

ACL Laboratories COVID-19 and Influenza Activity Report

Updated: Jul 18, 2021



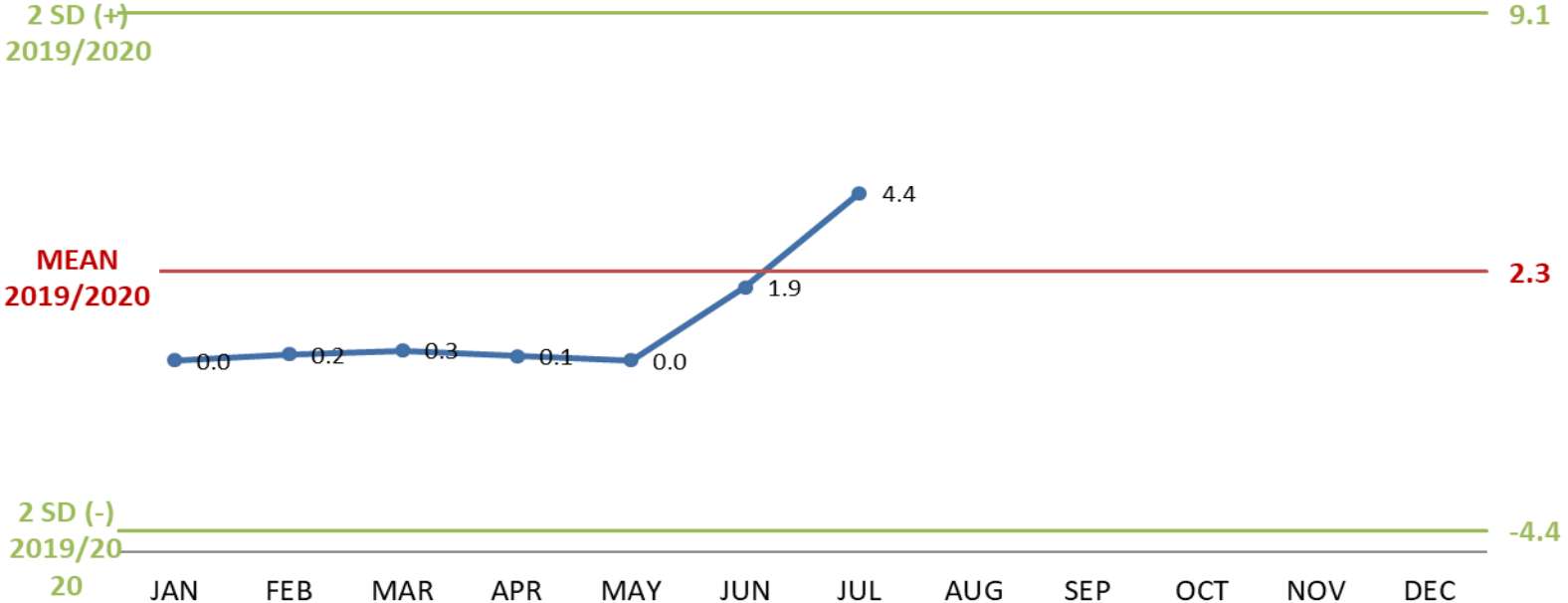
RESPIRATORY PATHOGEN PANEL 2021

Positivity Rate (%)

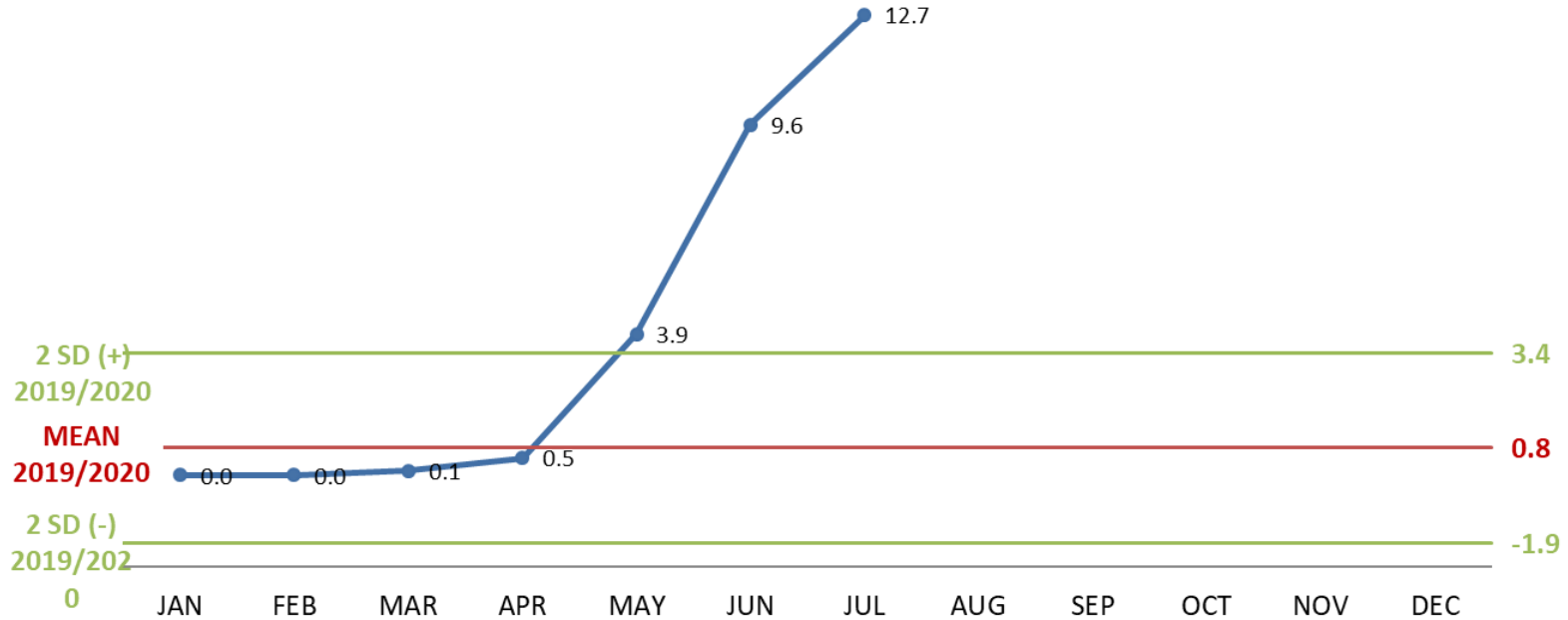
MONTH	FLU A	FLU H1 (H1-A)	2009 H1N1 (H1-B)	H3	FLU B	RSV A	RSV B	RSV TOTAL	PARA 1	PARA 2	PARA 3	Para 4 A	COR 229E	COR NL63	COR OC43	COR HKU1	META	E/R	Adeno	BOCA	LEG	CHL	MYCO
JAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.7	0.3	0.0	0.0	0.0
FEB	0.0	0.0	0.0	0.0	0.0	0.0	0.2	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	0.1	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	0.0	0.1	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	0.0	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	0.1	1.8	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	0.6	3.8	4.4	0.2	0.3	12.7	0.0	0.2	0.3	1.6	0.0	0.3	16.1	1.6	2.8	0.3	0.0	0.0
AUG																							
SEP																							
OCT																							
NOV																							
DEC																							

Increased prevalence of viruses: **RSV (type B), Parainfluenza 3 and Rhinovirus.**

RSV POSITIVITY RATE 2021 (%)



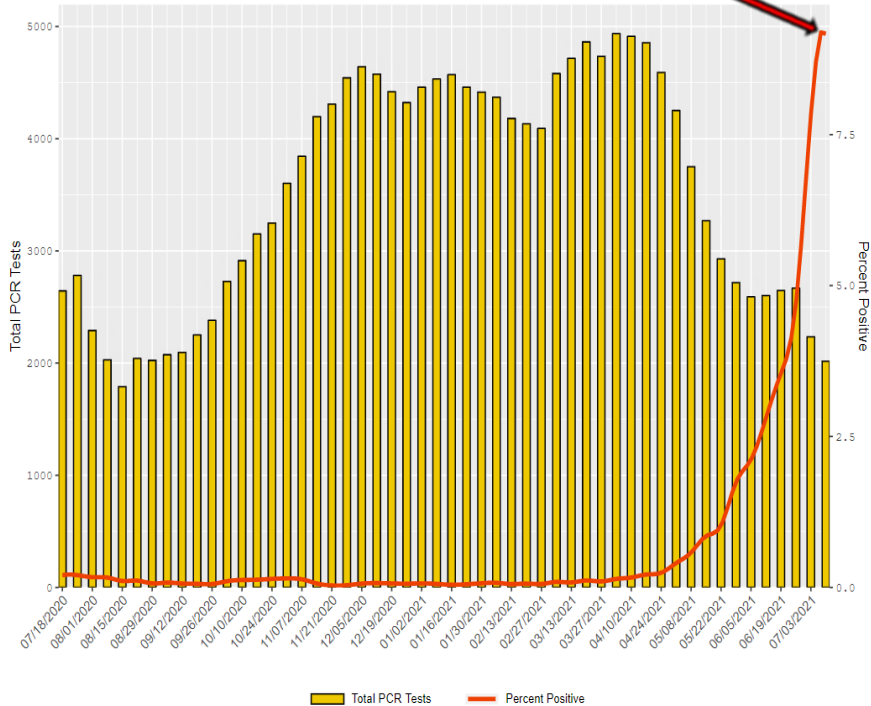
PARA3 POSITIVITY RATE 2021 (%)



CDC Data RSV pos rate for Region 5 Chicago - (PCR - 9%, Antigen - 12.5%)

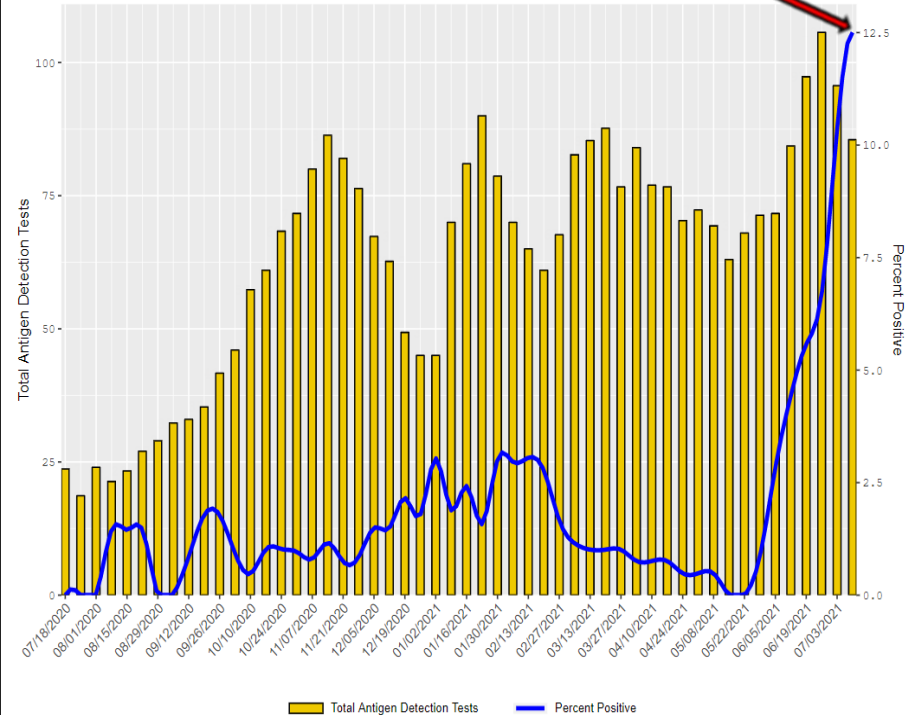
Total PCR Tests

RSV PCR for HHS Region 5 - Chicago (3 week average)



Total Antigen Tests

RSV Antigen for HHS Region 5 - Chicago (3 week average)

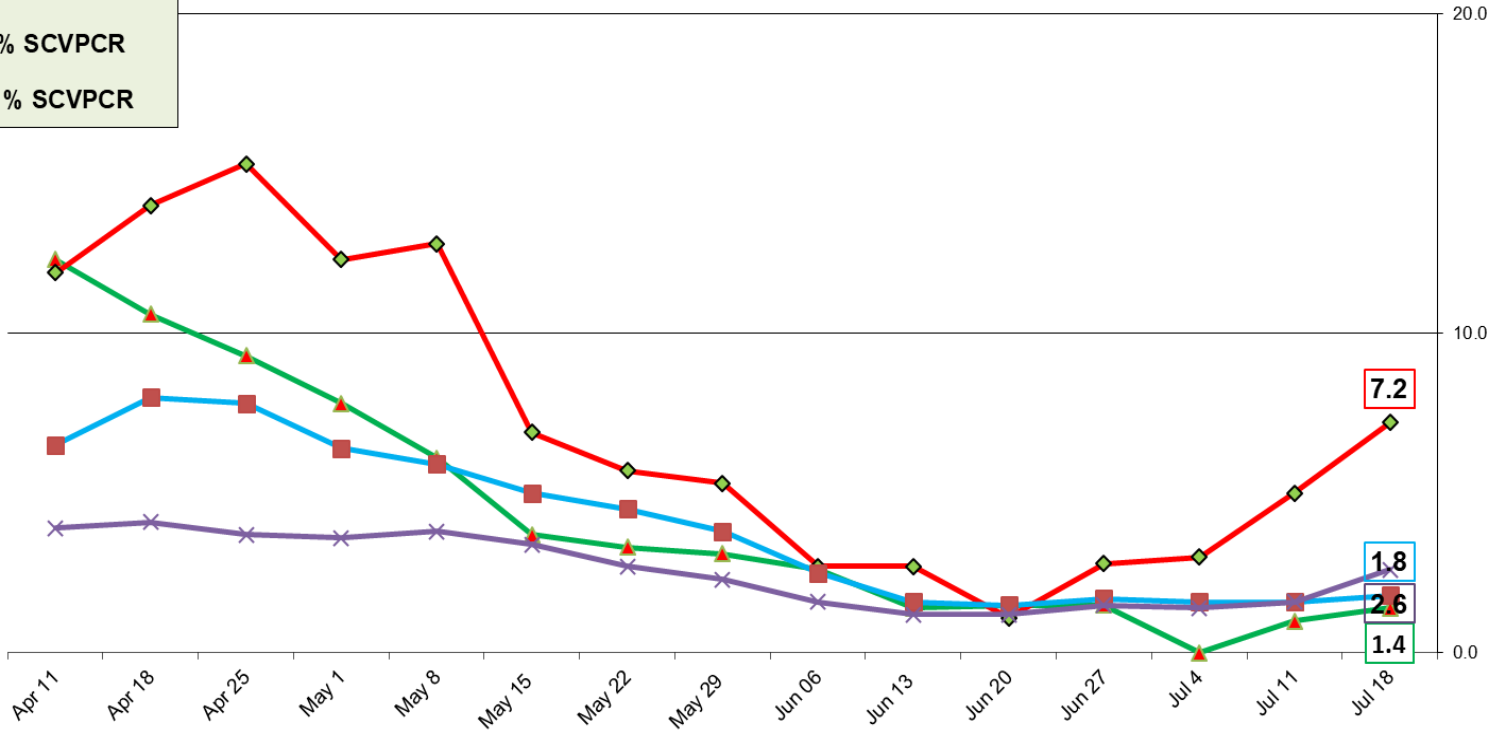


SARS-COV-2				Hologic Aptima		Influenza - no activity				
Week	IL % SCVPCR	WI % SCVPCR	IL % COVAG	WI % COVAG	IL % COV19	WI % COV19	IL % FLUPCR	WI % FLUPCR	IL % FLUAG	WI % FLUAG
Jul 18	1.8	2.6	1.4	7.2	2.1	2.3	0	0	0	0
Jul 11	1.6	1.6	1.0	5.0	1.0	1.0	0	0	0	0
Jul 4	1.6	1.4	0.0	3.0	1.0	1.4	0	0	0	0
Jun 27	1.7	1.5	1.5	2.8	0.3	0.9	0	0	0	0
Jun 20	1.5	1.2	1.5	1.1	0.8	0.6	0	0	0	0
Jun 13	1.6	1.2	1.4	2.7	1.2	0.7	0	0	0	0
Jun 06	2.5	1.6	2.6	2.7	1.2	0.9	0	0	0	0
May 29	3.8	2.3	3.1	5.3	1.7	2.1	0	0	0	0
May 22	4.5	2.7	3.3	5.7	2.3	3.3	0	0	0	0
May 15	5.0	3.4	3.7	6.9	2.7	3.6	0	0	0	0
May 8	5.9	3.8	6.1	12.8	3.1	3.4	0	0	0	0
May 1	6.4	3.6	7.8	12.3	4.4	3.7	0	0	0	0

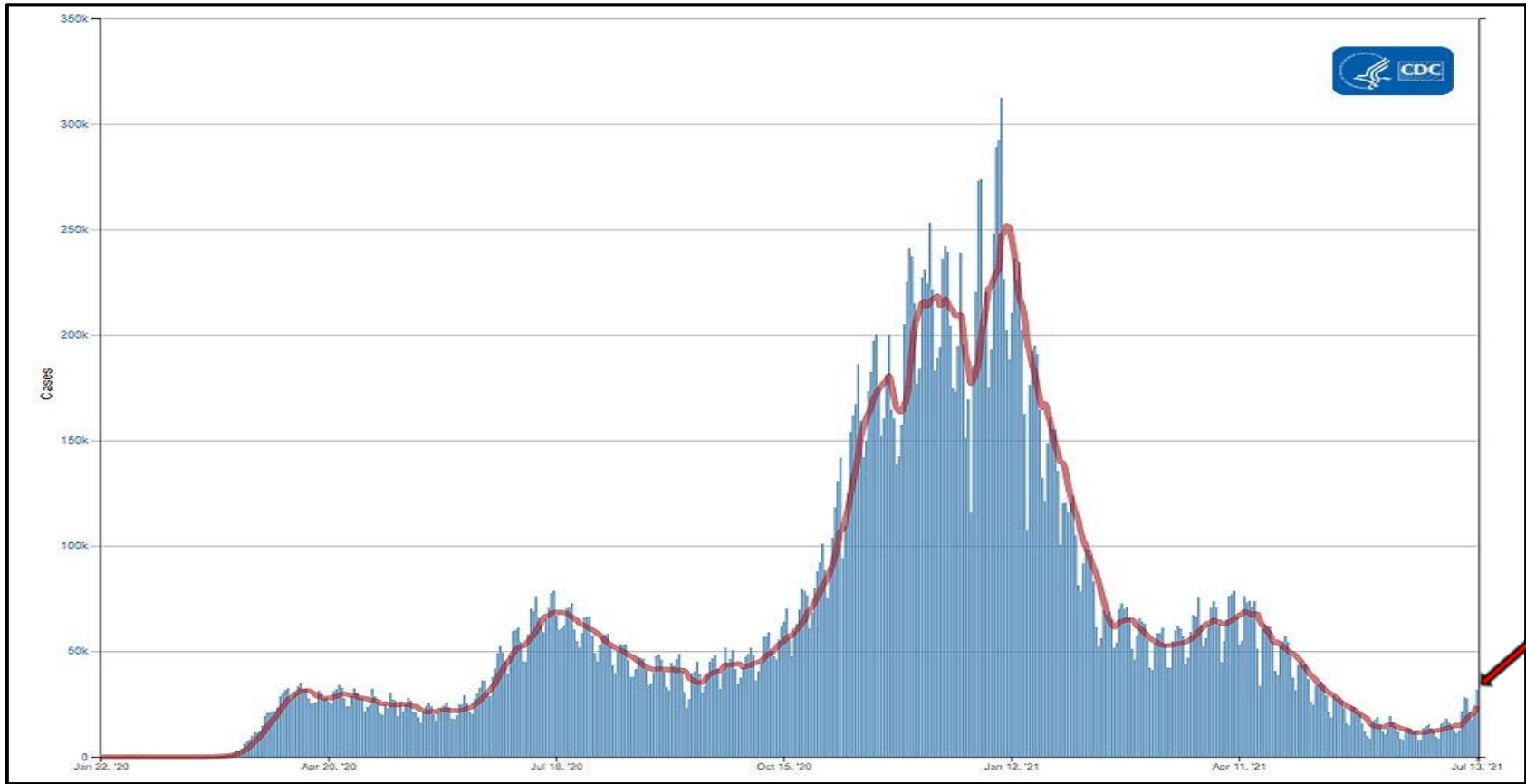
COVAG Antigen rapid test – is performed at Urgent Care sites

ACL COVAG and SCVPCR - Pos rate (%) - Jul 18, 2021

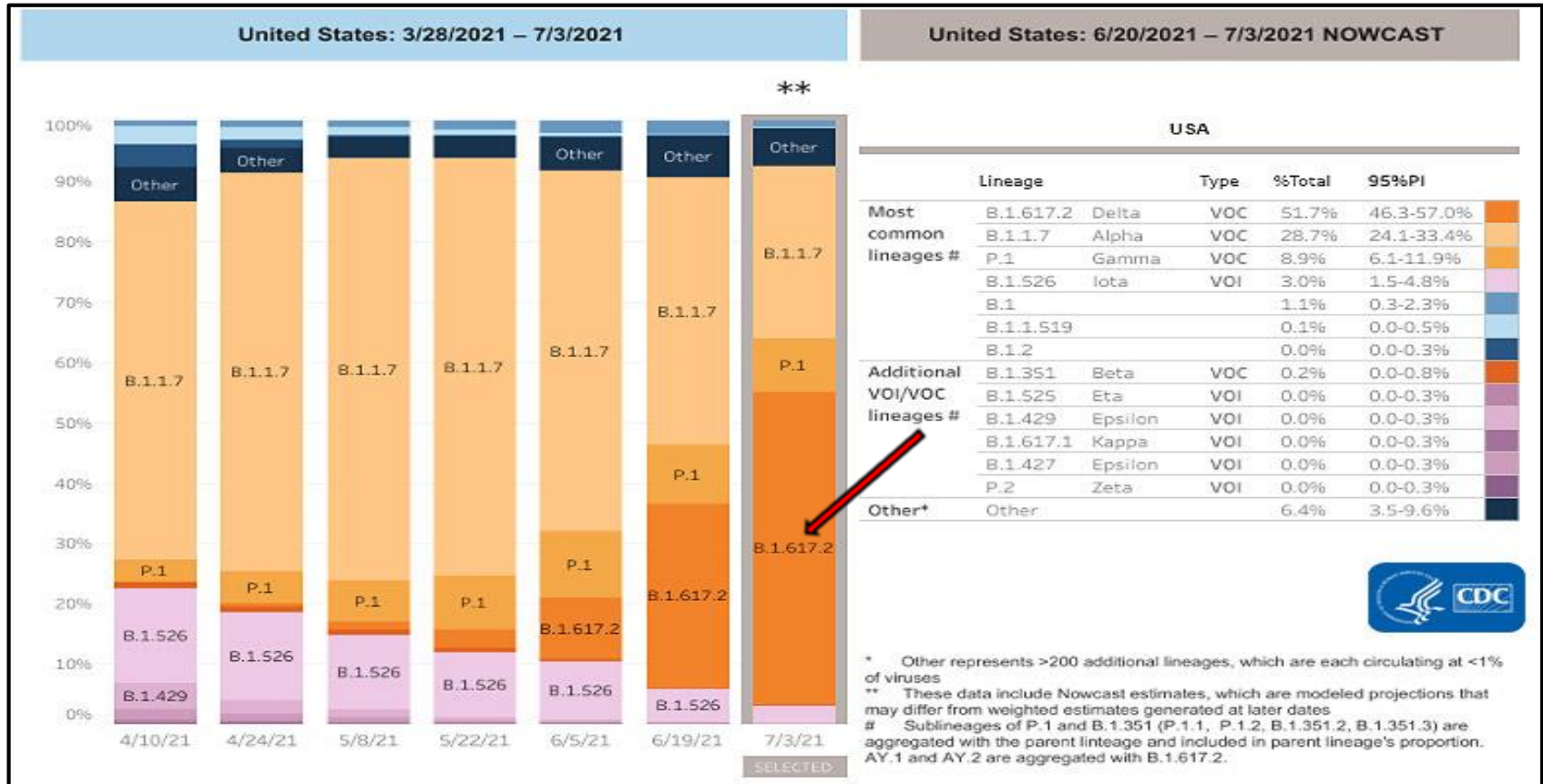
- IL % COVAG
- WI % COVAG
- IL % SCVPCR
- WI % SCVPCR



Jul 14, 2021 - daily COVID-19 cases in US - CDC



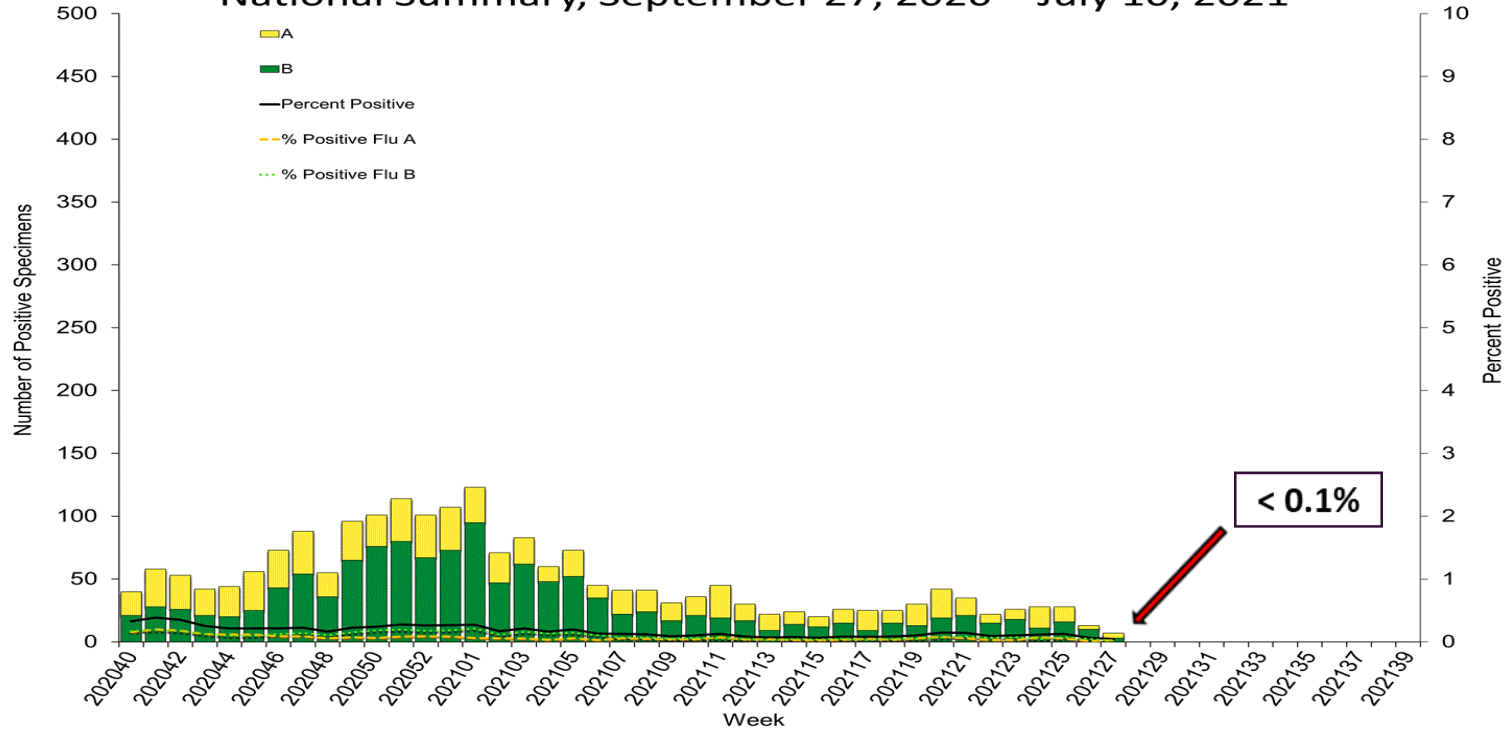
Jul 3, 2021 – SARS-CoV-2 variants circulating in the US (~52% is Delta)



Vaccination status CDC | Data as of: Jul 15, 2021

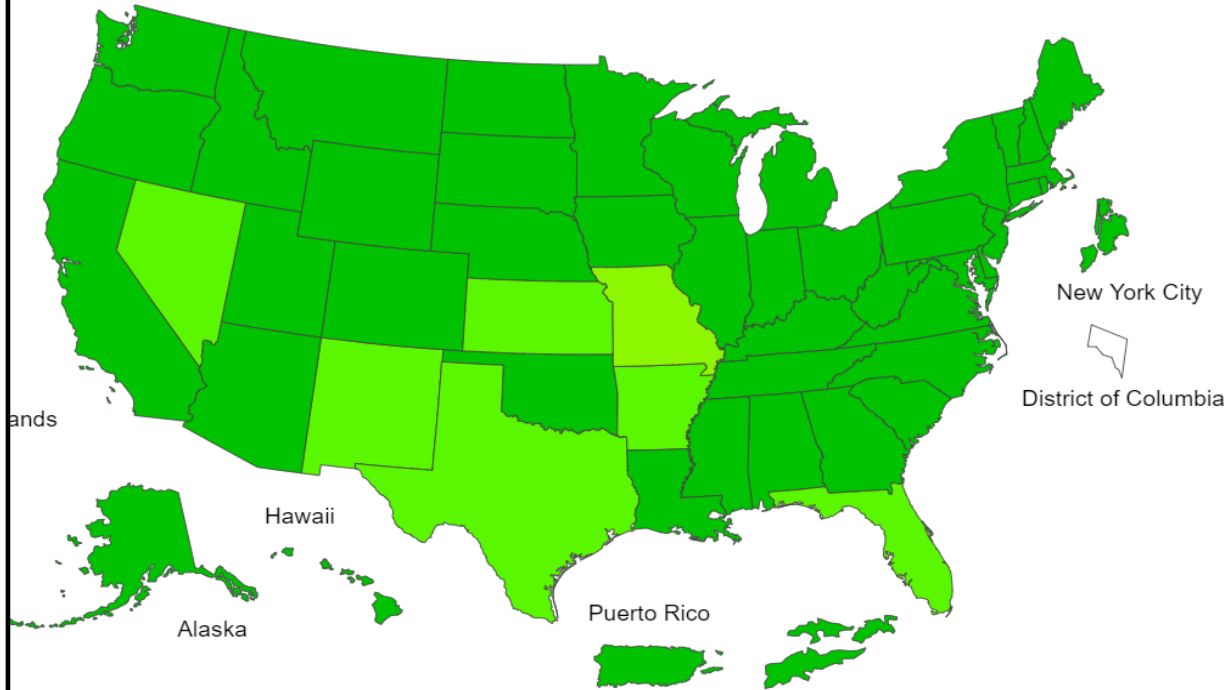
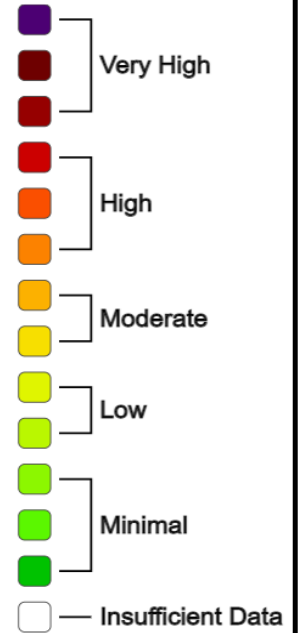
336,054,953 Vaccines Administered	
185,135,757 People who received at least one dose	160,408,538 People who are fully vaccinated*
55.8% Percentage of the US population that has received at least one dose	48.3% Percentage of the US population that has been fully vaccinated*

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, September 27, 2020 – July 10, 2021



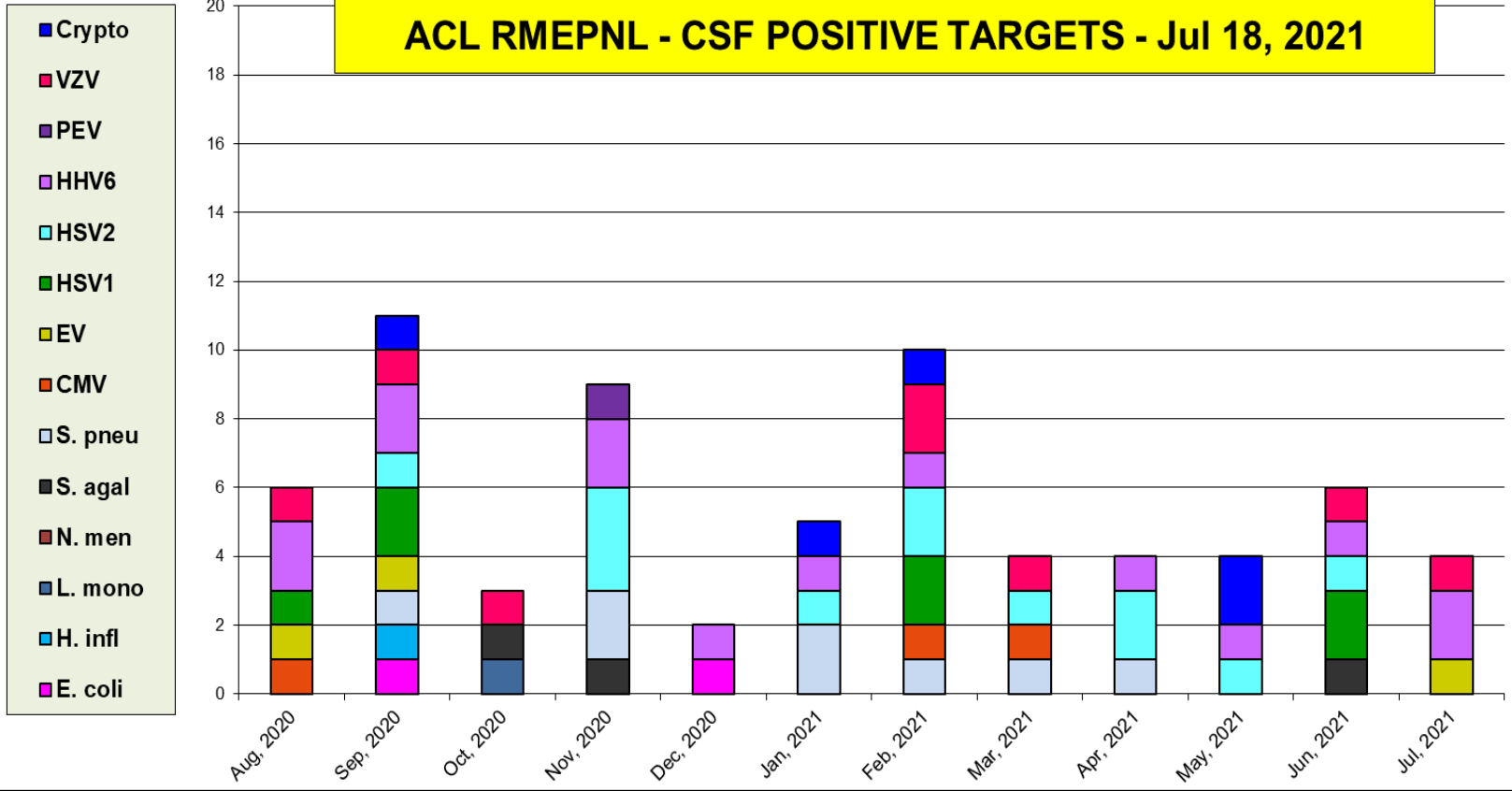
2020-21 Influenza Season Week 27 ending Jul 10, 2021

ILI Activity Level

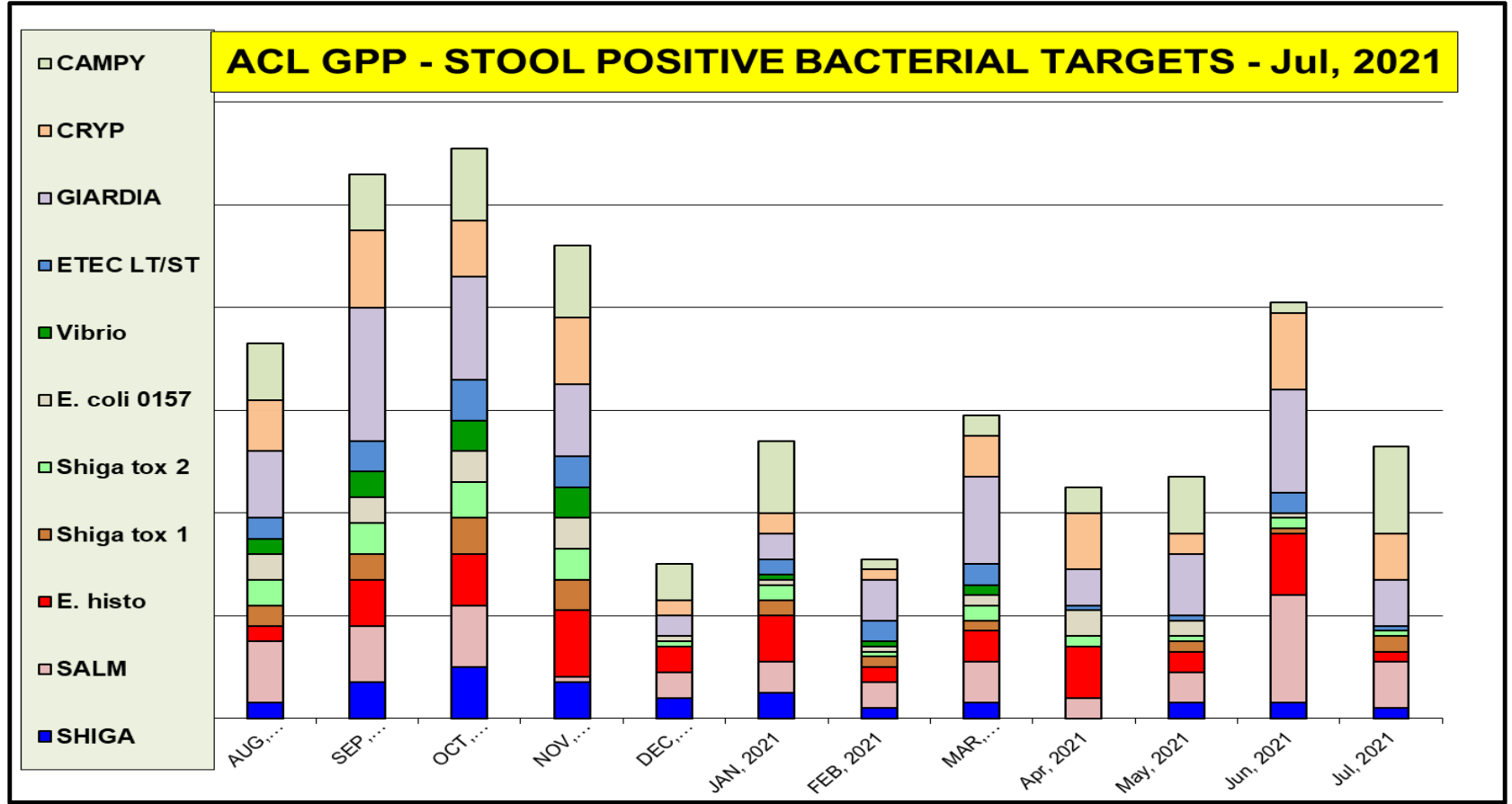


CSF targets positivity rate is 6%

ACL RMEPNL - CSF POSITIVE TARGETS - Jul 18, 2021



The most prevalent GI bacterial targets (Campylobacter)



The most prevalent GI viral targets – Norovirus II – 0.4%

