



Viral Epidemiology Snapshot: December 31-January 6, 2023

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 | 885 | 159 | 18.0% |
| Flu B | 885 | 82 | 9.3% |
| RSV | 473 | 166 | 35.1% |
| CoV-2 | 753 | 82 | 10.9% |

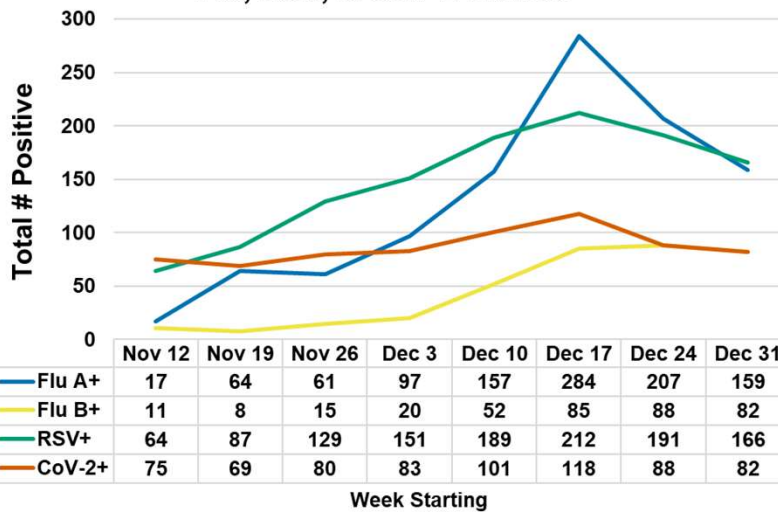
Other Respiratory Viruses

| Virus | #Tested | #Positive | % Positive |
|------------------------|---------|-----------|------------|
| Adenovirus | 400 | 35 | 8.8% |
| Coronavirus 229E | 399 | 0 | 0.0% |
| Coronavirus HKU1 | 399 | 2 | 0.5% |
| Coronavirus NL63 | 399 | 3 | 0.8% |
| Coronavirus OC43 | 399 | 40 | 10.0% |
| Metapneumovirus | 399 | 5 | 1.3% |
| Rhinovirus/Enterovirus | 399 | 58 | 14.5% |
| Parainfluenza 1 | 399 | 2 | 0.5% |
| Parainfluenza 2 | 399 | 0 | 0.0% |
| Parainfluenza 3 | 399 | 1 | 0.3% |
| Parainfluenza 4 | 399 | 1 | 0.3% |

Bacterial Respiratory Infections (Molecular Tests)

| Organism | #Tested | #Positive | % Positive |
|---------------------------------|---------|-----------|------------|
| <i>Bordetella parapertussis</i> | 401 | 4 | 1.0% |
| <i>Bordetella pertussis</i> | 401 | 1 | 0.2% |
| <i>Chlamydia pneumoniae</i> | 399 | 0 | 0.0% |
| <i>Mycoplasma pneumoniae</i> | 401 | 0 | 0.0% |

Flu, RSV, & CoV-2 Trends

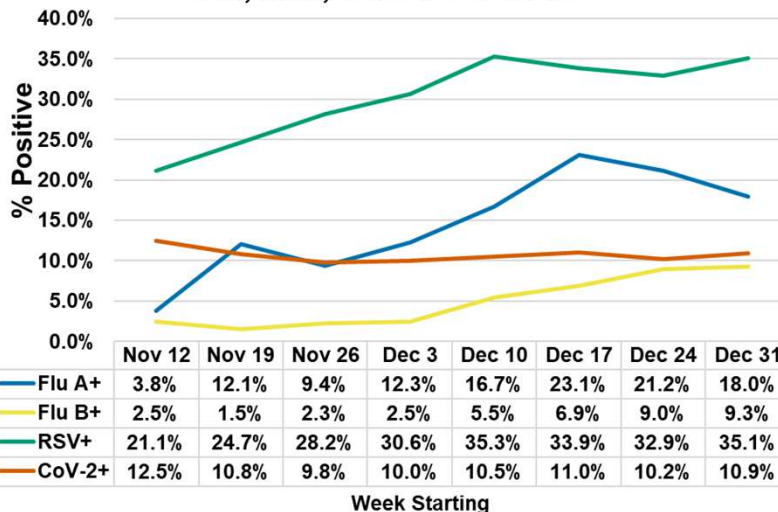


Flu A Subtyping

| | |
|-----------------|----|
| 2009 H1N1 | 56 |
| Seasonal H1 | 1 |
| Seasonal H3 | 6 |
| No Subtype | 96 |
| 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.

