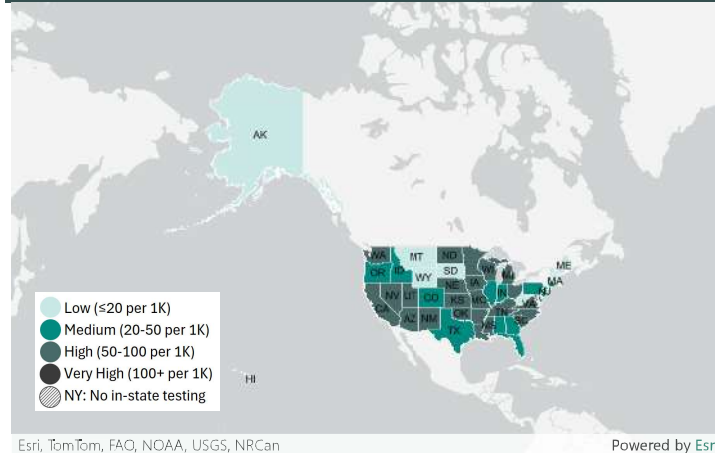
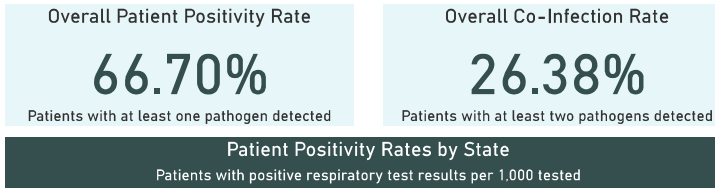
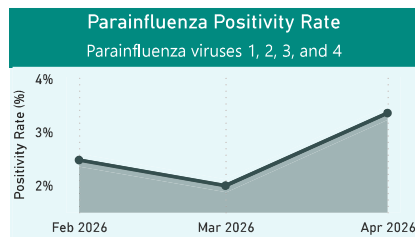
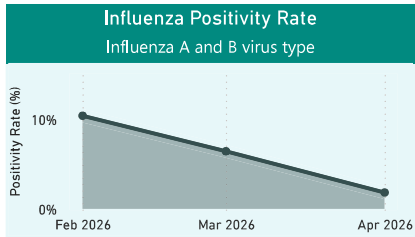
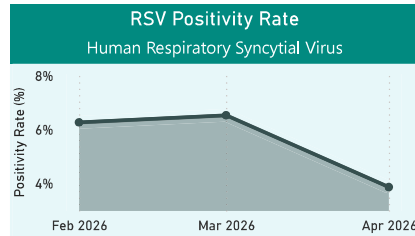
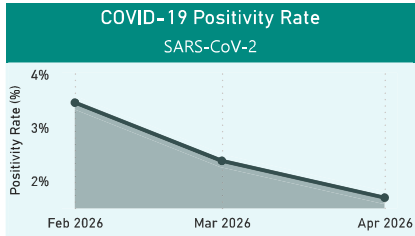


# Respiratory Pathogen Trend Report

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

February 2026 - April 2026

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



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

### Pathogen Trend Activity

**Trending Up**

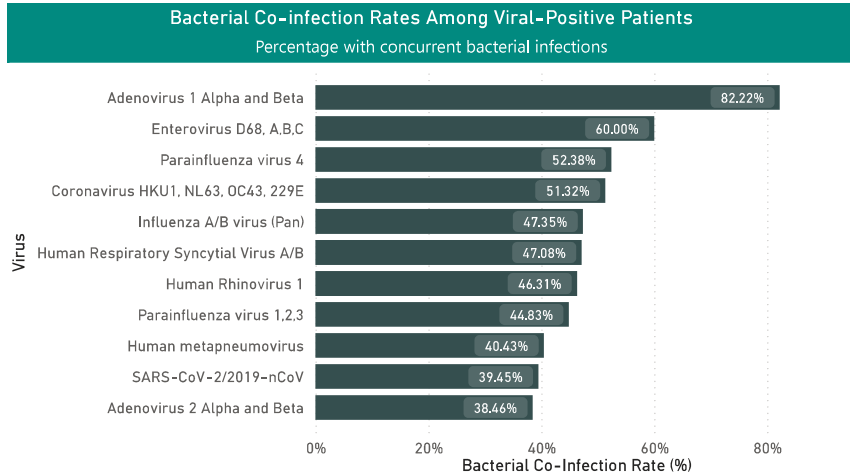
Pathogen	Change in Positivity (%)
Human Rhinovirus 1	+5.5%
Human metapneumovirus	+2.3%

**Moderate Activity**

Pathogen	Change in Positivity (%)
Legionella pneumophila	
Bordetella pertussis	+0.1%
Haemophilus influenzae	+0.1%
Adenovirus 2 Alpha and Beta	+0.2%
Mycoplasma pneumoniae	+0.2%
Parainfluenza virus 4	+0.2%
Parainfluenza virus 1,2,3	+0.7%
Adenovirus 1 Alpha and Beta	-0.1%
Chlamydomydia pneumoniae	-0.2%
Enterovirus D68, A,B,C	-0.2%
Streptococcus pyogenes (Group A)	-0.3%
Streptococcus pneumoniae	-1.6%
SARS-CoV-2/2019-nCoV	-1.8%

**Trending Down**

Pathogen	Change in Positivity (%)
Staphylococcus aureus	-11.2%
Human Respiratory Syncytial Virus A/B	-2.4%
Klebsiella pneumoniae	-3.4%
Coronavirus HKU1, NL63, OC43, 229E	-6.3%
Influenza A/B virus (Pan)	-8.6%



## Key Trends

**COVID-19 (SARS-CoV-2):** Continued to decline from approximately 3.5% in February to 1.7% by April, demonstrating sustained reduction in transmission as winter transitioned into spring, consistent with typical seasonal patterns.

**RSV (Human Respiratory Syncytial Virus):** Showed an initial slight increase from approximately 6.3% in February to 6.5% in March, followed by a decline to 3.8% by April, indicating the tail end of the winter season with circulation beginning to decline as warmer months approached.

**Influenza A and B virus types:** Experienced a steady decline from approximately 10.4% in February to 1.8% by April, showing consistent decreases throughout the three-month period and reflecting the expected seasonal reduction as spring arrived.

**Parainfluenza (viruses 1, 2, 3, and 4):** Demonstrated variable activity, decreasing from approximately 2.5% in February to 2.0% in March before rising to 3.4% by April, showing inconsistent circulation patterns with an unexpected increase at the end of the period.

**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.**