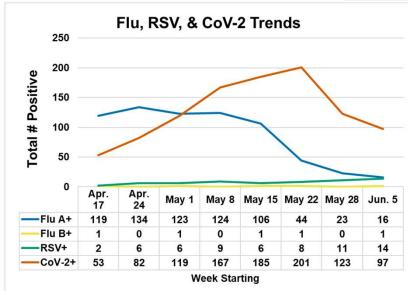


## Viral Epidemiology Snapshot: June 5-11, 2022

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

<u>CoV-2, Flu, &amp; RSV</u>					
<u>Virus</u>	<u>#Tested</u>	<u>#Positive</u>	<u>% Positive</u>		
Flu A	363	16	4.4%		
Flu B	363	1	0.3%		
RSV	271	14	5.2%		
CoV-2 PUI	831	92	11.1%		
CoV-2 Surveillance	384	5	1.3%		

Flu A Subtyping			
2009 H1N1	0		
Seasonal H1	0		
Seasonal H3	7		
No Subtype	9		
Pending subtype	0		



**CoV-2 Positivity Rate Trends** 18.0% 1600 16.0% 1400 ek Positivity Rate (%) 14.0% We 1200 12.0% per 1000 10.0% tests 800 8.0% 600 6.0% CoV-2 400 4.0% 200 2.0% 0.0% 0 Apr. Apr. May May May May Mav Jun. 28 17 24 1 8 15 22 5 #CoV-2 Tests 1046 1102 1224 1392 1459 1409 1080 1215 PUI % + 7.1% 9.5% 12.0% 14.3% 15.0% 16.7% 14.3% 11.1% 0.3% 0.8% 0.8% 1.9% 1.2% 2.9% 1.6% 1.3% Surv. % + Week Starting

Other Respiratory Viruses						
<u>Virus</u>	#Tested	<u>#Positive</u>	<u>% Positive</u>			
Adenovirus	268	15	5.6%			
Coronavirus 229E	268	0	0.0%			
Coronavirus HKU1	268	2	0.7%			
Coronavirus NL63	268	5	1.9%			
Coronavirus OC43	268	3	1.1%			
Metapneumovirus	268	9	3.4%			
Rhinovirus/Enterovirus	268	76	28.4%			
Parainfluenza 1	268	4	1.5%			
Parainfluenza 2	268	0	0.0%			
Parainfluenza 3	268	33	12.3%			
Parainfluenza 4	268	7	2.6%			

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.

