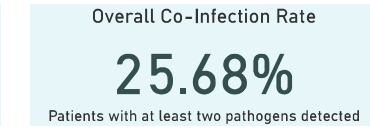
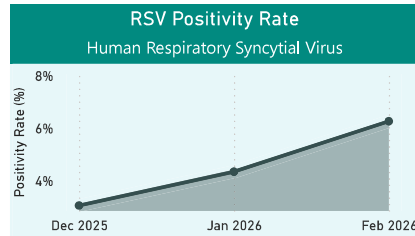
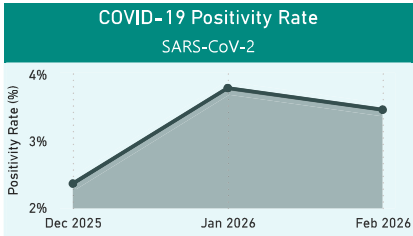


Respiratory Pathogen Trend Report

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

December 2025 - February 2026

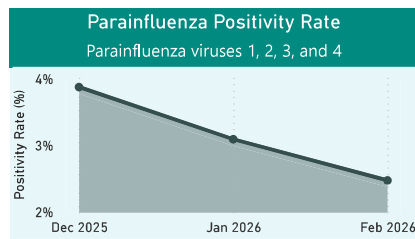
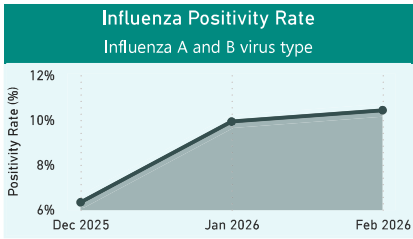
Data Source: All test results are derived from Vanta Diagnostics's COVID-19 and Respira-ID™ test panels.



Pathogen Trend Activity

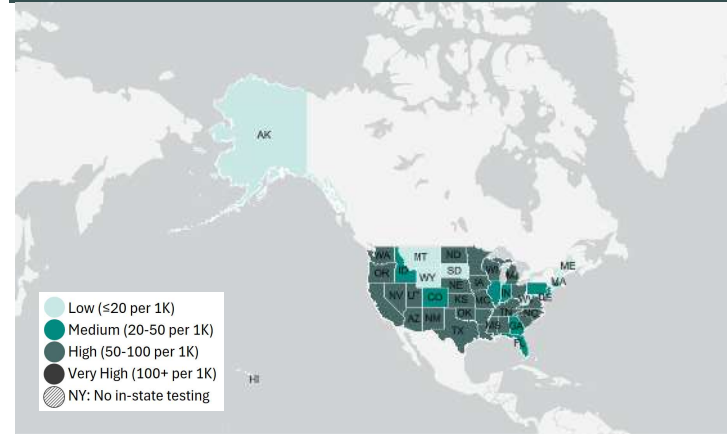
Trending Up

Pathogen	Change in Positivity (%)
Staphylococcus aureus	+8.9%
Coronavirus HKU1, NL63, OC43, 229E	+7.3%
Influenza A/B virus (Pan)	+4.1%
Human Respiratory Syncytial Virus A/B	+3.2%
Klebsiella pneumoniae	+2.3%
Haemophilus influenzae	+2.0%
Streptococcus pneumoniae	+2.0%



Patient Positivity Rates by State

Patients with positive respiratory test results per 1,000 tested

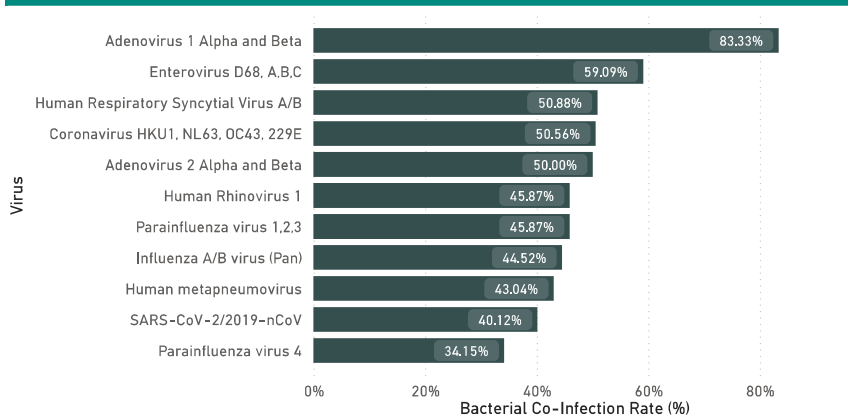


Moderate Activity

Pathogen	Change in Positivity (%)
Bordetella pertussis	+0.1%
Streptococcus pyogenes (Group A)	+0.1%
Adenovirus 1 Alpha and Beta	+0.5%
Human metapneumovirus	+1.0%
SARS-CoV-2/2019-nCoV	+1.1%
Legionella pneumophila	0.0%
Adenovirus 2 Alpha and Beta	-0.2%
Chlamydia pneumoniae	-0.2%
Mycoplasma pneumoniae	-0.2%
Parainfluenza virus 4	-0.5%
Enterovirus D68, A,B,C	-0.6%
Parainfluenza virus 1,2,3	-0.9%

Bacterial Co-infection Rates Among Viral-Positive Patients

Percentage with concurrent bacterial infections



Esri, TomTom, FAO, NOAA, USGS, NRCAN Powered by Esri

Key Trends

COVID-19 (SARS-CoV-2): Increased from approximately 2.4% in December to 4.8% in January before declining slightly to 3.5% by February, showing elevated transmission during the early winter months with a modest reduction toward the end of the period.

RSV (Human Respiratory Syncytial Virus): Steady upward growth from approximately 3.0% in December to 6.3% by February, reflecting continued seasonal increase throughout the winter period and indicating sustained circulation consistent with peak RSV season activity.

Influenza A and B virus types: Substantial growth from approximately 6.3% in December to 10.4% by February, with consistent increases throughout the three-month period, indicating high seasonal influenza activity and elevated transmission during the winter months.

Parainfluenza (viruses 1, 2, 3, and 4): Continued downward trend from approximately 3.9% in December to 2.5% by February, declining steadily across the entire period and demonstrating reduced circulation despite ongoing 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.