Viral Epidemiology Snapshot: January 23-29, 2022

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CoV-2, Flu, & RSV

Virus	#Tested	#Positive	% Positive
Flu A	444	19	4.3%
Flu B	444	1	0.2%
RSV	340	3	0.9%
CoV-2 PUI	1668	381	22.8%
CoV-2 Surveillance	404	25	6.2%

Flu A Subtyping

2009 H1N1	0
Seasonal H1	0
Seasonal H3	6
No Subtype	13
Pending subtype	0

Other Respiratory Viruses

Virus	#Tested	#Positive	% Positive
Adenovirus	340	44	12.9%
Coronavirus 229E	340	2	0.6%
Coronavirus HKU1	340	0	0.0%
Coronavirus NL63	340	0	0.0%
Coronavirus OC43	340	27	7.9%
Metapneumovirus	340	38	11.2%
Rhinovirus/Enterovirus	340	56	16.5%
Parainfluenza 1	340	0	0.0%
Parainfluenza 2	340	3	0.9%
Parainfluenza 3	340	2	0.6%
Parainfluenza 4	340	1	0.3%

Flu, RSV, & CoV-2 Trends

Week Starting	Dec. 5	Dec. 12	Dec. 19	Dec. 26	Jan. 2	Jan. 9	Jan. 16	Jan. 23
Flu A+	27	51	52	23	22	16	16	19
Flu B+	2	0	0	2	2	3	1	1
RSV+	31	39	43	30	31	24	8	3
CoV-2+	403	563	854	1293	1422	1038	627	406

CoV-2 Positivity Rate Trends

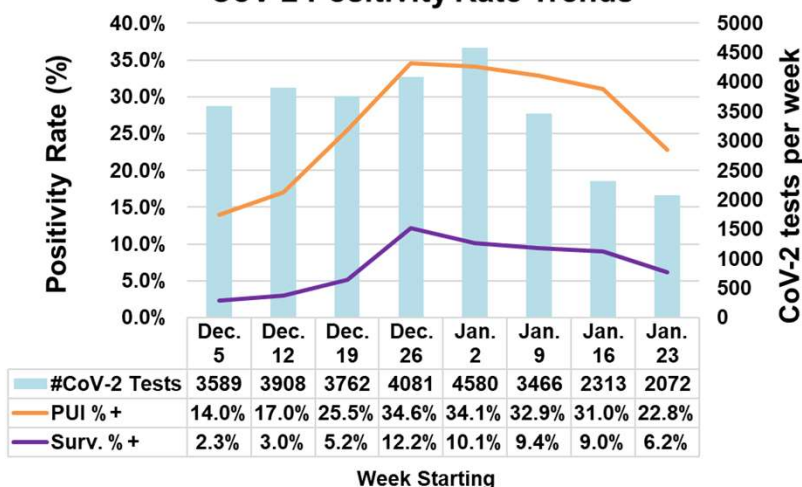| Week Starting	Dec. 5	Dec. 12	Dec. 19	Dec. 26	Jan. 2	Jan. 9	Jan. 16	Jan. 23
#CoV-2 Tests	3589	3908	3762	4081	4580	3466	2313	2072
PUI % +	14.0%	17.0%	25.5%	34.6%	34.1%	32.9%	31.0%	22.8%
Surv. % +	2.3%	3.0%	5.2%	12.2%	10.1%	9.4%	9.0%	6.2%
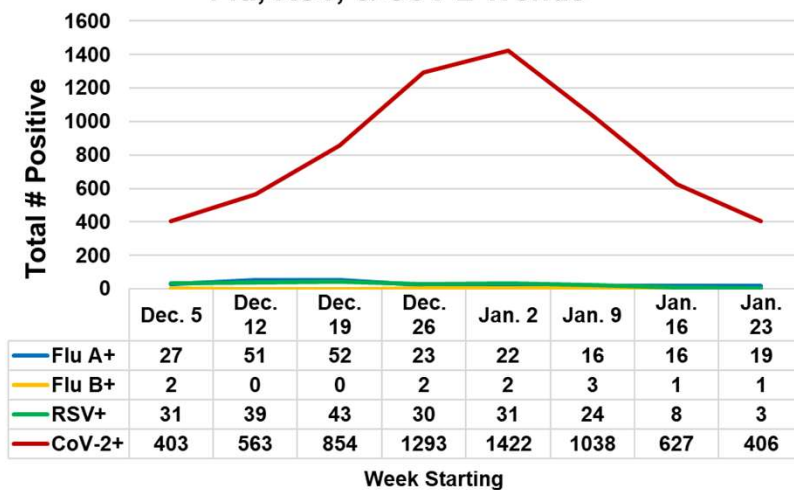
This report contains results for molecular and antigen tests ordered throughout the CHMCA network and performed at the Akron/Mahoning valley laboratories.

As of 11/14, this report also includes Point-of-Care tests (POCT) for influenza 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