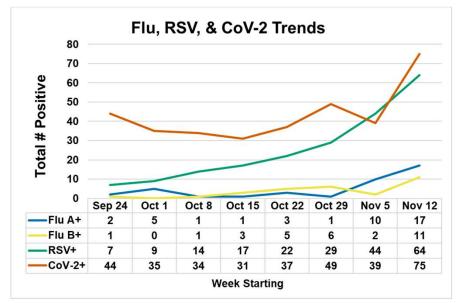# Viral Epidemiology Snapshot: November 12-18, 2023
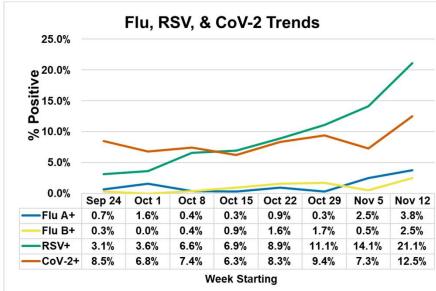
Prepared by Anne Hall, Ph.D., M(ASCP) on behalf of the Molecular Diagnostics/Virology Labs

CoV-2, Flu, & RSV

Virus	#Tested	#Positive	% Positive
Flu A	444	17	3.8%
Flu B	444	11	2.5%
RSV	303	64	21.1%
CoV-2 Diagnostic	599	75	12.5%

Flu A Subtyping

2009 H1N1	3
Seasonal H1	1
Seasonal H3	0
No Subtype	13
Pending subtype	0

Other Respiratory Viruses

Virus	#Tested	#Positive	% Positive
Adenovirus	264	19	7.2%
Coronavirus 229E	264	0	0.0%
Coronavirus HKU1	264	0	0.0%
Coronavirus NL63	264	0	0.0%
Coronavirus OC43	264	2	0.8%
Metapneumovirus	264	0	0.0%
Rhinovirus/Enterovirus	264	91	34.5%
Parainfluenza 1	264	4	1.5%
Parainfluenza 2	264	6	2.3%
Parainfluenza 3	264	2	0.8%
Parainfluenza 4	264	7	2.7%

Flu, RSV, & CoV-2 Trends

Week Starting	Sep 24	Oct 1	Oct 8	Oct 15	Oct 22	Oct 29	Nov 5	Nov 12
Flu A+	2	5	1	1	3	1	10	17
Flu B+	1	0	1	3	5	6	2	11
RSV+	7	9	14	17	22	29	44	64
CoV-2+	44	35	34	31	37	49	39	75

Flu, RSV, & CoV-2 Trends

Week Starting	Sep 24	Oct 1	Oct 8	Oct 15	Oct 22	Oct 29	Nov 5	Nov 12
Flu A+	0.7%	1.6%	0.4%	0.3%	0.9%	0.3%	2.5%	3.8%
Flu B+	0.3%	0.0%	0.4%	0.9%	1.6%	1.7%	0.5%	2.5%
RSV+	3.1%	3.6%	6.6%	6.9%	8.9%	11.1%	14.1%	21.1%
CoV-2+	8.5%	6.8%	7.4%	6.3%	8.3%	9.4%	7.3%	12.5%

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.

Akron Children's Hospital