

Marion County Influenza Situation Report 2021-2022 Seasonal Influenza Week 50 (December 12 – December 18, 2021)



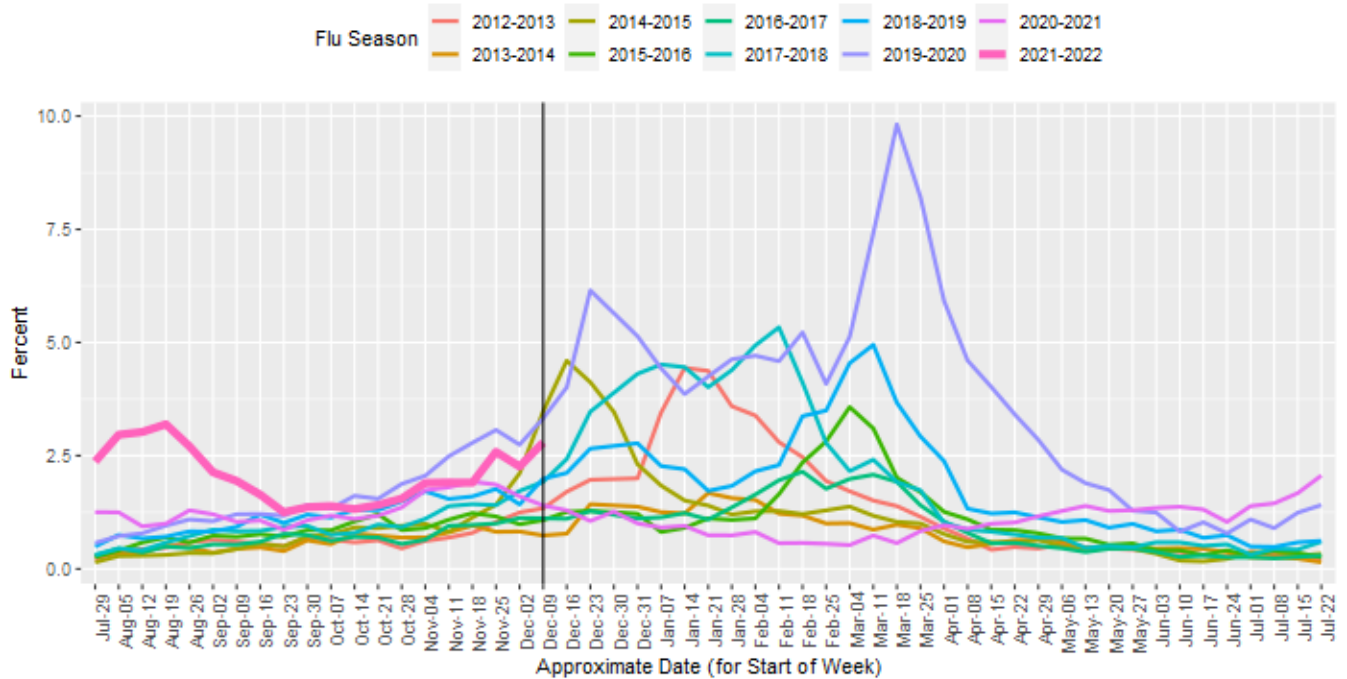
Marion County Public Health Department, IN 2021-12-20

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Influenza-like Illness ED visits in Marion County are higher than last week and 6 out of 9 past flu seasons

Percent of ILI related ED Visits



DR1202 Fereshteh Gholipour MCPHD EPI (epidemiology@marionhealth.org) Data Source: ISDH ESSENCE 2021-12-20

- Emergency Department (ED) visits with Influenza-like Illness (ILI) symptoms, for all ages, are low relative to most seasonal peaks, but are higher than usual.
- During Week 50 (Dec 12 to Dec.18), **2.79% of Marion County ED visits had ILI symptoms**. ED visits with ILI symptoms have been increasing since last week (2.24%). The median for week 50 in the last 5 years has been 2.16%.
- In Marion County hospitals' ED population, **ILI was most common in the 0 – 4 age group** (9.2%). It is higher than the median for week 50 over the last 5 years and higher than the last week (8.8%). The median for week 50 in the last 5 years has been 7.09%.
- ED visits for respiratory syncytial virus (RSV) and other respiratory illnesses for 0-4 years old have been increasing since mid-April, and this is contributing to the increase in ILI.
 - RSV is a common respiratory virus that is the most common cause of bronchiolitis and pneumonia for children under 1 year of age in the U.S
- The Covid-19 pandemic may impact the Indiana Syndromic ILI data. Surveillance indicators that monitor outpatient and emergency department visits for influenza-like illness will detect visits for other respiratory illnesses with similar symptoms including Covid-19.

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.

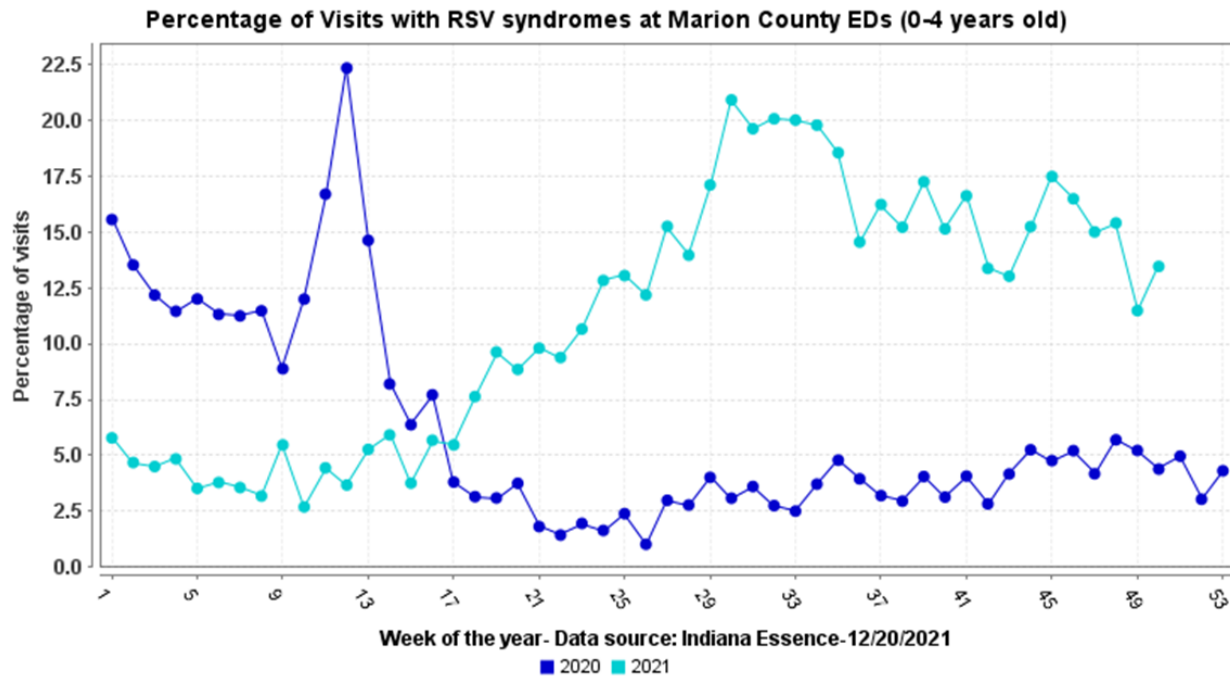
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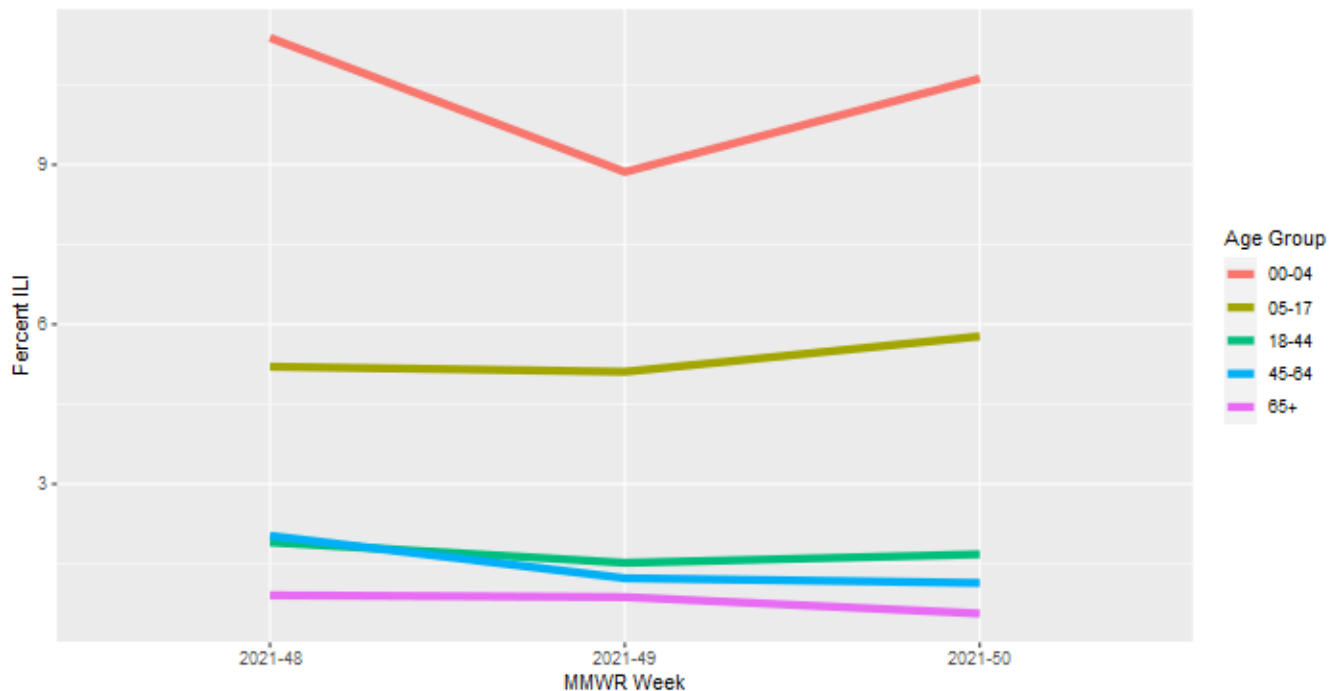
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Percent of ILI related ED Visits by Age Group



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Marion County (Week 49)

- The percentage of ILI related ED visits was 2.24%.

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- Infants and toddlers aged 0-4 had the highest age-specific percent ILI (8.8%).

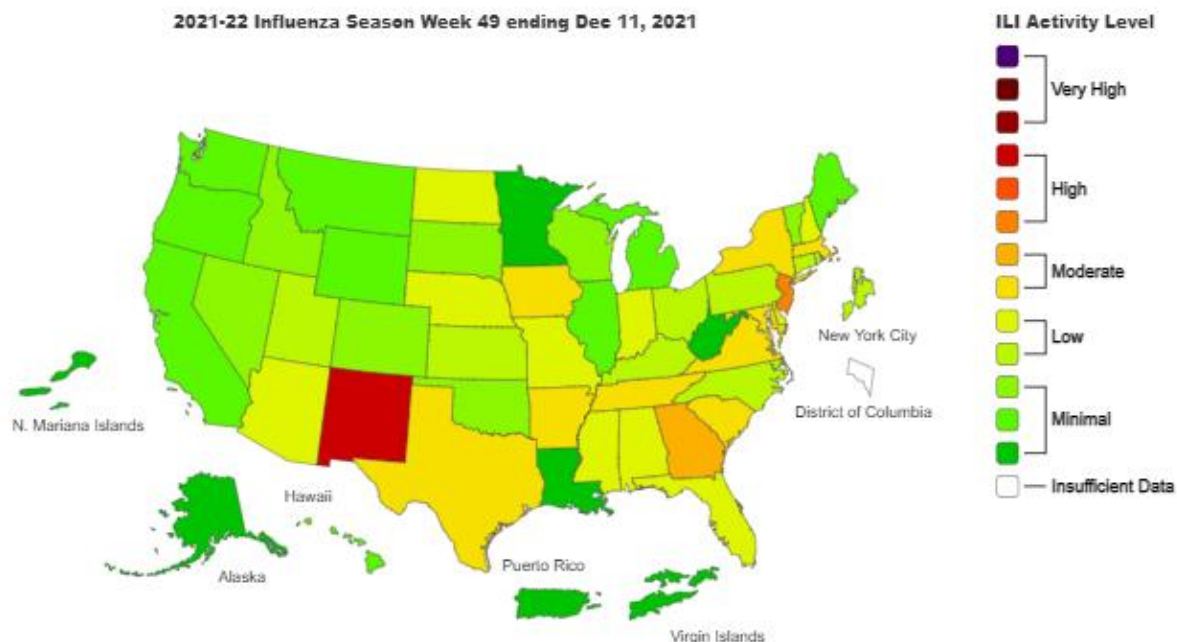
Indiana (Week 49)

<https://www.in.gov/health/erc/files/Weekly-Flu-Report-Week-49-2021-2022.pdf>

- Indiana is experiencing low ILI activity. For Week 49, IDOH reported 2.25% ILI at sentinel provider sites and 2.28% ILI ED and urgent care visits.
- There has been **3 influenza-associated death** this season. one death occurred at week 38 which was out of regular flu reporting season (week 40-20).
- Twenty-nine (29) specimens were tested at the IDOH Laboratory during Week 49. Twenty-four (24) were detected as Influenza negative and five (5) were detected as Influenza A/H3 seasonal virus.

National (Week 49)

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



- **Influenza activity in the U.S. is increasing. Confirmed positive labs, as reported by clinical and public health laboratories, continue to increase.** The activity level varies by region.
- **Outpatient visits due to ILI was at 2.7%**, as reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet).
- **Zero influenza-associated pediatric deaths** have been reported to CDC this flu season.

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- During Week 49, **positive influenza tests were higher** than week 48 in **clinical laboratories** at 3.5%. Clinical labs found 2.6% of tests positive for the week 48.
- During Week 49, **485 (2%) of specimens were positive at public health laboratories**.

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