

# RESPIRATORY TREND REPORT

With schools now in full swing, early September respiratory virus activity shows shifting trends across several key pathogens. This report highlights the major respiratory viruses which are circulating over the last 3 weeks (August 25 - September 15).

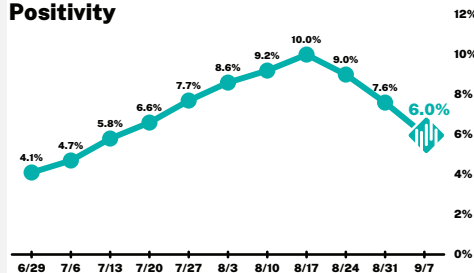
## Infection Trends

- ▶ **COVID-19** positivity continues to decline, dropping from 7.6% to 6.0%, suggesting a tapering of summer circulation.
- ▶ **Rhinovirus/Enterovirus** remains the dominant virus, though positivity edged down slightly from 40.0% to 38.3%.
- ▶ **Parainfluenza virus (types 1 – 4)** is trending upward, rising from 3.4% to 4.5% during the past 3 weeks, marking a modest early fall increase.
- ▶ **Enterovirus D68** continues its gradual ascent, climbing from 2.8% to 3.7% over the last 3 weeks, consistent with historical patterns of circulation in late summer/early fall.

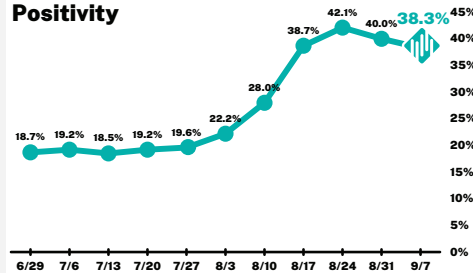
## HealthTrackRx Seasonal Outlook

- ▶ **COVID-19** appears to be waning for now, but whether circulation will rebound as colder months approach remains to be seen.
- ▶ **Rhinovirus/Enterovirus** will likely remain a leading contributor to respiratory illness through September, especially among children in school settings.
- ▶ **Enterovirus D68** bears continued monitoring, as the slight increase could signal broader circulation later this fall.
- ▶ **Parainfluenza** is showing modest growth and may continue contributing to early fall respiratory cases.
- ▶ **RSV and Influenza** activity remains low but are expected to reemerge later in the fall, as is typical for their seasonal cycles.
- ▶ **Other respiratory viruses** (adenovirus, seasonal coronaviruses, human metapneumovirus) are expected to stay near baseline until later shifts in the season.

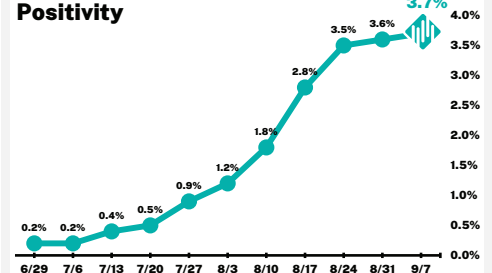
### HealthTrackRx COVID-19 Positivity



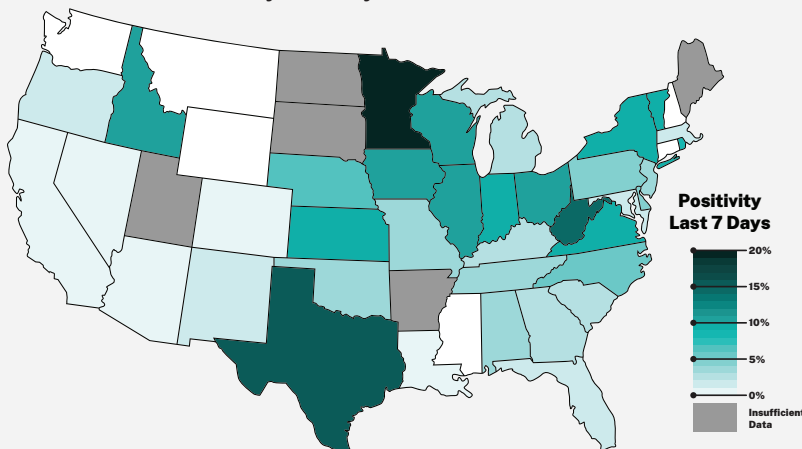
### HealthTrackRx Rhinovirus / Enterovirus Positivity



### HealthTrackRx Enterovirus D68 Positivity



### 7-Day Positivity Rate - Enterovirus D68



## Trending Up

- ▶ Parainfluenza virus (types 1, 2, 3, and 4)
- ▶ Enterovirus D68

## Trending Down

- ▶ Rhinovirus/ Enterovirus
- ▶ COVID-19 Coronavirus (SARS-CoV-2)

## Remaining Level

- ▶ Adenovirus
- ▶ Human metapneumovirus
- ▶ Coronavirus (229E, NL63, OC43, and HKU1)
- ▶ Influenza virus A, B
- ▶ Respiratory syncytial virus (RSV)



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