

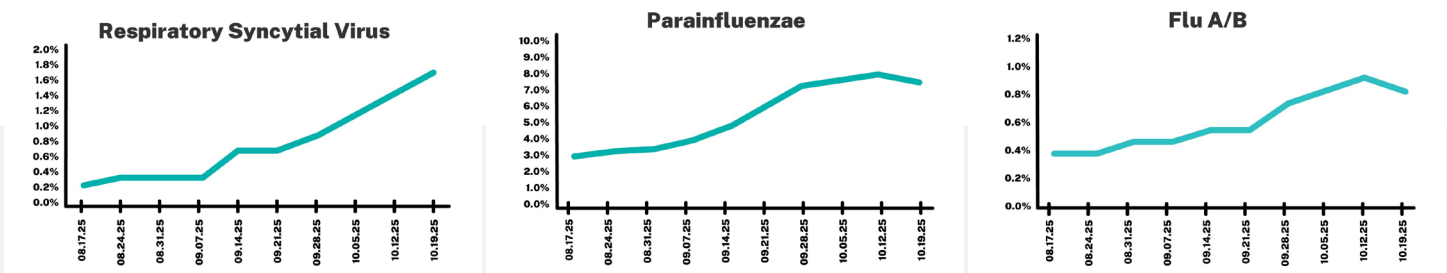
RESPIRATORY TREND REPORT

Respiratory virus activity is beginning to show seasonal shifts across the U.S. While Rhinovirus/Enterovirus continues to be the most commonly detected virus, its positivity rate continues to decline from its late summer peak at 42.1% in August. Parainfluenza viruses (types 1-4) are slightly decreasing, now at 8.3%, signaling stable infectious rate. Adenovirus detection dipped slightly to 2.3%, while Respiratory Syncytial Virus (RSV) is showing a gradual rise nationally to 1.9%, with significantly higher levels observed in parts of the Southeast -reaching 9.1% in Florida and 3.3% in Alabama. COVID-19 (SARS-CoV-2) continues its post-summer decline, dropping to 1.4%, and Enterovirus D68 slightly decreased to 2.5%. Influenza A and B activity remains low overall now at 0.9% nationally, with Florida reporting the highest positivity rates at 3.2%.

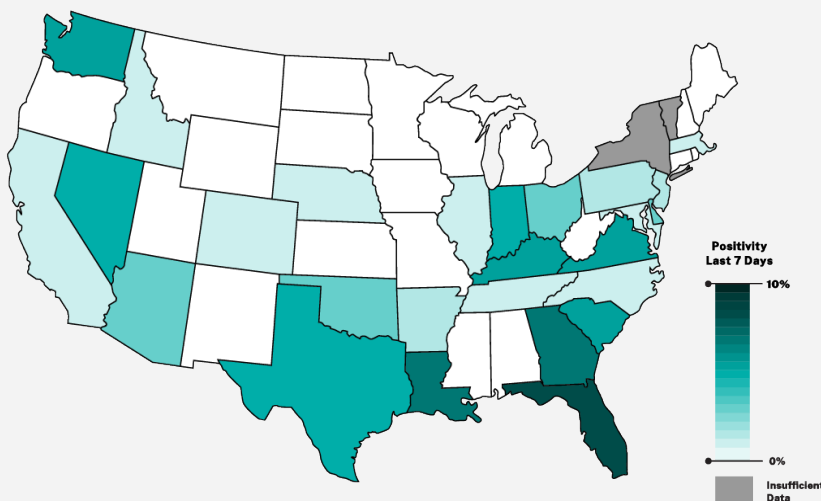
- ▶ **Rhinovirus/Enterovirus:** Remains dominant but decreased to **30.0%**.
- ▶ **Parainfluenza (types 1-4):** Decreased from **8.8%** to **8.3%**, continuing to rise early in the respiratory season.
- ▶ **Adenovirus:** Slight decrease from previous weeks from **2.5%** to **2.3%**.
- ▶ **Respiratory Syncytial Virus (RSV):** Increase to **1.9%**, with levels reaching as high as **9.1%** last week in Florida and **3.3%** in Alabama.
- ▶ **COVID-19 (SARS-CoV-2):** Declined from **1.6%** to **1.4%**, consistent with tapering circulation after summer peaks.
- ▶ **Enterovirus D68:** Slight decrease to **2.5%** positivity.
- ▶ **Influenza A & B:** Slight decrease to **0.9%**, with the highest positivity rate noted in Florida at **3.2%** positivity.

Seasonal Outlook

- ▶ **Rhinovirus/Enterovirus** is expected to remain a major driver of respiratory illness through October but is not expected to significantly climb as RSV and Influenza begin to more widely circulate and dominate the respiratory landscape.
- ▶ **Respiratory Syncytial Virus (RSV)** is showing slight growth and may contribute more substantially as we progress through the fall and early winter.
- ▶ **COVID-19** continues to wane but should be monitored closely for potential shifts with seasonal changes.
- ▶ **RSV and Influenza** are continuing to climb with higher positivity rates already noted in certain states, such as Alabama, Florida, Louisiana, and Texas.



7 Day Positivity Rate of RSV



Trending Up

- ▶ Respiratory syncytial virus (RSV)
- ▶ Human metapneumovirus

Trending Down

- ▶ Rhinovirus/Enterovirus
- ▶ Adenovirus
- ▶ Parainfluenza (Types 1-4)
- ▶ Enterovirus D68
- ▶ COVID-19 Coronavirus (SARS-CoV-2)

Remaining Level

- ▶ Coronavirus (229E,NL63,OC43, and HKU1)
- ▶ Influenza A/B



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