

# ACL Laboratories COVID-19 and Influenza Activity Report

Updated: March 28, 2021



## Respiratory Pathogens - Mar 28, 2021

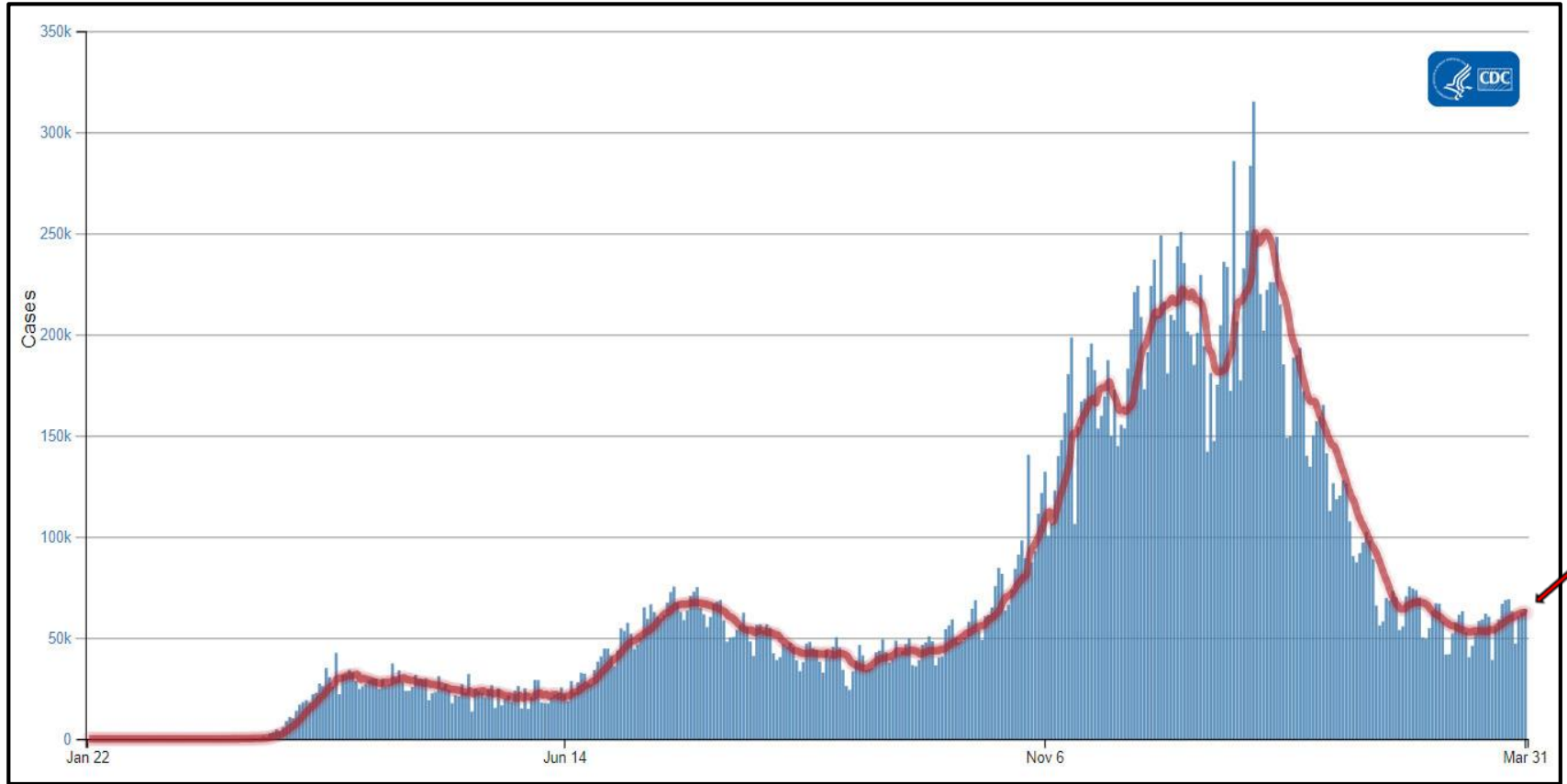
Week	InfA-H1	InfA-H3	2009 H1N1	Inf B	RSV	Para-influenza	EV/Rhino	Meta pneumo	Adeno virus	Corona viruses	Bocca	Myco. pneumo	Chlam. pneumo.	Leg. pneumo.	BP / BPP	Total Pos	POS FLU	Total	ACL RPPNL	CDC US %FLU	CDC IL/WI %FLU	ACL FLUPCR
Mar 28	0	0	0	0	0	0	21	1	2	6	0	0	0	0	0	30	0	197	0.0	n/a	n/a	0.0
Mar 21	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
Feb 28	0	0	0	0	1	0	3	0	1	1	0	0	0	0	0	6	0	148	0.0	0.1	0.2	0.0
Feb 21	0	0	0	0	0	0	9	0	0	1	0	0	0	0	0	10	0	135	0.0	0.2	0.1	0.0
Feb 14	0	0	0	0	0	0	12	0	0	1	0	0	0	0	0	13	0	140	0.0	0.1	0.1	0.0
Feb 7	0	0	0	0	0	0	10	1	0	1	1	0	0	0	0	12	0	143	0.0	0.1	0.1	0.0
Jan 30	0	0	0	0	0	0	14	0	0	0	1	0	0	0	0	15	0	136	0.0	0.2	0.1	0.0
Jan 23	0	0	0	0	0	0	7	0	1	0	0	0	0	0	0	8	0	124	0.0	0.3	0.1	0.0
Jan 15	0	0	0	0	0	0	17	0	2	0	0	0	0	0	0	19	0	126	0.0	0.1	0.1	0.0
Jan 8	0	0	0	0	0	0	6	0	1	0	1	0	0	0	0	18	0	113	0.0	0.4	0.1	0.0

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
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
Feb 28	3.1	2.3	6.3	4.8	0	0	1	0	0	0	0	1.5
Feb 21	4.3	2.6	9.6	7.7	0	0	0	0	0	0	0	1.5
Feb 14	4.7	2.7	7.6	11.3	0	0	0	0	0	0	n/a	2
Feb 06	5.4	3.8	10.1	11.9	0	0	0	0	0	0	n/a	1
JAN 30	6.5	4.8	18.4	16.6	0	0	0	0	0	0	n/a	0
JAN 23	7.6	5.7	19.7	16.4	0	0	0	0	0	0	n/a	1
JAN 15	8.2	7.6	23.4	22.4	0	0	0	0	0	0	n/a	5
JAN 08	9.9	8.0	28.3	21.3	0	0	0	0	0	0	n/a	0

**COVAG Antigen** rapid test – is performed at **Urgent Care** sites.

**SCVPCR - Rapid PCR** - test is performed using Cepheid PCR at **AAH Hospital** sites.

# Apr 1, 2021 - daily COVID-19 cases in US - CDC

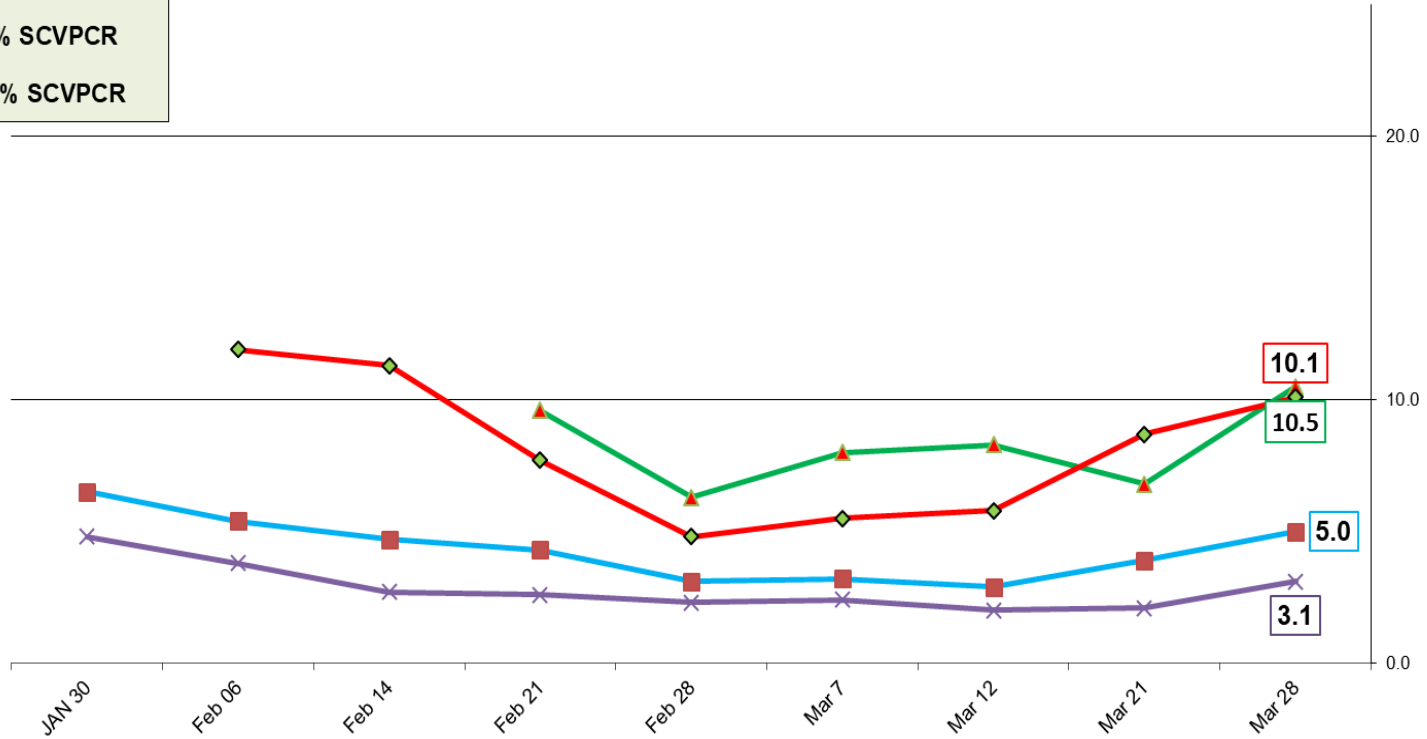


## CDC | Data as of: Apr 2, 2021 12:27 pm ET

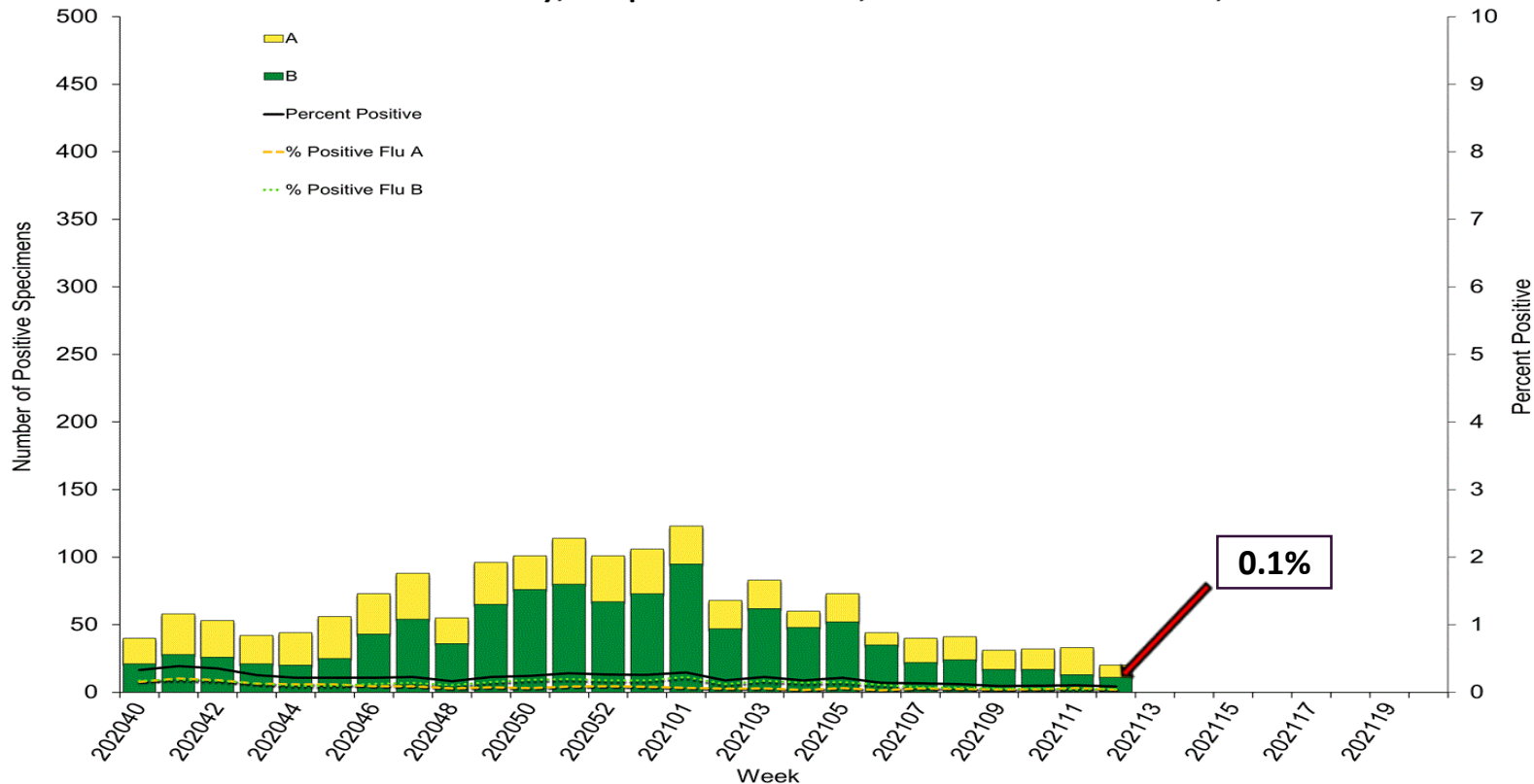
		People Vaccinated	At Least One Dose	Fully Vaccinated
<b>Total Vaccine Doses</b>				
	Total		101,804,762	57,984,785
Delivered	204,719,335	% of Total Population	30.7%	17.5%
Administered	157,606,463	Population ≥ 18 Years of Age	101,288,138	57,878,778
Learn more about the distribution of vaccines.		% of Population ≥ 18 Years of Age	39.2%	22.4%
		Population ≥ 65 Years of Age	40,699,456	29,252,830
		% of Population ≥ 65 Years of Age	74.4%	53.5%

## ACL COVAG and SCVPCR - Pos rate (%) - Mar 28, 2021

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

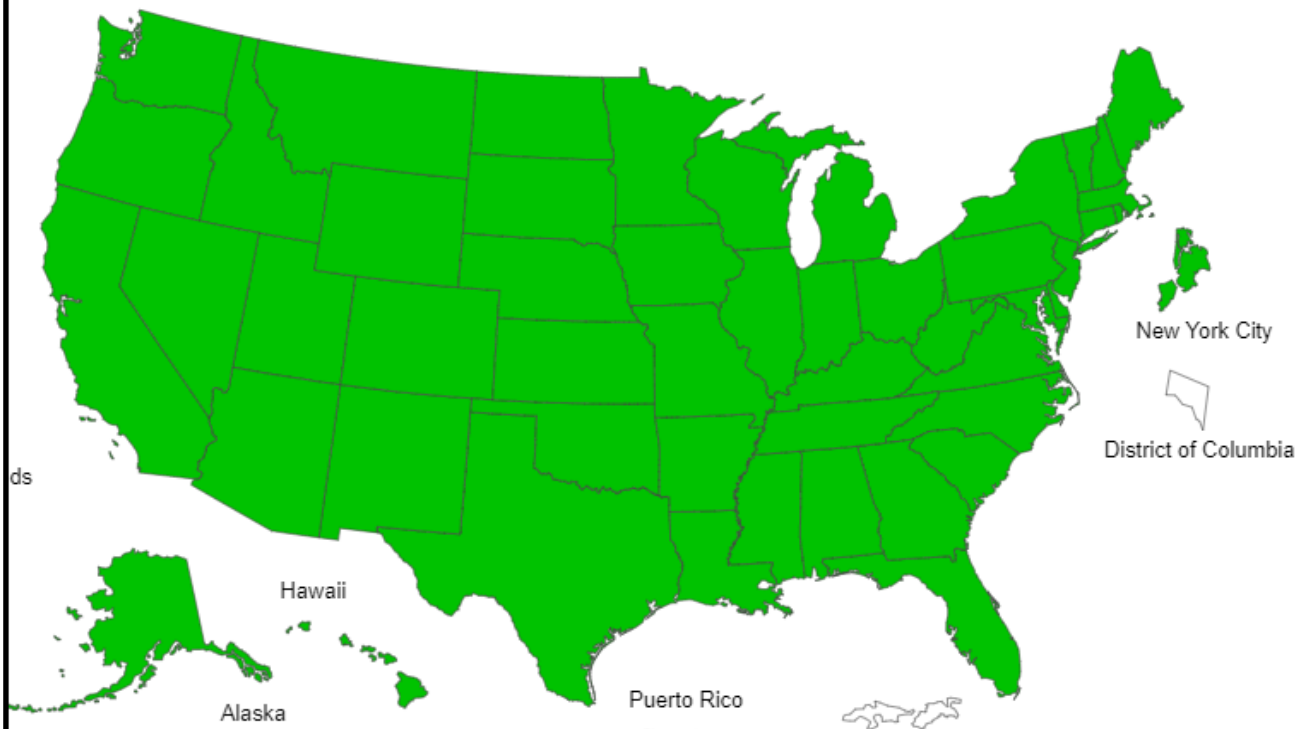


# Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, September 27, 2020 – March 27, 2021



2020-21 Influenza Season Week 12 ending Mar 27, 2021

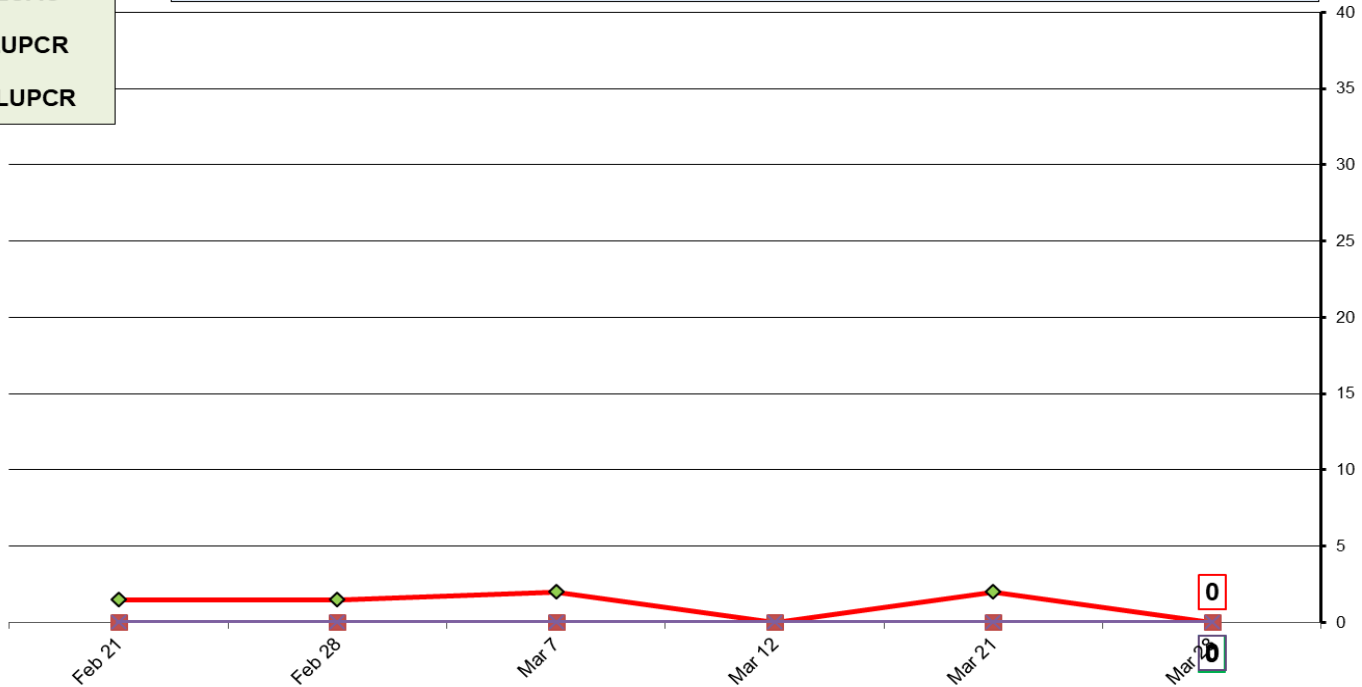
ILI Activity Level





## ACL FLUAG and FLUPCR - Pos rate (%) - Mar 28, 2021

- IL % FLUAG
- WI % FLUAG
- IL % FLUPCR
- WI % FLUPCR

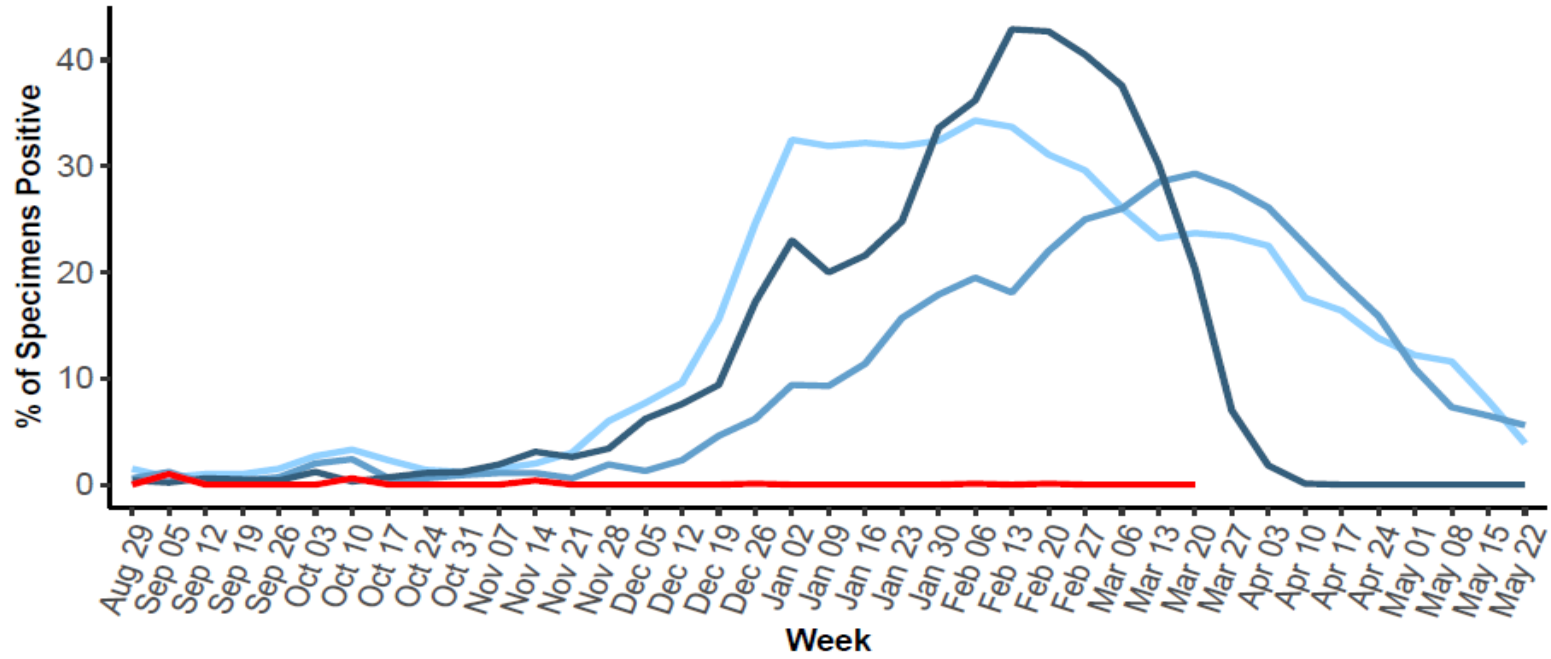


**FLUAG Antigen rapid test – at Urgent Care WI.**

**FLUPCR - Rapid PCR - test is performed using Cepheid PCR at AAH Hospital sites.**

## Percent of Respiratory Specimens Positive for Flu

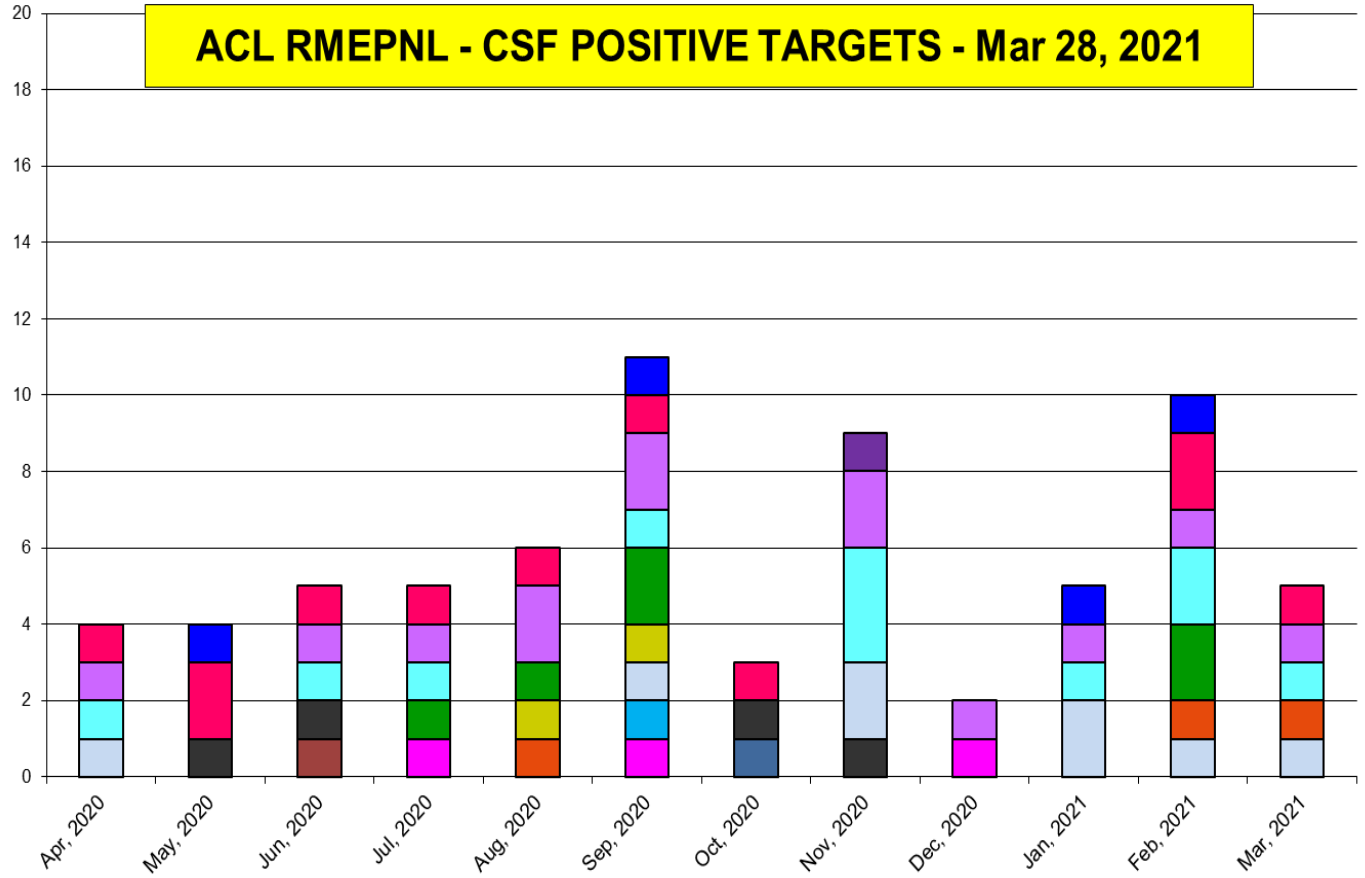
2017-18 2018-19 2019-20 2020-21



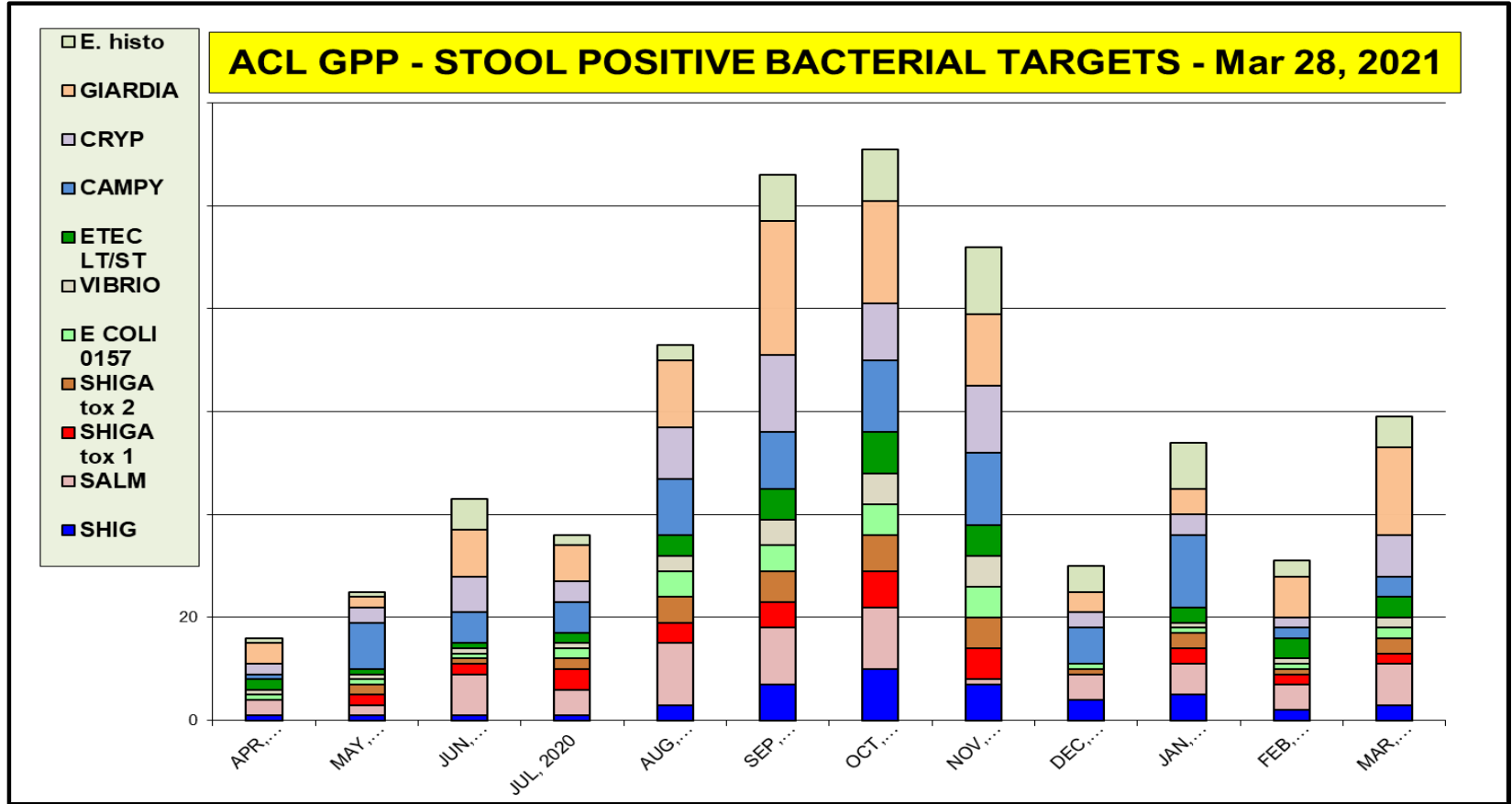
# CSF targets positivity rate is 4.2%

ACL RMEPNL - CSF POSITIVE TARGETS - Mar 28, 2021

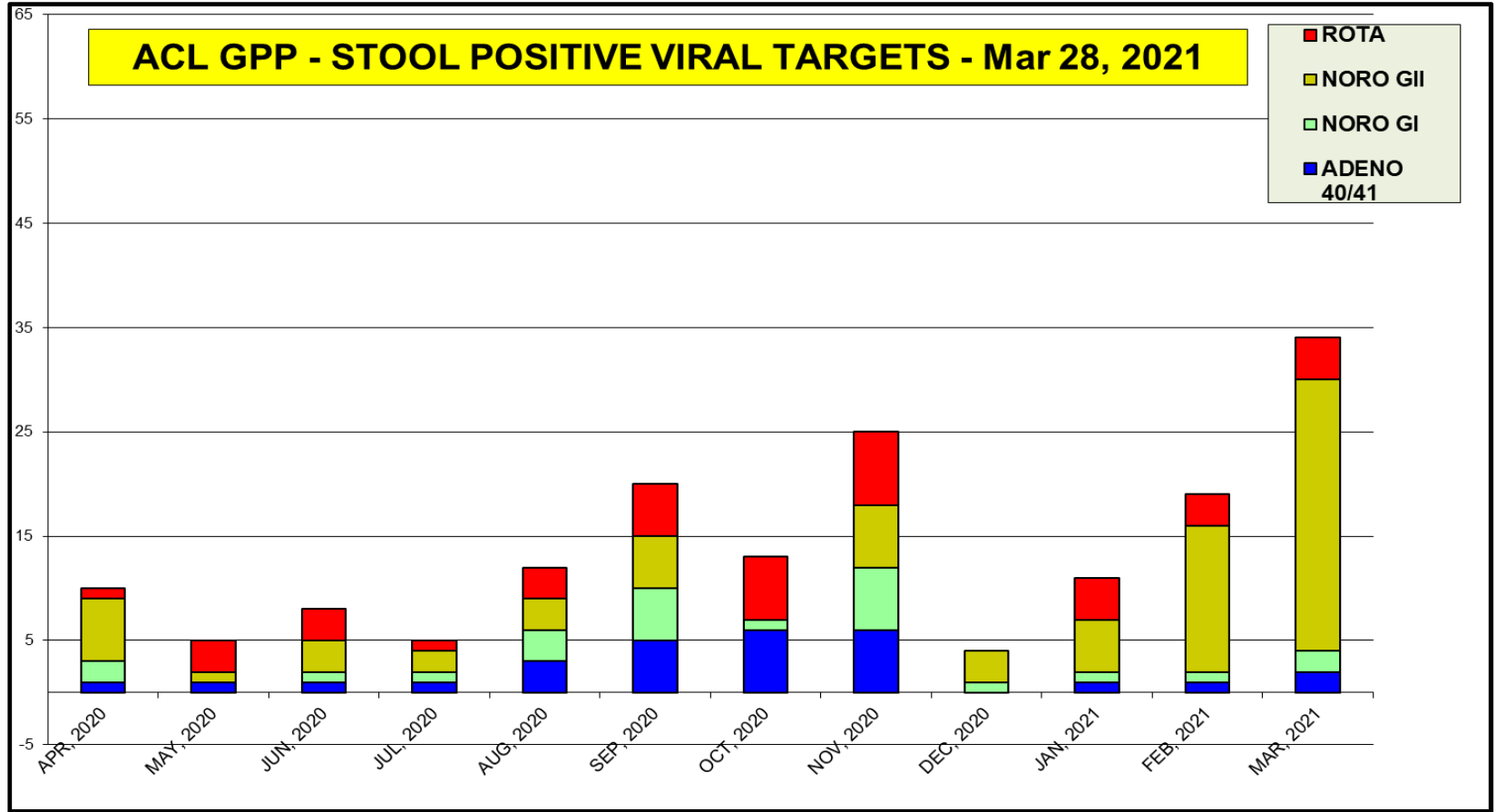
- Crypto
- VZV
- PEV
- HHV6
- HSV2
- HSV1
- EV
- CMV
- S. pneu
- S. agal
- N. men
- L. mono
- H. infl
- E. coli



# The most prevalent GI bacterial targets (Giardia)



# The most prevalent GI viral targets – Norovirus 6%



## Women's Health - Mar 28, 2021 positivity rate (%)

Bacterial Vag.	Candida spp.	Candida glab.	Trich. vag	M. genitalium
<b>23</b>	<b>17</b>	<b>2</b>	<b>2</b>	<b>8</b>

### Women Health SwabOne - Prevalence rate (%)

