

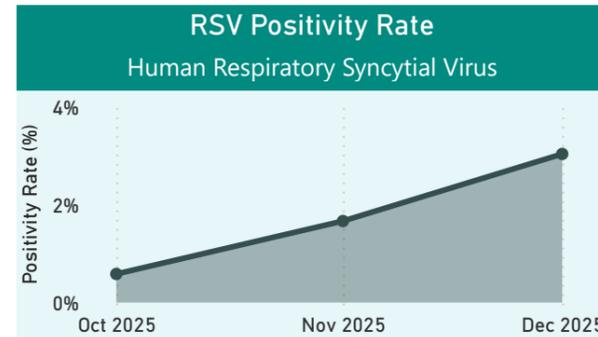
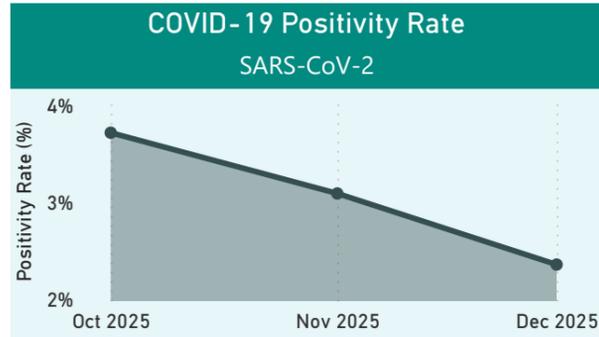
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Respiratory Pathogen Trend Report

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

October - December 2025

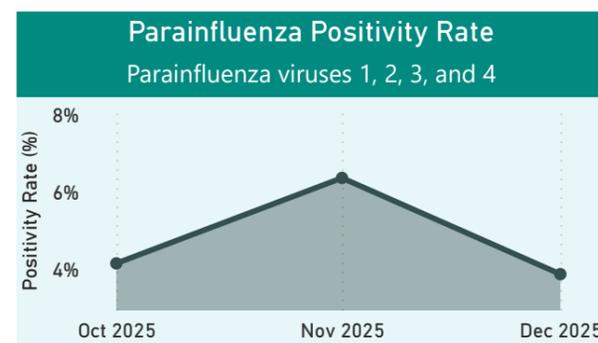
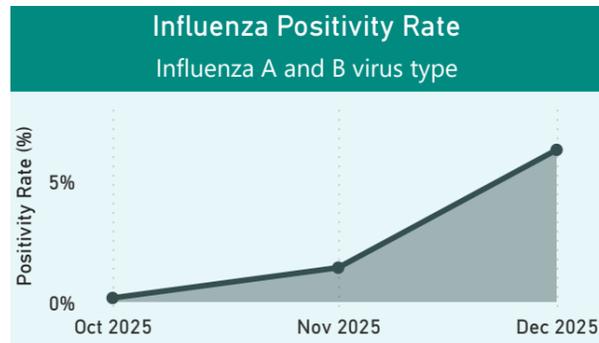
Data Source: All test results are derived from Vikor Scientific's COVID-19 and Respira-ID™ test panels.



Pathogen Trend Activity

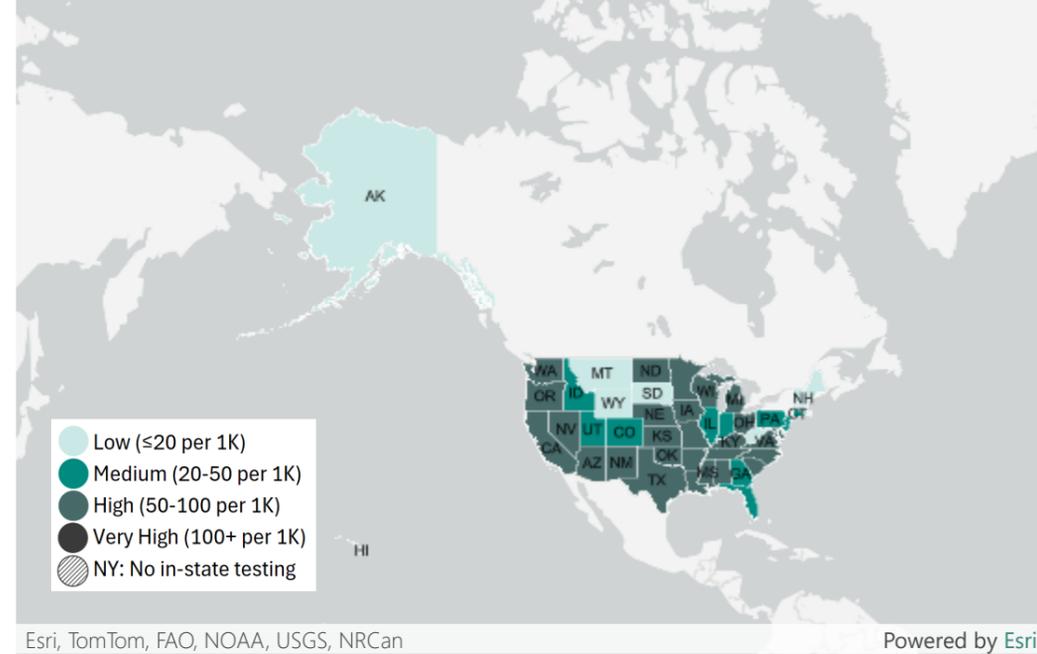
Trending Up

Pathogen	Change in Positivity (%)
Human Respiratory Syncytial Virus A/B	+2.5%
Coronavirus HKU1, NL63, OC43, 229E	+3.4%
Influenza A/B virus (Pan)	+6.1%



Patient Positivity Rates by State

Patients with positive respiratory test results per 1,000 tested

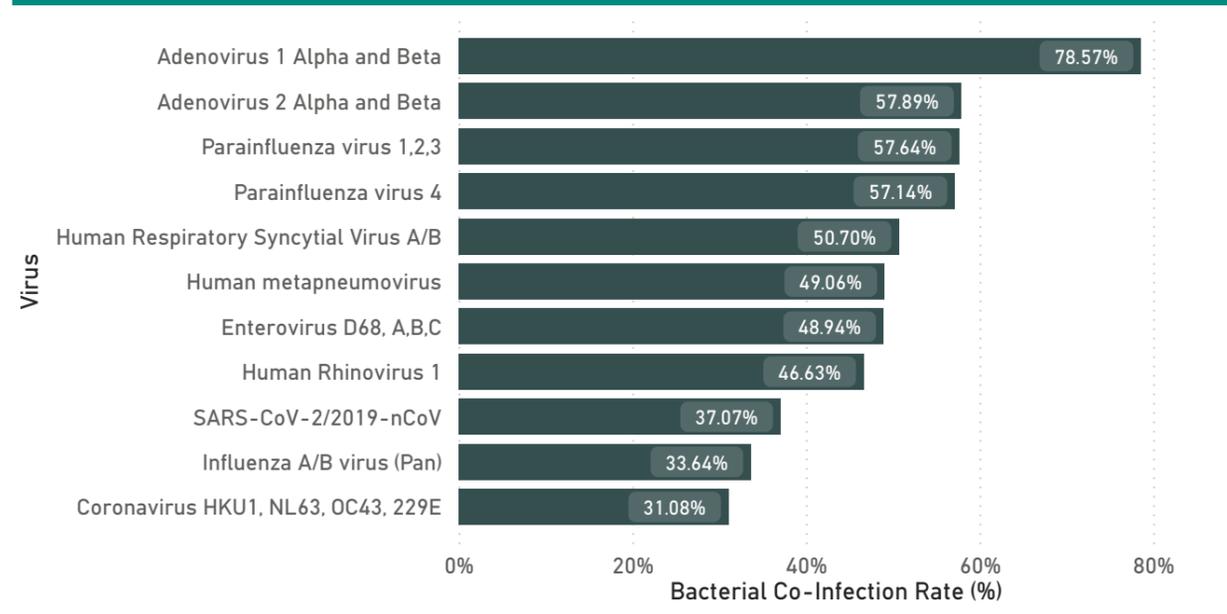


Moderate Activity

Pathogen	Change in Positivity (%)
Adenovirus 2 Alpha and Beta	+0.1%
Chlamydomphila pneumoniae	+0.1%
Parainfluenza virus 4	+0.2%
Adenovirus 1 Alpha and Beta	+0.3%
Human metapneumovirus	+1.6%
Haemophilus influenzae	+1.7%
Bordetella pertussis	0.0%
Legionella pneumophila	0.0%
Streptococcus pyogenes (Group A)	-0.1%
Klebsiella pneumoniae	-0.2%
Mycoplasma pneumoniae	-0.3%
Streptococcus pneumoniae	-0.3%
Parainfluenza virus 1,2,3	-0.5%
Enterovirus D68, A,B,C	-1.3%
SARS-CoV-2/2019-nCoV	-1.4%

Bacterial Co-infection Rates Among Viral-Positive Patients

Percentage with concurrent bacterial infections



Key Trends

COVID-19 (SARS-CoV-2): Continued to decline from October through December, decreasing from approximately 3.8% to 2.4%, showing persistent reduction in transmission throughout the late fall and early winter months.

RSV (Human Respiratory Syncytial Virus): Showed consistent growth from approximately 0.6% in October to 3.0% by December, aligning with typical winter seasonal patterns and indicating elevated circulation as colder weather arrived.

Influenza A and B virus types: Experienced marked increase from near-zero levels in October (approximately 0.2%) to 6.3% by December, with particularly strong growth between November and December, signaling the onset of seasonal influenza activity during the winter period.

Parainfluenza (viruses 1, 2, 3, and 4): Rose from approximately 4.2% in October to 6.4% in November before dropping to 3.9% by December, showing inconsistent circulation with a notable reduction following the mid-period peak.

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 $\geq +2\%$. '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..

