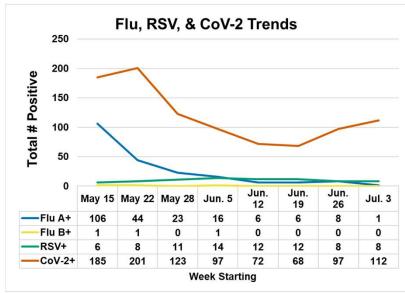


Viral Epidemiology Snapshot: July 3-9, 2022

Prepared by Anne Hall, Ph.D., M(ASCP) on behalf of the Molecular Diagnostics/Virology Labs

<u>CoV-2, Flu, & RSV</u>					
<u>Virus</u>	<u>#Tested</u>	<u>#Positive</u>	<u>% Positive</u>		
Flu A	235	1	0.4%		
Flu B	235	0	0.0%		
RSV	213	8	3.8%		
CoV-2 PUI	614	107	17.4%		
CoV-2 Surveillance	401	5	1.2%		

Flu A Subtyping				
2009 H1N1	0			
Seasonal H1	0			
Seasonal H3	0			
No Subtype	1			
Pending subtype	0			



CoV-2 Positivity Rate Trends 20.0% 1600 18.0% 1400 ¥əən 1200 M Positivity Rate (%) 16.0% 14.0% per 1000 12.0% tests 10.0% 800 8.0% 600 CoV-2 t 6.0% 400 4.0% 200 2.0% 0.0% 0 May May May Jun. Jun. Jul. Jun. Jun. 15 22 28 5 12 19 26 3 #CoV-2 Tests 1459 1409 1080 1215 1123 1079 1017 1015 PUI % + 15.0% 16.7% 14.3% 11.1% 9.5% 10.4% 15.2% 17.4% Surv. % + 1.2% 2.9% 1.6% 1.3% 1.8% 0.4% 1.0% 1.2% Week Starting

Other Respiratory Viruses						
<u>Virus</u>	<u>#Tested</u>	<u>#Positive</u>	<u>% Positive</u>			
Adenovirus	211	12	5.7%			
Coronavirus 229E	211	0	0.0%			
Coronavirus HKU1	211	1	0.5%			
Coronavirus NL63	211	1	0.5%			
Coronavirus OC43	211	1	0.5%			
Metapneumovirus	211	8	3.8%			
Rhinovirus/Enterovirus	211	47	22.3%			
Parainfluenza 1	211	1	0.5%			
Parainfluenza 2	211	1	0.5%			
Parainfluenza 3	211	9	4.3%			
Parainfluenza 4	211	5	2.4%			

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.

