

# US Medical Affairs

## 2025 TRENDS Report: 3/2/25-3/15/25

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### Gastrointestinal (GI)

#### What is TRENDS showing us:

- Norovirus and *C. difficile* **remain at high activity across all regions.**
- Enteropathogenic and Enterotoxigenic *E. coli* remain high, with Enteropathogenic *E. coli* increasing to high activity in the **Midwest (>3%) and Northeast (3.3%)**, while remaining **stable in the South and West.**
- Rotavirus and *Campylobacter* remain high, with Rotavirus **stable in the Midwest and South**, while *Campylobacter* shows a **slight increase in the Northeast** but remains at its three-month average.
- Astrovirus and Sapovirus activity shifted, with Astrovirus increasing to high activity in the **Midwest and Northeast (>3%)**, while Sapovirus declined in the **West (4% to 2.2%)**, moving to medium activity.
- Overall **detections in the Northeast declined**, with a marked reduction from 22 detected pathogens to 14 across all activity levels.

#### What this means for U.S. providers/labs:

- Stable but high Norovirus and *C. difficile* activity calls for **continued infection prevention measures**, especially in healthcare and community settings.
- Rising Enteropathogenic *E. coli* and Astrovirus detections in the Midwest and Northeast highlight the need for **enhanced food safety and hygiene education** to prevent outbreaks.
- Slight increases in *Campylobacter* and Astrovirus in the Northeast suggest **ongoing surveillance and early intervention** to mitigate further spread.
- A significant reduction in overall pathogen detections in the Northeast may impact testing trends and clinical expectations, **signaling a possible transition toward seasonal baseline activity.**

### Respiratory (RP)

#### What is TRENDS showing us:

- Co-detections remain stable across all regions, ranging from **12% in the Northeast to 16% in the South.**
- Influenza A detections **continue to decline nationwide**, with H1-2009 remaining one of the highest detected strains (**Midwest: 6.2%, South: 6.1%**). The South has had the most consistent H1-2009 activity, decreasing from **7.0% to 6.1%** over three months.
  - CDC data shows downward trends in influenza cases and respiratory-related healthcare visits (**4.3% from 5.8%**), along with a drop in influenza-related mortality (**1.9%**) and hospitalizations.
  - Read more: [Weekly US Influenza Surveillance Report: Key Updates for Week 10, ending March 8, 2025](#)
- Human Rhinovirus/Enterovirus is now the **most detected pathogen nationwide (Northeast: 9.6%, South: 17.9%).**
- Respiratory Syncytial Virus (RSV) rates **remain stable or slightly declining** across all regions, including the West.
- Human Metapneumovirus (hMPV) continues to rise, particularly in the West and Midwest, ranging from **2.4% (Northeast) to 7.1% (West).**
- Other respiratory pathogens (e.g., Seasonal Coronaviruses, Parainfluenza Viruses) are increasing, likely due to the proportional decline in Influenza A detections.

#### What this means for U.S. providers/labs:

- Seasonal influenza activity has declined to moderate or low levels, with **co-detection rates decreasing and non-influenza viruses becoming more common**, reinforcing the need for **rapid pathogen identification** to guide appropriate antiviral use and reduce unnecessary antibiotic prescriptions.
- As Influenza detections decline and other respiratory viruses (e.g., Human Rhinovirus/Enterovirus) become more common, **providers are likely to continue to examine the impact of Avian Influenza (H5N1)** on this season and plan for future preparedness.
- Healthcare providers in the West may continue to see patients seeking healthcare related to RSV.
- Human Metapneumovirus (hMPV) detections are **rising as expected** for this stage of the respiratory season and may persist. **Providers may continue to have questions** given international trends from other countries.