



This report describes current trends in suburban Cook County for influenza and other respiratory viruses. Selected graphics are presented on pages 2-4. For complete surveillance data on flu, COVID-19, and RSV, please visit our dashboard at <https://ccdphcd.shinyapps.io/influenza/>. CCDPH is also now tracking “Broad Respiratory” illness in our hospitalization data. This CDC-defined syndrome includes a wide array of specific and non-specific respiratory diagnoses and complications, such as bronchitis or pneumonia.

Key Points

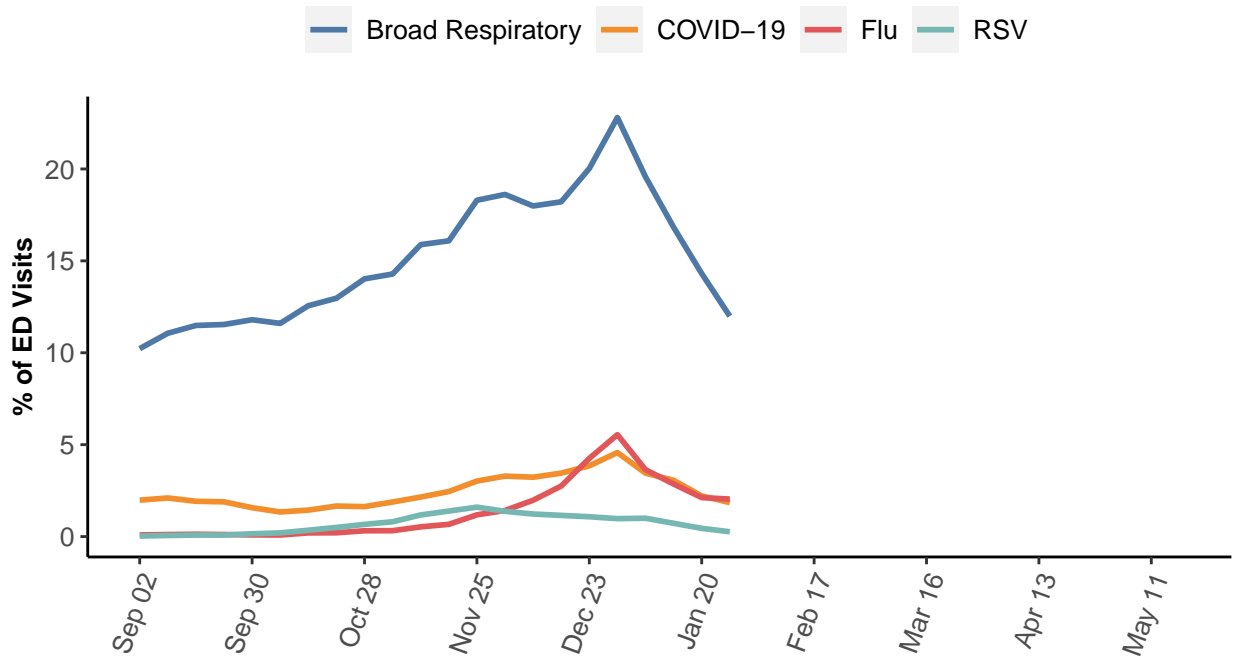
Overall, influenza activity is **Moderate** and stable.

- ED visits for flu and **COVID-19** have been trending down since the beginning of January.
- Although ED visits are trending down, admissions for flu in school-aged children have tripled over the last two weeks. We continue to see outbreaks in schools.
- Flu-related ICU admission rates are the highest among adults over 65, non-Hispanic Black residents, and children under five.
- The percent of deaths associated with pneumonia, influenza, or COVID-19 surpassed the peak of last winter’s respiratory virus season.
- RSV remains elevated, especially in children under 5, but activity has likely peaked for the season and has been trending down since late November.
- Of specimens tested for influenza, 9.5% are positive. 4.1% of RSV and 7.8% of COVID-19 specimens tested are positive.
- Of specimens positive for influenza, 90% have been influenza A. 288 influenza A specimens have sub-type available. Of these, 64% were pandemic 2009 H1N1 and 36% were H3N2.
- Wastewater detections for all three monitored pathogens are trending down for the second week in a row.
- Recommendations for individuals include staying up-to-date with all **recommended respiratory vaccines**. The CDC recommends everyone six months and older get both an annual flu shot (ideally by the end of October) and an updated 2023-2024 COVID-19 shot. New vaccines are also available for RSV this season. Talk to your health care provider about the RSV vaccine or RSV antibody shot if you have a child under 2, are over 60 years old, or are pregnant. Recommendations also include staying home when sick, avoiding contact with others who might be sick, and practicing good respiratory hygiene like washing your hands and covering your cough.
- Recommendations for communities and healthcare organizations include promoting equitable access to respiratory vaccines and tests, masks, medications, and support services. Support individuals to stay home when sick with respiratory symptoms or testing positive for COVID-19. Clinicians should review guidelines for **antiviral treatment** when respiratory pathogens are co-circulating and healthcare facilities may wish to consider additional **mitigation strategies** such as universal masking and visitor restrictions.

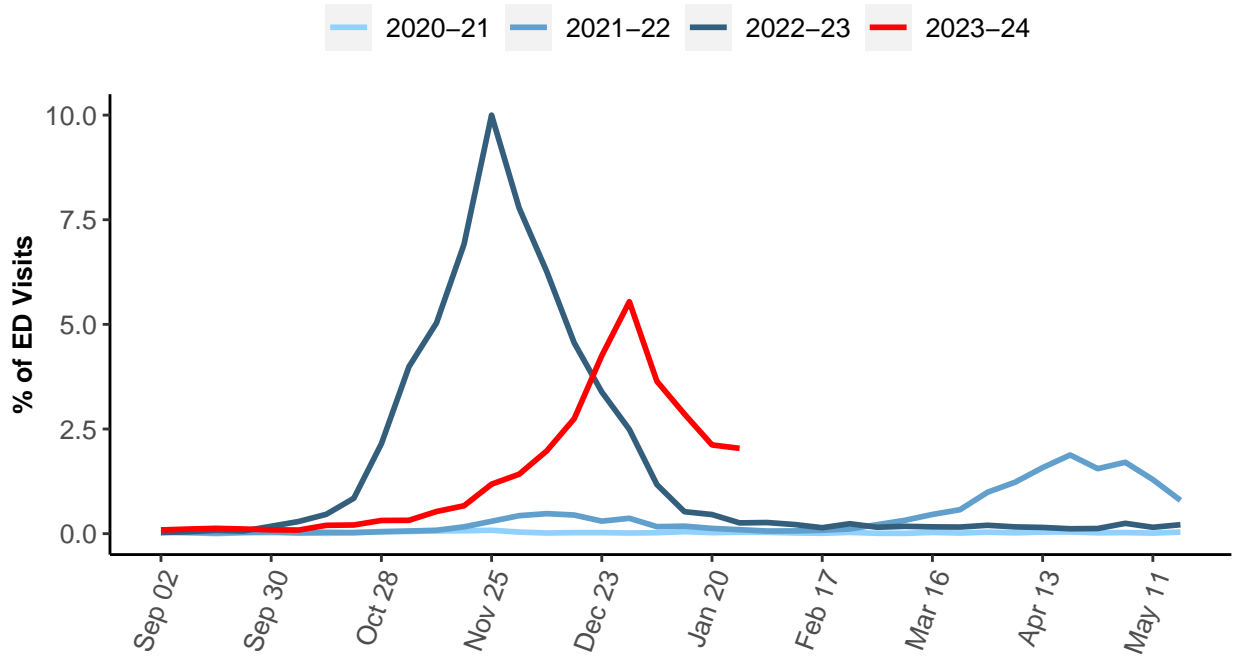
We would like to thank all of our surveillance partners for their help in collecting this information! For additional details on our methods, please visit <https://cookcountypublichealth.org/documents/cd/respiratory-surveillance-methods.html>



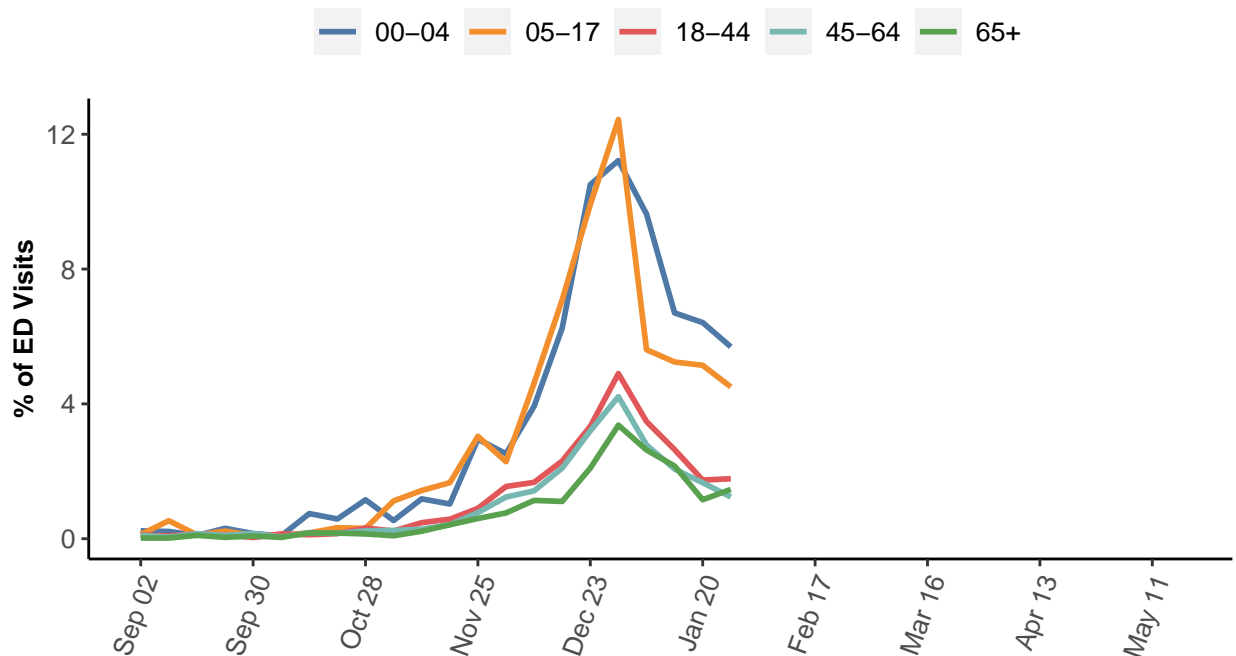
Emergency Rooms Visits by Respiratory Virus



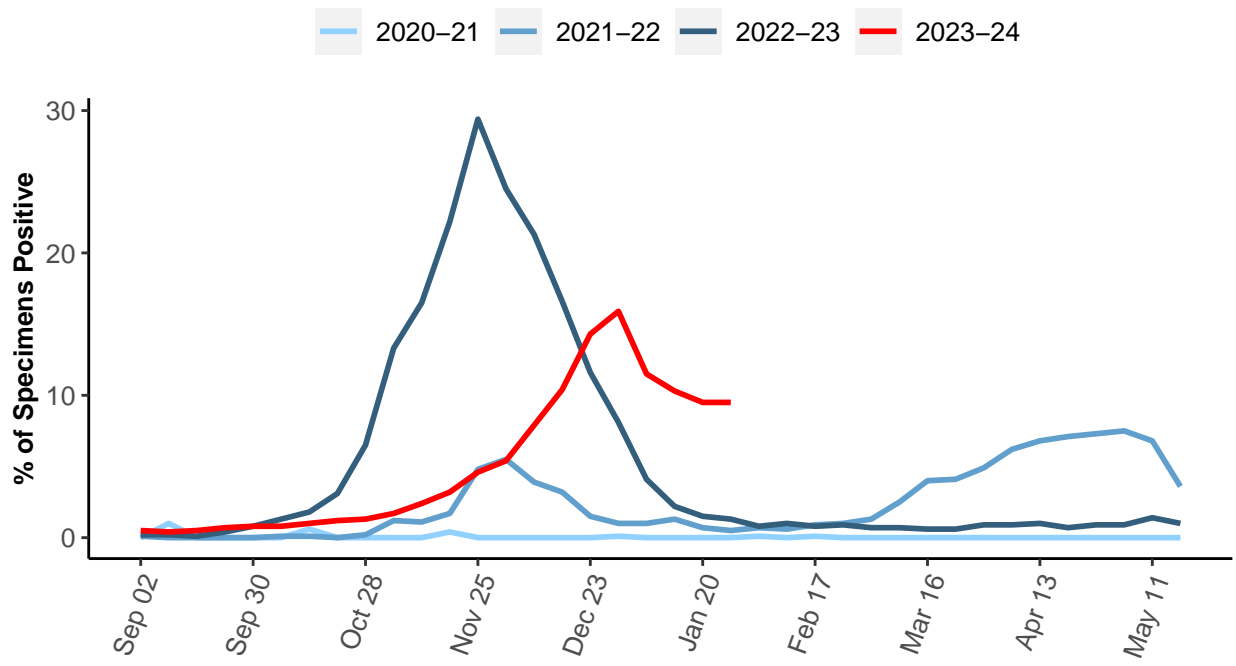
Emergency Rooms Visits for Flu By Season



Emergency Room Visits for Flu by Age

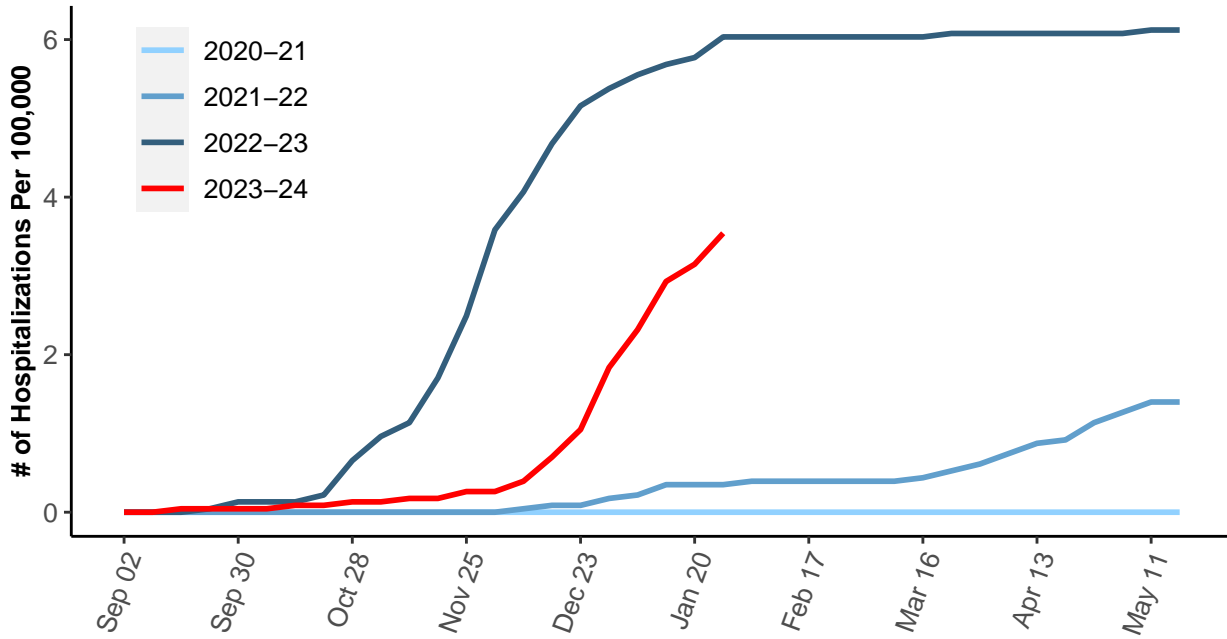


Percent of Respiratory Specimens Positive for Flu





Cumulative ICU Admission Rate for Flu



CDC Influenza-like Illness (ILI) Activity Levels by State

