

Weekly Influenza Report for St. Charles County

For Cases Up to 12/10/2022 - Report Published 12/19/2022

Summary

- The estimated influenza activity in St. Charles County, MO is increasing rapidly. Cases are currently higher than this time in the previous five influenza seasons.
- Thus far in the 2022-2023 season, there have been **5,153** total cases of influenza reported.

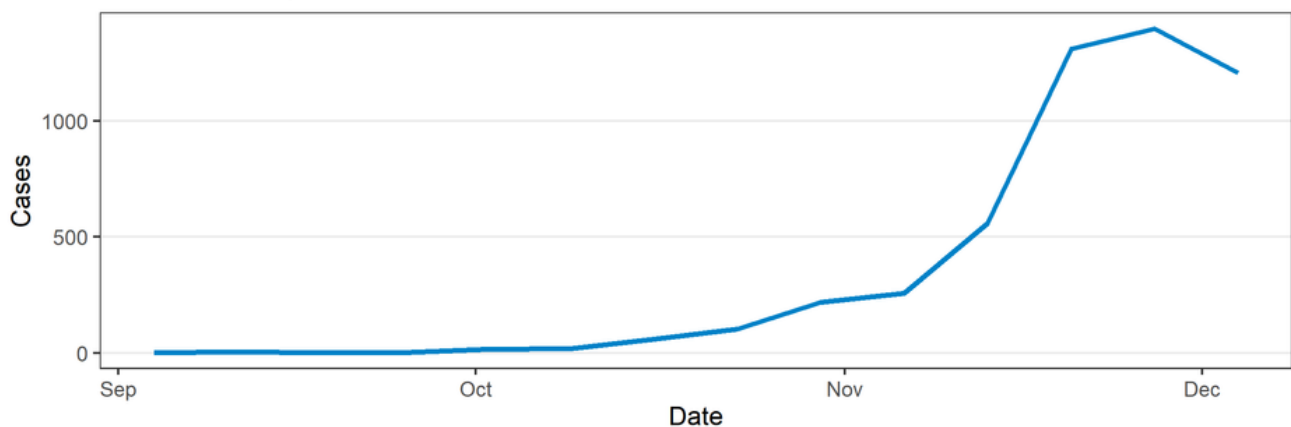


Public Health Surveillance

St. Charles County Department of Public Health (SCCDPH) monitors influenza through both active and passive surveillance. Influenza is a reportable condition that is reported regularly to SCCDPH by healthcare facilities across the county. Additionally, if an outbreak occurs, it is actively investigated by SCCDPH communicable disease personnel. Please direct any questions about influenza reporting in St. Charles County to our communicable disease staff at 636-949-7319.

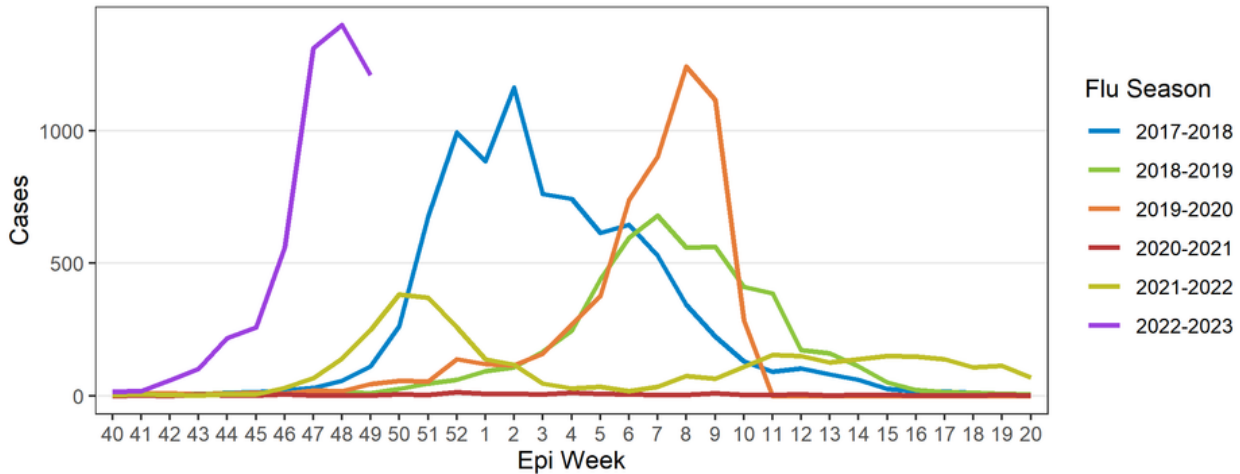
Note: There is often a delay in reporting; therefore, current and previous week cases are subject to change in future reports as new data are collected and included. All data in this report are up to date as of the date of publication.

2022-2023 Influenza Cases Over Time in St. Charles County through December 10, 2022



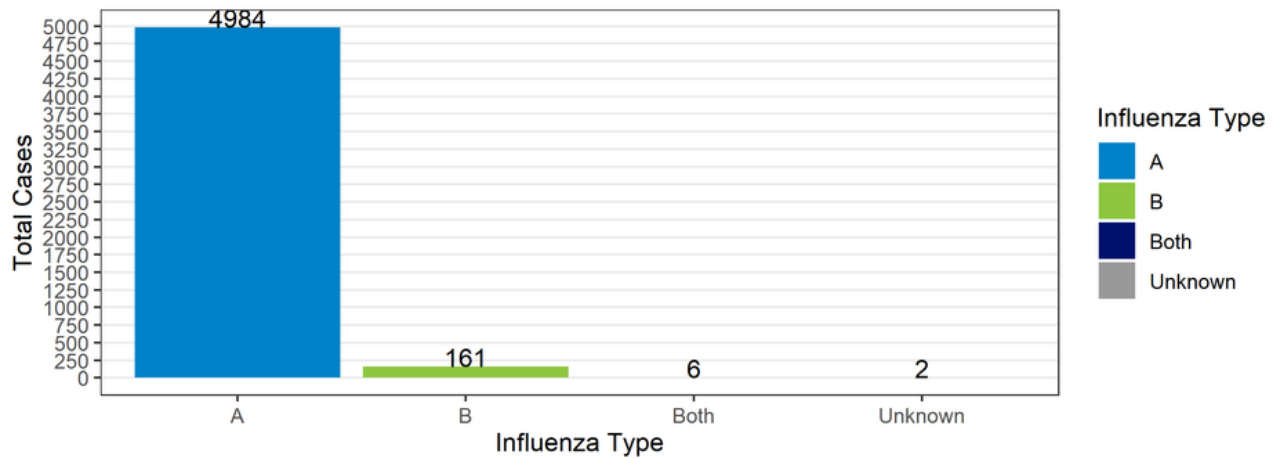
Cases Over Time: This graph displays the overall number of influenza cases each week during the current 2022-2023 influenza season. In the most recent week, there were **1208** cases of influenza in St. Charles County.

Influenza Cases Over Time by Flu Season in St. Charles County



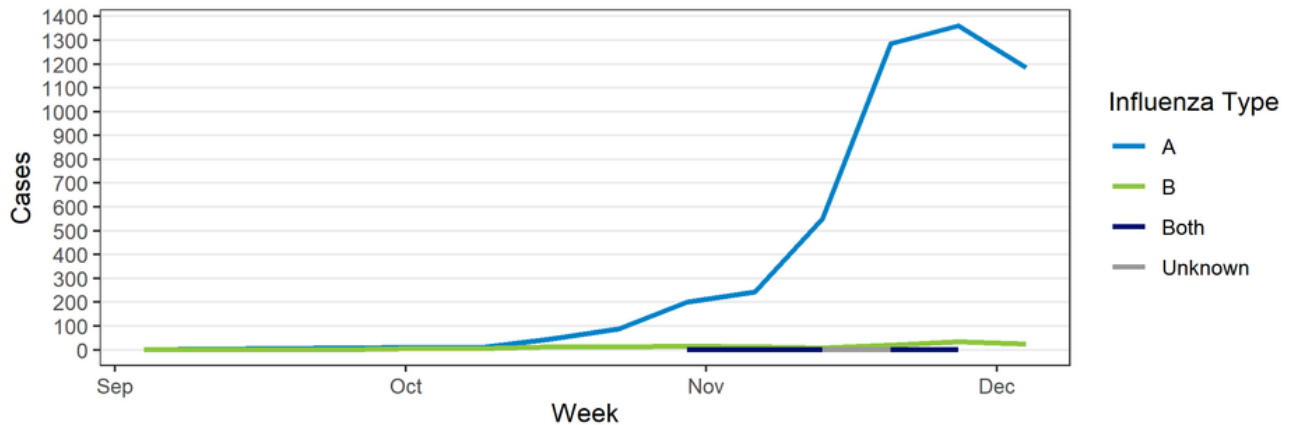
Compared to Previous Influenza Seasons: This graph displays how the current influenza season compares to past seasons. The Epi Weeks are the weeks of the years numbered, with the first full week of January being Week 1. In the graph above, it starts at Week 40, which is the start of influenza season at the beginning of October, and end in Week 20, which is the end of influenza season in mid-May the following year.

2022-2023 Influenza Season Cases by Type in St. Charles County through December 10, 2022



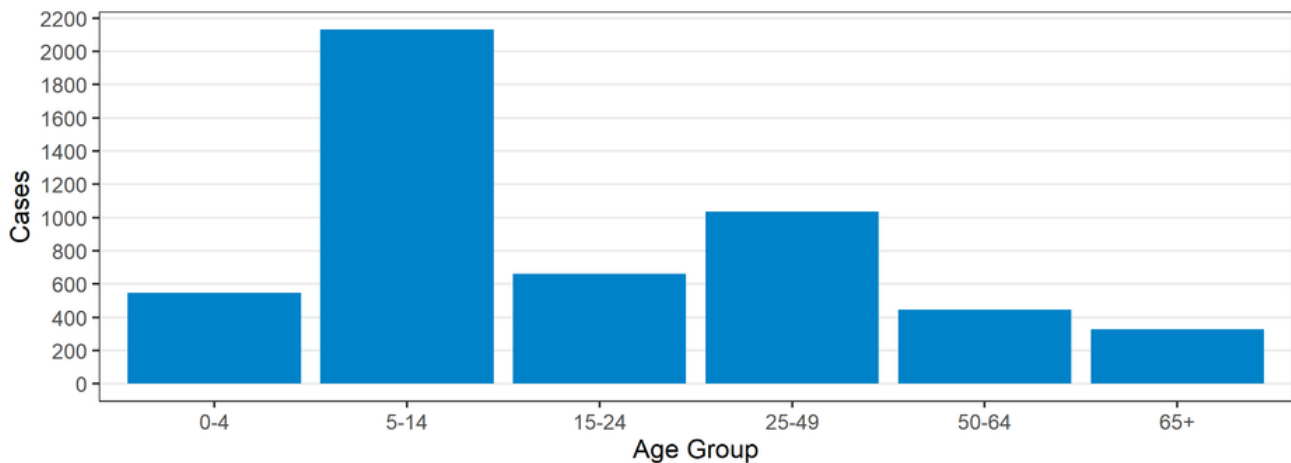
Cases by Influenza Type: Influenza viruses are not all the same. There are two main types that infect humans: Type A and Type B. Both cause illness, but only Type A is thought to be capable of causing an influenza pandemic (a global outbreak). A pandemic can occur when a new and different influenza Type A virus emerges that both infects people and has the ability to spread efficiently among people. To date, there have been **4984** Type A cases and **161** Type B cases in St. Charles County.

2022-2023 Influenza Season Case Type Over Time through December 10, 2022



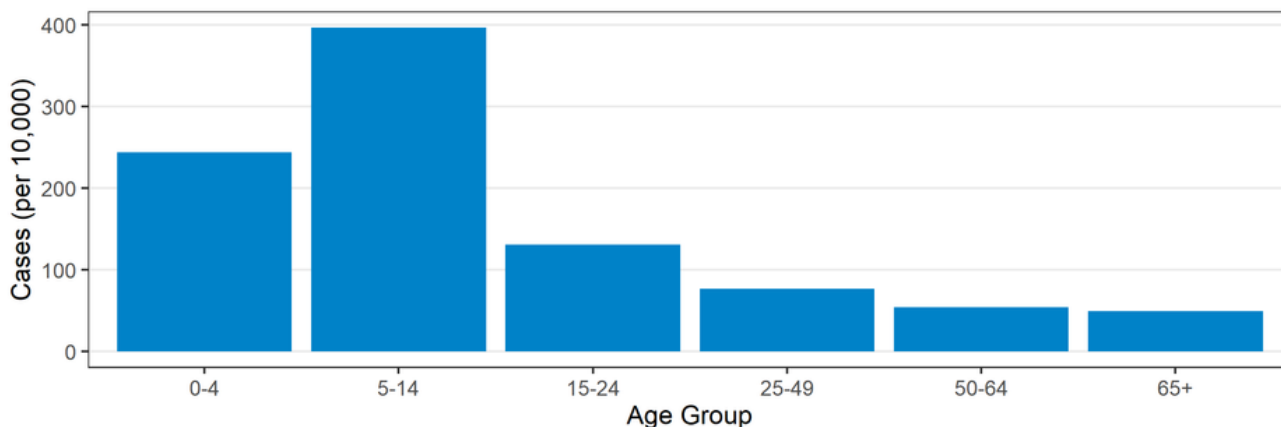
Influenza Type Trends: This graph displays the number of influenza cases by type over time in St. Charles County.

2022-2023 Influenza Season Case Age Distribution through December 10, 2022



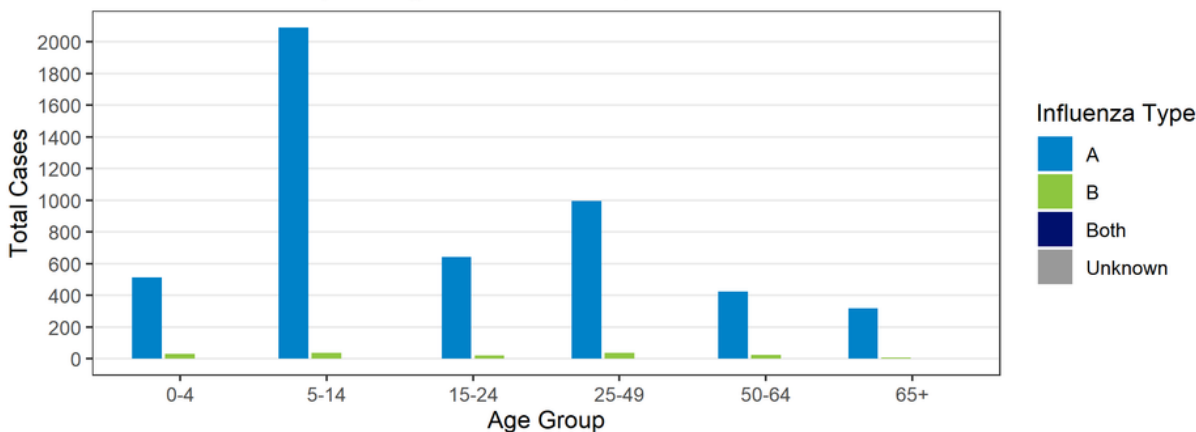
Cases by Age: This graph displays how many influenza cases have occurred in each age group. Children younger than 5 years and adults 65 years and older are the most at risk for severe disease, so we monitor those groups closely. There have been **547** cases among children under 5 years of age and **329** cases among individuals 65 and over.

2022-2023 Influenza Season Age-Specific Case Rates through December 10, 2022



Age Specific Rates: This graph displays the age-specific rates of influenza cases. This shows the number of cases per 10,000 individuals in each age group. For example, the rate for the 0-4 age group is the number of influenza cases per 10,000 0-4 year-olds in St. Charles County. The highest age-specific rates in St. Charles County are in the **0-4 and 5-14 age groups**.

2022-2023 Influenza Season Cases by Age Group and Type in St. Charles County through December 10, 2022



Cases by Influenza Type & Age: This graph displays the number of overall cases in each age group by influenza type.

For additional information on national influenza surveillance, please visit the Centers for Disease Control and Prevention website:

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

For additional information on statewide influenza surveillance, please visit the Missouri Department of Health and Senior Services website:

<https://health.mo.gov/living/healthcondiseases/communicable/influenza/reports.php>