

ACL Laboratories COVID-19 and Influenza Activity Report

Updated: Jan 23, 2022



RESPIRATORY PATHOGEN PANEL Jan 23, 2022 Positivity Rate (%)

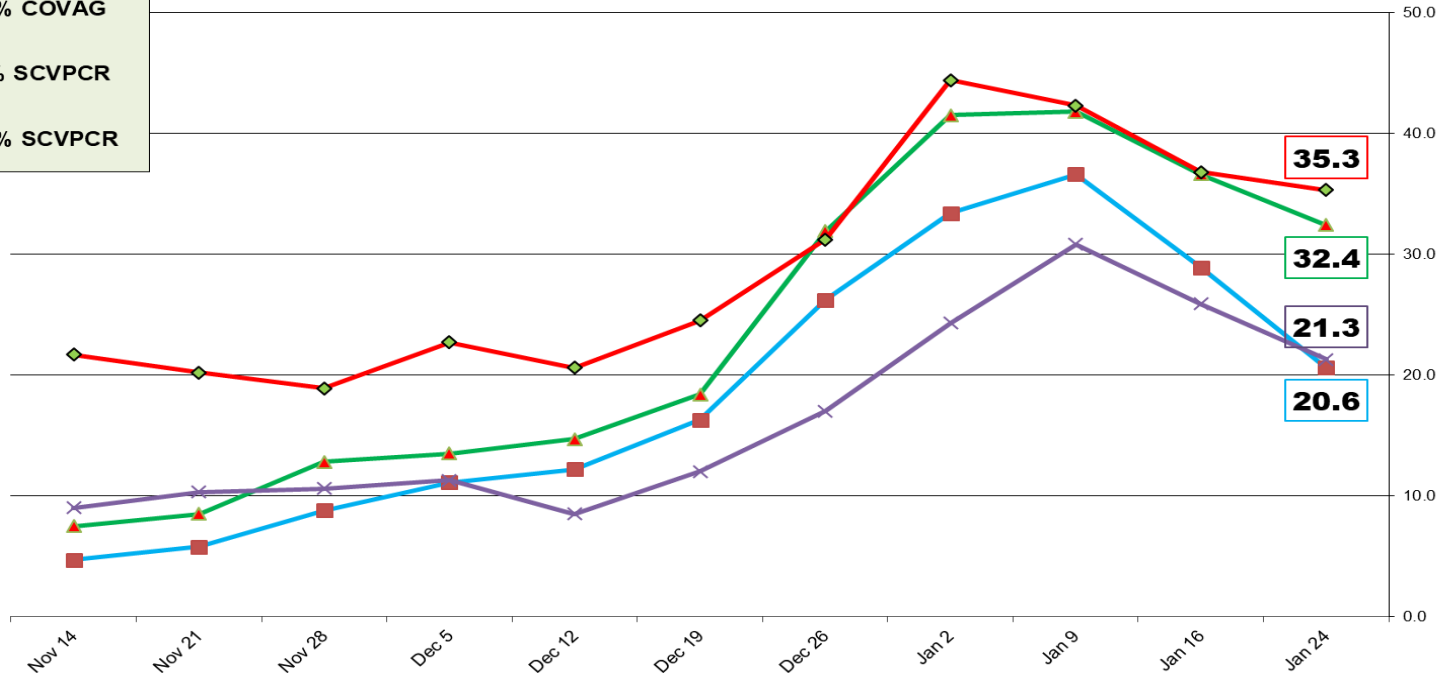
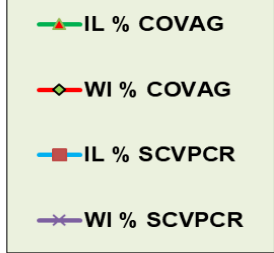
MONTH	FLU A UnSub	FLU A (H1N1)	2009 H1N1	FLU A H3N2	FLU B	RSV A/B	PARA 1	PARA 2	PARA 3	PARA 4	COR 229E	COR NL63	COR OC43	COR HKU1	META	E/R	Adeno	BOCA	Legionella	Chlamydia	Mycoplasma
FEB	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.2	6.1	0.2	0.3	0.0	0.0	0.0
MAR	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.1	0.1	0.3	0.1	1.4	0.9	0.1	0.4	12.2	1.2	0.3	0.0	0.1	0.1
APR	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.5	0.0	0.0	2.5	2.9	0.0	0.8	15.3	1.4	1.2	0.0	0.0	0.0
MAY	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	3.9	0.0	0.2	1.4	3.9	0.0	0.0	14.4	1.7	1.4	0.2	0.0	0.1
JUN	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.3	9.6	0.0	0.3	0.4	2.4	0.0	0.1	15.8	1.1	1.8	0.0	0.0	0.1
JUL	0.0	0.0	0.0	0.0	0.0	8.2	0.1	0.5	12.9	0.0	0.1	0.4	1.4	0.0	0.5	18.9	1.6	4.4	0.4	0.0	0.0
AUG	0.0	0.0	0.0	0.0	0.0	13.3	0.0	1.2	6.2	0.1	0.1	0.1	0.5	0.0	0.7	14.0	1.3	3.6	0.0	0.0	0.0
SEP	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.9	1.8	0.4	0.0	0.0	0.4	0.0	0.6	23.6	0.8	4.1	0.1	0.0	0.1
OCT	0.0	0.0	0.0	0.0	0.0	7.8	0.0	1.6	1.2	1.0	0.1	0.0	0.4	0.0	0.3	21.0	1.2	4.0	0.2	0.0	0.0
NOV	0.0	0.1	0.1	0.7	0.0	7.6	0.1	1.5	0.9	1.5	0.2	0.1	0.9	0.0	1.0	18.3	1.4	3.7	0.1	0.0	0.0
DEC	0.0	0.0	0.0	2.7	0.0	4.4	0.0	0.8	1.4	1.4	0.4	0.1	1.6	0.2	2.7	11.4	2.3	4.4	0.2	0.0	0.0
Jan-22	0.0	0.0	0.0	1.3	0.0	1.9	0.0	0.6	0.6	0.5	0.5	0.0	1.0	0.0	3.8	4.8	1.3	1.7	0.0	0.0	0.0

Increased prevalence of viruses: **Rhinovirus, Metapneumovirus, Parainfluenza 2, 4, Flu A**

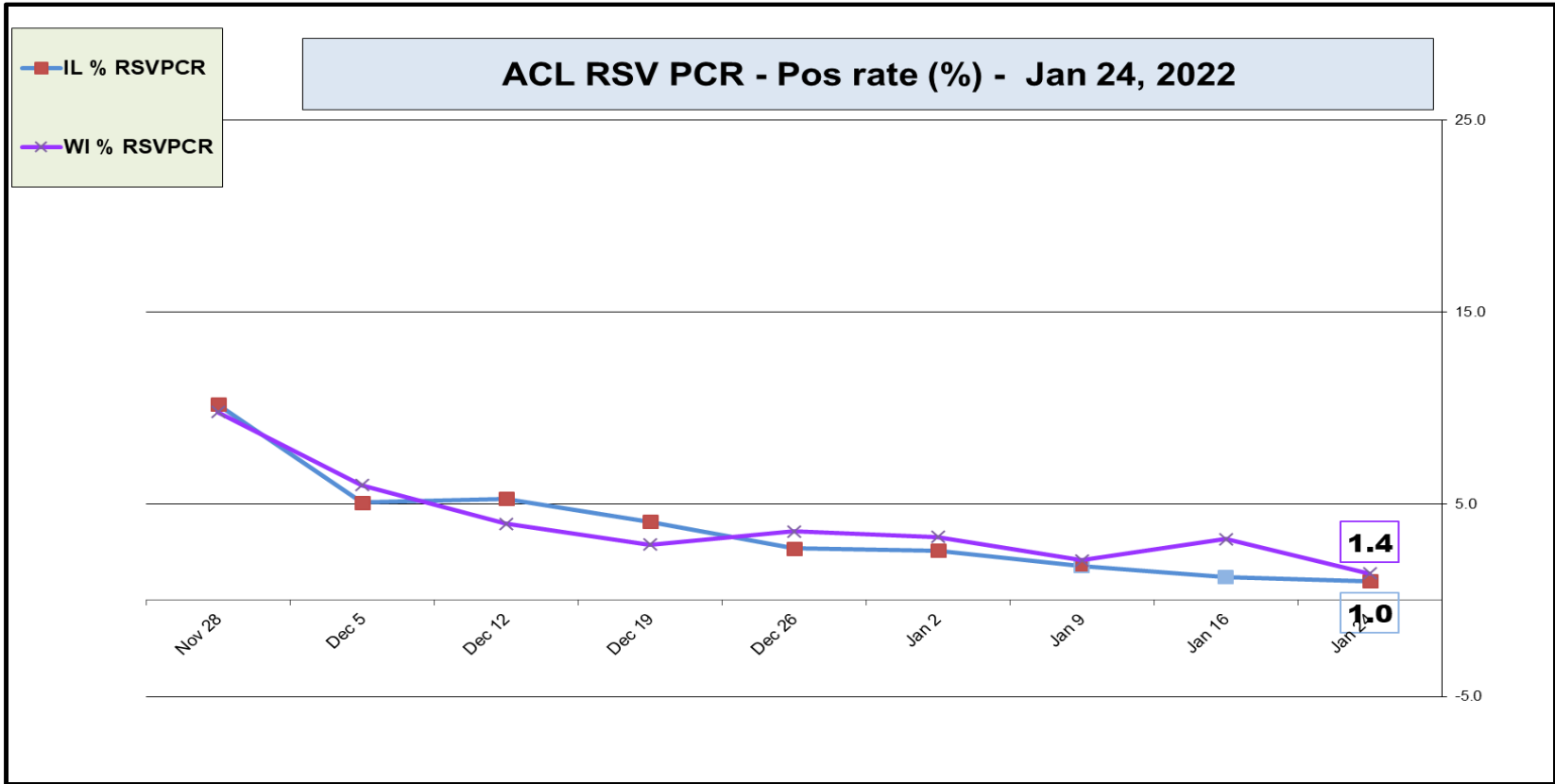
SARS-COV-2 ↓					Influenza PCR ↓		RSV PCR ↓		Hologic Aptima	
Week	IL % SCVPCR	WI % SCVPCR	IL % COVAG	WI % COVAG	IL % FLUPCR	WI % FLUPCR	IL % RSVPCR	WI % RSVPCR	IL % COV19	WI % COV19
Jan 24	20.6	21.3	32.4	35.3	0.2	3.4	1.0	1.4	20.8	26.6
Jan 16	28.9	25.9	36.6	36.8	0.7	2.3	1.2	3.2	28.6	31.9
Jan 9	36.6	30.8	41.8	42.3	0.6	3.2	1.8	2.1	35.3	35.8
Jan 2	33.4	24.3	41.5	44.4	1.7	6.9	2.6	3.3	33.6	30.9
Dec 26	26.2	17.0	31.9	31.2	1.9	8	2.7	3.6	20.5	16.4
Dec 19	16.3	12.0	18.4	24.5	3.7	9.6	4.1	2.9	11.0	11.8
Dec 12	12.2	8.5	14.7	20.6	5.1	7.1	5.3	4.0	6.9	10.7
Dec 5	11.1	11.3	13.5	22.7	5.5	5.5	5.1	6.0	6.3	11.6
Nov 28	8.8	10.6	12.8	18.9	3.9	1.8	10.2	9.8	6.1	11.4
Nov 21	5.8	10.3	8.5	20.2	1.9	0.2	14.0	12.0	3.8	9.6
Nov 14	4.7	9.0	7.5	21.7	0.5	0	15.0	15.7	3.8	9.6
Nov 7	3.8	7.4	6.6	17.6	0	0.3	21.4	20.7	3.2	7.8

ACL SARS-CoV-2, Flu and RSV positivity rate – all trends down!

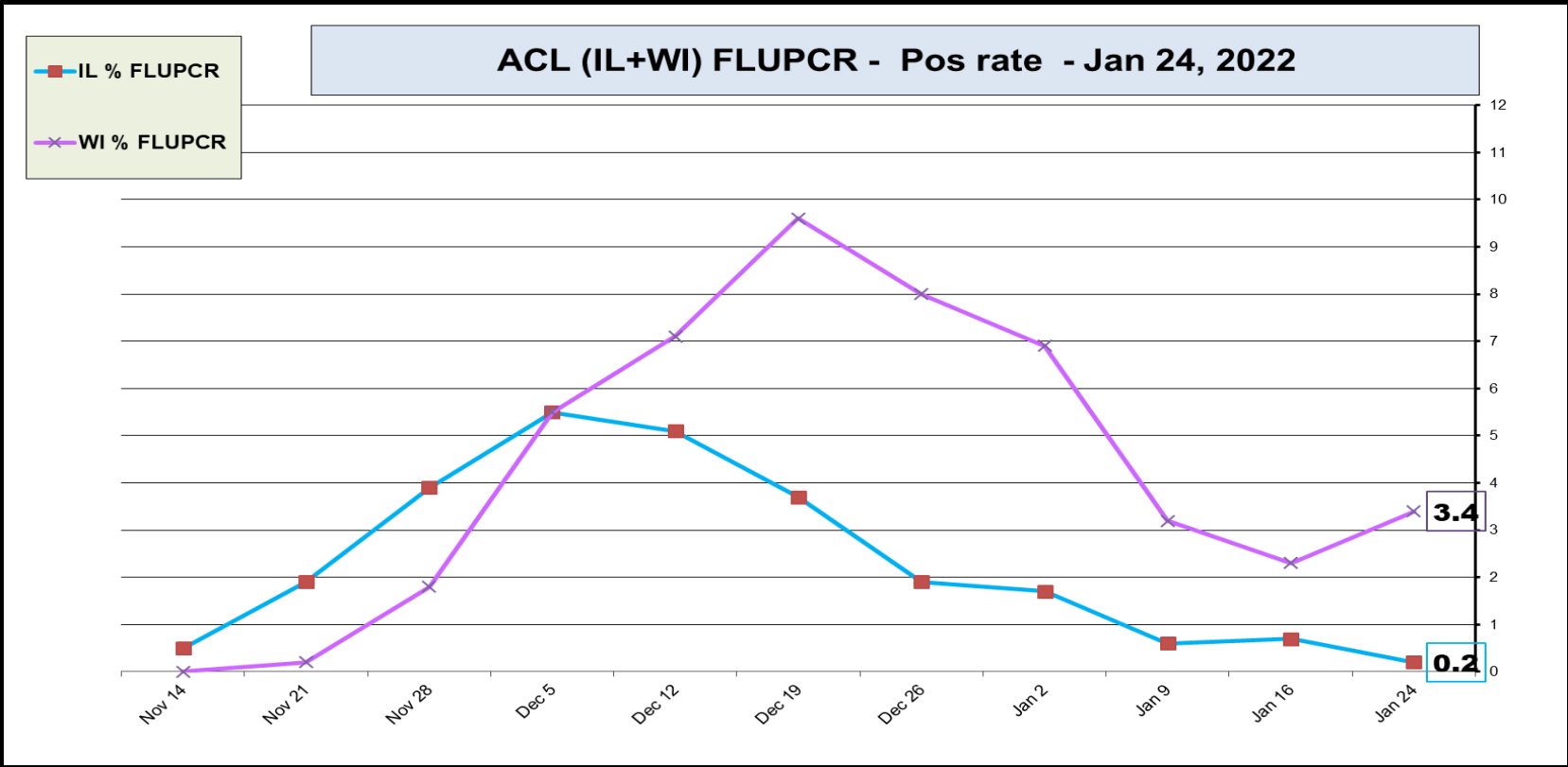
ACL COVAG and SCVPCR - Pos rate (%) - Jan 24, 2022



ACL SARS-CoV-2 positivity rate - trends up

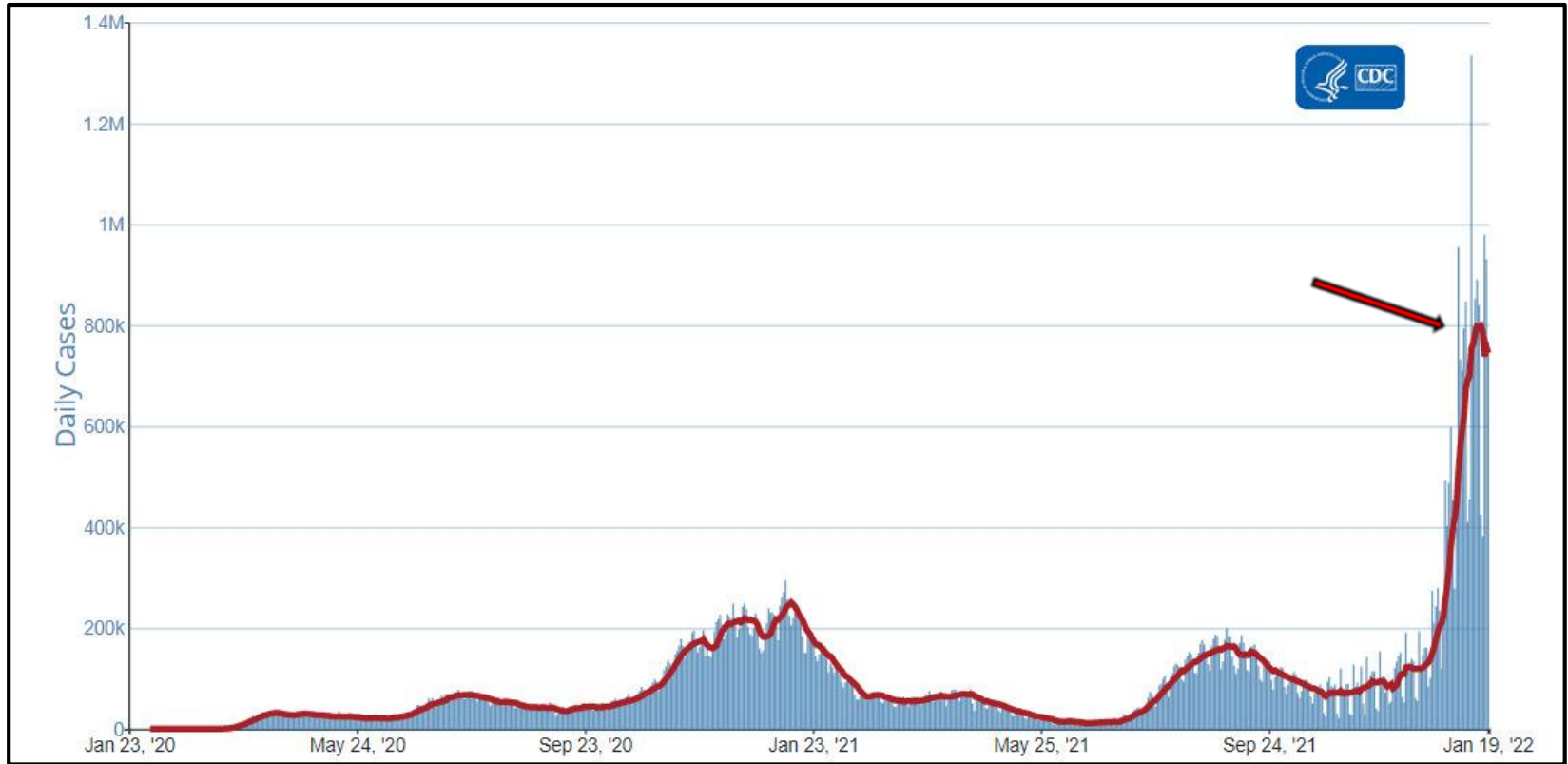


ACL RSV positivity rate - **trends down**



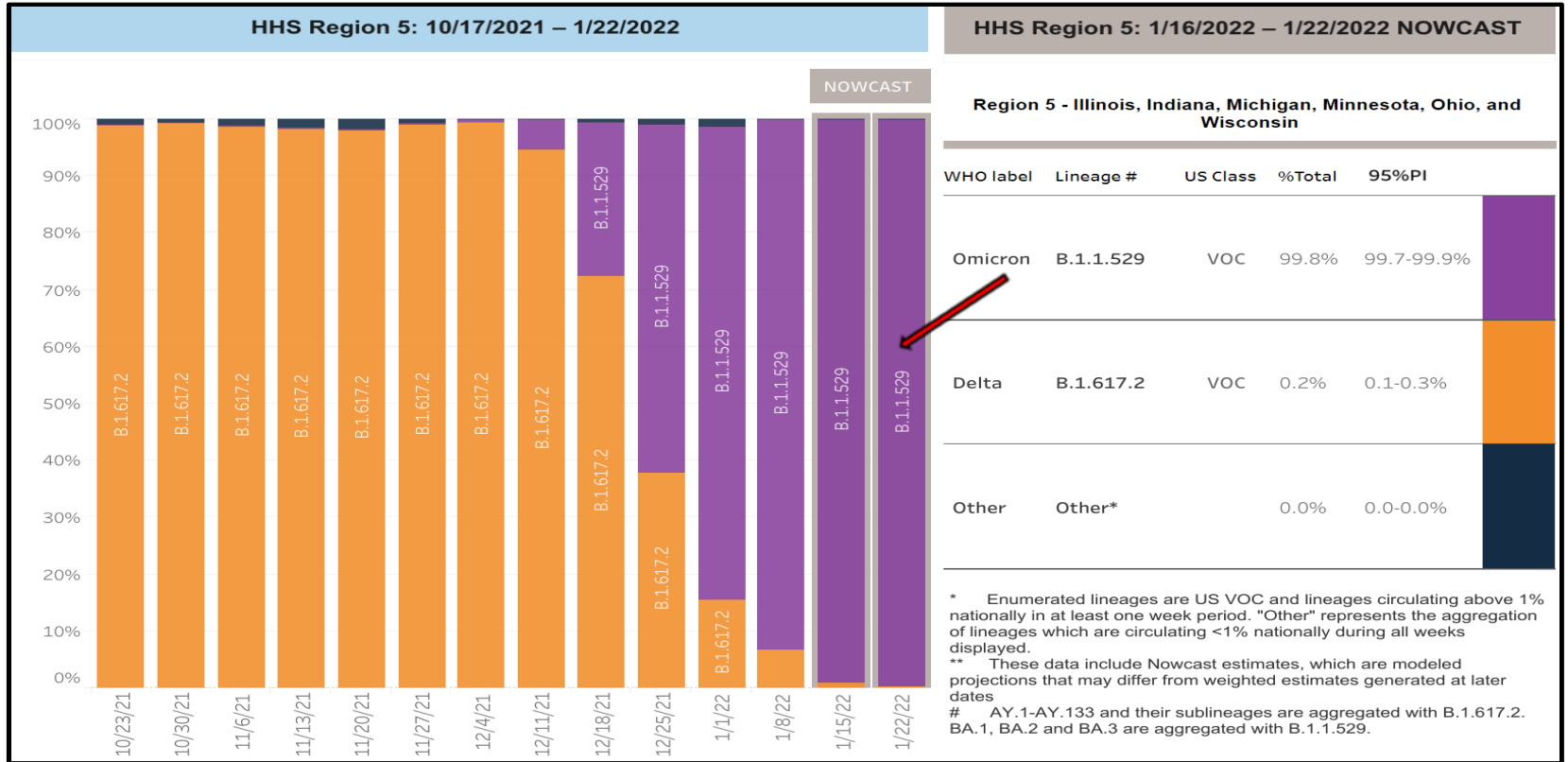
ACL Flu positivity rate – trends down (58 Flu pos/3498 samples tested)

CDC- Daily COVID-19 cases in US – Jan 19, 2022



CDC SARS-CoV-2 positivity rate - **trends up**

Jan 22, 2022 – SARS-CoV-2 circulating in the Midwest based on projection by Nowcast modeling (0.2% Delta ↓, 99.8% Omicron ↑)

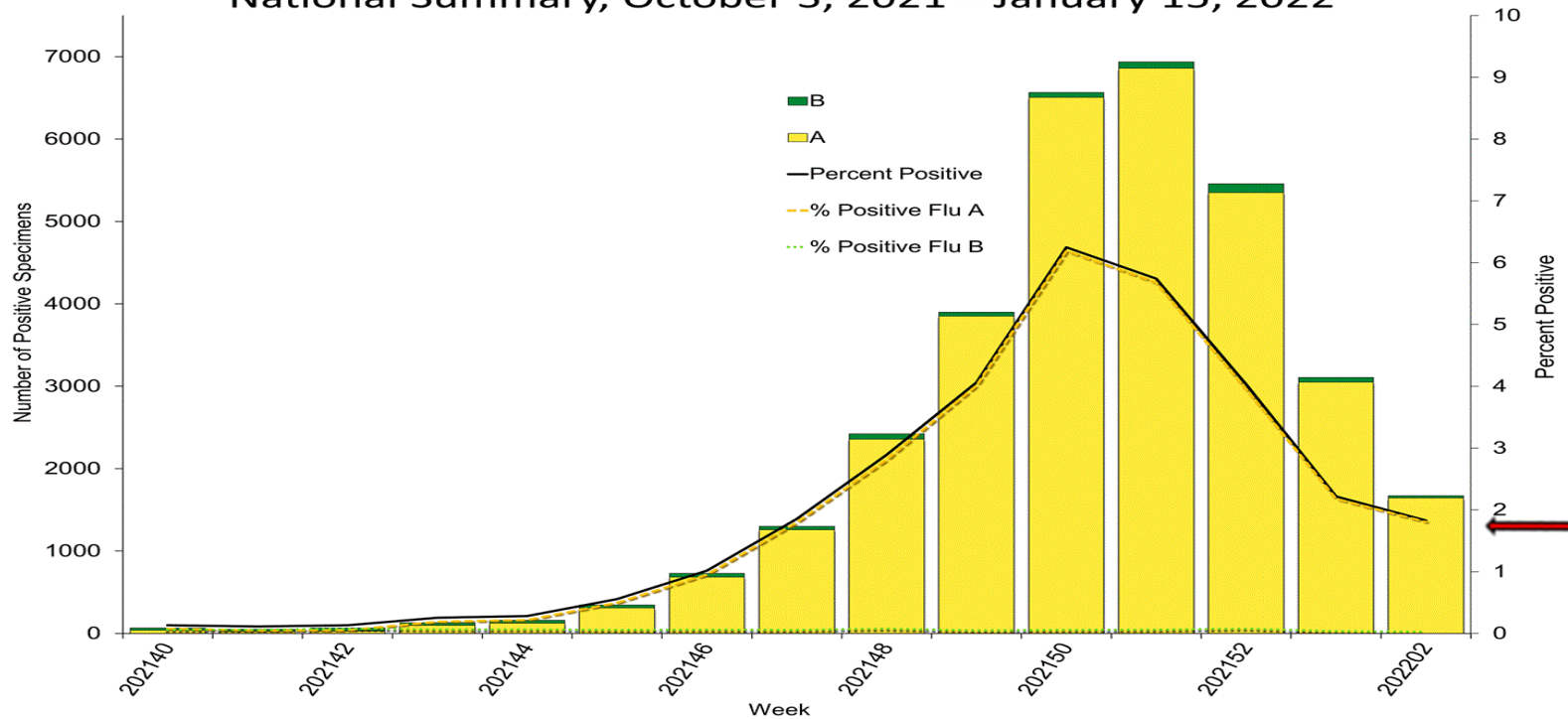


** CDC uses **Nowcast** model that estimates more recent proportions of circulating variants (actual sequencing data is typically delayed for 2 weeks).

US vaccination status CDC | Data as of: Jan 20, 2022

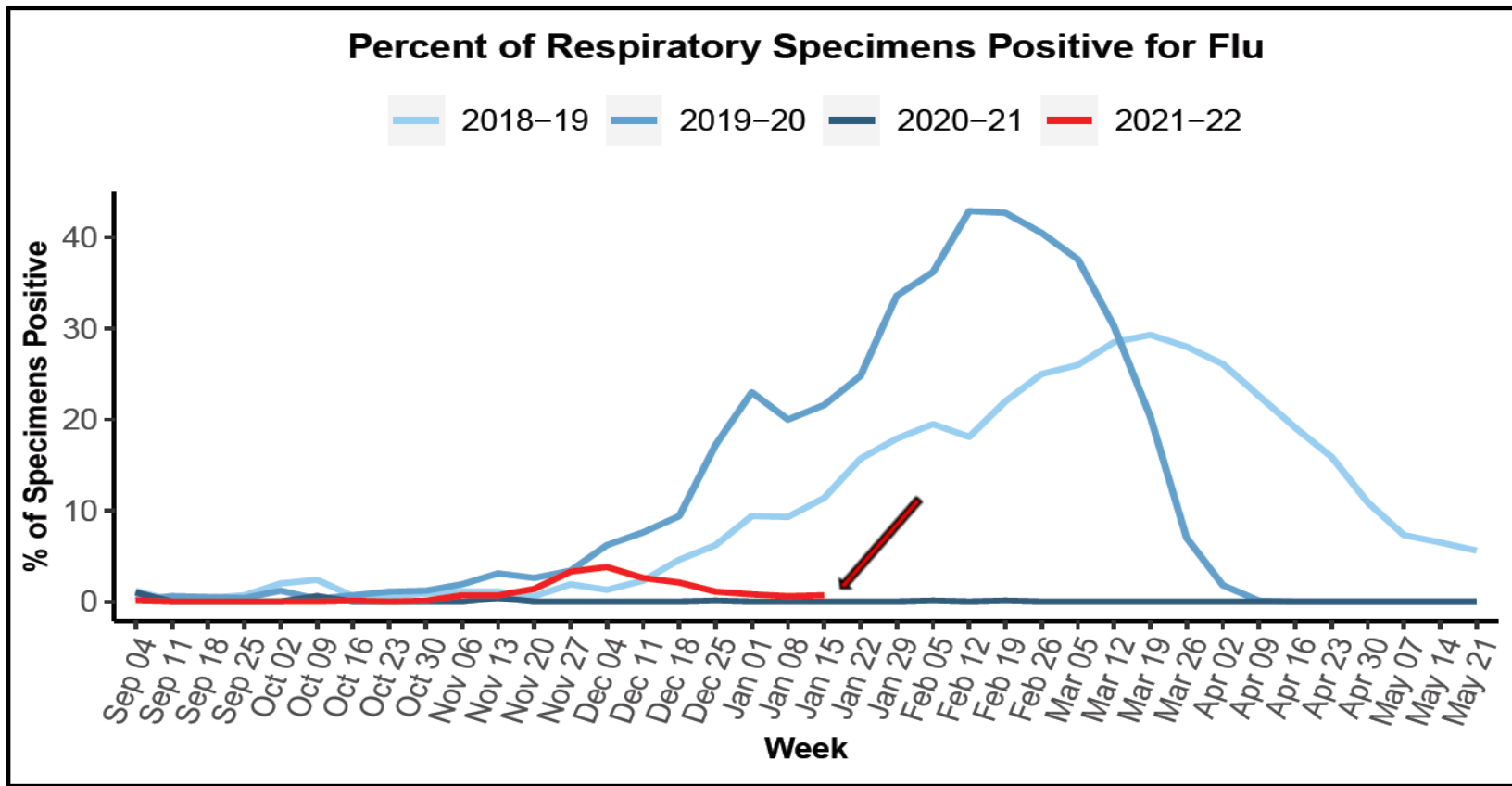
531,864,871 Vaccines Administered	
250,028,635 People who received at least one dose	209,842,610 People who are fully vaccinated*
75.3% Percentage of the U.S. population that has received at least one dose	63.2% Percentage of the U.S. population that has been fully vaccinated*

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, October 3, 2021 – January 15, 2022



CDC Flu positivity rate – trends down 1.8%

CDC Midwest data as of: Jan 15, 2022



2021-22 Influenza Season Week 2 ending Jan 15, 2022

