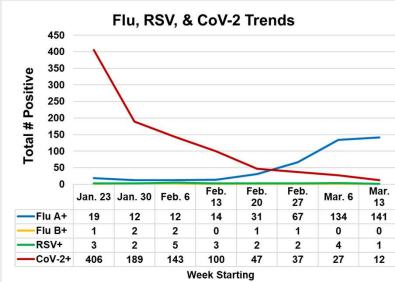# Viral Epidemiology Snapshot: March 13-19, 2022

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	610	141	23.1%
Flu B	610	0	0.0%
RSV	239	1	0.4%
CoV-2 PUI	852	11	1.3%
CoV-2 Surveillance	467	1	0.2%

Flu A Subtyping

2009 H1N1	0
Seasonal H1	0
Seasonal H3	21
No Subtype	120
Pending subtype	0

Other Respiratory Viruses

Virus	#Tested	#Positive	% Positive
Adenovirus	235	13	5.5%
Coronavirus 229E	235	11	4.7%
Coronavirus HKU1	235	0	0.0%
Coronavirus NL63	235	0	0.0%
Coronavirus OC43	235	11	4.7%
Metapneumovirus	235	24	10.2%
Rhinovirus/Enterovirus	235	86	36.6%
Parainfluenza 1	235	0	0.0%
Parainfluenza 2	235	0	0.0%
Parainfluenza 3	235	4	1.7%
Parainfluenza 4	235	2	0.9%

Flu, RSV, & CoV-2 Trends

Week Starting	Jan. 23	Jan. 30	Feb. 6	Feb. 13	Feb. 20	Feb. 27	Mar. 6	Mar. 13
Flu A+	19	12	12	14	31	67	134	141
Flu B+	1	2	2	0	1	1	0	0
RSV+	3	2	5	3	2	2	4	1
CoV-2+	406	189	143	100	47	37	27	12

CoV-2 Positivity Rate Trends

Week Starting	Jan. 23	Jan. 30	Feb. 6	Feb. 13	Feb. 20	Feb. 27	Mar. 6	Mar. 13
#CoV-2 Tests	2072	1495	1694	1517	1542	1544	1454	1319
PUI % +	22.8%	15.3%	10.4%	8.0%	4.0%	3.0%	2.3%	1.3%
Surv. % +	6.2%	3.6%	3.2%	2.9%	0.7%	1.1%	1.0%	0.2%

This report contains results for molecular and antigen tests ordered throughout the CHMCA network and performed at the Akron/Mahoning Valley laboratories. It also includes Point-of-Care tests (POCT) for influenza and SARS-CoV-2 (as of 2/20) performed at ACHP locations.

Notes on Influenza A subtyping: Influenza A found by the Respiratory Film Array test will also include a subtype. Influenza A found by POCT methods will be listed as "no subtype".

Notes on SARS-CoV-2 data: In the top chart, the red CoV-2 line traces the total number of patients testing positive each week. In the bottom chart, the orange line ("PUI") shows data for all patients with symptoms or known exposures ("Patient Under Investigation") while the purple line ("Surv.") shows surveillance data for undergoing pre-procedure screening.

As of 10/31, the surveillance line shows patients who have been designated as "pre-procedure" in their testing order questionnaire, as well as participants in the employee screening program.

Akron Children's Hospital