ACL Laboratories Respiratory Virus Activity Report

Updated: May 24, 2023

RESPIRATORY PATHOGEN PANEL JUNE 2023 - MAY 24, 2023 Positivity Rate (%)

MONTH	FLU A UnSub	FLU A (H1N1)	2009 H1N1	FLU A H3N2	FLU B	RSV A/B	PARA 1	PARA 2	PARA 3	PARA 4	COR 229E	COR NL63	COR OC43	COR HKU1	META	ENTERO/ RHINO	Adeno	BOCA	Legio-nella	Chla-mydia	Myco-plasma
MAY 2023	0.0	0.1	0.3	0.0	0.1	0.2	0.4	1.0	7.4	0.2	0.0	0.9	0.0	0.0	3.3	17.1	3.2	0.6	0.0	0.0	0.0
APR 2023	0.0	0.0	0.2	0.1	0.1	0.1	0.4	0.5	5.4	0.1	0.3	0.9	0.2	0.5	11.1	12.1	3.1	1.0	0.1	0.0	0.0
MAR 2023	0.1	0.0	0.1	0.0	0.1	0.2	0.4	0.1	2.7	0.0	0.3	1.9	0.8	0.8	13.3	13.1	3.2	1.4	0.0	0.0	0.0
FEB 2023	0.0	0.0	0.2	0.1	0.0	0.5	0.0	0.4	1.2	0.2	0.0	3.7	1.5	1.6	9.3	13.2	3.7	1.6	0.0	0.0	0.0
JAN 2023	0.2	0.0	0.5	0.5	0.1	1.2	0.7	0.1	0.8	0.3	0.2	1.2	2.0	1.4	5.9	12.1	3.3	2.9	0.0	0.0	0.0
DEC 2022	0.3	0.1	1.0	7.0	0.1	3.6	1.1	0.2	0.5	1.5	0.3	0.6	1.7	1.3	2.1	11.7	2.9	4.0	0.1	0.1	0.1
NOV 2022	0.3	0.0	0.5	5.6	0.0	8.1	1.6	0.5	0.8	1.4	0.1	0.1	0.5	0.0	0.8	13.0	2.6	3.3	0.0	0.0	0.0
OCT 2022	0.1	0.0	0.2	0.8	0.0	10.0	2.1	0.4	0.5	3.5	0.0	0.1	0.1	0.1	0.7	18.2	2.4	2.6	0.0	0.0	0.0
SEP 2022	0.0	0.0	0.0	0.0	0.0	4.1	0.9	0.0	0.4	2.3	0.1	0.1	0.1	0.0	0.3	22.8	0.9	0.9	0.1	0.0	0.0
AUG 2022	0.0	0.0	0.0	0.1	0.0	1.6	0.7	0.0	0.8	1.1	0.2	0.0	0.0	0.0	0.5	15.2	2.0	2.1	0.2	0.0	0.0
JUL 2022	0.0	0.0	0.0	0.1	0.0	1.7	0.2	0.1	3.3	0.7	0.0	0.1	0.3	0.2	1.6	9.7	2.1	0.7	0.0	0.0	0.0
JUN 2022	0.0	0.0	0.0	0.4	0.0	1.8	0.5	0.2	9.5	1.0	0.0	0.2	0.5	0.1	3.6	12.6	1.7	0.5	0.2	0.0	0.0

Data generated using: RPPNL (LAB9955)

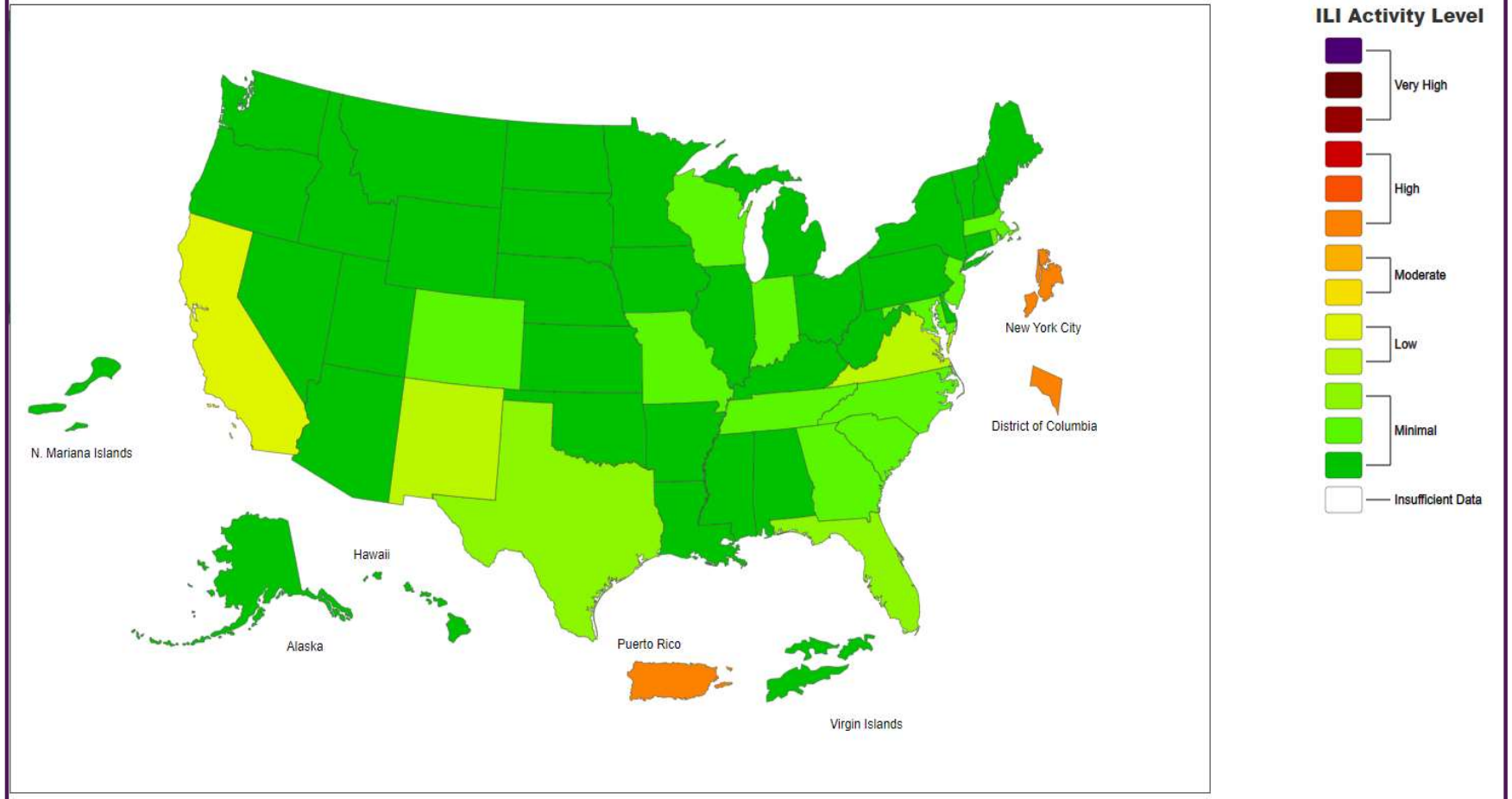# ACL INFLUENZA positivity rate (Mar 11, 2023 – May 20, 2023)
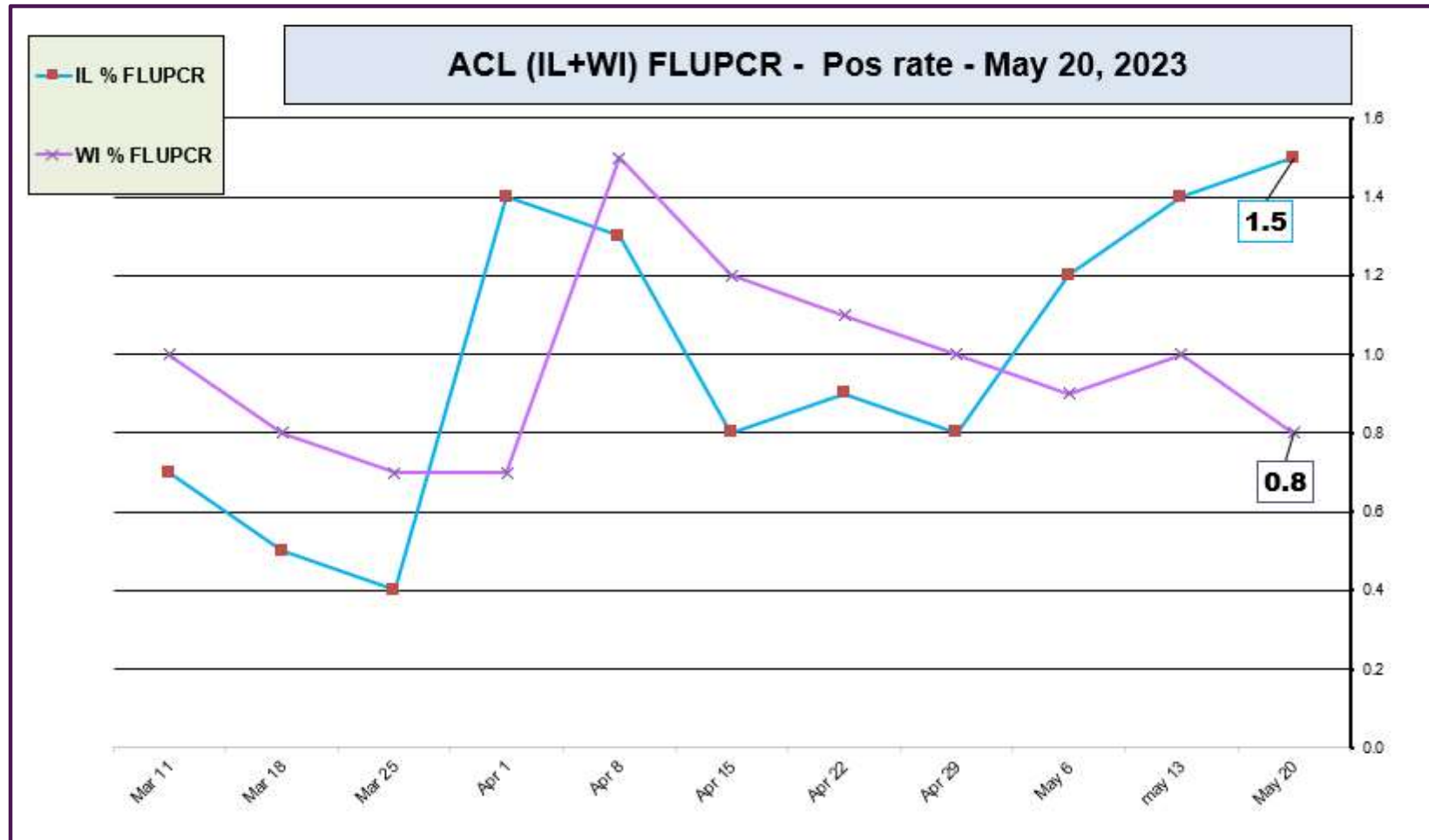
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Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, October 2, 2022 – May 13, 2023
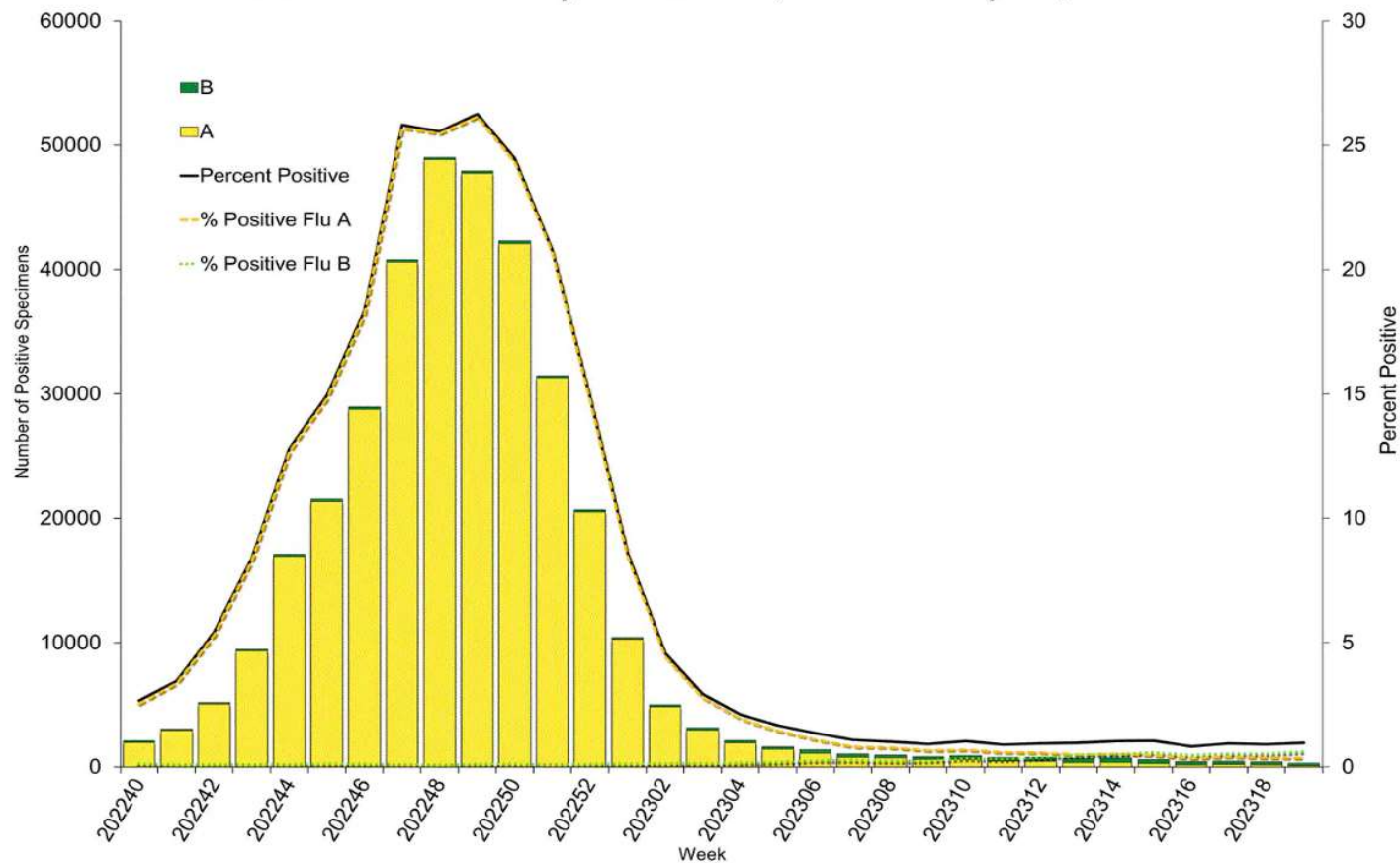
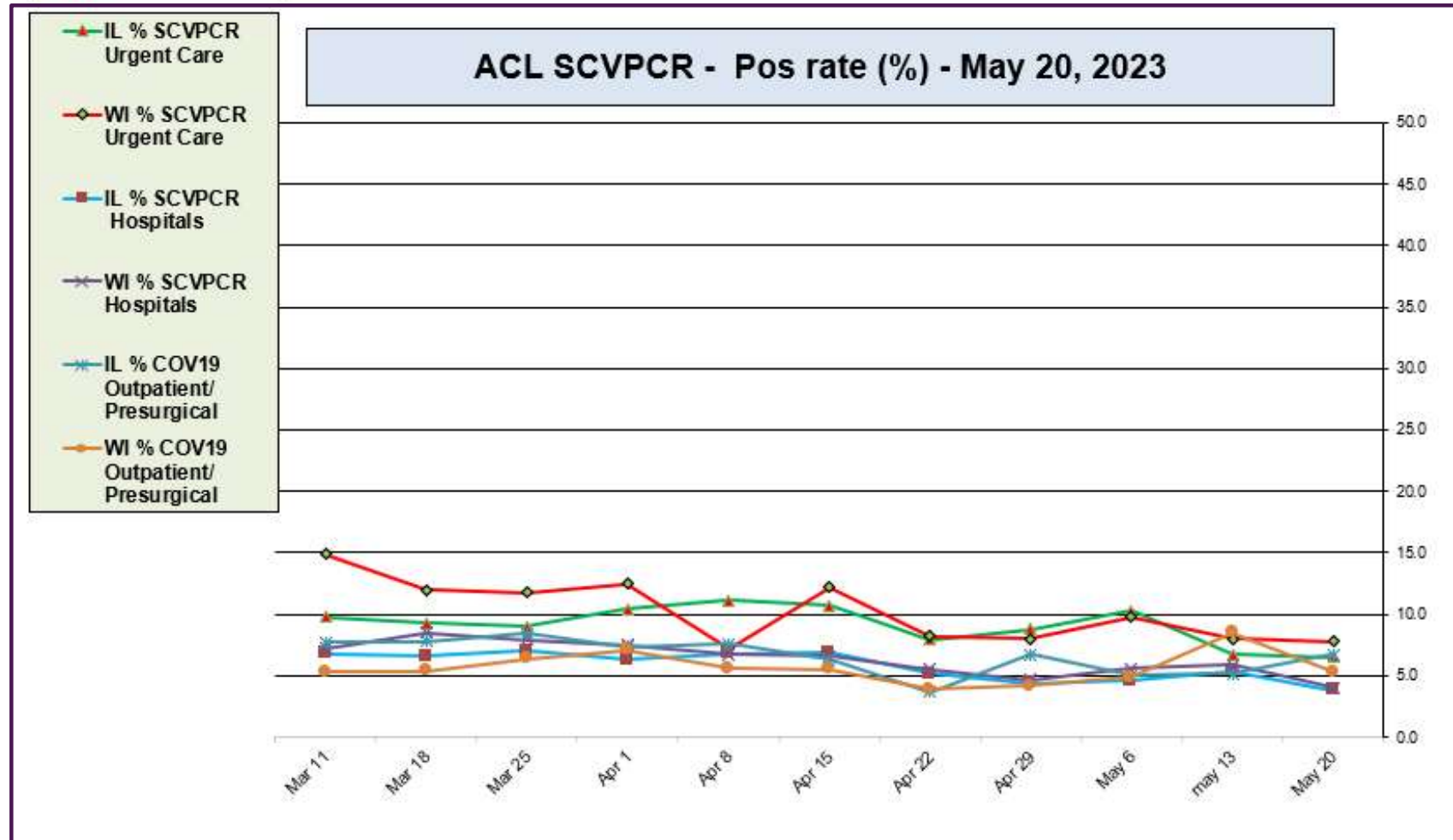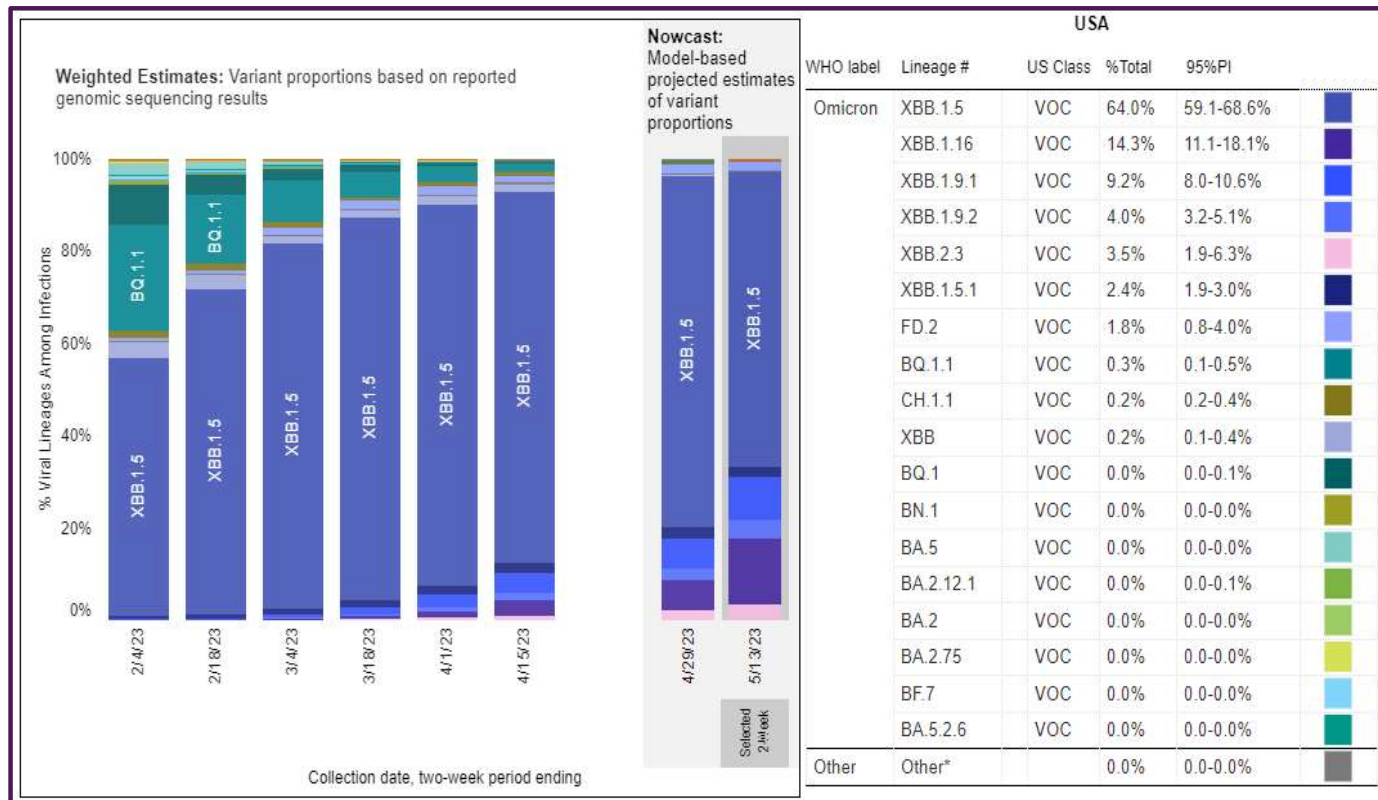2022-23 Influenza Season Week 19 ending May 13, 2023

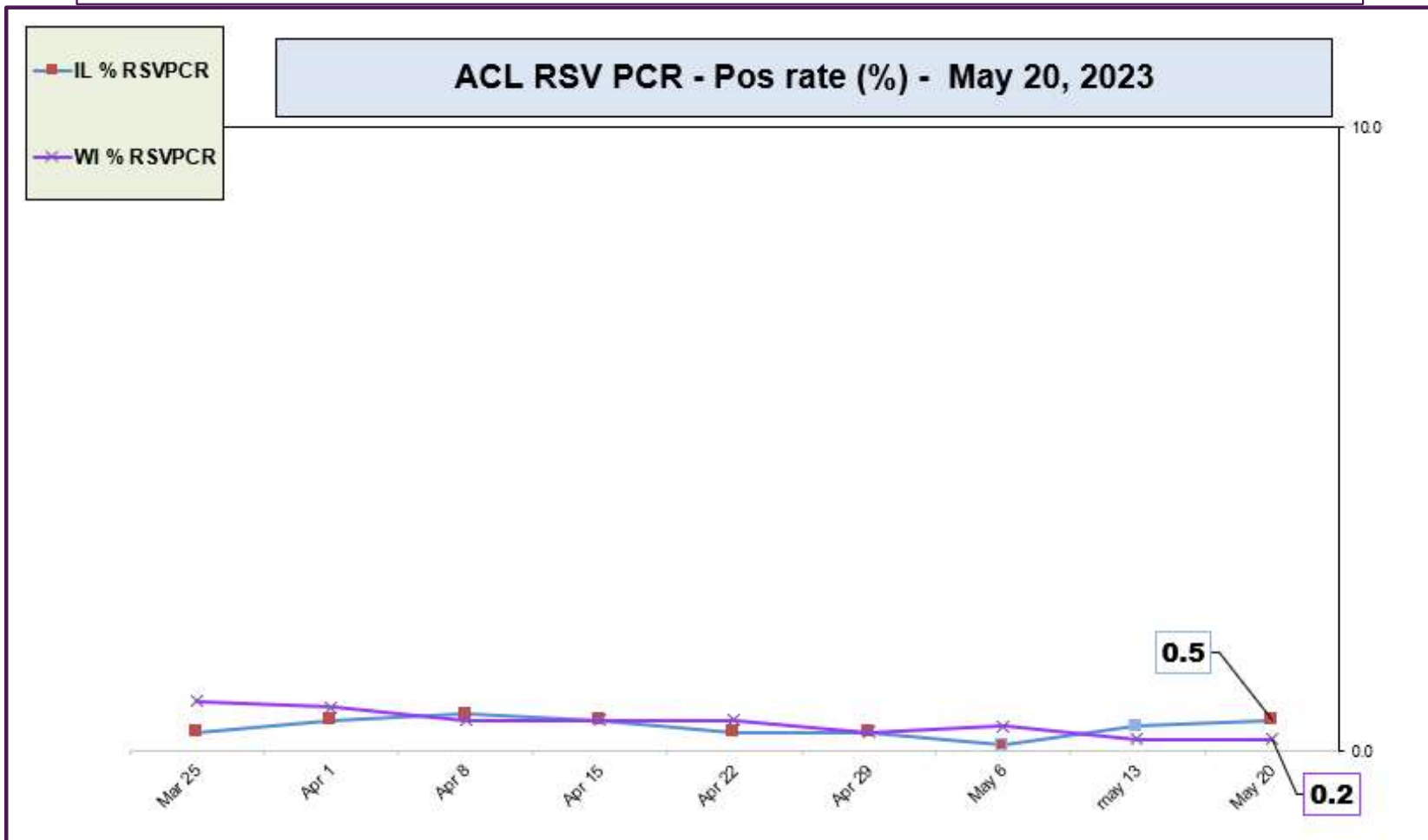# ACL SARS-CoV-2 positivity rate (Mar 11, 2023 – May 20, 2023)

May 13, 2023 – SARS-CoV-2 circulating in the Midwest based on projection by **Nowcast modeling**
(Omicron XBB.1.5 – 64.0% ↓, XBB1.16 – 14.3% ↑, XBB.1.9.1 – 9.2% ↓)

** CDC uses **Nowcast** model that estimates more recent proportions of circulating variants (actual sequencing data is typically delayed for 2 weeks).

https://www.cdc.gov/

ACL RSV PCR positivity rate (Mar 25, 2023 – May 20, 2023)

Legend:
- IL % RSVPCR
- WI % RSVPCR

ACL RSV PCR - Pos rate (%) - May 20, 2023

X-axis: Mar 25, Apr 1, Apr 8, Apr 15, Apr 22, Apr 29, May 6, may 13, May 20

Y-axis: 0.0 to 10.0

Callout values: 0.5, 0.2

Data generated using: Respiratory Pathogen Panel (LAB9955) and COVID/FLU/RSV Panel (LAB10789)

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Advocate Children's Hospital Influenza A, Influenza B, RSV, and SARS-CoV-2 PCR
## Positivity rates (Mar 11, 2023 – May 20, 2023)
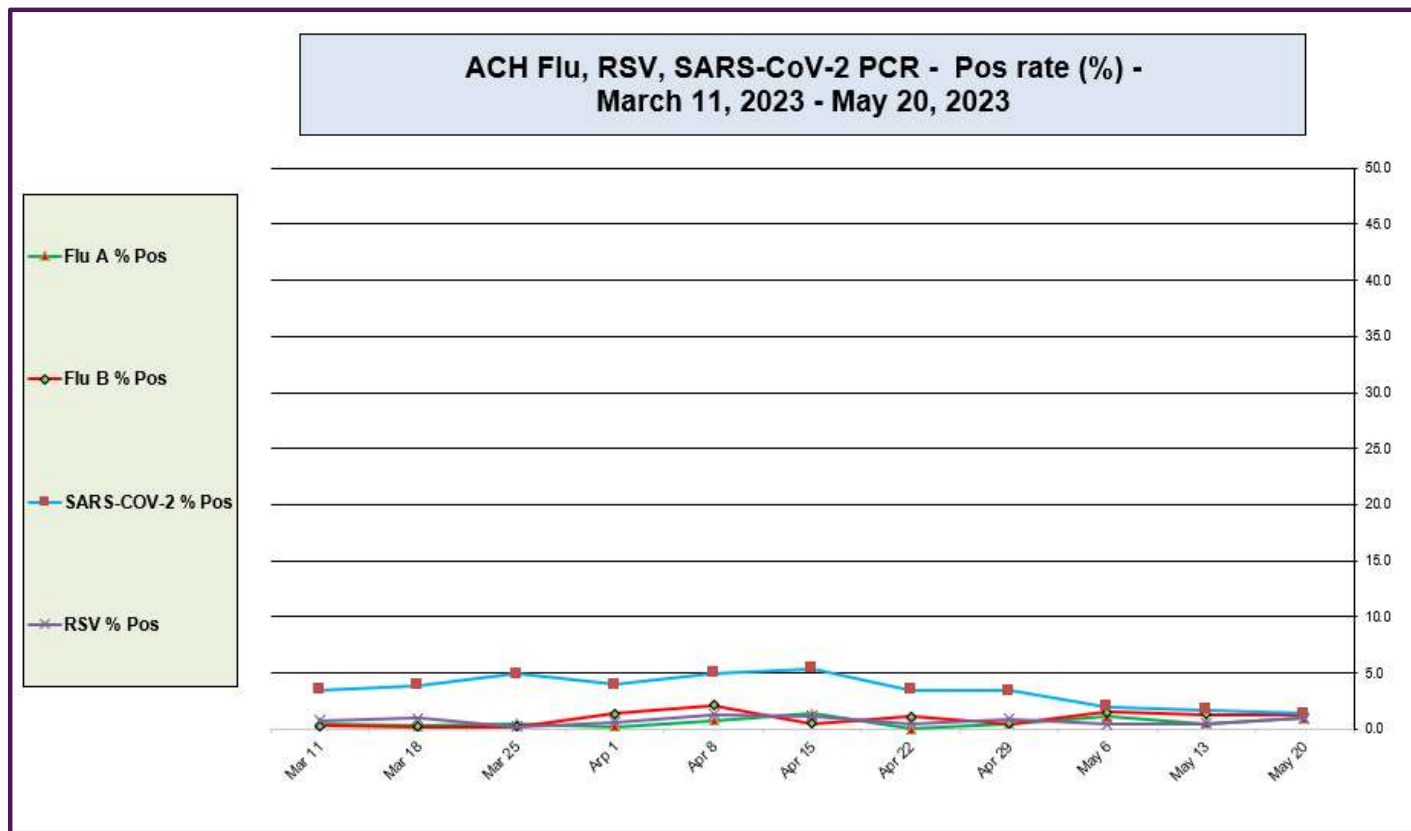
Data generated using: Respiratory Pathogen Panel (LAB9955), Rapid SARS-CoV-2 by PCR (LAB10644), COVID/FLU by PCR (LAB10889), COVID/FLU/RSV Panel (LAB10789), 2019 Novel Coronavirus (SARS-CoV-2) LAB10635

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AAH WI Hospitals (patients < 18 yrs old) Influenza A, Influenza B, RSV, and SARS-CoV-2 PCR
Positivity rates (Mar 11, 2023 – May 20, 2023)
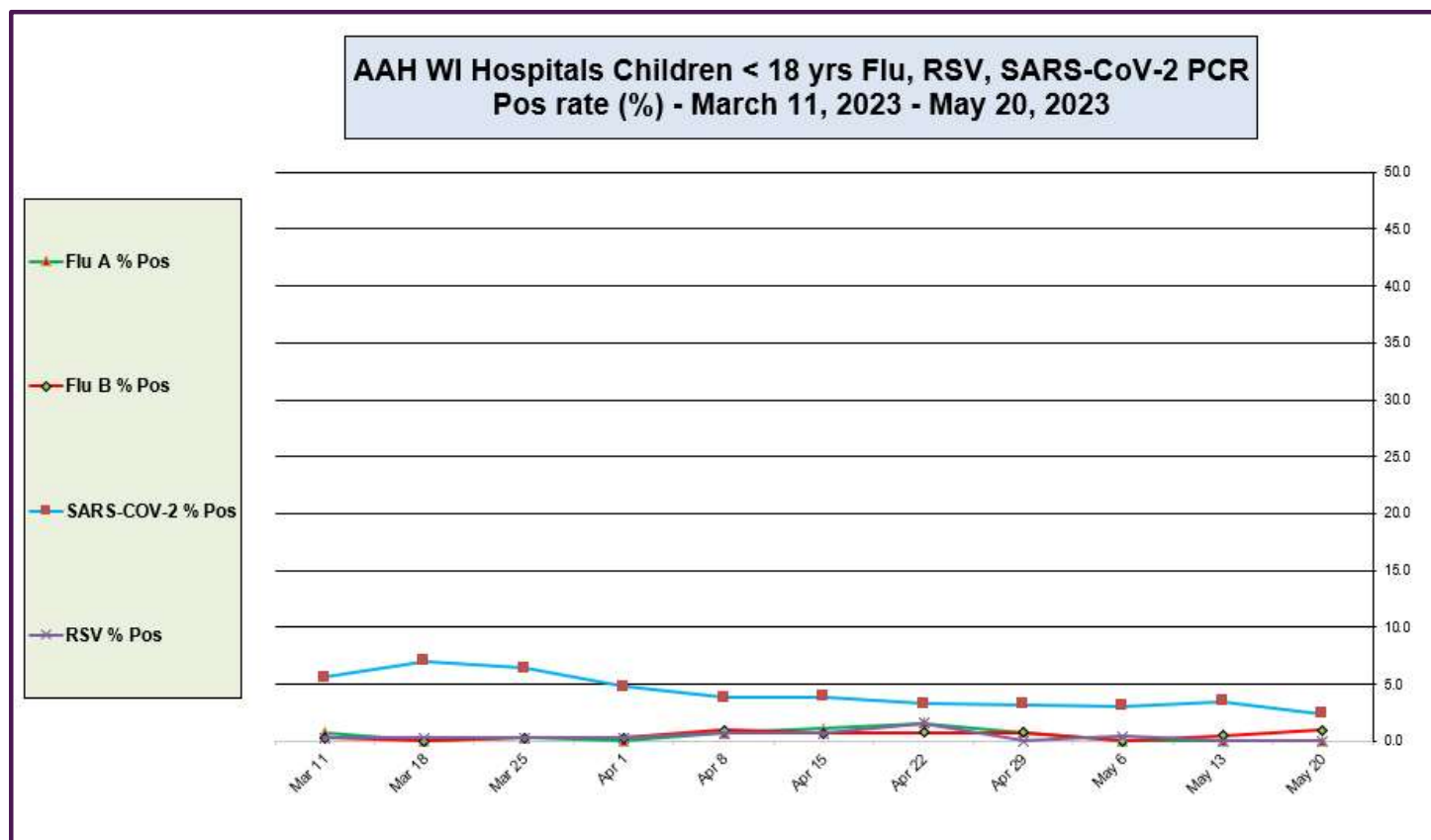
AAH WI Hospitals Children < 18 yrs Flu, RSV, SARS-CoV-2 PCR Pos rate (%) - March 11, 2023 - May 20, 2023

Data generated using: Respiratory Pathogen Panel (LAB9955), Rapid SARS-CoV-2 by PCR (LAB10644), COVID/FLU by PCR (LAB10889), COVID/FLU/RSV Panel (LAB10789), 2019 Novel Coronavirus (SARS-CoV-2) LAB10635

AAH Orthopoxvirus Positive Patients (March 4, 2023 – May 20, 2023)
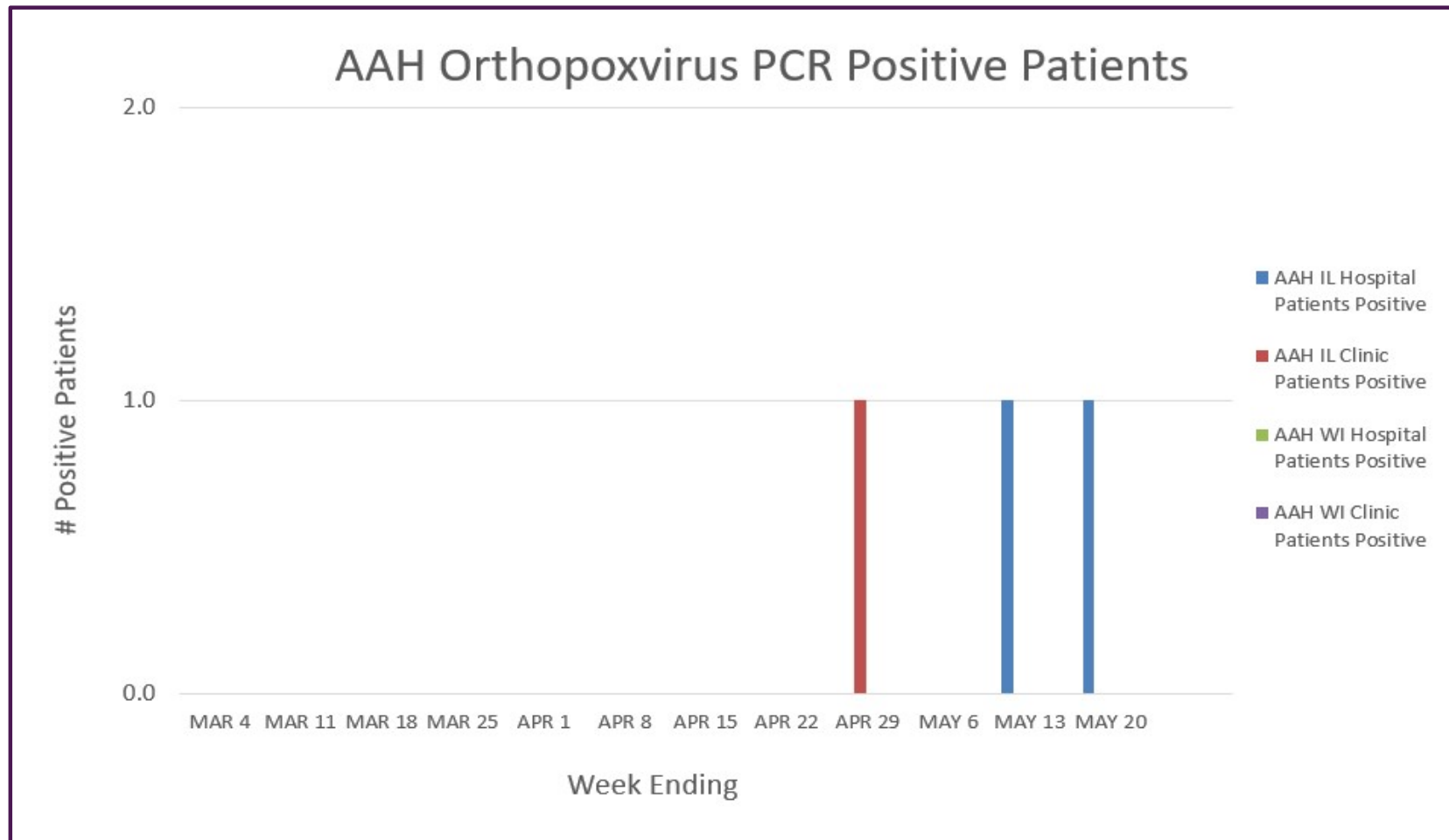
Data generated using: Miscellaneous Test (LAB10119 to Sent to IL/WI State Labs) 5/29/22-7/24/22 and Orthopoxvirus by PCR (LAB11274 sent to ARUP 7/25/22 – Present)