

# Viral Epidemiology Snapshot: November 3-9, 2024

Prepared by Anne Hall, Ph.D., M(ASCP) on behalf of the Molecular Diagnostics/Virology Labs

## CoV-2, Flu, & RSV

| Virus | #Tested | #Positive | % Positive |
|-------|---------|-----------|------------|
| Flu A | 515     | 3         | 0.6%       |
| Flu B | 515     | 0         | 0.0%       |
| RSV   | 411     | 9         | 2.2%       |
| CoV-2 | 514     | 21        | 4.1%       |

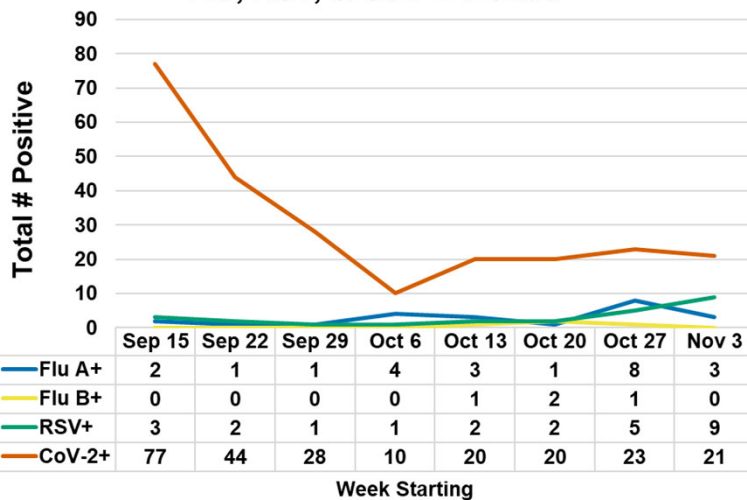
## Other Respiratory Viruses

| Virus                  | #Tested | #Positive | % Positive |
|------------------------|---------|-----------|------------|
| Adenovirus             | 399     | 22        | 5.5%       |
| Coronavirus 229E       | 399     | 0         | 0.0%       |
| Coronavirus HKU1       | 399     | 0         | 0.0%       |
| Coronavirus NL63       | 399     | 1         | 0.3%       |
| Coronavirus OC43       | 399     | 0         | 0.0%       |
| Metapneumovirus        | 399     | 4         | 1.0%       |
| Rhinovirus/Enterovirus | 399     | 153       | 38.3%      |
| Parainfluenza 1        | 399     | 23        | 5.8%       |
| Parainfluenza 2        | 399     | 1         | 0.3%       |
| Parainfluenza 3        | 399     | 1         | 0.3%       |
| Parainfluenza 4        | 399     | 17        | 4.3%       |

## Bacterial Respiratory Infections (Molecular Tests)

| Organism                        | #Tested | #Positive | % Positive |
|---------------------------------|---------|-----------|------------|
| <i>Bordetella parapertussis</i> | 399     | 0         | 0.0%       |
| <i>Bordetella pertussis</i>     | 399     | 4         | 1.0%       |
| <i>Chlamydia pneumoniae</i>     | 399     | 0         | 0.0%       |
| <i>Mycoplasma pneumoniae</i>    | 408     | 37        | 9.1%       |

## Flu, RSV, & CoV-2 Trends

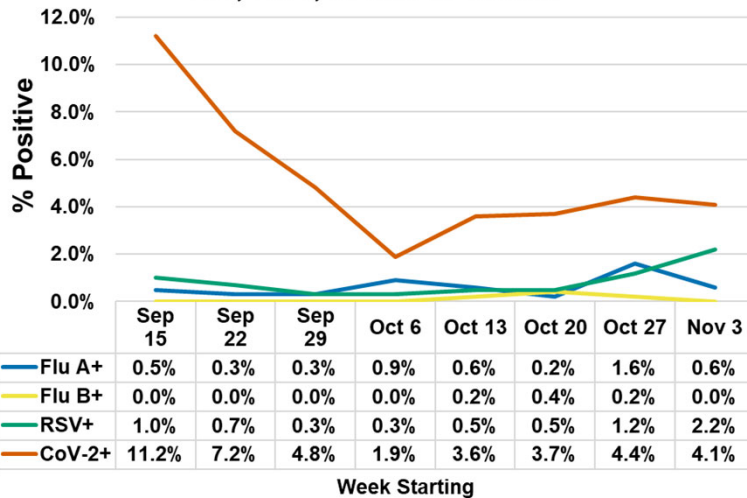


## Flu A Subtyping

|                 |   |
|-----------------|---|
| 2009 H1N1       | 0 |
| Seasonal H1     | 0 |
| Seasonal H3     | 0 |
| No Subtype      | 3 |
| Pending subtype | 0 |

This report contains results for all tests ordered throughout the CHMCA network. As of 9/19/23, the data set includes all Point of Care Testing performed at ACHPs and Urgent Care Centers, as well as the central hospital laboratories.

## Flu, RSV, & CoV-2 Trends



As of 10/1/23, SARS-CoV-2 will be tracked in total, rather than in "Diagnostic" and "Screening" categories

The top chart displays the 8-week trend for total number of positive tests for Flu A, Flu B, RSV, and SARS-CoV-2.

The bottom chart displays the 8-week trend for positivity rate (# positive/ total # tested) Flu A, Flu B, RSV, and SARS-CoV-2.

Corrected 12/2/24



Akron Children's Hospital