

Marion County Influenza Situation Report 2023-2024 Seasonal Influenza Week 52 (December 24, 2023 – December 30, 2023)

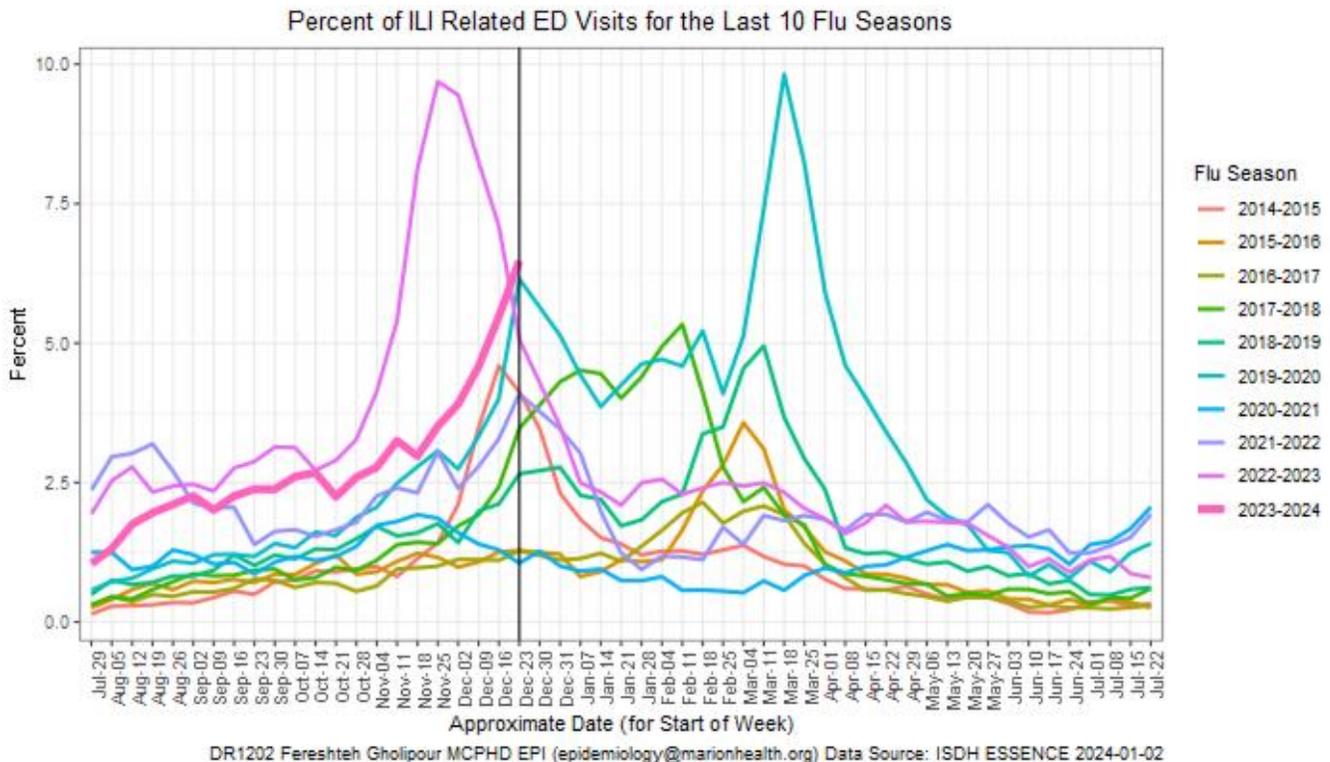


Marion County Public Health Department, IN 2024-01-02

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Influenza-like Illness ED visits in Marion County continued to increase during week 52



- During week 52 (December 24 to December 30), **6.48% of Marion County ED visits had ILI symptoms**. The current rate is higher than last week (5.48%). The median percentage of ILI-related ED visits for week 52 over the last five years is 5.23%.
- In Marion County hospitals, 5-17 years old had the highest rate (12.34%) of ILI related ED Visits, followed by 0-4 years old (12.24%). Last week, 5-17 years old had the highest rate of ILI related ED visits (11.06%). This is the second consecutive week that 5-17 years old had the highest rate of ILI related ED visits.
- **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 15.32% out of all 0-4 years old ED visits during week 52. This rate is higher than last week (15.08%)
 - 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.

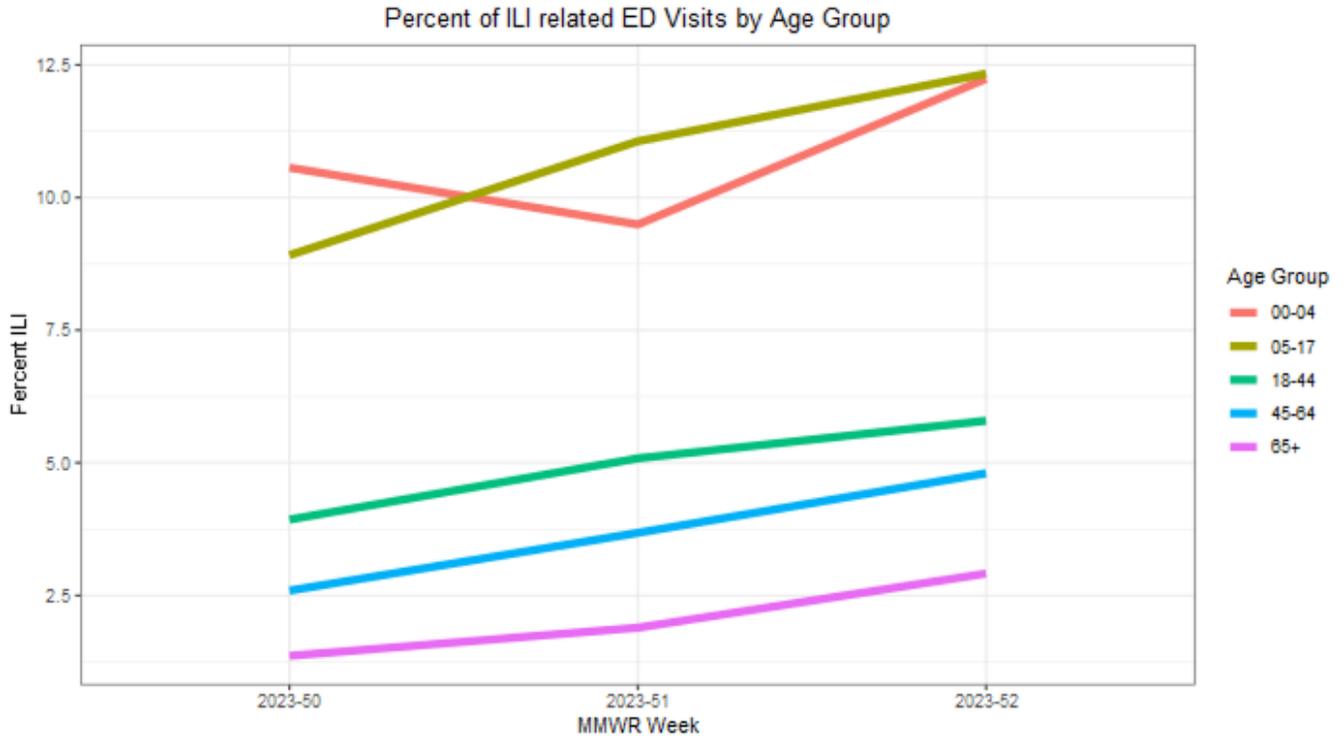
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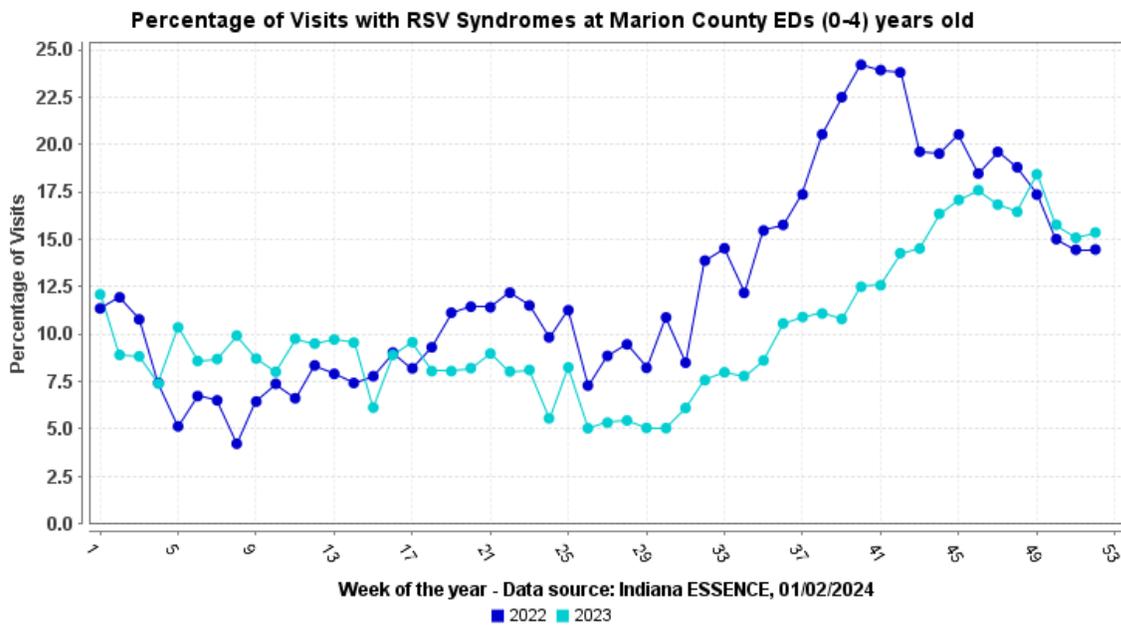
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DR1202 Fereshteh Gholipour MCPHD EPI (epidemiology@marionhealth.org) Data Source: ISDH ESSENCE 2024-01-02



Week of the year - Data source: Indiana ESSENCE, 01/02/2024

■ 2022 ■ 2023

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 51, December 17, 2023 – December 23, 2023)

- The percentage of ILI-related ED visits was 5.48% out of all ED visits.
- In Marion County hospitals, 5-17 years old had the highest rate (11.06%) of ILI related ED Visits.

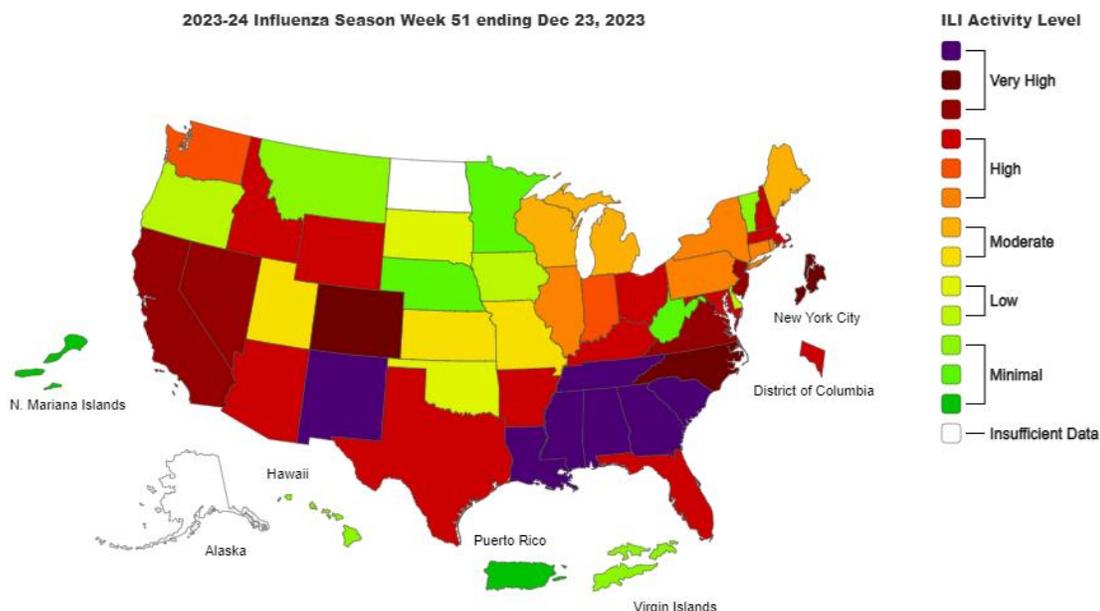
Indiana (Week 51, December 17, 2023 – December 23, 2023)

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

- Indiana is experiencing **HIGH** ILI activity for week 51.
- IDOH reported 3.98% ILI at sentinel provider sites and 3.88% ILI at ED and urgent care visits. Both rates have increased during the last week.
- **Six influenza-associated deaths have been reported** during week 51. Twenty-two deaths have been reported since the beginning of the season.
- Ten specimens were tested at the IDOH Laboratory during Week 51:
 - 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 51, December 17, 2023 – December 23, 2023)

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



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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- 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), **6.1% of outpatient visits to healthcare providers** were related to ILI (influenza-like illness). This rate is higher than last week (5.2%) and is above the baseline of 2.9%.
- **Seven pediatric deaths** have been reported to CDC during week 51; one of which occurred during the 2022-2023 season.
 - Six deaths occurred during weeks 49, 50, and 51 of 2023
 - Four were associated with influenza A viruses
 - Two had subtyping performed and both were A(H1N1) viruses
 - Two were associated with influenza B viruses with no lineage determined
 - Twenty influenza-associated pediatric deaths have been reported to CDC since the beginning of the 2023-2024 season.
- During Week 51, **16.1% of clinical laboratory specimens** were **positive for influenza**. This rate is higher than last week (12.8%).
- During Week 51, 875 (**31.3%**) of **specimens** were **positive at public health laboratories**. This rate is lower than last week (35.4%).

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