

The 2021 Ecuador COVID-19 Mobile Phone Survey, conducted by the Ministry of Health, was a nationally representative mobile phone survey of men and women aged 18 years and older designed to produce data on COVID-19 related knowledge, attitudes, and practices, as well as symptomology, the availability of testing, barriers to testing, COVID-19 vaccine attitudes and receptivity, and non-communicable disease risk factor behavior during the pandemic.

Data collection was completed in 7 days: September 24 - October 1st, 2021. The survey employed a two-phase sample design to produce key indicators for the country stratified by Sex. In phase one a sample of mobile phone numbers from an explicit frame of possible active mobile phone numbers, was generated via random digit dialing. In phase two, phase one respondents were stratified to the general population distribution. A total of 11,268 mobile phone numbers were dialed, of which 1,815 mobile phone users were screened, and yielded 1,172 interviews. The overall response rate was 13.5%.

Sample Demographics		Total				Male				Female			
		n	%			n	%			n	%		
Age													
18-29		560	47.8%			255	21.8%			305	26.0%		
30-44		418	35.7%			203	17.3%			215	18.3%		
45+		194	16.6%			109	9.3%			85	7.3%		
Total		1172				567				605			
Region													
Costa		506	42.8%			246	20.0%			260	22.8%		
Sierra		410	57.2%			203	28.0%			207	29.2%		
Oriente or Amazonia		57	57.2%			29	28.0%			28	29.2%		
Galapagos		3	57.2%			1	28.0%			2	29.2%		
Total		976				479				497			
international_n	Traveled internationally in the last two weeks	1086	4.3	2.9	5.7	526	4.9	3.0	6.8	560	3.7	1.7	5.7
contact_n	Cared for or had close contact with someone who was suspected of or was a confirmed of having COVID-19	1079	8.8	6.7	11.0	523	7.4	5.0	9.8	556	10.2	6.7	13.6
Symptoms													
ill_n	Feeling ill	1076	11.9	9.5	14.4	521	10.5	7.4	13.5	555	13.3	9.5	17.1
fever_n	Fever	108	14.1	6.4	21.8	49	15.4	4.4	26.3	59	13.2	2.5	23.9
cough_n	Dry cough	106	16.3	8.2	24.4	49	23.2	10.9	35.5	57	11.0	0.3	21.7
breath_n	Shortness of breath	106	9.8	3.7	15.9	48	12.3	2.9	21.8	58	7.9	0.0	16.0
body_aches_n	Muscle aches or body aches	106	20.9	12.0	29.8	48	23.5	9.9	37.2	58	18.9	7.3	30.5
sorethroat_n	Sore throat	105	17.2	8.6	25.7	48	16.9	6.4	27.4	57	17.4	4.6	30.2
vom_dia_n	Vomiting or diarrhea	105	4.2	0.3	8.2	48	8.1	0.0	16.4	57	1.2	0.0	3.7
taste_n	Loss of taste or smell	104	6.6	1.1	12.1	48	13.8	2.1	25.6	56	0.9	0.0	2.5
symp1_7	Mean # of symptoms among those who were feeling ill	103	0.9	0.6	1.2	48	1.1	0.5	1.7	55	0.7	0.3	1.0
Testing													
triedPOP	Tried to get a test for COVID-19 (among POP)	1069	51.7	48.2	55.2	519	58.1	53.4	62.7	550	45.5	40.4	50.7
tested_n	Tested for COVID-19	1068	44.5	41.1	48.0	519	51.3	46.6	56.0	549	38.0	33.0	43.0
diagnosed_n	COVID-19 diagnosis	484	26.9	22.3	31.5	271	28.4	22.4	34.4	213	24.9	17.7	32.1
treatment_n	Treatment for COVID-19	124	36.4	26.5	46.3	72	28.0	17.0	38.9	52	49.0	32.2	65.8
treatPOP	Treatment for COVID-19 (among POP)	708	6.5	4.3	8.7	320	6.4	3.6	9.3	388	6.5	3.2	9.8
why_no_test_n	Reason for not getting tested among those who tried to get a test:												
	Tests not available	24	30.4	18.4	42.4	13	37.9	20.0	55.8	11	24.4	8.7	40.1
	I was told I was not eligible	23	33.8	20.4	47.1	9	28.9	11.6	46.2	14	37.7	18.3	57.0
	The test was too expensive	28	35.9	23.1	48.7	12	33.3	16.4	50.1	16	37.9	19.3	56.5
get_test_n	Think they would be able to get a test among those who have NOT tried to get a COVID test	498	36.5	31.4	41.5	209	34.9	27.9	41.9	289	37.6	30.6	44.6
Known Dx Cases													
family_n	Close family member diagnosed	1094	38.2	34.8	41.6	535	38.4	33.8	42.9	559	38.0	33.0	43.1
friend_n	Friend diagnosed	1092	47.1	43.6	50.5	534	49.1	44.5	53.8	558	45.0	39.9	50.1
neighbor_n	Neighbor diagnosed	1087	39.7	36.3	43.1	531	40.9	36.3	45.5	556	38.5	33.5	43.5
Practices													
<i>Because of COVID-19, in the last two weeks:</i>													
public_places_n	Avoided public places	1107	52.7	49.3	56.2	538	53.9	49.3	58.6	569	51.6	46.5	56.7
transportation_n	Avoided public transportation	1105	57.6	54.2	61.0	533	60.4	55.9	64.9	572	54.9	49.9	59.9
social_contact_n	Avoided social contact	1097	71.0	67.9	74.1	534	70.4	66.2	74.6	563	71.6	67.0	76.2
left_homeYN	Left home in the last seven days	1079	96.0	94.6	97.5	524	98.0	96.9	99.2	555	94.1	91.4	96.8
six_feet_Always	Always stayed six feet away from others when they left home and went out in the last 7 days	1026	48.7	45.1	52.3	505	47.7	42.9	52.5	521	49.7	44.4	55.0
mask_Always	Wore face mask or face covering when leaving home	1061	82.7	80.1	85.4	516	80.6	76.8	84.5	545	84.8	81.1	88.5
proper_mask_wearing_n	Always covered mouth and nose when wearing a mask out in public	1043	96.4	95.0	97.9	505	96.6	94.8	98.5	538	96.2	94.0	98.4
Vaccine Attitudes													
vacc_attit_n	Think it is important to get the COVID-19 vaccine to prevent COVID-19	1076	91.4	89.4	93.4	523	91.9	89.3	94.5	553	90.9	87.9	93.9
vacc_rec_n	Received a vaccination for COVID-19	1076	91.1	89.4	92.7	522	93.0	90.8	95.2	554	89.2	86.7	91.7
vacc_type_n	Type of Vaccine Received:												
	Pfizer	281	32.4	28.8	35.9	146	31.4	26.7	36.0	135	33.4	28.0	38.8
	Astra Zeneca	99	12.2	9.6	14.7	63	15.0	11.3	18.7	36	9.4	5.9	12.9
	Sinovac	532	52.5	48.7	56.2	247	50.1	45.1	55.0	285	54.8	49.3	60.4
	Cansino	31	2.4	1.5	3.4	15	2.8	1.3	4.4	16	2.0	1.1	3.0
	Other	5	0.5	0.0	1.0	3	0.7	0.0	1.6	2	0.4	0.0	0.8
vacc_dose_n	Number of doses received:												
	1 dose	100	10.9	8.5	13.3	56	11.4	8.3	14.5	44	10.4	6.8	14.1
	2 doses	808	89.1	86.7	91.5	399	88.6	85.5	91.7	409	89.6	85.9	93.2
vac_recep	Among those who have not been vaccinated, would definitely or probably get a COVID-19 vaccine if it were available today	118	69.2	59.7	78.8	41	59.7	43.4	76.0	77	75.2	63.7	86.7

vacc_why_not_n	Among those who would not get a vaccine if it were available today, the main reason why they would not get the vaccine:												
	<i>Do not think it is safe</i>	10	35.3	15.5	55.2	4	22.8	2.0	43.6	6	48.3	19.2	77.3
	<i>Do not think it is effective</i>	4	11.1	0.4	21.7	2	11.4	0.0	26.7	2	10.8	0.0	25.6
	<i>Waiting to decide</i>	10	25.9	10.6	41.2	4	21.7	1.7	41.7	6	30.2	7.0	53.5
	<i>Think he/she will get COVID-19</i>	1	7.0	0.0	20.0	1	13.8	0.0	38.1	0	.	.	.
	<i>Does not believe in vaccination</i>	5	17.5	2.0	33.1	3	24.1	0.0	49.9	2	10.8	0.0	25.6
	<i>Waiting for a specific COVID-19 vaccine brand</i>	1	3.2	0.0	9.3	1	6.2	0.0	18.2	0	.	.	.
NCD Risk Factor Behaviors													
tobacco_use_n	Currently smoke tobacco	1083	9.7	7.9	11.5	519	14.8	11.6	17.9	564	4.9	3.0	6.9
tobacco_consumption_n	How COVID-19 has impacted my smoking behavior:												
	<i>Smoked more than usual</i>	23	21.7	12.9	30.5	16	19.3	10.1	28.6	7	29.2	8.2	50.1
	<i>Smoked less than usual</i>	58	50.8	40.7	60.9	41	50.8	39.1	62.5	17	50.9	31.0	70.8
	<i>No change in smoking behavior</i>	32	27.5	18.6	36.4	25	29.9	19.2	40.6	7	19.9	5.8	34.0
alcohol_n	Currently drink alcohol	1067	59.6	56.1	63.0	515	68.7	64.3	73.2	552	50.9	45.7	56.1
	How COVID-19 has impacted my alcohol habits:												
	<i>Consumed more than usual</i>	47	6.2	4.3	8.1	24	5.8	3.4	8.2	23	6.7	3.6	9.7
	<i>Consumed less than usual</i>	324	47.1	42.8	51.4	195	55.2	49.6	60.8	129	36.7	30.4	43.1
	<i>No change in alcohol habit</i>	287	46.7	42.4	51.1	144	39.0	33.5	44.5	143	56.6	50.0	63.2
fruitveg_n	How COVID-19 has impacted diet (fruit and vegetable) consumption:												
	<i>Consumed more than usual</i>	418	39.2	35.7	42.6	216	42.7	38.0	47.4	202	35.8	30.8	40.7
	<i>Consumed less than usual</i>	174	16.6	13.9	19.2	94	18.4	14.7	22.2	80	14.8	11.0	18.5
	<i>No change in alcohol habit</i>	459	44.3	40.8	47.8	200	38.9	34.2	43.5	259	49.5	44.2	54.7