



VIKORSCIENTIFIC



KORGENE

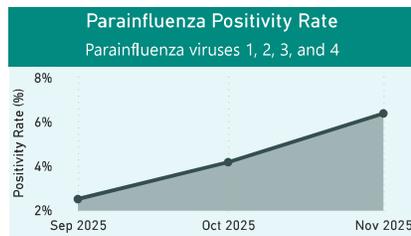
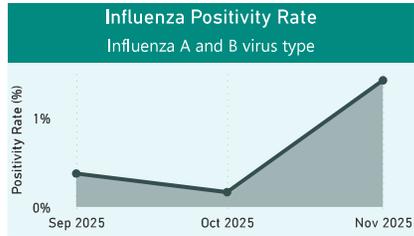
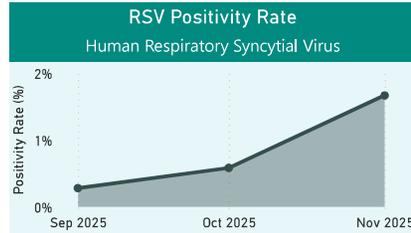
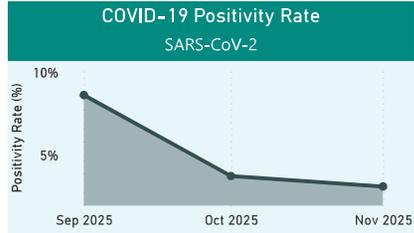
Respiratory Pathogen Trend Report

Powered by Vikor Scientific COVID-19 and Respira-ID™ Test Panels

Owned and operated by Verify Diagnostics LLC

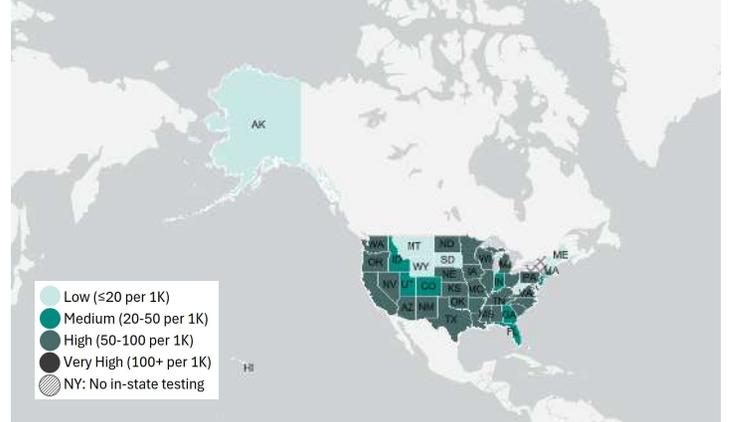
September - November 2025

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



Patient Positivity Rates by State

Patients with positive respiratory test results per 1,000 tested



Pathogen Trend Activity

Trending Up

Pathogen	Change in Positivity (%)
Parainfluenza virus 1,2,3	+3.0%
Haemophilus influenzae	+3.3%

Moderate Activity

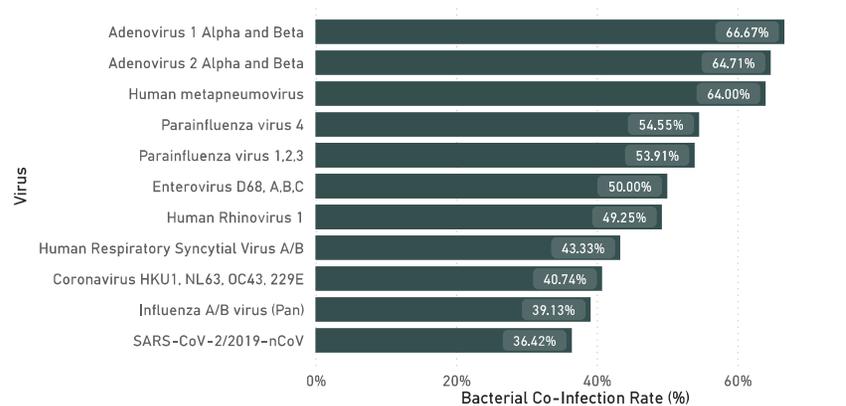
Pathogen	Change in Positivity (%)
Mycoplasma pneumoniae	+0.1%
Klebsiella pneumoniae	+0.3%
Adenovirus 1 Alpha and Beta	+0.4%
Human metapneumovirus	+0.5%
Adenovirus 2 Alpha and Beta	+0.6%
Streptococcus pyogenes (Group A)	+0.8%
Parainfluenza virus 4	+0.9%
Influenza A/B virus (Pan)	+1.0%
Human Respiratory Syncytial Virus A/B	+1.4%
Staphylococcus aureus	+1.9%
Bordetella pertussis	0.0%
Legionella pneumophila	0.0%
Coronavirus HKU1, NL63, OC43, 229E	-0.1%
Chlamydia pneumoniae	-0.2%
Streptococcus pneumoniae	-1.0%

Trending Down

Pathogen	Change in Positivity (%)
Human Rhinovirus 1	-6.0%
SARS-CoV-2/2019-nCoV	-5.5%
Enterovirus D68, A,B,C	-3.5%

Bacterial Co-infection Rates Among Viral-Positive Patients

Percentage with concurrent bacterial infections



Key Trends

COVID-19 (SARS-CoV-2): Continued downward trajectory from September through November, declining from approximately 9% to 3%, with the steepest decrease occurring between September and October, indicating sustained reduction in circulation as the fall season progressed.

RSV (Human Respiratory Syncytial Virus): Steady upward trend from approximately 0.3% in September to 1.7% by November, with more pronounced increase between October and November, suggesting the typical seasonal increase associated with fall and early winter months.

Influenza A and B virus types: Initial decline from approximately 0.4% in September to 0.2% in October, followed by a slight increase to 1.5% by November, indicating the beginning of seasonal influenza activity as winter approaches.

Parainfluenza (viruses 1, 2, 3, and 4): Consistent upward growth from approximately 2.5% in September to 6.5% by November, demonstrating steady increases throughout the three-month period and reflecting elevated circulation during the fall season.

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.

