

The 2022 Mumbai Non-Communicable Disease Mobile phone survey, conducted by the Municipal Corporation of Greater Mumbai, was a nationally representative mobile phone survey of men and women aged 18 years and older designed to produce comparable data on Non-Communicable diseases and their related risk factors.

The survey employed a two-phase sample design to produce key indicators for the country stratified by male/female and age. In phase one a sample of mobile phone numbers from an implicit frame of all possible 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 401,278 mobile phone numbers were dialed, of which 32,024 mobile phone users were screened, and yielded 3,418 completed interviews. The overall response rate was 3.12%.

	Overall			Men			Women			Item Non-responses*
<b>Demographic (sample)</b>	<b>3,418</b>			<b>2,097</b>			<b>1,321</b>			
Age	n	%		n	%		n	%		
18-29	1236	36.2		734	21.5		502	14.7		NA
30-44	1205	35.3		710	20.8		495	14.5		NA
45+	977	28.6		653	19.1		324	9.5		NA
<b>Tobacco Use</b>	n	%	(95% CI)	n	%	(95% CI)	n	%	(95% CI)	
<i>Tobacco Smokers</i>										
Current tobacco smokers	3047	24.4	23.0 25.8	1870	36.9	34.7 39.1	1177	9.6	7.9 11.4	10.9%
Daily tobacco smokers	3047	10.9	9.8 12.0	1870	16.9	15.2 18.6	1177	3.8	2.6 4.9	
<i>Smokeless Tobacco Users</i>										
Current smokeless tobacco users	2969	19.7	18.3 21.0	1840	30.2	28.2 32.3	1129	6.8	5.3 8.3	13.1%
Daily smokeless tobacco users	2969	10.4	9.4 11.5	1840	16.3	14.6 18.0	1129	3.3	2.2 4.4	
<i>Tobacco Users (any use)</i>										
Current tobacco users	3066	28.8	27.3 30.3	1880	43.6	41.4 45.8	1186	11.2	9.4 13.1	NA
<b>Alcohol Use</b>										
Current alcohol users (past 30 days)	2169	31.0	29.2 32.8	1331	48.0	45.3 50.7	838	11.1	9.0 13.2	36.5%
Heavy episodic drinkers (percentage of drinkers had 6+ drinks)	2083	26.7	25.0 28.5	1256	42.5	39.8 45.3	827	9.1	7.1 11.1	10.3%
<b>Raised Blood Pressure/Hypertension</b>										
Diagnosed by doctor or health care professional with raised blood pressure/ hypertension	3091	14.4	13.2 15.7	1899	14.3	12.7 15.8	1192	14.6	12.5 16.8	9.6%
Currently taking medication for raised blood pressure/ hypertension	413	60.3	55.6 65.1	259	59.7	53.8 65.6	154	61.1	53.4 68.7	2.6%
<b>Raised Blood Glucose/Diabetes</b>										
Diagnosed by doctor or health care professional with raised blood glucose/diabetes	3071	10.1	9.0 11.2	1886	10.2	8.9 11.5	1185	9.9	8.1 11.7	10.2%
Currently taking medication for raised blood glucose/ diabetes	279	72.3	66.8 77.7	185	74.3	68.1 80.6	94	69.7	60.4 79.1	2.8%
<b>Diet</b>										
<i>Salt Consumption</i>										
Always or often add salt or salty sauce to food before eating or as they're eating	3088	24.5	22.9 26.0	1880	27.4	25.3 29.4	1208	21.1	18.8 23.5	9.7%
Always or often add salt or salty seasoning when cooking or preparing foods	2949	27.3	25.6 28.9	1778	31.2	29.1 33.4	1171	22.7	20.3 25.2	11.1%
Always or often eat processed foods high in salt	2916	15.1	13.8 16.4	1774	18.4	16.6 20.2	1142	11.3	9.4 13.1	14.7%
<i>Fruit Consumption</i>										
Average number of days per week fruits are consumed	2977	3.2	3.1 3.3	1835	3.1	3.0 3.1	1142	3.3	3.2 3.5	12.9%
Average number of servings of fruit consumed per day	2669	1.4	1.3 1.4	1640	1.4	1.3 1.5	1029	1.3	1.2 1.4	8.2%
<i>Vegetable Consumption</i>										
Average number of days per week vegetables are consumed	2806	4.3	4.3 4.4	1713	4.2	4.1 4.3	1093	4.5	4.4 4.6	17.9%
Average number of servings of vegetables consumed per day	2471	2.3	2.2 2.4	1477	2.3	2.2 2.4	994	2.3	2.2 2.5	8.4%
<i>Fruit and Vegetable Consumption</i>										
Consume less than five servings of fruits OR vegetables per day	2802	79.1	77.6 80.7	1708	79.6	77.7 81.5	1094	78.6	76.1 81.1	NA
Consume no fruits and vegetables	3030	0.4	0.2 0.6	1864	0.5	0.2 0.8	1166	0.3	0.0 0.6	NA

\*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  $x$ ).