

**Supplementary Table 1.** Sample Description of the Study Population

<b>Background Variables</b>	<i>N</i>	%	<b>Background Variables</b>	<i>N</i>	%
<b>Age</b>			<b>Knowledge of Adverse Health Impact of Smokeless Tobacco Use</b>		
15-18	4641	10.5	No	1051	1.4
19-23	7161	13.8	Partial	14459	20.5
24-30	13867	18.2	Full	58527	78.1
31-40	18839	21.0	<b>Caste</b>		
41-50	13245	15.3	Others	21734	26.8
51-60	8531	10.8	SCs	12854	19.1
60+	7753	10.4	STs	12128	8.9
<b>Sex</b>			OBCs	27321	45.3
Female	40265	48.9	<b>Religion</b>		
Male	33772	51.1	Hindu	54015	80.3
<b>Marital Status</b>			Muslim	8785	14.2
Married	56984	70.1	Christian	7111	2.3
Unmarried	11951	23.0	others	4126	3.1
Widowed/Separated/Divorced	5102	6.9	<b>Wealth Quintile</b>		
<b>Education</b>			Poorest	15547	23.4
No formal Education	18473	26.4	Poorer	18685	26.3
<Primary completed	7510	9.2	Middle	11278	16.8
Primary completed	8858	11.3	Richer	14814	19.6
<Secondary completed	12109	16.9	Richest	13713	13.8
Secondary completed	10331	14.1	<b>Place of Residence</b>		
Higher Secondary completed	7959	11.2	Urban	26488	34.5
College/University completed	6096	7.8	Rural	47549	65.5
Post-graduate completed	2642	3.1	<b>Region</b>		
<b>Occupation</b>			North	17128	8.7
Student	6134	11.9	Central	11518	29.1
Government Employee	3355	2.7	East	9834	21.7
Non-government Employee	6259	8.3	Northeast	13574	3.7
Daily Wage/Casual Labourer	13749	21.2	West	7901	15.0
Self-employed	13955	19.4	South	14082	21.8
Homemaker	25833	30.1			
Retired	1679	2.1			
Unemployed able to work	1572	1.9			
Unemployed unable to work	1471	2.3			
Don't know or refused	30	0.0			

All *N* are unweighted

**Supplementary Table 2.** Prevalence (in %) of Areca Nut Use in Different Forms across States & Union Territories of India, GATS 2016-17

States/UTs	<i>Pan Masala without Tobacco</i>	<i>Pan Masala with Tobacco</i>	<i>Betel Quid without Tobacco</i>	<i>Betel Quid with Tobacco</i>	<i>Gutka, Areca Nut-Tobacco Lime Mixture, or Mawa</i>	<i>Areca Nut of Any Type</i>
<b>North</b>						
Jammu & Kashmir	0.2	0.2	0.3	0.8	0.4	0.2
Himachal Pradesh	0.7	0.1	0.4	0.0	0.5	0.6
Punjab	0.5	0.2	0.3	0.4	2.3	0.4
Chandigarh	0.5	0.4	0.6	0.9	1.0	1.2
Uttarakhand	3.1	3.1	8.6	2.7	2.2	10.8
Haryana	1.3	0.4	0.5	1.1	2.5	1.4
Delhi	4.9	1.3	8.3	2.6	3.0	7.6
<b>Central</b>						
Rajasthan	3.5	4.6	1.4	4.0	9.0	6.1
Uttar Pradesh	7.0	7.2	12.8	10.2	11.5	7.6
Chhattisgarh	6.1	1.8	2.1	2.0	7.8	3.4
Madhya Pradesh	3.8	4.4	2.4	4.1	13.7	6.7
<b>East</b>						
West Bengal	4.8	2.2	5.7	6.4	2.9	11.6
Jharkhand	7.4	1.1	1.2	4.9	8.3	2.0
Odisha	11.1	8.6	4.9	8.6	9.4	5.5
Bihar	5.2	1.4	1.5	3.4	3.7	2.3
<b>North-East</b>						
Sikkim	4.7	0.5	5.4	2.6	1.2	7.0
Arunachal Pradesh	11.5	4.7	13.6	14.9	18.9	5.1
Nagaland	8.7	21.1	8.8	17.5	9.4	2.2
Manipur	7.9	4.2	23.1	38.6	2.7	1.1
Mizoram	4.0	0.8	55.1	4.3	4.0	5.9
Tripura	6.4	10.4	8.3	39.5	2.5	22.6
Meghalaya	10.7	2.5	64.9	12.0	2.4	3.8
Assam	10.9	2.9	46.6	19.0	8.2	11.9
<b>West</b>						
Gujarat	3.5	1.4	4.9	1.1	12.8	4.7
Maharashtra	6.6	1.7	6.7	3.7	8.6	17.0
Goa	7.2	1.3	9.6	2.7	2.6	11.0
<b>South</b>						
Andhra Pradesh	0.3	0.2	4.9	2.4	1.9	5.6
Telangana	2.9	1.1	3.1	3.9	2.9	8.0
Karnataka	4.7	0.7	27.8	9.4	5.9	8.3

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Kerala	1.2	0.4	2.1	4.4	0.7	0.9
Tamil Nadu	0.2	0.1	18.6	6.0	0.7	19.1
Puducherry	0.8	0.1	7.7	3.4	0.7	15.1
<b>India</b>	<b>4.8</b>	<b>2.8</b>	<b>8.7</b>	<b>5.8</b>	<b>6.8</b>	<b>8.0</b>

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**Supplementary Table 3.** Prevalence (in %) of Areca Nut Use in Different Forms by Urban and Rural area Across States & Union Territories of India, GATS 2016-17

States/UTs	Urban				Rural			
	Areca nut use only without tobacco	Areca nut use only with tobacco	Dual use	Any form	Areca nut use only without tobacco	Areca nut use only with tobacco	Dual use	Any form
<b>North</b>								
Jammu & Kashmir	1.2	0.7	0.0	1.8	0.1	0.9	0.0	1.1
Himachal Pradesh	3.3	1.6	0.0	4.9	1.0	0.2	0.0	1.2
Punjab	1.3	3.7	0.3	5.3	0.8	0.8	0.1	1.7
Chandigarh	1.7	1.6	0.1	3.5	1.9	0.0	0.0	1.9
Uttarakhand	19.8	4.2	1.4	25.4	16.3	3.6	1.2	21.0
Haryana	3.0	4.7	0.4	8.2	2.3	0.8	0.1	3.3
Delhi	15.9	2.0	1.0	18.9	3.4	2.1	0.0	5.5
<b>Central</b>								
Rajasthan	9.1	8.8	1.2	19.0	7.0	5.6	1.4	14.0
Uttar Pradesh	26.0	9.2	3.2	38.4	15.7	13.5	3.5	32.7
Chhattisgarh	10.6	12.4	1.5	24.5	7.6	5.6	1.0	14.2
Madhya Pradesh	11.9	12.3	2.7	26.9	7.1	13.9	1.8	22.9
<b>East</b>								
West Bengal	8.2	2.4	2.8	13.4	16.3	5.1	4.3	25.7
Jharkhand	7.8	7.7	0.8	16.3	8.4	8.4	1.2	18.0
Odisha	13.5	13.3	1.6	28.4	10.8	11.1	5.5	27.4
Bihar	4.3	5.7	0.4	10.4	7.4	4.9	0.5	12.8
<b>North-East</b>								
Sikkim	13.3	1.3	0.3	15.0	10.7	1.6	0.9	13.2
Arunachal Pradesh	18.1	13.3	4.4	35.8	17.1	20.3	3.4	40.9
Nagaland	10.6	15.2	7.0	32.7	9.2	15.1	5.2	29.4
Manipur	27.0	18.7	4.2	49.9	21.7	22.4	7.1	51.2
Mizoram	51.5	0.3	6.0	57.8	54.7	1.3	2.3	58.4
Tripura	12.5	19.9	10.4	42.8	15.0	15.8	15.6	46.5
Meghalaya	52.6	1.9	4.4	58.9	66.3	1.5	6.4	74.2
Assam	37.5	11.1	8.5	57.1	47.2	11.5	11.0	69.7
<b>West</b>								
Gujarat	10.4	10.0	1.3	21.7	6.5	12.0	1.0	19.5
Maharashtra	22.0	7.6	3.2	32.8	17.5	6.3	2.6	26.4
Goa	16.2	1.3	0.6	18.1	19.3	1.3	2.2	22.7
<b>South</b>								
Andhra Pradesh	8.3	0.8	0.6	9.8	5.9	1.5	1.4	8.9
Telangana	10.7	2.8	2.5	16.0	7.3	2.8	1.6	11.8
Karnataka	26.6	6.3	2.9	35.8	30.3	8.7	5.3	44.2
Kerala	2.4	1.8	0.5	4.7	3.7	3.5	0.4	7.6
Tamil Nadu	26.1	1.1	0.6	27.7	24.9	6.6	1.7	33.2
Puducherry	13.5	0.8	0.7	15.0	27.3	4.5	3.2	34.9

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<b>India</b>	<b>15.7</b>	<b>6.1</b>	<b>2.0</b>	<b>23.8</b>	<b>13.5</b>	<b>7.9</b>	<b>2.7</b>	<b>24.1</b>
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**Supplementary Table 4.** Prevalence (in %) of Areca Nut Use in Different Forms by sex Across States & Union Territories of India, GATS 2016-17

States/UTs	Female				Male			
	Areca nut use only without tobacco	Areca nut use only with tobacco	Dual use	Any form	Areca nut use only without tobacco	Areca nut use only with tobacco	Dual use	Any form
<b>North</b>								
Jammu & Kashmir	0.3	0.2	0.1	0.6	0.6	1.5	0.0	2.1
Himachal Pradesh	0.1	0.0	0.0	0.1	2.3	0.6	0.1	3.0
Punjab	1.1	0.1	0.1	1.2	0.9	3.7	0.2	4.8
Chandigarh	2.0	0.4	0.0	2.4	1.6	2.6	0.1	4.3
Uttarakhand	16.3	1.1	0.0	17.4	18.7	6.4	2.5	27.6
Haryana	2.3	0.6	0.1	3.0	2.9	3.9	0.4	7.2
Delhi	11.9	1.0	0.3	13.2	18.9	2.8	1.6	23.3
<b>Central</b>								
Rajasthan	4.9	2.4	0.1	7.4	10.1	10.4	2.5	23.0
Uttar Pradesh	14.3	4.8	1.5	20.6	21.9	19.5	5.3	46.7
Chhattisgarh	4.2	1.8	0.2	6.2	12.5	13.1	2.1	27.7
Madhya Pradesh	4.9	5.5	1.7	12.1	12.0	20.9	2.5	35.3
<b>East</b>								
West Bengal	13.9	3.5	5.8	23.2	13.0	4.7	1.8	19.4
Jharkhand	9.0	0.6	0.5	10.1	7.6	15.5	1.6	24.7
Odisha	9.1	4.7	5.9	19.6	13.5	18.4	3.7	35.6
Bihar	2.6	0.4	0.1	3.2	11.0	9.3	0.9	21.1
<b>North-East</b>								
Sikkim	13.1	0.5	0.5	14.1	10.1	2.5	0.9	13.5
Arunachal Pradesh	27.6	10.2	4.8	42.6	7.8	26.3	2.6	36.8
Nagaland	8.5	17.3	5.1	30.9	10.7	13.1	6.4	30.2
Manipur	22.3	27.4	4.8	54.5	25.0	14.7	7.3	46.9
Mizoram	47.4	1.4	6.7	55.5	58.4	0.2	2.1	60.6
Tripura	19.4	21.7	20.6	61.6	9.4	12.6	7.7	29.7
Meghalaya	60.3	1.7	10.4	72.4	66.2	1.4	1.5	69.1
Assam	45.6	13.3	11.1	69.9	45.6	9.7	10.1	65.4
<b>West</b>								
Gujarat	5.4	3.9	0.9	10.2	11.0	17.7	1.4	30.1
Maharashtra	23.3	2.4	3.0	28.6	16.2	11.2	2.8	30.2
Goa	20.9	0.4	1.4	22.6	13.8	2.1	0.9	16.8
<b>South</b>								
Andhra Pradesh	10.0	1.8	2.2	14.0	3.4	0.8	0.1	4.3
Telangana	5.8	3.1	2.8	11.6	11.7	2.6	1.2	15.5
Karnataka	38.9	2.4	4.8	46.2	18.7	12.8	3.7	35.3
Kerala	1.8	2.4	0.6	4.8	4.4	2.9	0.3	7.6
Tamil Nadu	20.8	4.5	1.3	26.5	30.4	3.0	1.1	34.4
Puducherry	14.1	2.3	2.3	18.7	21.5	1.5	0.5	23.4
<b>India</b>	<b>13.2</b>	<b>3.4</b>	<b>2.3</b>	<b>18.9</b>	<b>15.2</b>	<b>11.0</b>	<b>2.6</b>	<b>28.8</b>

