SAN MATEO COUNTY HEALTH

Weekly Respiratory Virus Report
Week 2026-02-01 - 2026-02-07

San Mateo County Health, Office of Epidemiology & Evaluation

February 12, 2026

Purpose: This report shows weekly changes for Influenza, SARS-CoV-2, and Respiratory Syncytial Virus (RSV). The report is updated on Fridays.

Report Highlights
Week 2026-02-01 - 2026-02-07

Influenza:

- Influenza test positivity levels have decreased slightly from the previous week.
- Influenza ED visit and Influenza A wastewater levels have increased slightly from the previous week.
- Influenza B wastewater levels have increased from the previous week and are the highest levels we've seen for this current respiratory season.
- It's estimated that 41.7% of San Mateo County residents have received the 2025-2026 Influenza vaccine as of 2026-02-12.*

COVID-19:

- COVID-19 test positivity, ED visit, and wastewater levels have remained relatively constant and low with levels below prior respiratory seasons (2023-2024 and 2024-2025).
- It's estimated that 22.7% of San Mateo County residents have received the 2025-2026 COVID-19 vaccine as of 2026-02-12.*

RSV:

- RSV test positivity levels have decreased from the previous week with levels remaining above prior respiratory seasons (2023-2024 and 2024-2025).
- RSV ED visit levels have increased from the previous week with levels surpassing prior respiratory seasons (2023-2024 and 2024- 2025).
- RSV wastewater levels have increased from the previous week with levels surpassing 2023-2024 respiratory season levels.
- It's estimated that there have been 13,503 recipients of the 2025-2026 RSV vaccine in San Mateo County as of 2026-02-12.*

*Please note that vaccination data in CAIR are considered to be an underestimate of actual vaccination rates. Patients may have incomplete vaccination records in CAIR if they moved or changed providers or if historical vaccinations were not imported into CAIR, and, thus, the data in CAIR are not a complete representation of all vaccine doses administered in San Mateo County.

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Influenza

2025-07-05 - 2026-07-04

Figure 1. Percent of Tests Positive for Influenza

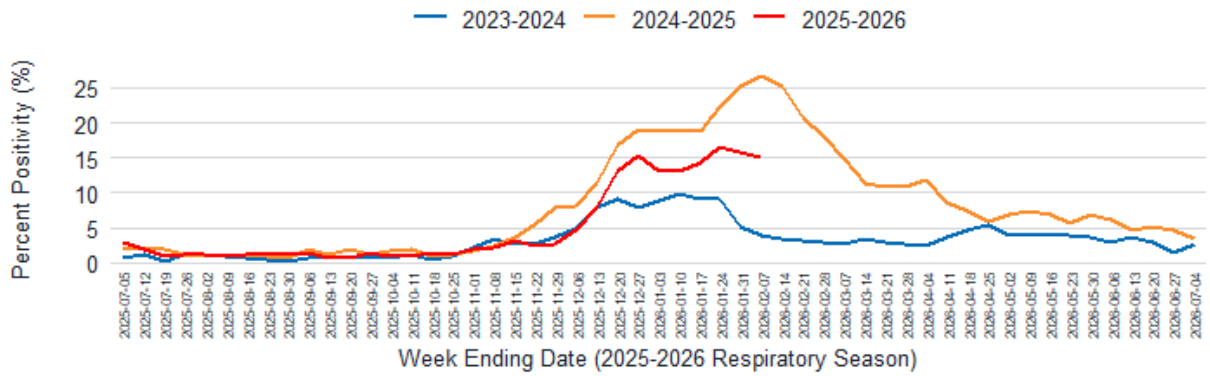


Figure 2. Emergency Department Visits for Influenza

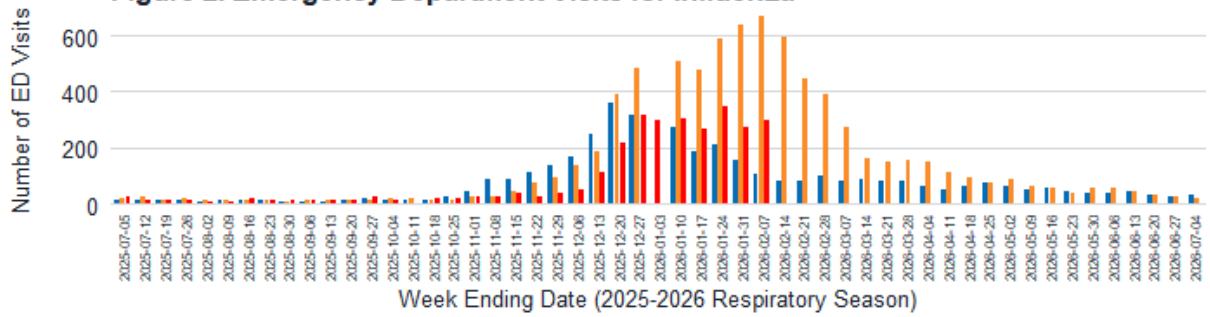


Figure 3. Influenza A Wastewater Concentration Level (WVAL)

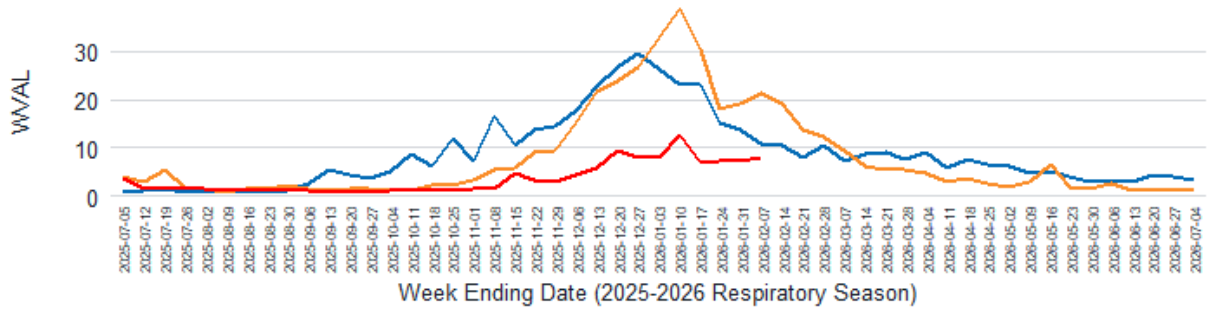
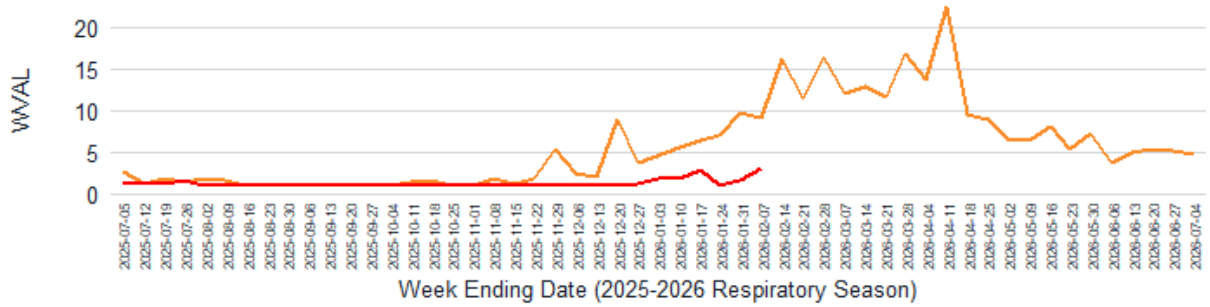


Figure 4. Influenza B Wastewater Concentration Level (WVAL)



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COVID-19

2025-07-05 - 2026-07-04

Figure 5. Percent of Tests Positive for SARS-CoV-2

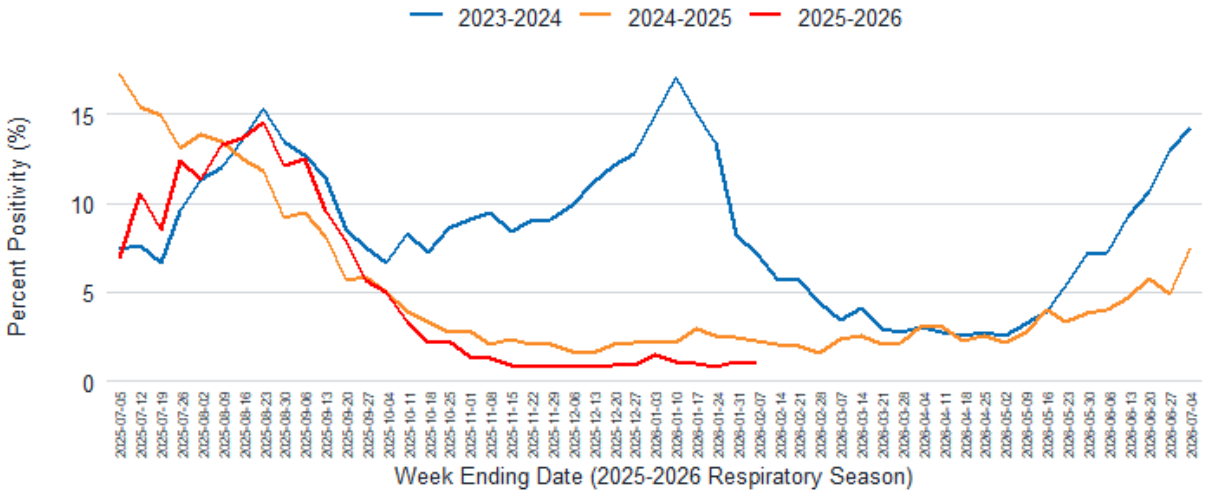


Figure 6. Emergency Department Visits for COVID-19

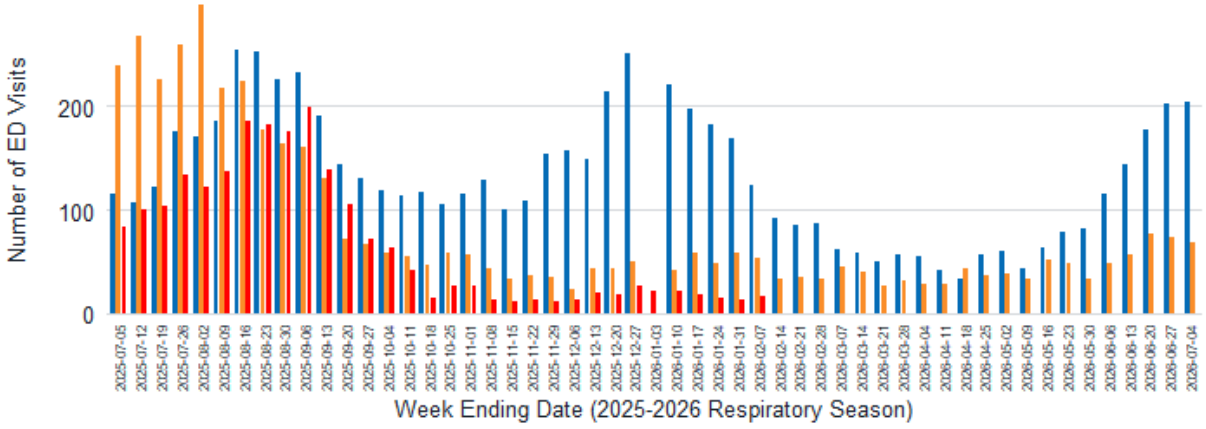
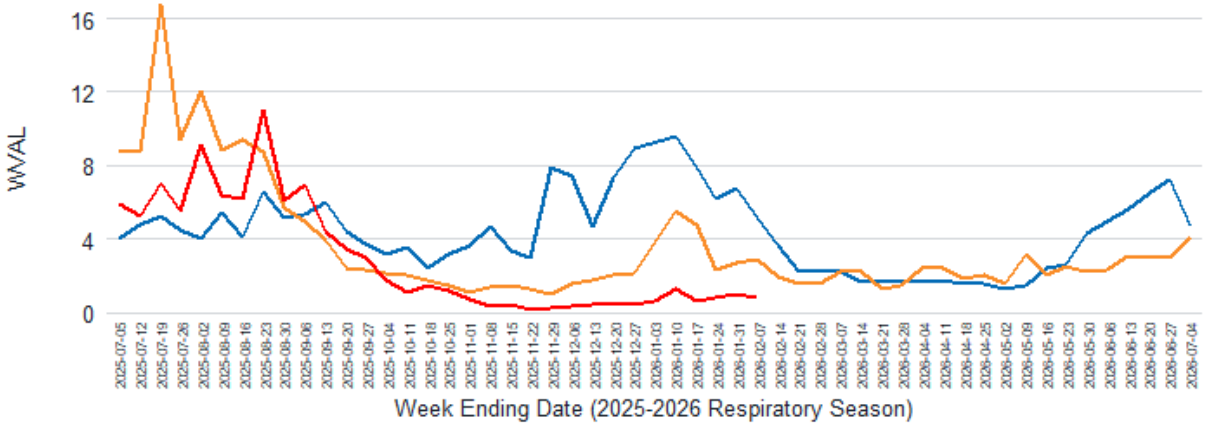


Figure 7. SARS-CoV-2 Wastewater Concentration Level (WVAL)



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RSV

2025-07-05 - 2026-07-04

Figure 8. Percent of Tests Positive for RSV

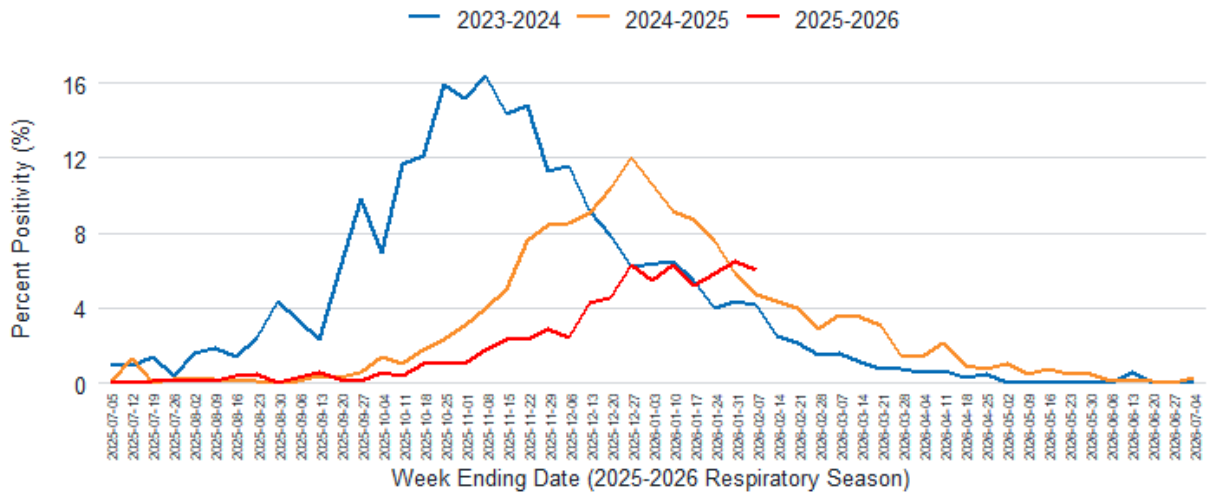


Figure 9. Emergency Department Visits for RSV

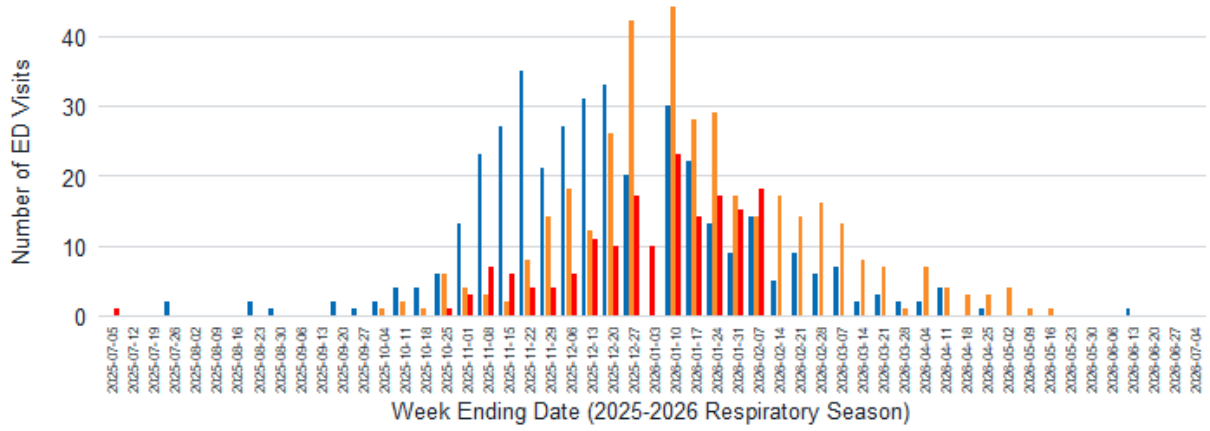
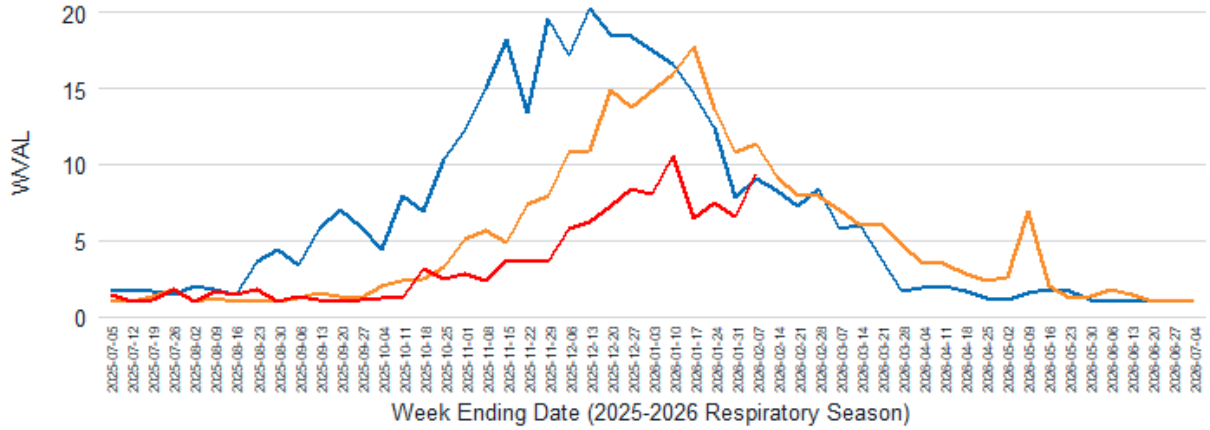


Figure 10. RSV Wastewater Concentration Level (WVAL)



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Appendix

Data Sources:

- **Laboratory:** Electronic Lab Reporting (ELR) via CalREDIE.
- **Emergency Department Visits:** National Syndromic Surveillance Program (NSSP) BioSense/ESSENCE (includes 7 SMC-area hospitals).
- **Wastewater:** 7 facilities across SMC with testing conducted at 3 laboratories including SMC Public Health Lab, Centers for Disease Control National Wastewater Surveillance System, and Wastewater SCAN.
- **Immunizations:** California Immunization Registry (CAIR). Please note that vaccination data in CAIR are considered to be an underestimate of actual vaccination rates. Patients may have incomplete vaccination records in CAIR if they moved or changed providers or if historical vaccinations were not imported into CAIR, and, thus, the data in CAIR are not a complete representation of all vaccine doses administered in San Mateo County.
- **San Mateo County Population Estimates:** California Department of Finance (DOF) Population Estimates.

Data Notes:

- **Percent Test Positivity:** Calculated by dividing the number of positive polymerase chain reaction (PCR) tests by all PCR tests reported. Results are grouped by CDC disease weeks based on specimen collected date.
- **Number of Emergency Department Visits:** Visits were included if the discharge diagnosis field contained the respective International Classification of Diseases-10th revision (ICD-10) codes.
- **Wastewater Concentration Level:** The amount of a respiratory pathogen in the wastewater combined across all sites in SMC using the Wastewater Viral Activity Level (WVAL) method, which is based on the number of standard deviations over a baseline of 10% concentration using log-transformed data. Wastewater concentration levels are calculated by comparing the current concentration in wastewater to percentiles of historical concentrations: below the 33rd Percentile (Low), between the 33rd Percentile and the 66th percentile (Medium), or above 66th Percentile (High).
- **Percent Up-to-Date Vaccine Recipients:** Percent of all San Mateo County residents that are considered “up-to-date” for COVID-19 and Influenza vaccines. For the Influenza vaccine, recipients are considered “up-to-date” if they received the vaccine within the respiratory virus season (July 1 of each year). For the COVID-19 vaccine, recipients are considered “up-to-date” if they received the vaccine within the respiratory virus season for a given year (2023-2024 season: 09/11/23-08/21/24; 2024-2025 season: 08/22/24-08/26/25; 2025-2026 season: 08/27/25 – Present). As the RSV vaccine is not recommended for all ages, percent of up-to-date recipients was not calculated.
- **Number of Vaccine Dose Administered:** Doses were included if the vaccine dose was administered during the respiratory virus season. For Influenza and RSV vaccines, the start of the respiratory virus season is July 1 of each year. For COVID-19 vaccine, the start of the respiratory virus season varies by year (2023-2024 season: 09/11/23-08/21/24; 2024-2025 season: 08/22/24-08/26/25; 2025-2026 season: 08/27/25 – Present).
- **CDC Disease Week:** Respiratory virus surveillance data are displayed by CDC Disease Week starting with week 27 and ending with week 26 of the following year, which roughly corresponds to July through June.

Additional Notes: This report was generated by the San Mateo County Health Office of Epidemiology & Evaluation (OEE) on 02/12/2026. If you have any questions about the data, please contact Madelyn Sather (msather@smcgov.org) or epidemiology@smcgov.org.