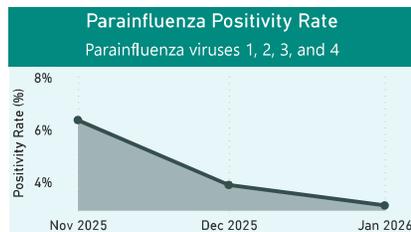
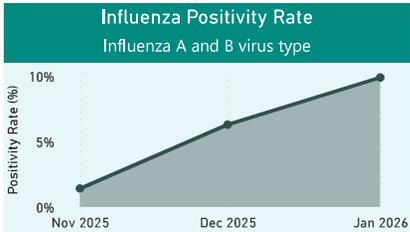
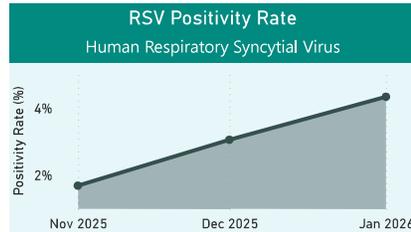
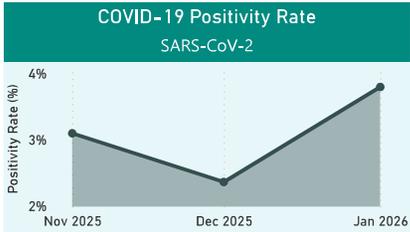


Respiratory Pathogen Trend Report

Powered by Vanta Diagnostics COVID-19 and Respira-ID™ Test Panels

November 2025 - January 2026

Data Source: All test results are derived from Vanta Diagnostics's COVID-19 and Respira-ID™ test panels.



Overall Patient Positivity Rate

63.66%

Patients with at least one positive test

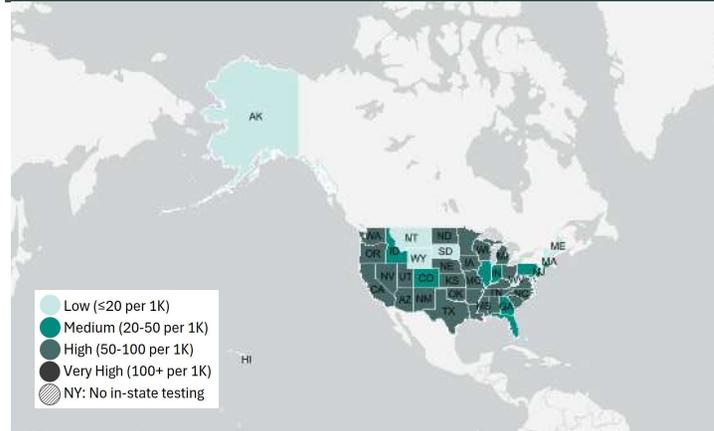
Overall Co-Infection Rate

23.84%

Patients with at least two pathogens detected

Patient Positivity Rates by State

Patients with positive respiratory test results per 1,000 tested



Pathogen Trend Activity

Trending Up

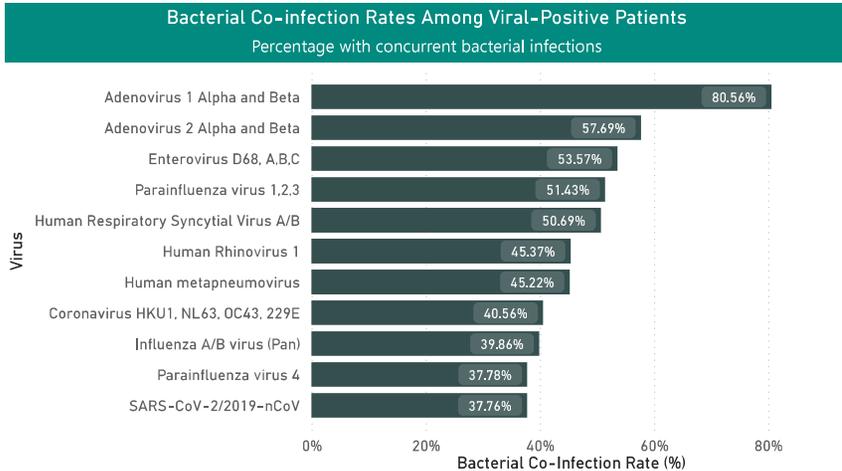
Pathogen	Change in Positivity (%)
Human Respiratory Syncytial Virus A/B	+2.7%
Human metapneumovirus	+2.8%
Coronavirus HKU1, NL63, OC43, 229E	+5.5%
Influenza A/B virus (Pan)	+8.5%

Moderate Activity

Pathogen	Change in Positivity (%)
Streptococcus pneumoniae	+0.2%
SARS-CoV-2/2019-nCoV	+0.7%
Legionella pneumophila	0.0%
Parainfluenza virus 4	0.0%
Adenovirus 1 Alpha and Beta	-0.1%
Bordetella pertussis	-0.1%
Chlamydia pneumoniae	-0.1%
Mycoplasma pneumoniae	-0.1%
Adenovirus 2 Alpha and Beta	-0.4%
Streptococcus pyogenes (Group A)	-0.4%
Enterovirus D68, A,B,C	-0.5%
Staphylococcus aureus	-0.5%
Klebsiella pneumoniae	-1.0%
Haemophilus influenzae	-1.5%

Trending Down

Pathogen	Change in Positivity (%)
Parainfluenza virus 1,2,3	-3.3%
Human Rhinovirus 1	-11.6%



Key Trends

COVID-19 (SARS-CoV-2): Showed an initial decrease from approximately 3% in November to 2.4% in December, followed by an increase to 3.8% by January, demonstrating a slight shift from declining to rising transmission as the winter season continued.

RSV (Human Respiratory Syncytial Virus): Showed consistent upward growth from approximately 1.7% in November to 4.3% by January, reflecting continued seasonal increase throughout the winter period and demonstrating sustained circulation typical of peak RSV season.

Influenza A and B virus types: Experienced substantial increase from approximately 1.4% in November to 10% by January, with steady increases throughout the three-month period, indicating notable seasonal influenza activity and heightened transmission during the winter months.

Parainfluenza (viruses 1, 2, 3, and 4): Demonstrated continued downward trend from approximately 6.4% in November to 3% by January, declining steadily across the entire period and suggesting reduced circulation despite typical winter respiratory season conditions.

Footnotes:

- Overall Positivity Rate: percentage of patients who tested positive for any respiratory pathogen; patients may have been tested for multiple pathogens
- Overall Co-Infection rate: percentage of patients testing positive for multiple pathogens; includes any combination of viral and bacterial respiratory pathogens detected in the same patient
- Bacterial Co-infection Rate: percentage of viral-positive patients who also tested positive for bacterial pathogens
- Patient Positivity Rate Per State: number of patients with at least one positive test per 1,000 patients tested by state. Geographic analysis based on state where the ordering provider is located.
- Pathogen Trend Activity: Trends compare the first and last month of data for selected time period. "Trending Up/Down" indicates increases/decreases $\pm 2\%$. "Moderate Activity" indicates changes within $\pm 2\%$ per month

Disclaimer: Data provided "as is" for informational purposes only and not intended for clinical treatment guidance.

