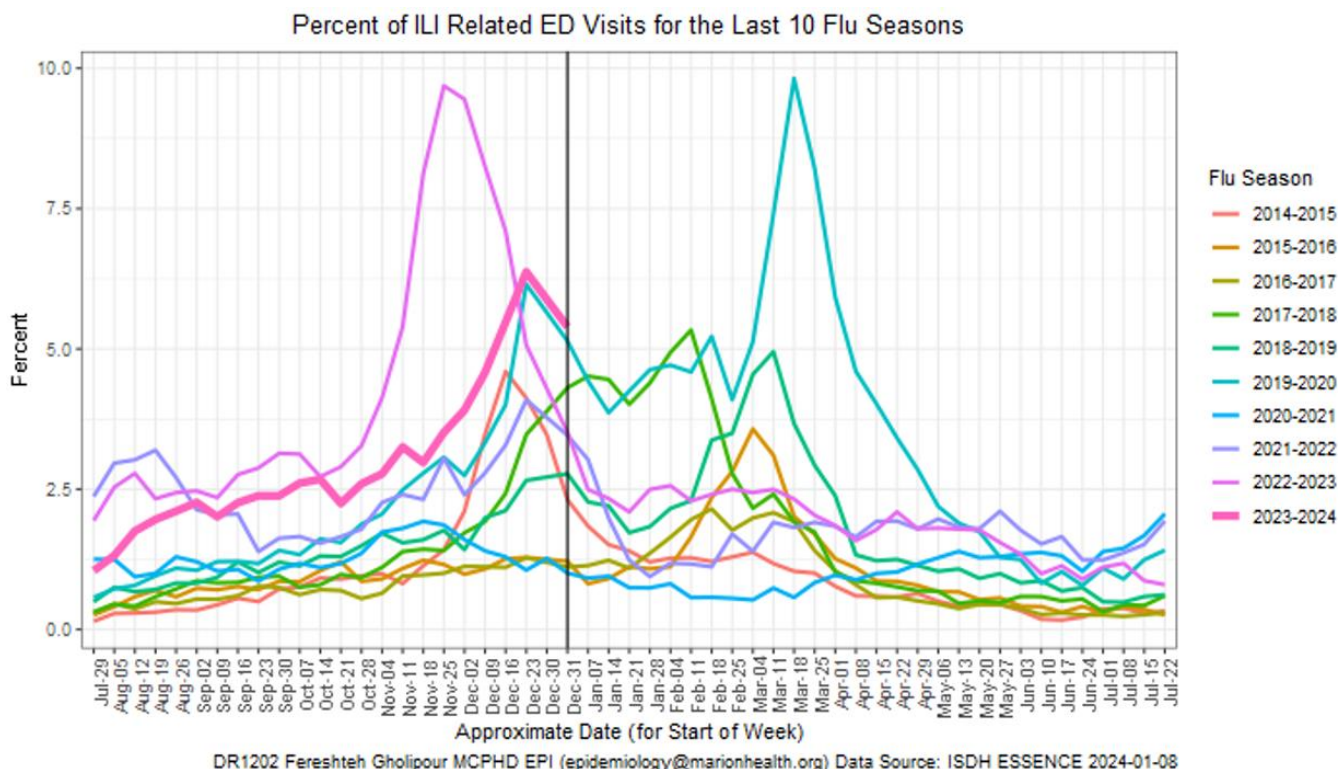


Marion County Public Health Department, IN 2024-01-08

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Influenza-like Illness ED visits in Marion County decreased during week 01 but remains higher when compared to the previous nine flu seasons



- During week 01 (December 31 to January 06), **5.36% of Marion County ED visits had ILI symptoms**. The current rate is lower than last week (6.37%). The median percentage of ILI-related ED visits for week 01 over the last five years is 3.54%.
- In Marion County hospitals, 0-4 years old had the highest rate (13.75%) of ILI related ED Visits, followed by 5-17 years old (6.23%). Last week, 5-17 years old had the highest rate of ILI related ED visits (12.24%). The median percentage of 0-4 years old ILI-related ED visits for week 01 over the last five years is 9.55%.
- **ED visits for Respiratory Syncytial Virus (RSV) and other respiratory illnesses for 0-4 years old have increased during the last week**. The percentage of RSV-related ED visits was 18.75% out of all 0-4 years old ED visits during week 01. This rate is higher than last week (15.67%)
 - 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.

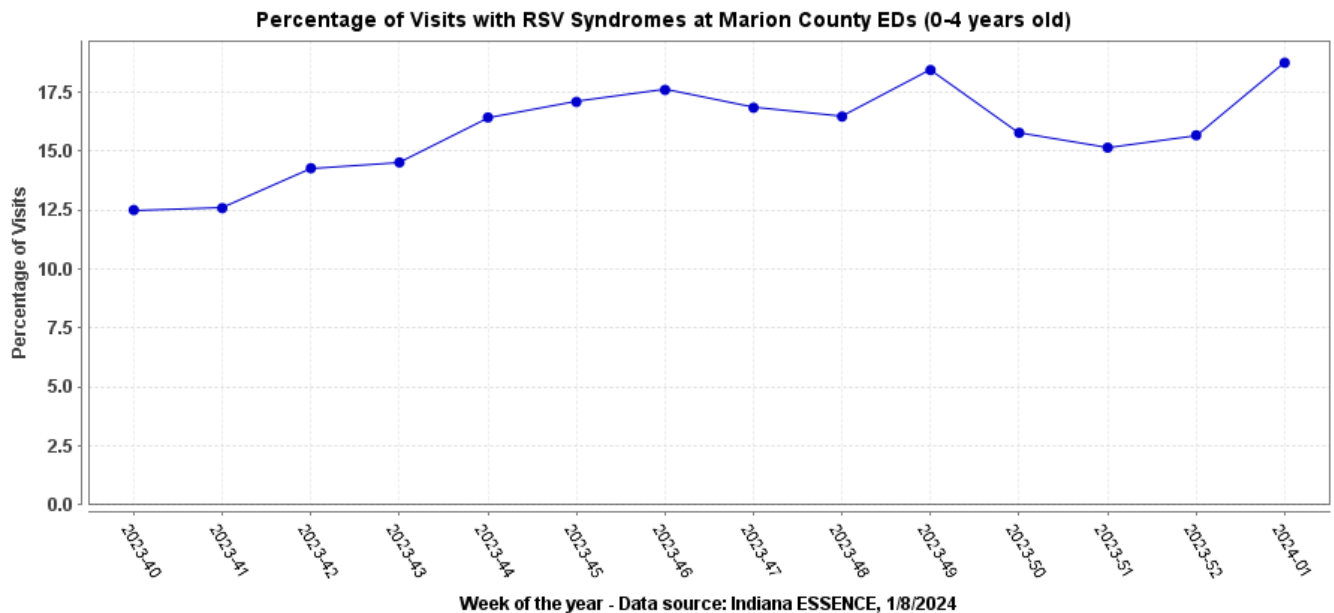
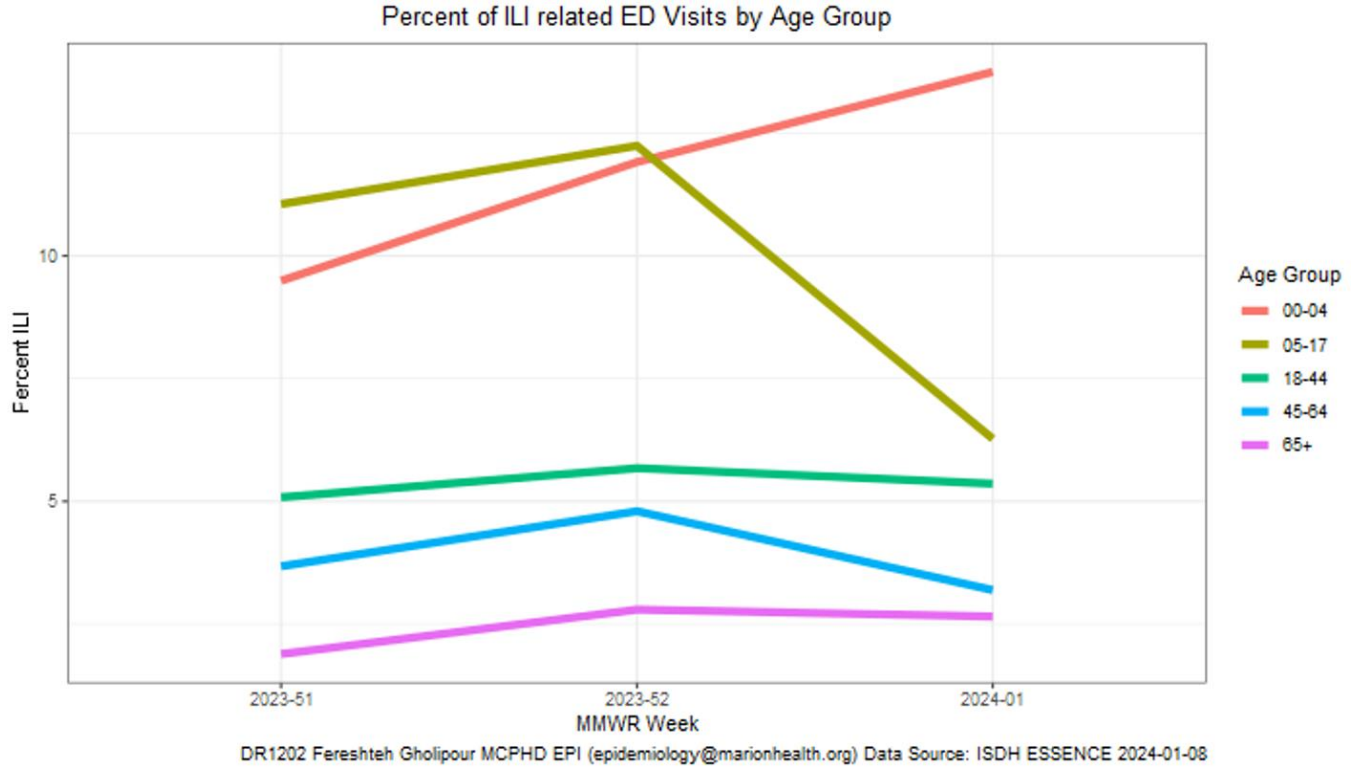
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Marion County (Week 52, December 24, 2023 – December 30, 2023)

- The percentage of ILI-related ED visits was 6.37% out of all ED visits.
- In Marion County hospitals, 5-17 years old had the highest rate (12.24%) of ILI related ED Visits.

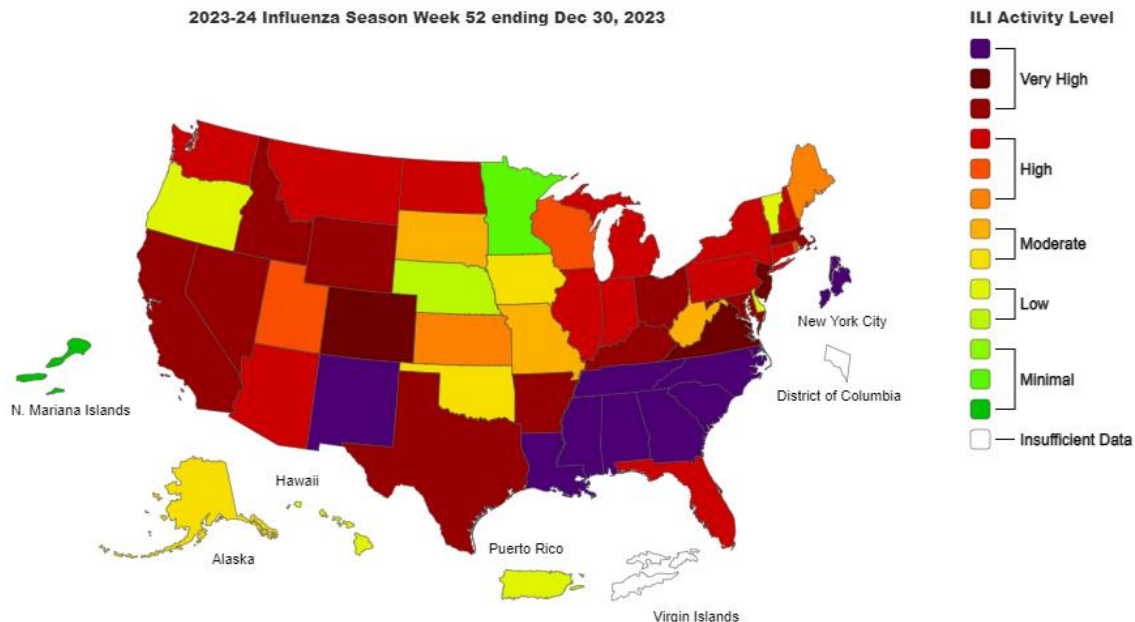
Indiana (Week 52, December 24, 2023 – December 30, 2023)

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

- Indiana is experiencing **HIGH** ILI activity for week 52.
- IDOH reported 4.64% ILI at sentinel provider sites and 4.37% ILI at ED and urgent care visits. Both rates have increased during the last week.
- **Nine influenza-associated deaths have been reported** during week 52. Thirty-one deaths have been reported since the beginning of the season.
- Ten specimens were tested at the IDOH Laboratory during Week 52:
 - Four specimens (40.0%) were detected with the following influenza viruses:
 - Two detected as "Influenza A/H1N1pdm"
 - Two detected as "Influenza A/H3"
 - Four specimens (40.0%) were detected as "Negative"
 - One specimen (10.0%) was considered "Unsatisfactory"
 - One specimen (10.0%) was considered "Inconclusive"

National (Week 52, December 24, 2023 – December 30, 2023)

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



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- Seasonal influenza activity is elevated and continues to increase in most parts of the country.
- According to the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), **6.9% of outpatient visits to healthcare providers** were related to ILI (influenza-like illness). This rate is higher than last week (6.1%) and is above the baseline of 2.9%.
- **Seven pediatric deaths** have been reported to CDC during week 52 :
 - These deaths occurred during weeks 50, 51 and 52 of 2023
 - Five were associated with influenza A viruses
 - Three had subtyping performed and all were A(H1N1) viruses
 - Two were associated with influenza B viruses with no lineage determined
 - Twenty-seven influenza-associated pediatric deaths have been reported to CDC since the beginning of the 2023-2024 season.
- During Week 52, **17.5% of clinical laboratory specimens** were **positive for influenza**. This rate is higher than last week (16.1%).
- During Week 52, 651 (**28.3%**) of **specimens** were **positive at public health laboratories**. This rate is lower than last week (31.3%).

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