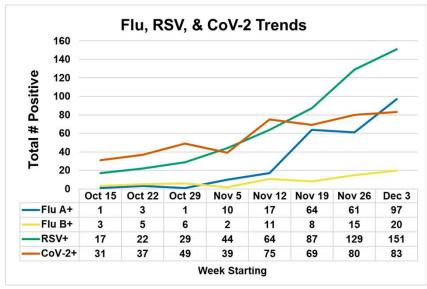# Viral Epidemiology Snapshot: December 3-9, 2023
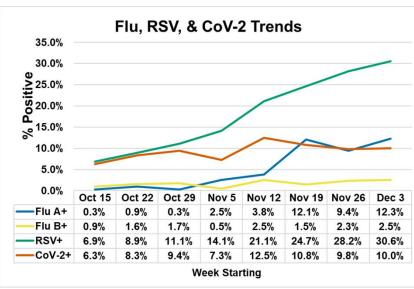
Prepared by Anne Hall, Ph.D., M(ASCP) on behalf of the Molecular Diagnostics/Virology Labs

CoV-2, Flu, & RSV

Virus	#Tested	#Positive	% Positive
Flu A	788	97	12.3%
Flu B	788	20	2.5%
RSV	493	151	30.6%
CoV-2	832	83	10.0%

Other Respiratory Viruses

Virus	#Tested	#Positive	% Positive
Adenovirus	408	30	7.4%
Coronavirus 229E	407	0	0.0%
Coronavirus HKU1	407	0	0.0%
Coronavirus NL63	407	2	0.5%
Coronavirus OC43	407	28	6.9%
Metapneumovirus	407	4	1.0%
Rhinovirus/Enterovirus	407	101	24.8%
Parainfluenza 1	407	6	1.5%
Parainfluenza 2	407	10	2.5%
Parainfluenza 3	407	1	0.2%
Parainfluenza 4	407	4	1.0%

Bacterial Respiratory Infections (Molecular Tests)

Organism	#Tested	#Positive	% Positive
Bordetella parapertussis	415	2	0.5%
Bordetella pertussis	415	0	0.0%
Chlamydia pneumoniae	407	0	0.0%
Mycoplasma pneumoniae	413	1	0.2%

Flu, RSV, & CoV-2 Trends

Week Starting	Oct 15	Oct 22	Oct 29	Nov 5	Nov 12	Nov 19	Nov 26	Dec 3
Flu A+	1	3	1	10	17	64	61	97
Flu B+	3	5	6	2	11	8	15	20
RSV+	17	22	29	44	64	87	129	151
CoV-2+	31	37	49	39	75	69	80	83

Flu A Subtyping

2009 H1N1	25
Seasonal H1	0
Seasonal H3	1
No Subtype	71
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.

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.

Flu, RSV, & CoV-2 Trends

Week Starting	Oct 15	Oct 22	Oct 29	Nov 5	Nov 12	Nov 19	Nov 26	Dec 3
Flu A+	0.3%	0.9%	0.3%	2.5%	3.8%	12.1%	9.4%	12.3%
Flu B+	0.9%	1.6%	1.7%	0.5%	2.5%	1.5%	2.3%	2.5%
RSV+	6.9%	8.9%	11.1%	14.1%	21.1%	24.7%	28.2%	30.6%
CoV-2+	6.3%	8.3%	9.4%	7.3%	12.5%	10.8%	9.8%	10.0%

Akron Children's Hospital