

The 2019 Morocco Non-Communicable Disease Mobile phone survey, conducted by the Ministère de la Santé, was a nationally representative mobile phone survey of 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 frame of all possible mobile phone numbers was generated via random digit dialing. In phase two, phase one respondents were stratified to the gender and age groups. A total of 413,019 mobile phone numbers were dialed, of which 9,030 mobile phone users were screened, and yielded 3,515 completed interviews. The overall response rate was 85%.

	Overall		Men		Women	
Demographic (sample)						
<i>Age</i>	<i>n</i>	<i>%</i>	<i>n</i>	<i>%</i>	<i>n</i>	<i>%</i>
18-29	1472	41.9%	750	40.1%	722	43.3%
30-44	1137	32.3%	557	29.8%	580	35.0%
45+	906	25.8%	561	30.0%	345	20.7%
Tobacco Use						
	% or mean	(95% CI)	% or mean	(95% CI)	% or mean	(95% CI)
<i>Tobacco Smokers</i>						
Current tobacco smokers	21.1	(19.3 , 23.0)	34.2	(31.2 , 37.3)	8.9	(7.1 , 10.7)
Daily tobacco smokers	14.9	(13.4 , 16.6)	24.4	(21.8 , 27.2)	6.0	(4.5 , 7.5)
<i>Smokeless Tobacco Users</i>						
Current smokeless tobacco users	12.6	(11.0 , 14.3)	19.2	(16.7 , 22.0)	6.0	(4.3 , 7.7)
Daily smokeless tobacco users	8.9	(7.6 , 10.5)	14.0	(11.9 , 16.3)	4.0	(2.5 , 5.5)
<i>Tobacco Users (any use)</i>						
Current tobacco users	24.0	(22.1 , 26.0)	37.9	(34.8 , 41.2)	10.9	(8.8 , 13.0)
Alcohol Use						
Current alcohol users (past 30 days)	8.7	(7.4 , 10.3)	13.2	(11.1 , 15.7)	4.3	(2.9 , 5.7)
Heavy episodic drinkers (percentage of drinkers had 6+ drinks)	6.3	(5.1 , 7.7)	9.4	(7.6 , 11.7)	3.3	(2.0 , 4.6)
Raised Blood Pressure/Hypertension						
Diagnosed by doctor or health care professional with raised blood pressure/	25.8	(22.9 , 28.9)	18.9	(15.9 , 22.4)	32.2	(27.5 , 36.9)
Currently taking medication for raised blood pressure/ hypertension	35.3	(28.9 , 42.2)	35.9	(27.4 , 45.5)	34.9	(26.5 , 43.3)
Raised Blood Glucose/Diabetes						

Diagnosed by doctor or health care professional with raised blood glucose/diabetes	8.2	(6.4 , 10.5)	6.2	(4.3 , 8.7)	10.2	(7.3
Currently taking medication for raised blood glucose/ diabetes	55.0	(41.7 , 67.6)	47.9	(30.1 , 66.3)	58.9	(40.8
Diet						
<i>Salt Consumption</i>						
Always or often add salt or salty sauce to food before eating or as they're eating	42.5	(39.3 , 45.8)	46.8	(42.5 , 51.1)	38.5	(33.9
Always or often add salt or salty seasoning when cooking or preparing foods	49.7	(46.3 , 53.1)	48.6	(44.3 , 52.9)	50.7	(45.5
Always or often eat processed foods high in salt	36.7	(33.5 , 39.9)	40.1	(35.9 , 44.5)	33.4	(29.1
<i>Fruit Consumption</i>						
Average number of days per week fruits are consumed	4.2	(4.1 , 4.4)	4.1	(4.0 , 4.3)	4.4	(4.2
Average number of servings of fruit consumed per day	1.7	(1.6 , 1.8)	1.7	(1.6 , 1.8)	1.6	(1.5
<i>Vegetable Consumption</i>						
Average number of days per week vegetables are consumed	5.3	(5.2 , 5.4)	5.2	(5.0 , 5.3)	5.4	(5.3
Average number of servings of vegetables consumed per day	2.4	(2.2 , 2.5)	2.4	(2.2 , 2.6)	2.3	(2.1
<i>Fruit and Vegetable Consumption</i>						
Consume less than five servings of fruits OR vegetables per day	75.0	(72.3 , 77.5)	72.1	(68.3 , 75.5)	77.9	(74.0
Consume no fruits and vegetables	0.3	(0.1 , 0.6)	0.3	(0.1 , 1.1)	0.3	(0.1

*Item nonresponse is calculated as: $1 - I_x / (I - V_x)$, 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 prevented them from being asked question x .

le phone survey of men and women aged 18

e of mobile phone numbers from an implicit
 neral population distribution. A total of
 all response rate was 8.3%.

	Item Non-response*
%	
3.8%	NA
5.2%	NA
0.9%	NA
% CI)	
, 11.0) , 8.0)	0.6%
, 8.4) , 6.2)	10.3%
, 13.4)	NA
, 6.4)	13.7%
, 5.4)	14.7%
, 37.2)	33.7%
, 44.4)	1.8%

, 14.1)	33.7%
, 74.9)	4.3%
, 43.3)	30.4%
, 55.9)	31.1%
, 38.1)	32.4%
, 4.6)	16.6%
, 1.8)	5.8%
, 5.6)	23.6%
, 2.5)	4.6%
, 81.3)	NA
, 0.7)	NA

valid skip for question x (i.e. an answer to a previous question)