

ACL Laboratories COVID-19 and Influenza Activity Report

Updated: May 29, 2021



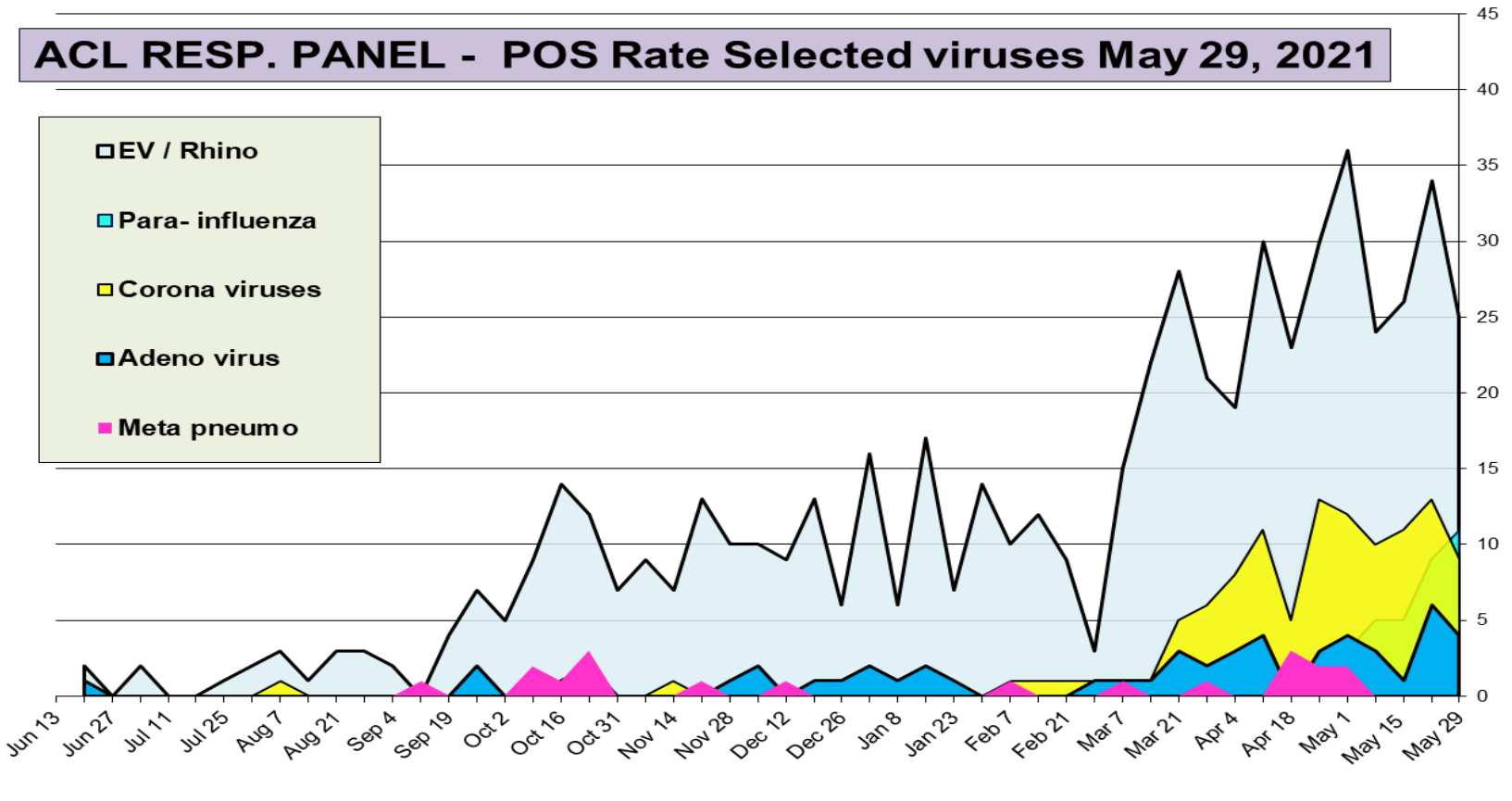
Respiratory Pathogens - MAY 29, 2021

Week	InfA-H1	InfA-H3	2009 H1N1	Inf B	RSV	Para-influenza	EV/ Rhino	Meta pneumo	Adeno virus	Corona viruses	Bocca	Myc. pneumo	Chlam. pneumo.	Leg. pneumo.	BP / BPP	Total Pos	POS FLU	Total	ACL RPPNL	CDC US %FLU	CDC IL/WI %FLU	ACL FLUPCR
May 29	0	0	0	0	3	11	25	0	4	9	0	0	0	0	0	47	0	178	0.0	n/a	n/a	0.0
May 22	0	0	0	0	0	9	34	0	6	13	6	0	0	0	0	46	0	219	0.0	<0.1	<0.1	0.0
May 15	0	0	0	0	2	5	26	0	1	11	2	0	0	0	0	47	0	192	0.0	<0.1	<0.1	0.0
May 8	0	0	0	0	0	5	24	0	3	10	3	1	0	0	0	46	0	198	0.0	<0.1	<0.1	0.0
May 1	0	0	0	0	0	3	36	2	4	12	3	0	0	0	0	60	0	204	0.0	<0.1	0.2	0.0
Apr 25	0	0	0	0	0	2	30	2	3	13	3	0	0	0	0	53	0	191	0.0	<0.1	0.1	0.0
Apr 18	0	0	0	0	1	1	23	3	0	5	1	0	0	0	0	33	0	213	0.0	<0.1	<0.1	0.0
Apr 11	0	0	0	0	0	2	30	0	4	11	3	0	0	0	0	33	0	187	0.0	<0.1	<0.1	0.0
Apr 4	0	0	0	0	0	2	19	0	3	8	1	0	0	0	0	33	0	146	0.0	<0.1	<0.1	0.0
Mar 28	0	0	0	0	0	0	21	1	2	6	0	0	0	0	0	30	0	197	0.0	0.1	0.1	0.0
Mar 21	0	0	0	0	0	0	28	0	3	5	1	0	0	0	0	34	0	172	0.0	0.1	0.0	0.0
Mar 12	0	0	0	0	0	0	22	0	1	1	0	0	0	0	0	24	0	153	0.0	0.1	0.1	0.0
Mar 7	0	0	0	0	0	0	15	1	1	1	0	0	0	0	0	18	0	127	0.0	0.2	0.2	0.0

Increased prevalence of **Rhinovirus** and **Corona NL63** and **Corona OC43**

ACL RESP. PANEL - POS Rate Selected viruses May 29, 2021

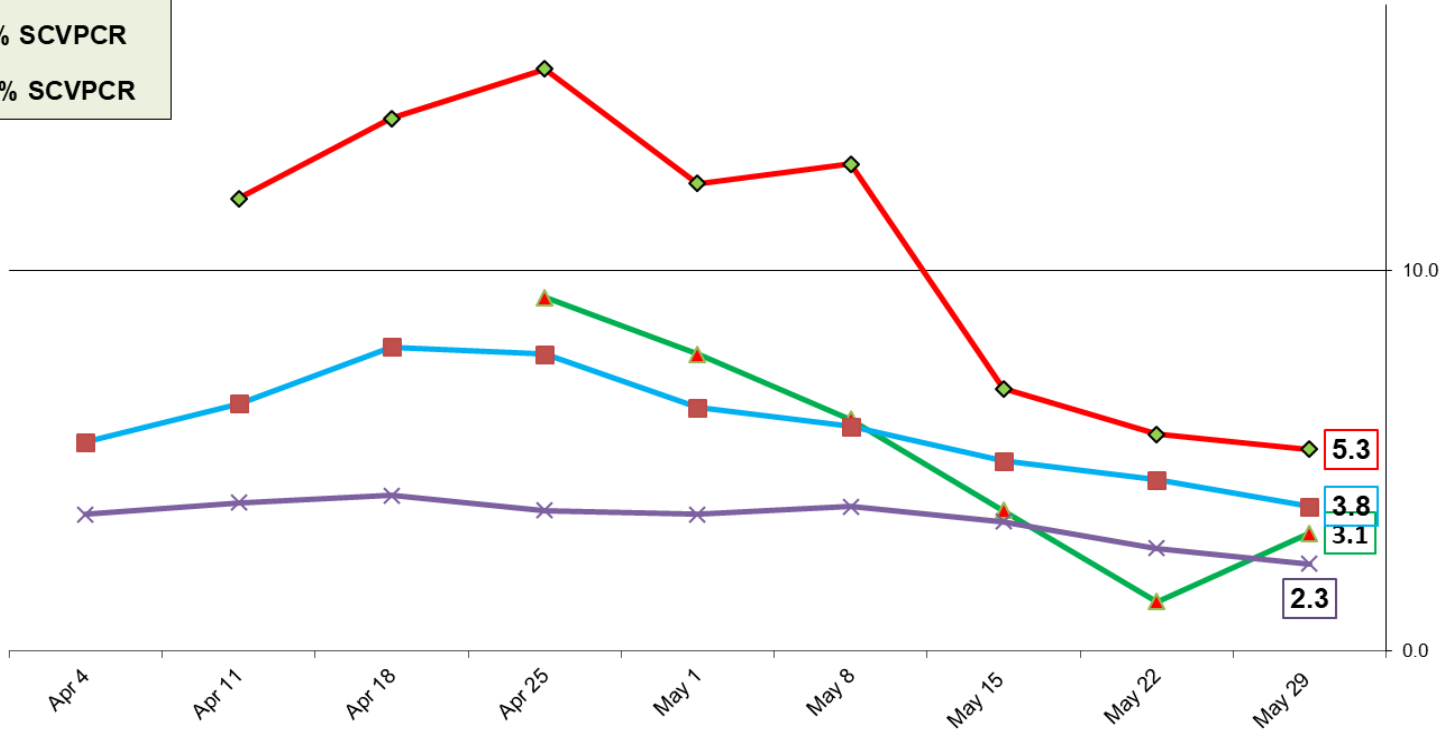
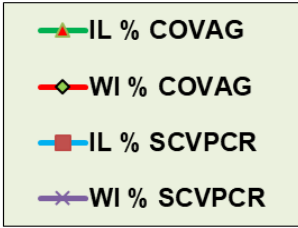
- EV / Rhino
- Para- influenza
- Corona viruses
- Adeno virus
- Meta pneumo



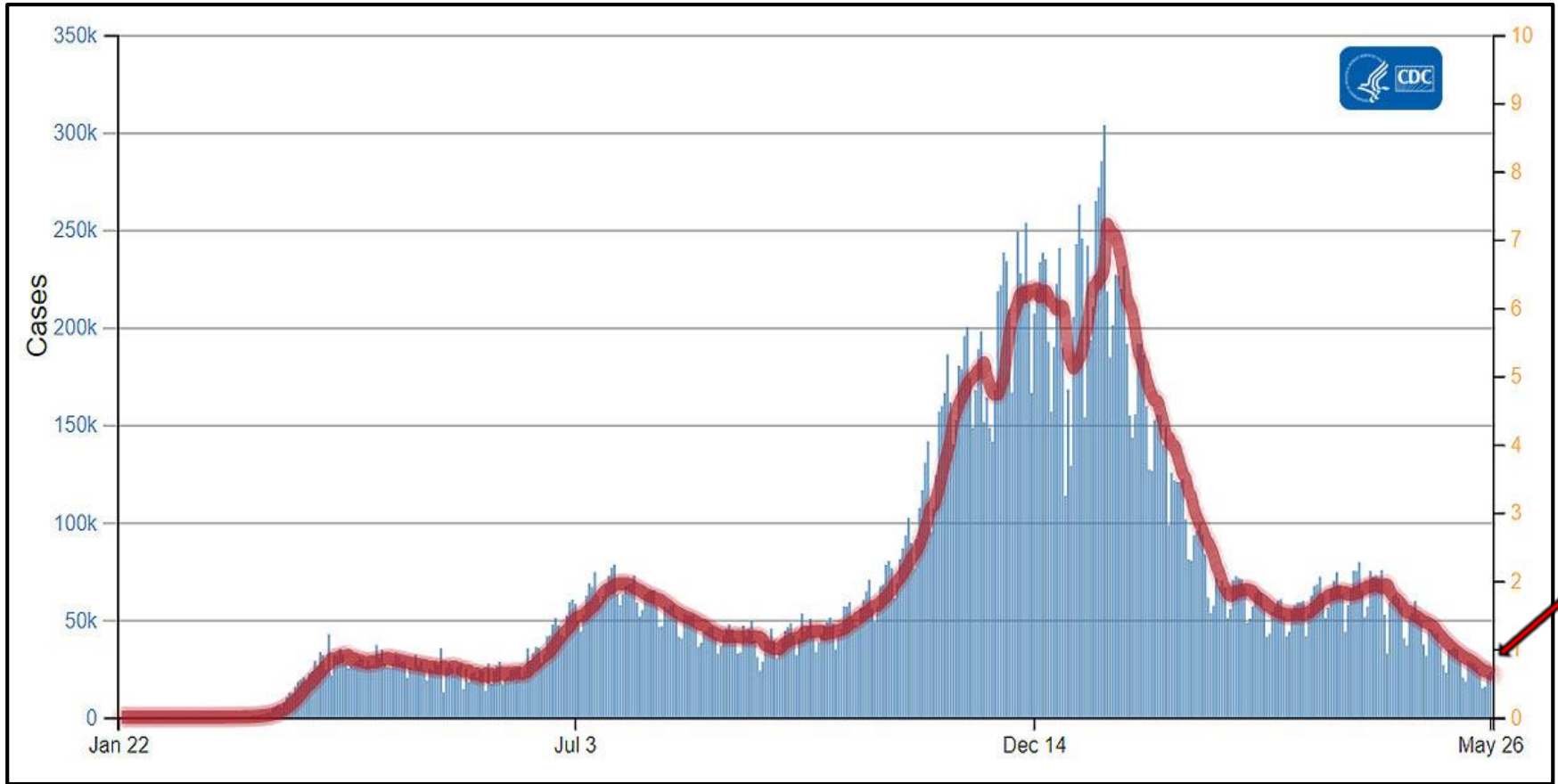
SARS-COV-2					RSV - no activity				Influenza - no activity			
Week	IL % SCVPCR	WI % SCVPCR	IL % COVAG	WI % COVAG	IL % RSVPCR	WI % RSVPCR	IL % RSVAG	WI % RSVAG	IL % FLUPCR	WI % FLUPCR	IL % FLUAG	WI % FLUAG
May 29	3.8	2.3	3.1	5.3	0	0	0	0	0	0	0	0
May 22	4.5	2.7	1.3	5.7	0	0	0	0	0	0	0	0
May 15	5.0	3.4	3.7	6.9	0	0	0	0	0	0	0	0
May 8	5.9	3.8	6.1	12.8	0	0	0	0	0	0	0	0
May 1	6.4	3.6	7.8	12.3	0	0	0	0	0	0	0	0
Apr 25	7.8	3.7	9.3	15.3	0	0	0	0	0	0	0	0
Apr 18	8.0	4.1	10.6	14.0	0	0	0	0	0	0	0	3
Apr 11	6.5	3.9	12.3	11.9	0	0	0	0	0	0	0	3
Apr 4	5.5	3.6	10.4	10.2	0	0	0	0	0	0	0	3
Mar 28	5.0	3.1	10.5	10.1	0	0	0	0	0	0	0	0
Mar 21	3.9	2.1	6.8	8.7	0	0	0	0	0	0	0	2
Mar 12	2.9	2.0	8.3	5.8	0	0	0	0	0	0	0	0
Mar 7	3.2	2.4	8.0	5.5	0	0	1	0	0	0	0	2

COVAG Antigen rapid test – is performed at Urgent Care sites

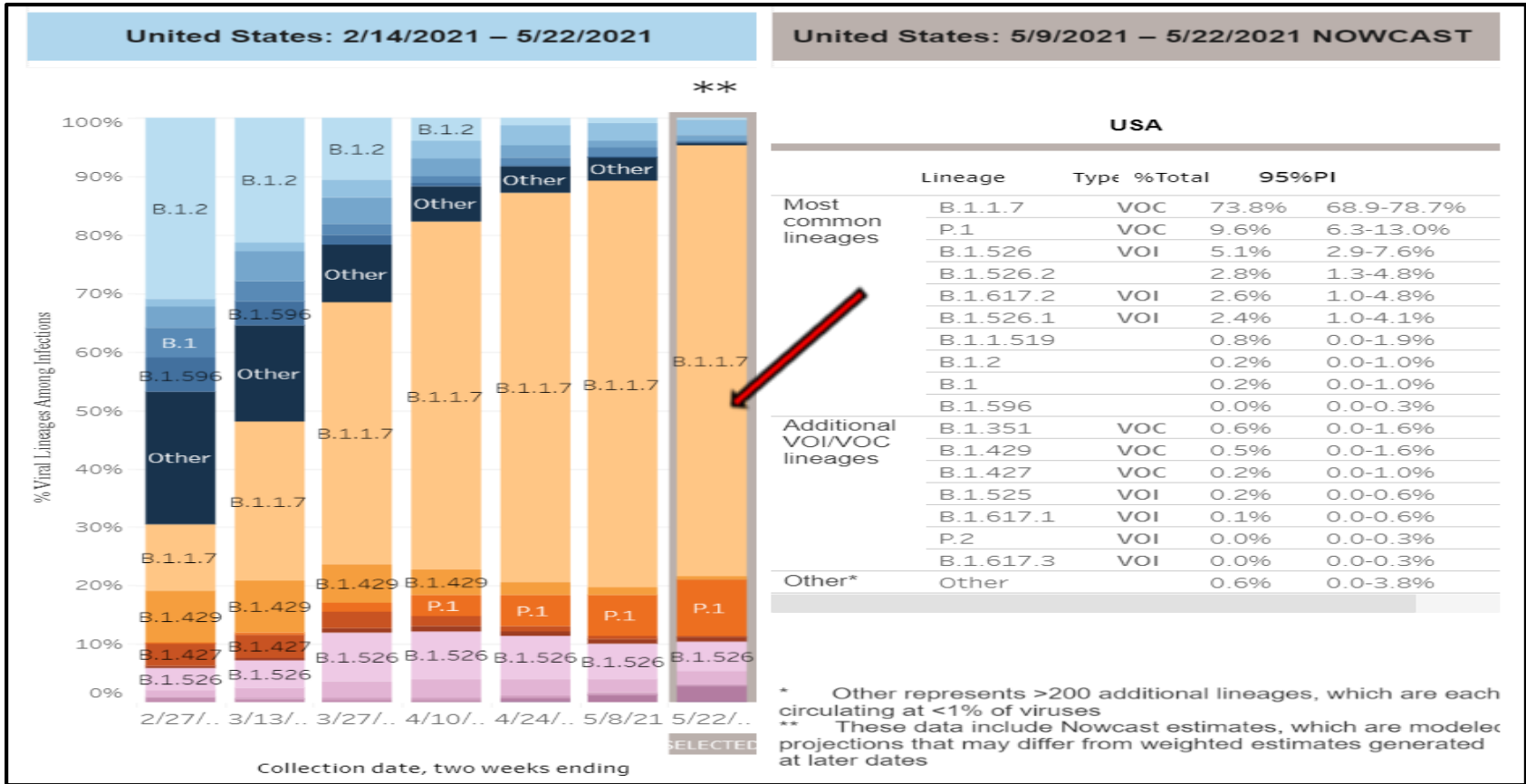
ACL COVAG and SCVPCR - Pos rate (%) - May 29, 2021



May 26, 2021 - daily COVID-19 cases in US - CDC



May 22, 2021 – SARS-CoV-2 variants circulating in the US (~74% is UK variant)



Vaccination status CDC | Data as of: May 27, 2021

290,724,607
Vaccines
Administered

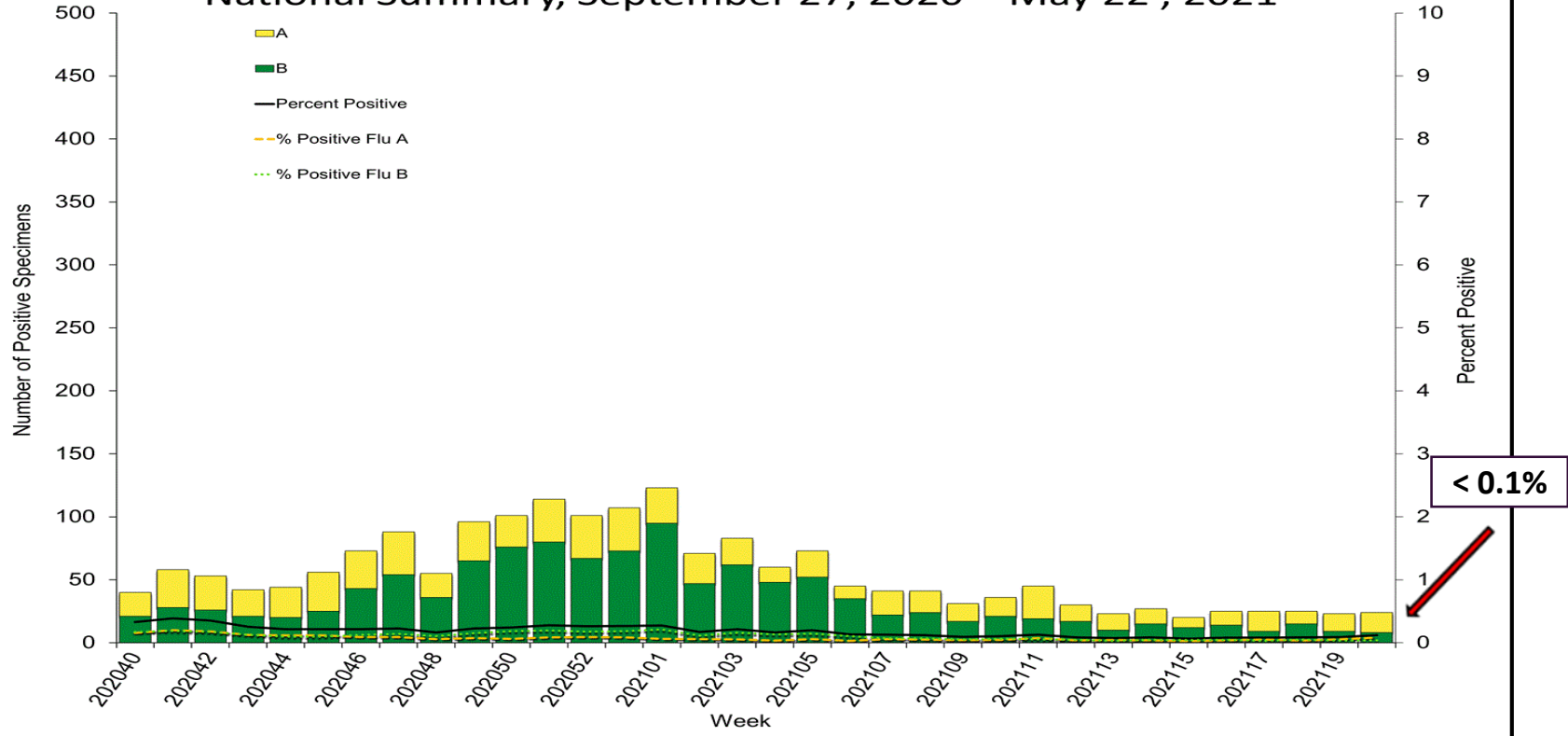
165,718,717
People who
received at least
one dose

49.9%
Percentage of the
US population that
has received at
least one dose

132,769,894
People who are
fully vaccinated*

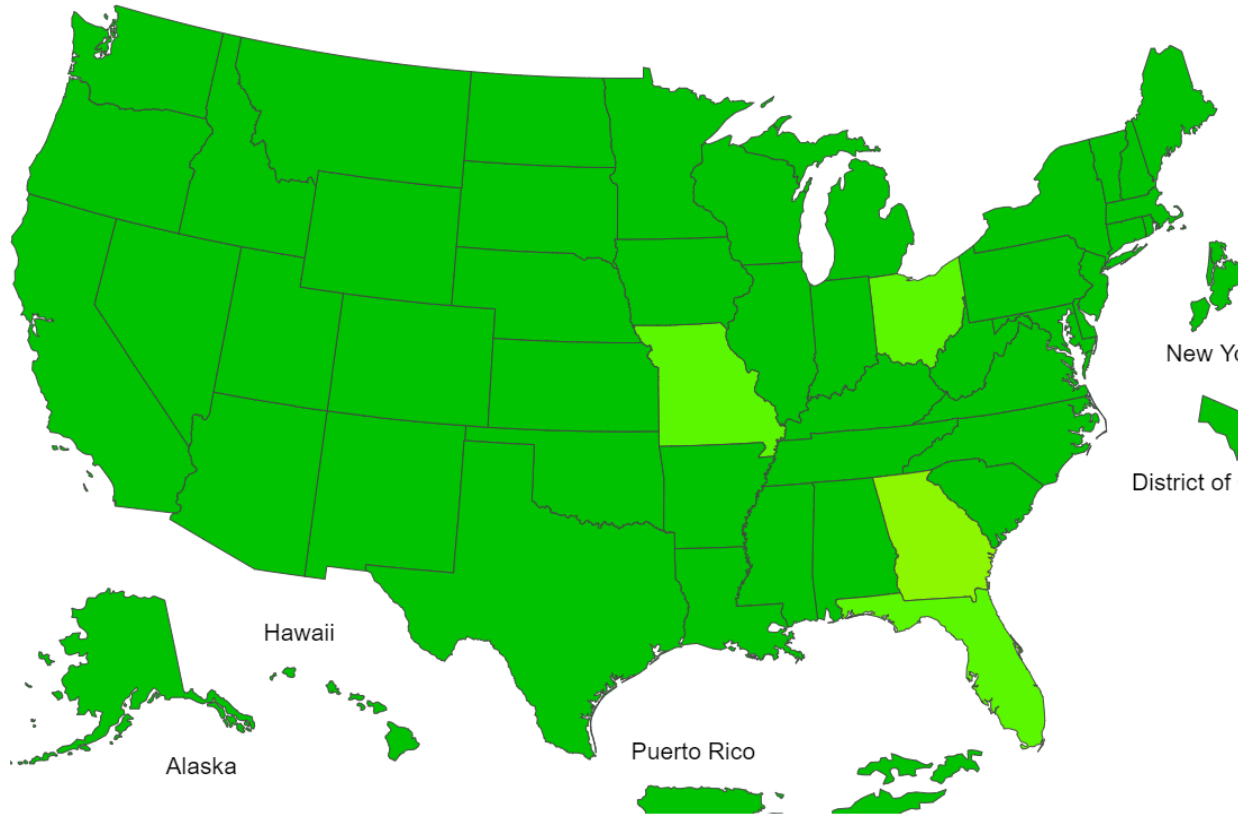
40%
Percentage of the
US population that
has been fully
vaccinated*

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, September 27, 2020 – May 22, 2021



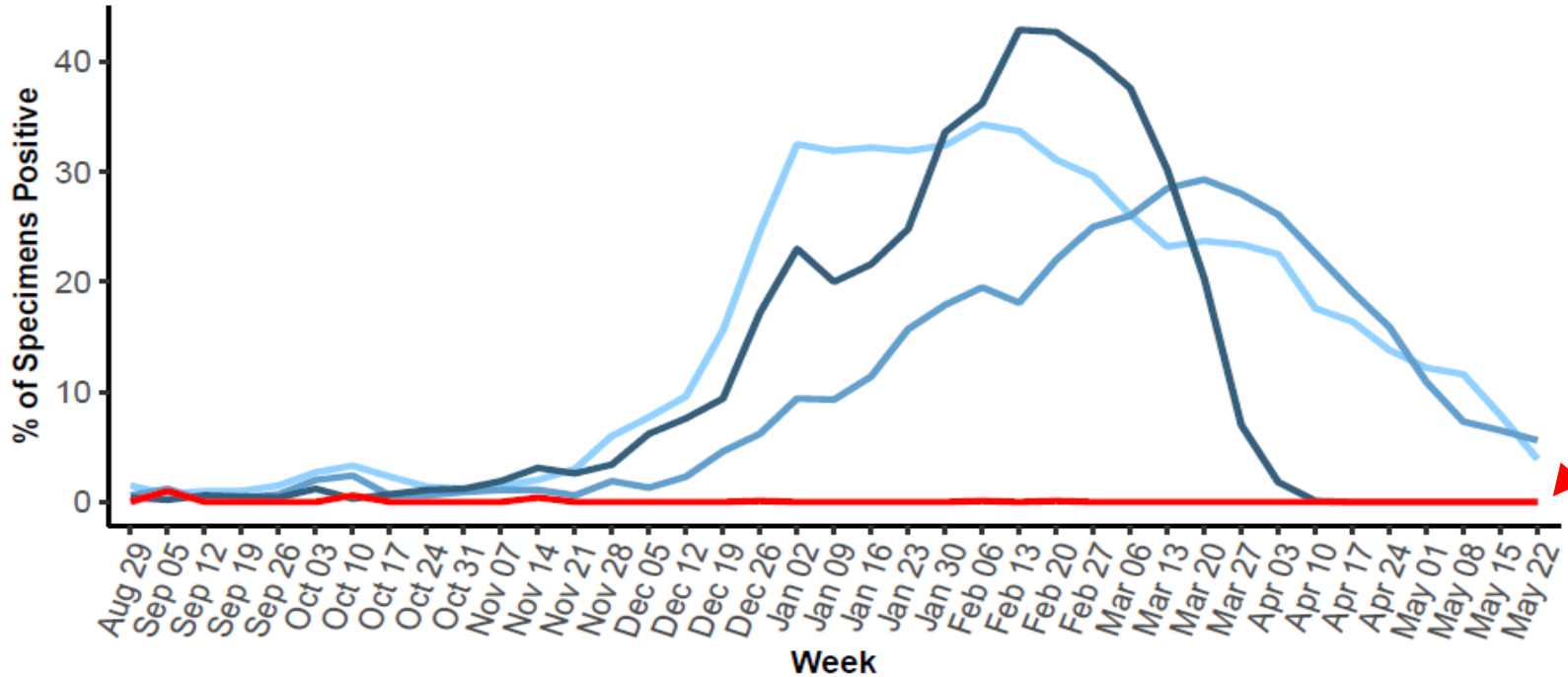
2020-21 Influenza Season Week 20 ending May 22, 2021

ILI Activity Level

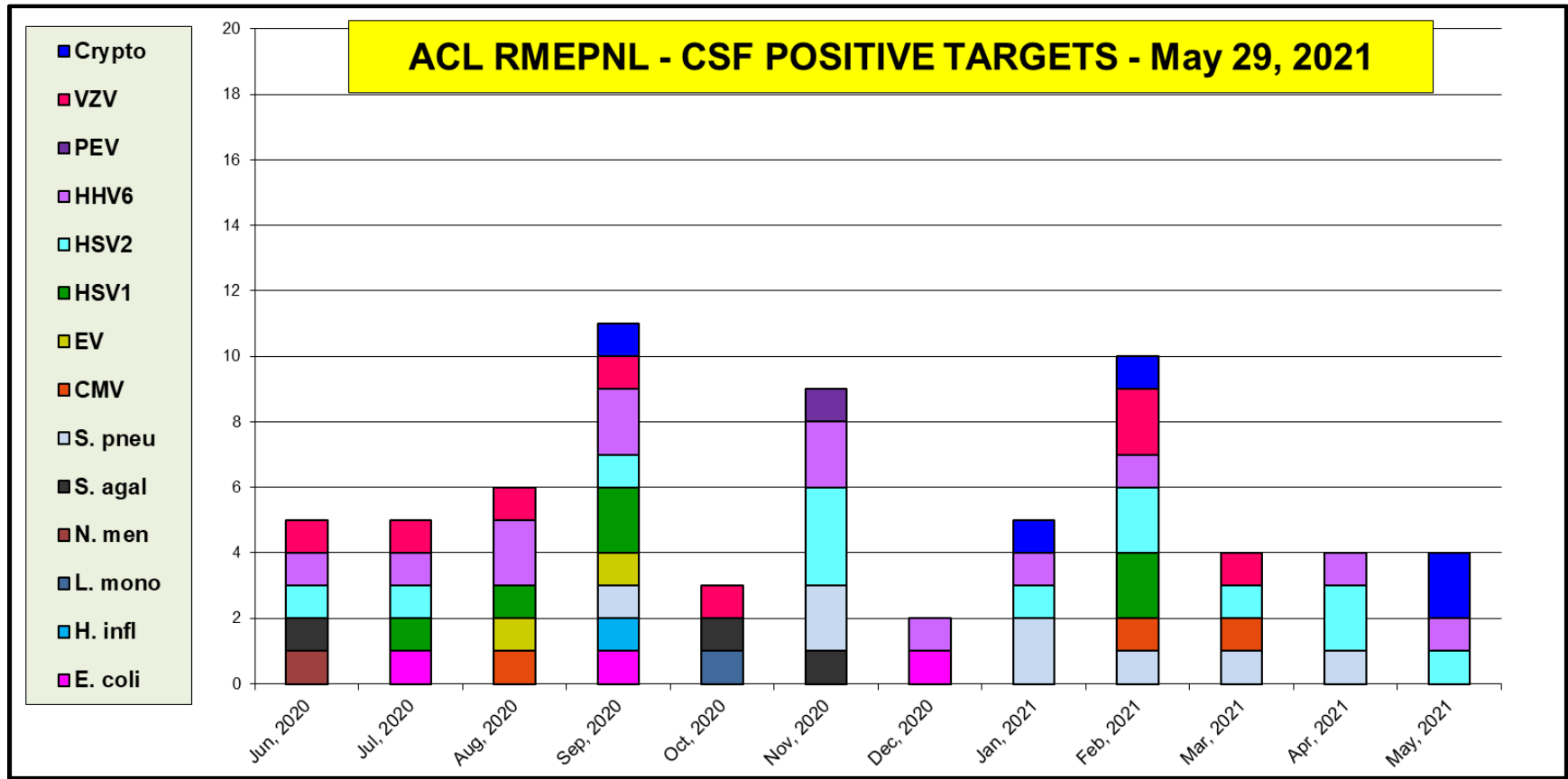


Percent of Respiratory Specimens Positive for Flu

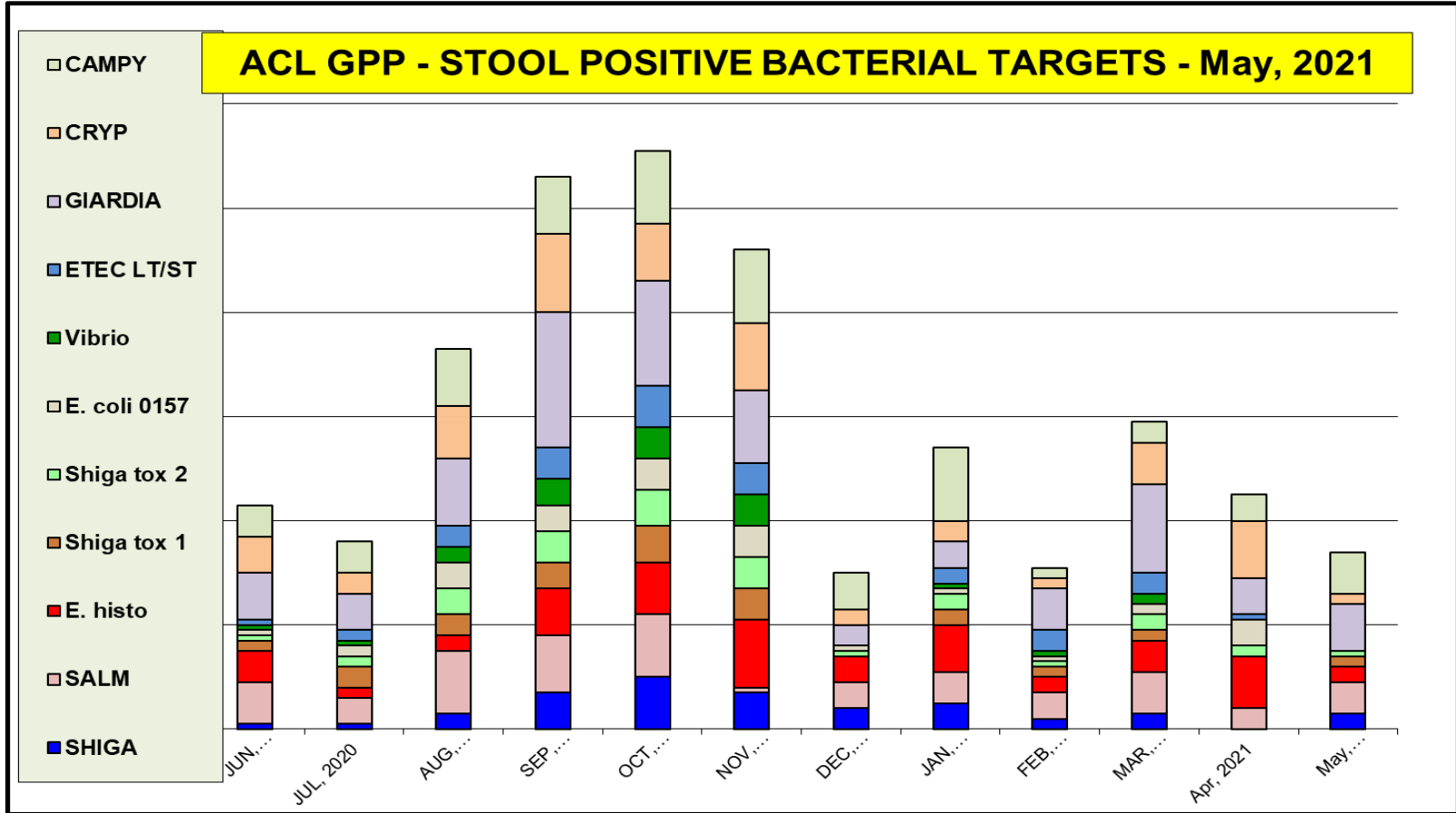
2017-18 2018-19 2019-20 2020-21



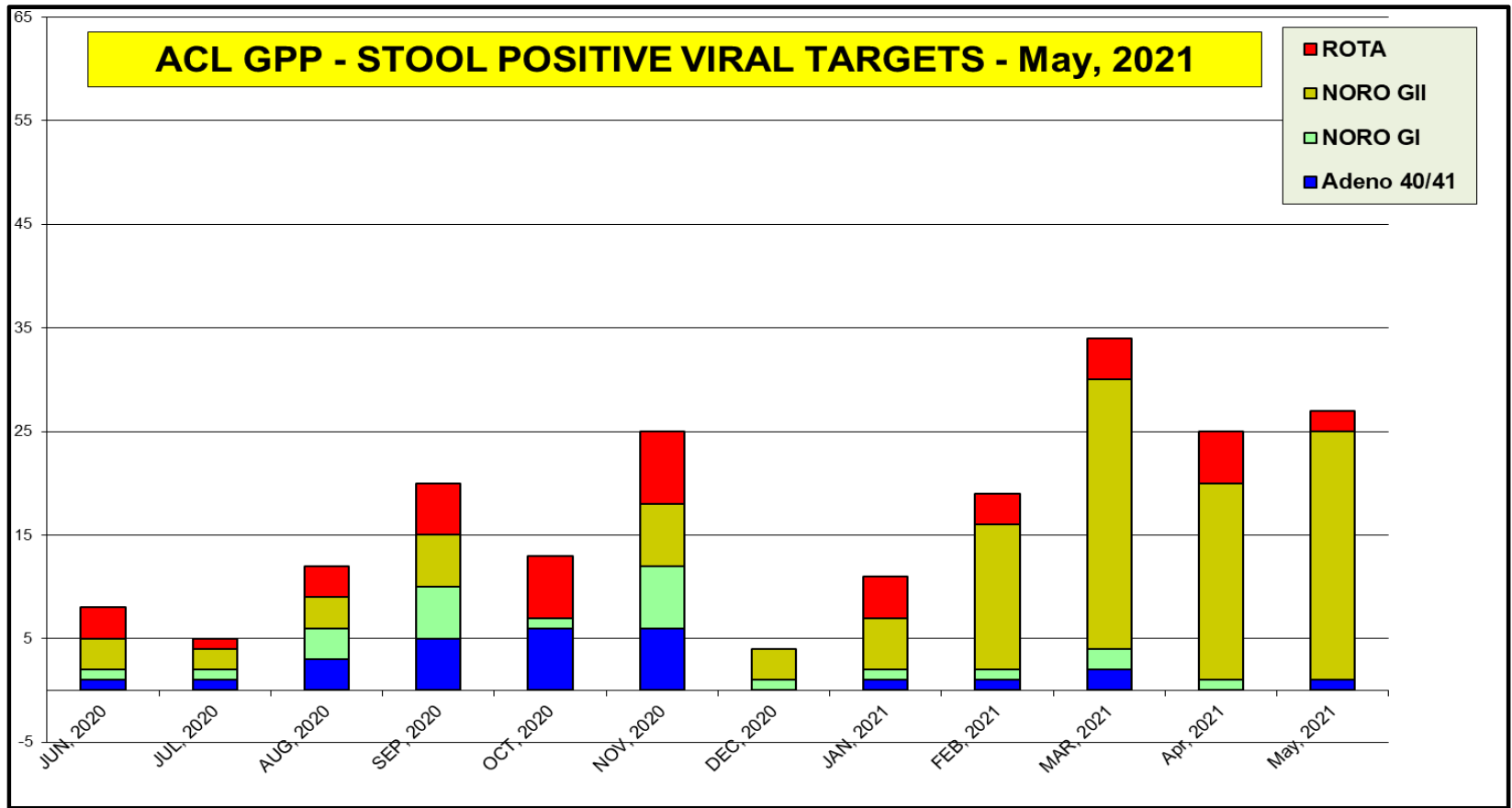
CSF targets positivity rate is 5.3%



The most prevalent GI bacterial targets (Giardia)



The most prevalent GI viral targets – Norovirus II – 1.4%



Women's Health - May 29, 2021 positivity rate (%)				
Bacterial Vag.	Candida spp.	Candida glab.	Trich. vag	M. genitalium
28	20	2	3	10

