

## Sri Lanka T2 COVID-19 MPS Fact Sheet 2021

The second COVID-19 Mobile Phone Survey, implemented April 19 to May 9, 2021 conducted by the Sri Lanka Ministry of Health, was implemented to help assess tobacco and alcohol use during the pandemic, willingness to receive a vaccine, practices such as social distancing and mask wearing and use of the medicine delivery system for NCD patients during the pandemic.

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 was selected. In phase two, phase one respondents were stratified to the general population distribution of adults 18 years and older. A total of 19,233 mobile phone numbers were dialed, of which 3,421 mobile phone users were screened, and yielded 1,250 interviews. The overall response rate was 10.9%.

	N	Overall		N	Men		N	Women		Item Non-response (%)*
<b>Demographic (sample)</b>										
<b>Age</b>		<b>n</b>	<b>%</b>		<b>n</b>	<b>%</b>		<b>n</b>	<b>%</b>	
18-29	1250	507	40.6%	620	240	38.7%	630	267	42.4%	NA
30-44	1250	462	37.0%	620	237	38.2%	630	225	35.7%	
45+	1250	281	22.5%	620	143	23.1%	630	138	21.9%	
<b>Total</b>		<b>1250</b>			<b>620</b>	<b>49.6%</b>		<b>630</b>	<b>50.4%</b>	
<b>Language</b>										
Sinhala	1250	1087	87.0%	620	532	85.8%	630	555	88.1%	NA
Tamil	1250	134	10.7%	620	74	11.9%	630	60	9.5%	
English	1250	29	2.3%	620	14	2.3%	630	15	2.4%	
<b>Tobacco and Alcohol Use</b>		<b>%</b>	<b>(95% CI)</b>		<b>%</b>	<b>(95% CI)</b>		<b>%</b>	<b>(95% CI)</b>	
Currently smoke	1132	10.1	(8.3 , 11.8)	562	18.0	(14.8 , 21.3)	570	2.9	(1.4 , 4.4)	9.4%
Smoking more than usual	123	10.9	(5.7 , 16.0)	110	9.5	(4.3 , 14.6)	13	20.5	(0.4 , 40.6)	6.1%
Consuming more alcohol than usual	1084	2.3	(1.4 , 3.2)	555	3.8	(2.1 , 5.4)	529	1.0	(0.2 , 1.7)	13.3%
<b>Symptoms</b>		<b>% or mean</b>	<b>(95% CI)</b>		<b>% or mean</b>	<b>(95% CI)</b>		<b>% or mean</b>	<b>(95% CI)</b>	
Feeling ill	1137	20.4	(17.7 , 23.2)	558	20.4	(16.5 , 24.2)	579	20.5	(16.5 , 24.5)	9.0%
Fever	179	6.7	(3.1 , 10.3)	88	9.8	(3.1 , 16.4)	91	4.0	(0.8 , 7.2)	2.2%
Dry cough	178	9.2	(4.9 , 13.6)	88	9.5	(3.6 , 15.4)	90	9.0	(2.6 , 15.4)	2.7%
Shortness of breath	177	6.5	(3.0 , 10.0)	88	7.1	(1.8 , 12.5)	89	6.0	(1.4 , 10.6)	3.3%
Muscle aches or body aches	177	17.7	(11.7 , 23.7)	88	20.8	(12.0 , 29.7)	89	14.9	(6.8 , 23.0)	3.3%
Sore throat	175	4.7	(1.6 , 7.7)	87	5.0	(0.7 , 9.3)	88	4.4	(0.1 , 8.7)	4.4%
Vomiting or diarrhea	173	2.2	(0.1 , 4.3)	86	2.9	(0.0 , 6.6)	87	1.5	(0.0 , 3.7)	5.5%
Loss of taste or smell	176	5.5	(1.8 , 9.1)	87	6.8	(1.4 , 12.1)	89	4.3	(0.0 , 9.3)	3.8%
Mean number of symptoms (among those who reported the above symptoms)	64	1.6	(1.4 , 1.8)	35	1.8	(1.4 , 2.1)	29	1.4	(1.2 , 1.7)	NA
Experienced fever, dry cough or shortness of breath	177	17.3	(11.5 , 23.2)	88	20.2	(11.4 , 29.1)	89	14.7	(7.0 , 22.4)	NA
<b>Testing, Diagnosis and Treatment</b>		<b>%</b>	<b>(95% CI)</b>		<b>%</b>	<b>(95% CI)</b>		<b>%</b>	<b>(95% CI)</b>	
Tried to get a test for COVID-19	959	4.9	(3.4 , 6.5)	452	6.1	(3.7 , 8.5)	507	3.9	(1.9 , 6.0)	1.5%
Tested for COVID-19	1132	14.0	(11.8 , 16.2)	554	17.8	(14.3 , 21.2)	578	10.6	(7.9 , 13.4)	3.8%
PCR Test	161	70.0	(62.2 , 77.9)	98	69.5	(59.4 , 79.7)	63	70.8	(58.5 , 83.2)	3.0%
Rapid Antigen Test	161	16.1	(9.8 , 22.3)	98	16.8	(8.6 , 25.1)	63	14.9	(5.4 , 24.5)	
Both	161	9.8	(5.0 , 14.6)	98	9.9	(3.5 , 16.3)	63	9.6	(2.6 , 16.6)	
Didn't Know	161	4.1	(0.0 , 8.2)	98	3.7	(0.0 , 8.8)	63	4.6	(0.0 , 11.6)	
COVID-19 diagnosis	160	8.6	(3.7 , 13.6)	98	9.9	(3.5 , 16.3)	62	6.6	(0.0 , 14.4)	3.6%
Treatment for COVID-19	13	60.5	(29.5 , 91.5)	10	66.6	(33.3 , 99.9)	3	45.9	(0.0 , 100.0)	0.0%
Tried to get a test among the population	1131	18.2	(15.7 , 20.7)	553	22.7	(19.0 , 26.6)	578	14.1	(10.9 , 17.3)	NA
Diagnosis among the population	1126	1.2	(0.5 , 1.9)	553	1.7	(0.6 , 2.9)	573	0.7	(0.0 , 1.5)	NA
Treatment among the population	979	0.8	(0.2 , 1.4)	465	1.4	(0.3 , 2.5)	514	0.3	(0.0 , 0.8)	NA
Reason for not getting tested: Not available	41	46.5	(29.2 , 63.7)	26	54.9	(34.0 , 75.8)	15	35.1	(7.3 , 62.9)	
Reason for not getting tested: Not eligible	41	28.4	(13.5 , 43.3)	26	21.2	(4.4 , 38.0)	15	38.3	(11.6 , 64.9)	10.9%
Reason for not getting tested: Too expensive	41	25.1	(9.8 , 40.4)	26	23.9	(6.6 , 41.2)	15	26.7	(0.0 , 53.9)	
Think they would be able to get a test among those who have not tried to get a test	627	59.6	(55.2 , 63.9)	297	57.0	(50.8 , 63.2)	330	61.7	(55.7 , 67.7)	4.2%
<b>Vaccination</b>		<b>%</b>	<b>(95% CI)</b>		<b>%</b>	<b>(95% CI)</b>		<b>%</b>	<b>(95% CI)</b>	
Definitely would get a COVID-19 vaccination if it was available today	1190	42.2	(39.1 , 45.4)	589	44.4	(40.0 , 48.8)	601	40.2	(35.7 , 44.7)	4.8%
Probably would get a COVID-19 vaccination if it was available today	1190	23.5	(20.9 , 26.2)	589	21.0	(17.5 , 24.5)	601	25.8	(21.9 , 29.8)	
Probably would not get a COVID-19 vaccination if it was available today	1190	26.0	(23.2 , 28.7)	589	26.0	(22.2 , 29.8)	601	25.9	(22.0 , 29.8)	
Definitely would not get a COVID-19 vaccination if it was available today	1190	8.3	(6.7 , 10.0)	589	8.6	(6.3 , 11.0)	601	8.0	(5.7 , 10.3)	
Where would you want to receive your vaccination:										
Government hospital	729	87.3	(84.6 , 90.1)	366	90.1	(86.7 , 93.4)	363	84.8	(80.5 , 89.1)	3.3%
Private hospital	729	12.7	(9.9 , 15.4)	366	9.9	(6.6 , 13.3)	363	15.2	(10.9 , 19.5)	

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Reason for not wanting the vaccine										
Do not think it is safe	413	30.7	(25.8 , 35.5)	208	35.7	(28.6 , 42.8)	205	25.8	(19.3 , 32.3)	5.3%
Do not think it is effective	413	9.8	(6.6 , 13.1)	208	9.7	(5.1 , 14.3)	205	10.0	(5.5 , 14.5)	
Waiting to decide	413	36.8	(31.5 , 42.0)	208	35.0	(28.0 , 42.1)	205	38.4	(30.7 , 46.1)	
Do not think you will get COVID-19	413	9.4	(5.9 , 12.8)	208	9.0	(4.3 , 13.6)	205	9.7	(4.7 , 14.7)	
Do not believe in vaccination	413	13.4	(9.9 , 16.9)	208	10.6	(6.7 , 14.6)	205	16.0	(10.4 , 21.7)	
<b>Practices</b>		<b>%</b>	<b>(95% CI)</b>		<b>%</b>	<b>(95% CI)</b>		<b>%</b>	<b>(95% CI)</b>	
Cared for a suspected or confirmed case	1216	4.9	(3.7 , 6.2)	601	5.8	(3.9 , 7.8)	615	4.1	(2.5 , 5.7)	2.7%
Avoided public places	1175	75.6	(72.9 , 78.4)	588	76.2	(72.4 , 80.0)	587	75.1	(71.1 , 79.1)	6.0%
Avoided public transportation	1173	68.9	(66.0 , 71.9)	585	68.3	(64.1 , 72.4)	588	69.6	(65.3 , 73.8)	6.2%
Avoided social contact	1167	89.7	(87.7 , 91.6)	584	89.0	(86.3 , 91.7)	583	90.2	(87.5 , 93.0)	6.6%
Left home in the last 7 days										
Did not leave home in the last 7 days	1039	10.6	(8.6 , 12.6)	510	5.2	(3.2 , 7.2)	529	15.5	(12.0 , 18.9)	16.9%
Left home 1-2 days in the last 7 days	1039	39.5	(36.1 , 42.8)	510	36.8	(32.2 , 41.4)	529	41.9	(37.1 , 46.7)	
Left home 3-4 days in the last 7 days	1039	26.0	(23.0 , 29.0)	510	27.3	(23.1 , 31.5)	529	24.8	(20.6 , 29.1)	
Left home ≥5 days in the last 7 days	1039	23.9	(21.1 , 26.7)	510	30.7	(26.3 , 35.2)	529	17.8	(14.2 , 21.4)	
Always stayed at least 1 meter away from others in public	885	44.8	(41.7 , 48.5)	463	42.2	(37.2 , 47.1)	422	47.5	(42.1 , 52.9)	4.0%
Always wore face mask in public	1071	92.4	(90.6 , 94.1)	533	91.9	(89.4 , 94.4)	538	92.8	(90.3 , 95.3)	4.0%
Always covered your nose and mouth with the face mask	1041	93.8	(92.2 , 95.4)	519	94.0	(91.9 , 96.2)	522	93.6	(91.2 , 96.0)	2.4%
<b>Medicine Delivery Service Use</b>		<b>%</b>	<b>(95% CI)</b>		<b>%</b>	<b>(95% CI)</b>		<b>%</b>	<b>(95% CI)</b>	
Needed medicine	1133	11.6	(9.5 , 13.8)	556	13.2	(10.0 , 16.4)	577	10.2	(7.3 , 13.2)	9.4%
Among those who needed medicine, needed medicine for:										
Chronic diseases	107	47.3	(36.6 , 57.9)	58	45.6	(31.5 , 59.7)	49	49.1	(33.1 , 65.0)	10.8%
Acute diseases	107	14.0	(7.4 , 20.5)	58	16.8	(6.4 , 27.3)	49	10.8	(3.7 , 18.0)	
Others	107	38.8	(28.7 , 48.8)	58	37.6	(24.5 , 50.6)	49	40.1	(24.7 , 55.5)	
Knew of the service	1107	70.6	(67.7 , 73.6)	540	69.0	(64.8 , 73.2)	567	72.1	(67.9 , 76.2)	11.4%
Used the medicine delivery service via a government hospital	722	12.0	(9.4 , 14.6)	340	12.5	(8.6 , 16.4)	382	11.7	(8.2 , 15.1)	5.5%
Used the medicine delivery service via a private pharmacy	722	26.8	(23.0 , 30.5)	340	24.0	(19.0 , 29.1)	382	29.0	(23.6 , 34.3)	
Used the medicine delivery system service via both a government hospital and a private pharmacy	722	10.1	(7.6 , 12.5)	340	9.4	(6.0 , 12.9)	382	10.6	(7.1 , 14.0)	
Received medicine from mail	302	15.9	(11.6 , 20.3)	136	16.9	(10.1 , 23.7)	166	15.2	(9.7 , 20.8)	9.0%
Received medicine from health staff	302	12.1	(8.2 , 16.1)	136	14.4	(8.4 , 20.4)	166	10.5	(5.2 , 15.8)	
Received medicine in another way	302	71.9	(66.5 , 77.4)	136	68.7	(60.4 , 77.0)	166	74.3	(67.1 , 81.5)	

\*Item nonresponse is calculated as:  $1 - \frac{I_x}{(I - V_x)}$ , where  $I_x$  equals the number of valid responses for question  $x$ ,  $I$  equals the total number of respondents in the survey, and  $V_x$  equals the respondents with a valid skip for question  $x$  (i.e. an answer to a previous question prevented them from being asked question  $x$ ).