

Season: 2025-26

Data are provisional and subject to change

Respiratory syncytial virus surveillance

Figures below show RSV visit data from emergency departments participating in ESSENCE-FL statewide for the current year and the previous 3 years. Timeseries begin on MMWR Week 40 to align with Florida's Flu Review report.

2022-23

2023-24

2024-25

2025-26

Figure 1: Percent of emergency department visits with discharge diagnoses of RSV didn't change from previous 3-week average

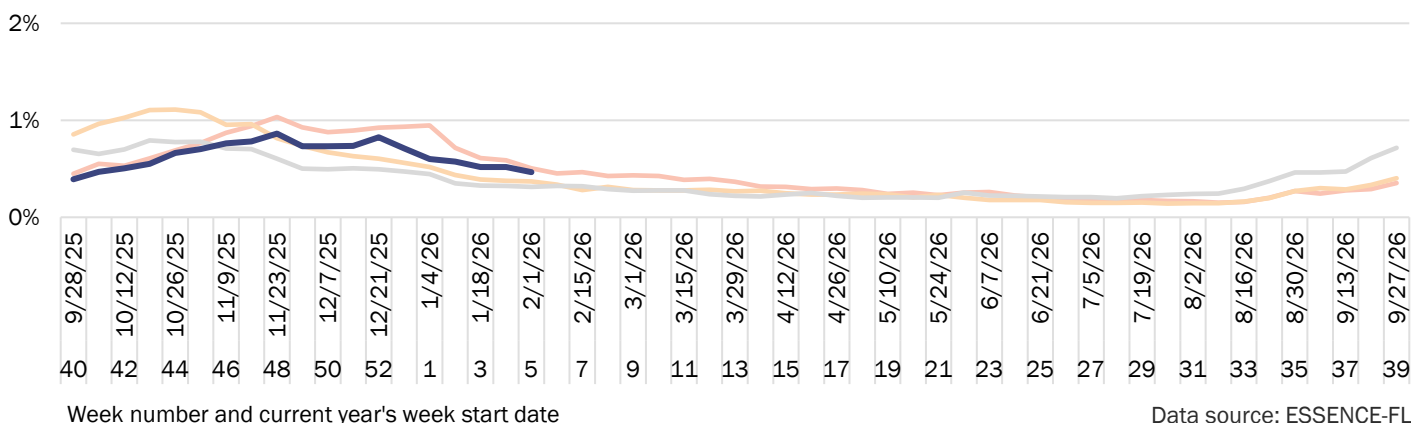


Figure 2: Percent of children <5 years with discharge diagnoses of RSV decreased from previous 3-week average

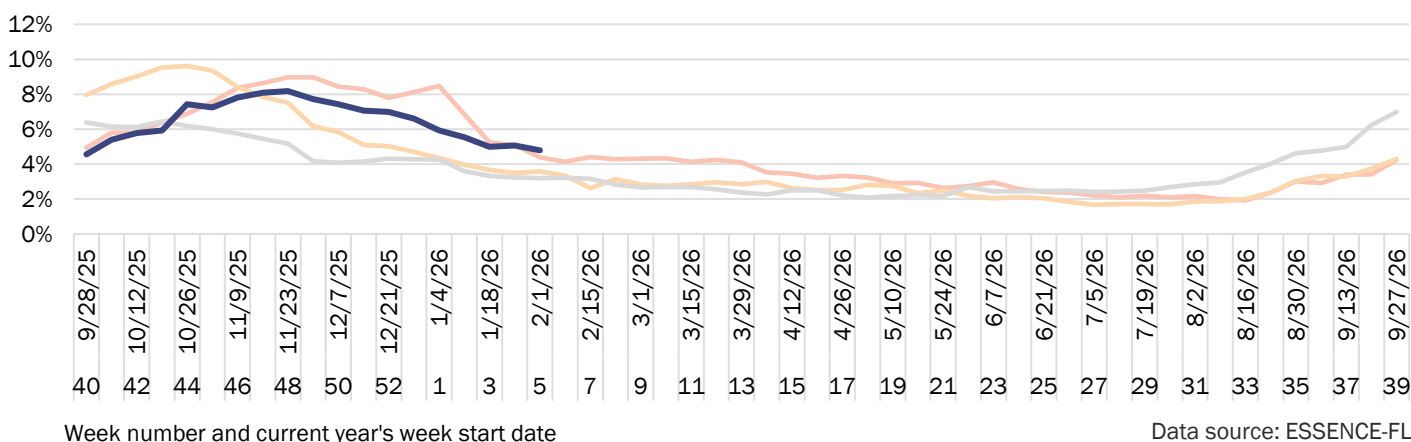
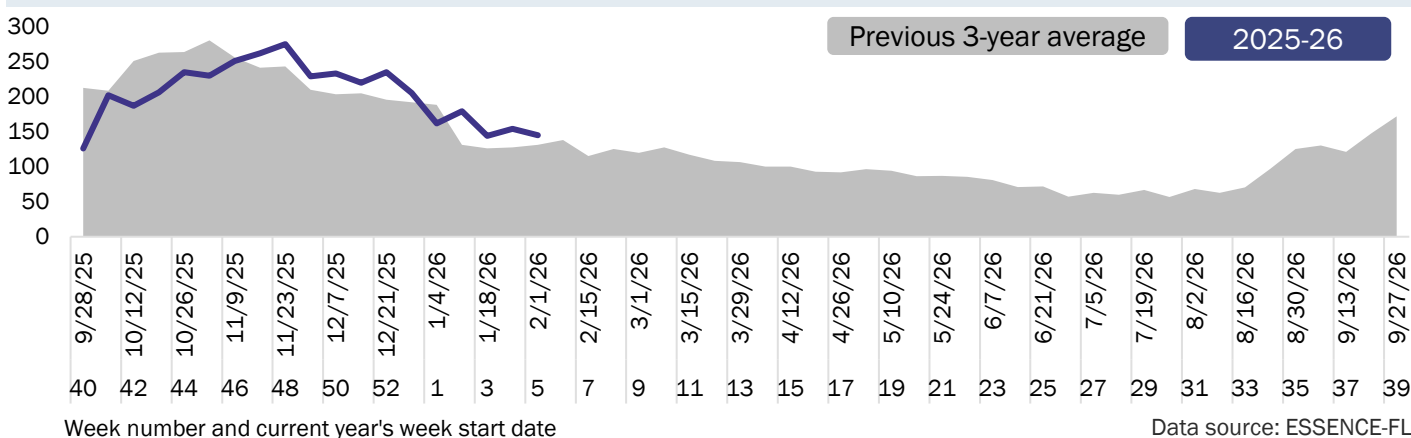


Figure 3: Number of children <5 years admitted with RSV decreased from previous 3-week average



Respiratory syncytial virus surveillance

Figure 4: Number of specimens tested and percent positive for RSV for the current RSV year

The most recent weeks may be incomplete since data are aggregated by the earliest date associated with the lab result

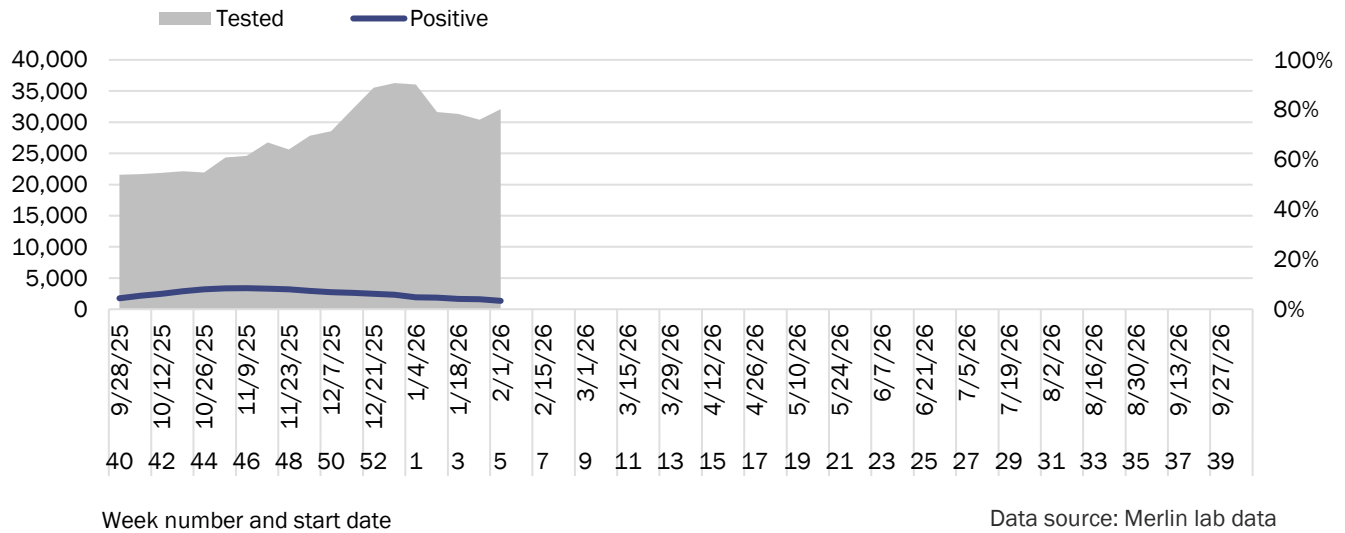


Figure 5: Number of specimens tested and percent positive for children <5 years for the current RSV year

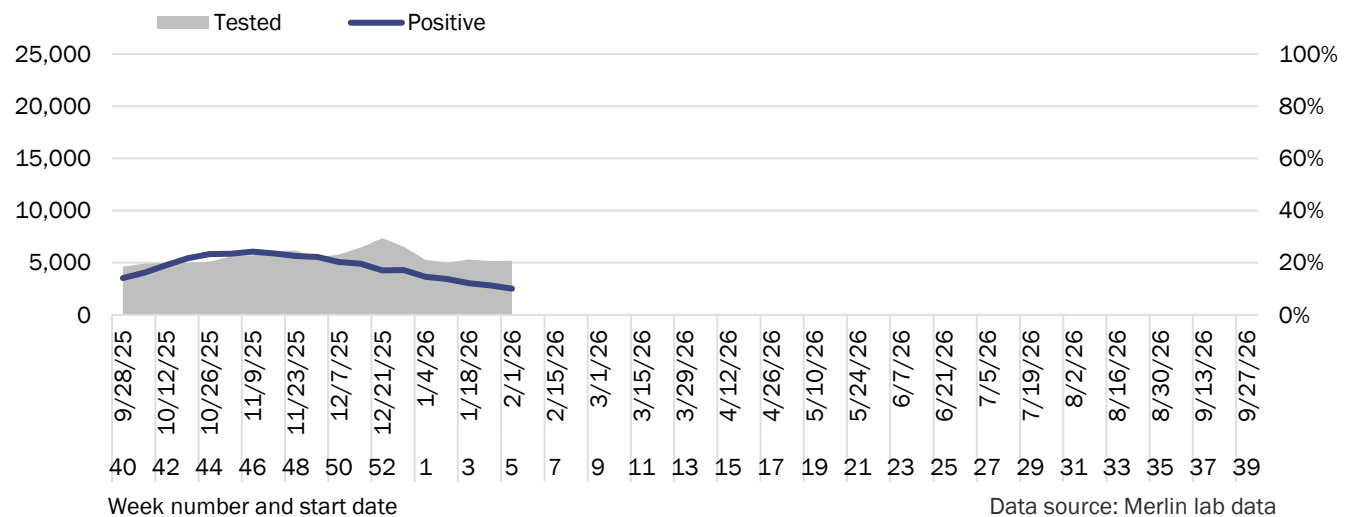


Figure 6: Admissions with RSV per 100,000 population for children <5 years for current and previous 3 years

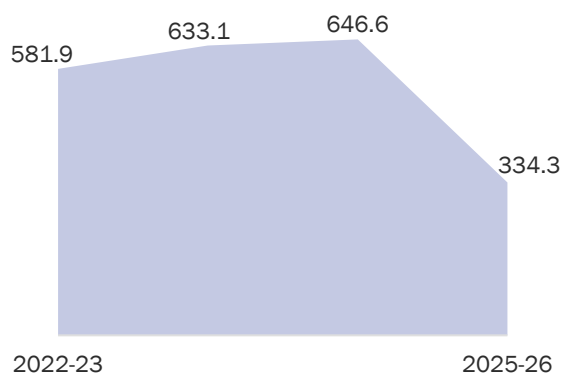
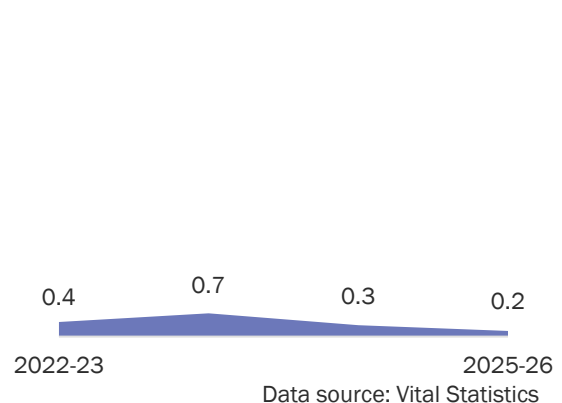


Figure 7: Deaths per 100,000 population for children <5 years for current and previous 3 years



Respiratory syncytial virus outbreak surveillance

Since the 2022-23 season, RSV outbreak numbers have started to return to more typical patterns observed pre-2020. However, RSV seasonal activity and trends can vary by region. Shifts in activity are ongoing and continuously monitored each season to track changes in patterns and seasonal onset.

Figure 8: RSV outbreaks during the current RSV year and previous 3 years

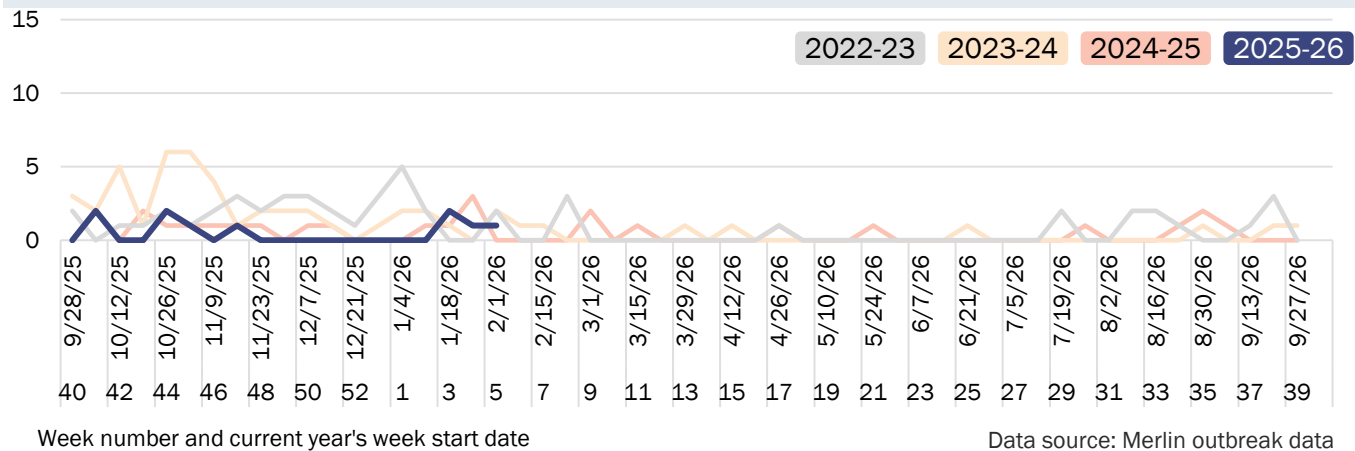


Figure 9: There have been a total of 10 outbreaks of RSV in the current season with 1 new outbreak in the current week

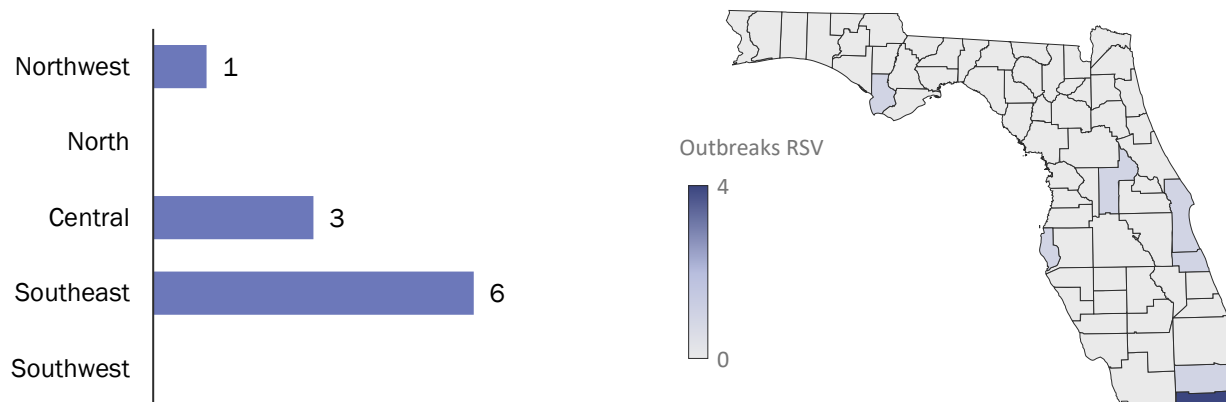
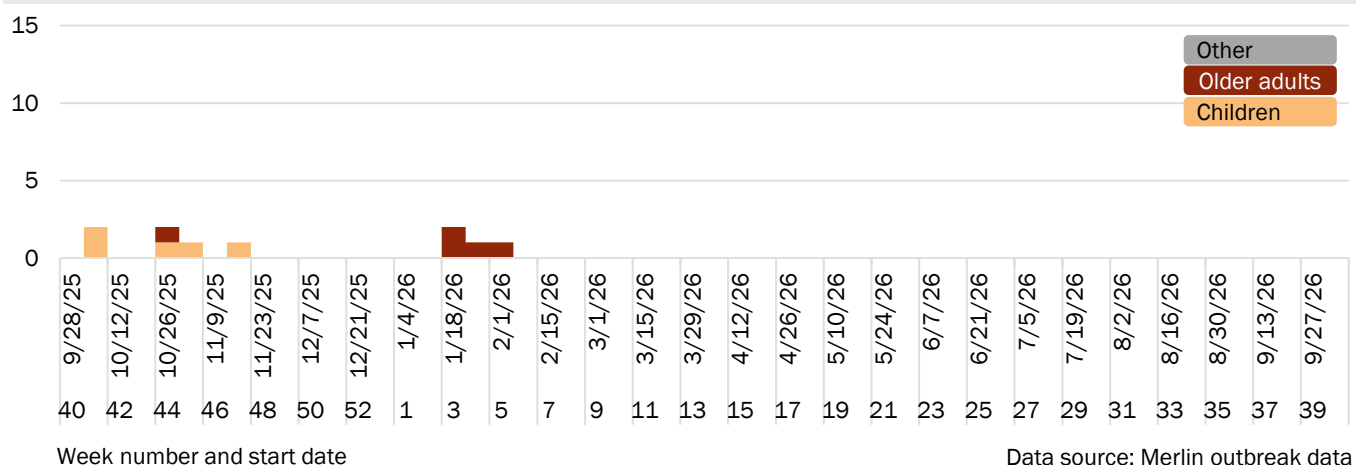


Figure 10: Number of RSV outbreaks by facility's primary age group served for the current RSV year



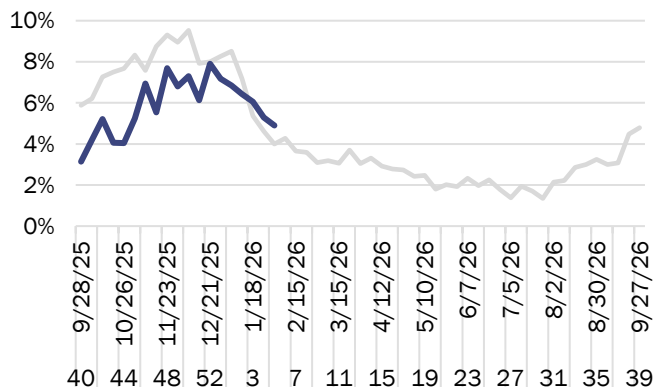
Regional respiratory syncytial virus activity for children <5 years

Figures below show the percent of emergency department visits with a discharge diagnosis of RSV for facilities participating in ESSENCE-FL by region for the current RSV year and the previous 3-year average.

Previous 3-year average

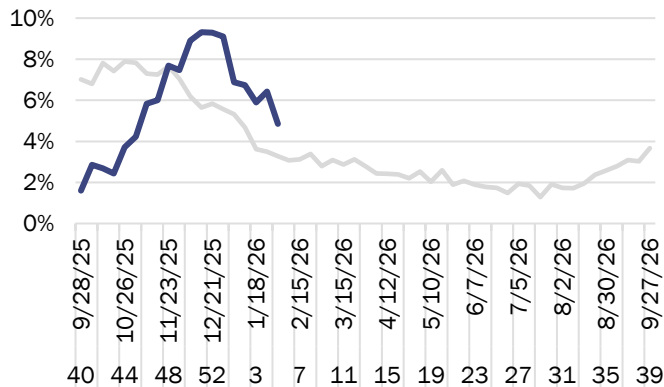
2025-26

Figure 11: Emergency department visits in the northwest region decreased



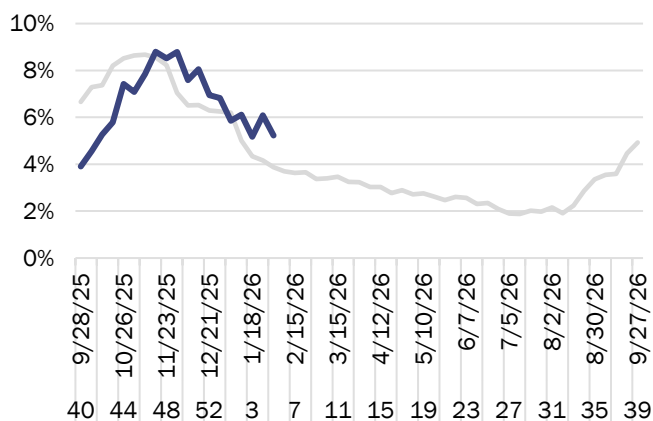
Week number and current year's week start date

Figure 12: Emergency department visits in the north region decreased



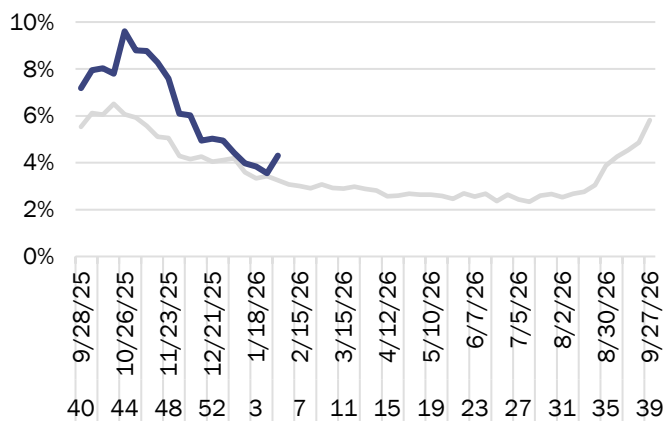
Week number and current year's week start date

Figure 13: Emergency department visits in the central region decreased



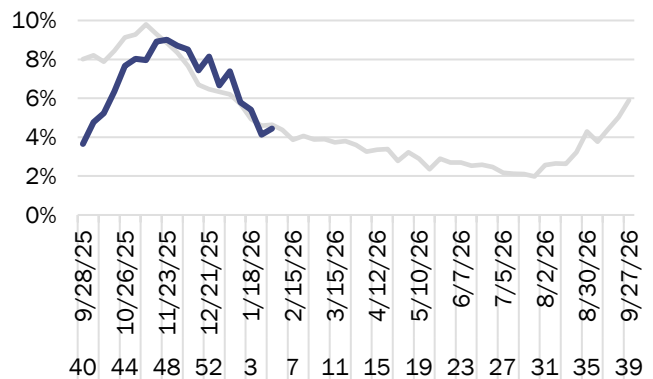
Week number and current year's week start date

Figure 14: Emergency department visits in the southeast region increased



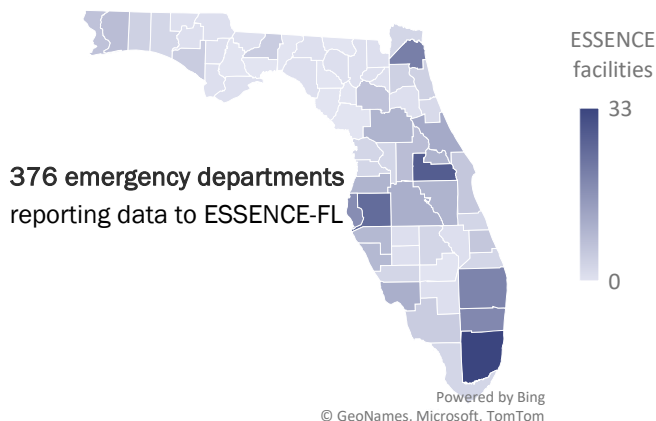
Week number and current year's week start date

Figure 15: Emergency department visits in the southwest region decreased



Week number and current year's week start date

Figure 16: Facilities reporting data to ESSENCE-FL



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Data source notes

All data are preliminary and subject to change.

ESSENCE-FL

Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE-FL) evaluates trends in RSV and RSV-related visits from emergency departments, free-standing emergency departments (FSEDs), and urgent care centers (UCCs). Facilities are continually onboarded in ESSENCE-FL, meaning the denominator updates with the most available data by calendar year. This report includes only patients residing in Florida.

Discharge diagnoses of RSV: people visiting participating emergency departments and FSEDs who have a discharge diagnosis of respiratory syncytial virus. Florida developed the query. This is presented in the report as a percentage of all visits to participating emergency departments and FSEDs for the week.

Hospital admissions with RSV diagnoses: people who were hospitalized with a discharge diagnosis of respiratory syncytial virus. Florida developed the query. Only data from emergency departments are included in these figures. Report figures use a rate per 100,000 population.

Merlin lab data

All RSV results, including positive and negative, are reportable in Florida for all laboratories participating in electronic laboratory reporting. The Florida Department of Health's Bureau of Public Health Laboratories performs testing on surveillance specimens from sentinel providers, outbreak investigations, and medical examiners.

Merlin outbreak data

RSV outbreaks are reportable in Florida. Reported outbreaks are investigated and documented in Merlin by local county health departments to track activity throughout the year compared to previous years.

RSV outbreaks are defined by setting type with at least one individual testing positive for RSV. Definitions by setting type include:

Facilities serving adults ≥65 years (long-term care facilities [nursing homes and skilled nursing facilities] and other long-term care facilities [assisted living facilities and intermediate care facilities for individuals with intellectual disabilities]): ≥2 ill individuals with symptoms within 72 hours, where ≥1 individual tests positive for RSV.

Facilities serving children (primary/secondary schools and daycares): ≥3 ill individuals with symptoms within 72 hours who are epidemiologically linked (see below for definition), where ≥1 individual tests positive for RSV.

Other settings: ≥2 ill individuals with symptoms within 72 hours, where ≥1 individual tests positive for RSV.

Household clusters are not counted as outbreaks.

Epidemiological linkage: individuals were present in the setting during the same time period (e.g., same classroom) and there is not a more likely source of exposure for identified cases (e.g., same household).

Vital Statistics death certificate

Death certificate data are queried for the terms respiratory syncytial, RSV, and ICD9/ICD10 codes J12, J210. Deaths with any of these terms are excluded: coronavirus, COVID, SARS, aspir, pneumonitis, parainfluenza, influenzae, H1N1, influenza, and ICD9/ICD10 codes U07.1, U071, J09, J10, J11, J219, J212, J213, J128, J123, J120. Deaths are aggregated by date of death. Prior to the 2021-22 year, they were aggregated by date of notification of death. Report figures use a rate per 100,000 population.

RSV activity trends

The following criteria are used to assess trends for RSV emergency department visits and lab positivity.

Increasing: current week is >0.001 higher than the previous 3-week average (i.e., 0.1%)

Decreasing: current week is >0.001 lower than the previous 3-week average

No change: current week is within +/-0.001 of the previous 3-week average

The "increase" or "decrease" of the current week's data is in comparison to the previous 3-week average, not just comparison to the previous week, which could have a different trend direction.