GATS Objectives

The Global Adult Tobacco Survey (GATS) is a global standard for systematically monitoring adult tobacco use (smoking and smokeless) and tracking key tobacco control indicators.

GATS is a nationally representative survey, using a consistent and standard protocol across countries, including Bangladesh. GATS enhances countries' capacity to design, implement and evaluate tobacco control programs. It will also assist countries to fulfill their obligations under the World Health Organization (WHO) Framework Convention on Tobacco Control (FCTC) to generate comparable data within and across countries. WHO developed MPOWER, a technical package of selected demand reduction measures contained in the WHO FCTC that include:



Monitor tobacco use & prevention policies

Protect people from tobacco smoke

Offer help to quit tobacco use

Warn about the dangers of tobacco

Enforce bans on tobacco advertising, promotion, & sponsorship

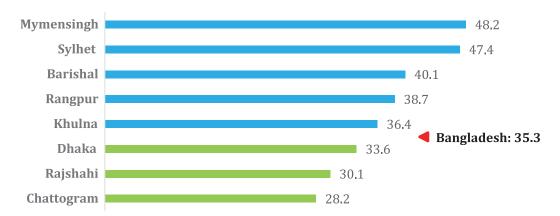
Raise taxes on tobacco

GATS Methodology

GATS uses a global standardized methodology. It includes information on respondents' background characteristics, tobacco use (smoking and smokeless), cessation, secondhand smoke, economics, media, and knowledge, attitudes and perceptions towards tobacco use. In Bangladesh, GATS was conducted in 2017 as a household survey of persons 15 years of age and older implemented by the Bangladesh Bureau of Statistics under the coordination of the National Tobacco Control Cell of the Health Services Division, Ministry of Health and Family Welfare, A multi-stage, geographically clustered sample design was used to produce nationally representative data. A total of 14,880 households were sampled. One individual was randomly chosen from each selected household to participate in the survey. Survey information was collected using handheld devices. The household response rate was 96.8%, the person-level response rate was 93.8%, and overall response rate was 90.8%.

There were a total of 12,783 completed individual interviews. A total of 1,860 households were planned for individual interviews in each of the divisions. However, person-level response rates varied from 80.9%–91.7% across divisions.

Percent of current tobacco users*



GATS Highlights

									Secondhand smoke:					Cess	Cessation: Media: Anti-tobacco							N	ledia: F	ro-tobacco	Economics:					
Divisions			Tobacco use ¹						Adults who were exposed to tobacco smoke in				Quit attempts in the past 12				Adı	ılts who noti	iced an	nti-tobacco		Adults noti	ced tol	oacco adve	Mean of average monthly expenditure					
	ain	oer,											months⁴				information at any location ⁵				sponsorshi	p or pr	omotion in	for						
	Domain	Number*	0)vera li	Smoking Smokeless			okeless	Wo	rkplace ²	Public		S	Smoking		Smokeless		Smoking		Smokeless		Smoking			Sn	Smokeless		Cigarette		Bidi
		_							(enclosed area)		tran	sportation ³	İ								Cigarette		Bidi							
			%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	BDT	CI	BDT	CI
Barishal	Overall	1,609	40.1	35.6, 44.5	13.6	11.0, 16.2	30.4	26.9, 34.0	45.6	36.5, 55.0	33.0	27.3, 38.7	53.6	43.7, 63.5	26.6	20.4, 32.8	49.2	43.8, 54.6	22.02	17.3, 26.8	32.6	26.2, 39.1	12.3	7.3, 17.3	8.7	4.5, 12.8	840.9	605.4, 1076.4	389.9	-
	Men	753	43.8	38.0, 49.7	29.0	23.6, 34.3	23.3	18.5, 28.2	52.9	42.3, 63.9	36.5	29.4, 44.6	53.5	43.6, 63.5	12.3	4.8, 19.8	55.8	46.9, 64.8	22.7	16.9, 28.0	52.4	42.3, 62.4	12.1	6.5, 17.6	7.7	3.4, 12.1	840.9	601.0, 1080.8	391.4	-
	Women	856	36.7	31.7, 41.7	0.02	-	36.7	31.7, 41.7	13.3	-	28.9	22.7, 35.1	-	-	34.5	26.1, 42.8	43.3	36.6, 50.0	21.4	14.6, 28.3	11.9	7.4, 16.3	12.6	4.6, 20.6	9.7	2.6, 16.9	-	-	-	-
	Urban	811	34.1	30.5, 37.5	14.3	11.8, 16.8	21.7	18.5, 24.8	39.0	27.8, 50.2	37.1	30.7, 43.5	49.9	37.2, 62.6	30.8	25.1, 36.5	64.5	58.8, 70.2	26.8	22.8, 39.1	48.5	35.2, 61.9	17.9	8.7, 27.2	14.8	6.1, 23.5	1095.7	695.5, 1495.8	211.0	160.0, 262.0
	Rural	798	41.5	36.1, 46.9	13.4	10.3, 16.6	32.5	28.3, 36.7	48.4	35.8, 60.9	31.9	25.0, 38.9	52.4	42.5, 66.4	26.0	18.9, 33.0	45.5	39.3, 55.8	19.9	14.5, 25.4	29.2	22.2, 36.1	11.1	5.5, 16.6	7.3	2.9, 11.7	765.5	487.5, 1043.4	402.6	-
Chattogram	Overall	1,577	28.2	25.1, 31.2	14.2	12.3, 16.0	16.3	13.5,19.1	55.2	40.0, 70.3	63.6	56.5, 70.7	63.9	53.6, 73.2	41.3	33.9, 49.0	53.1	47.6, 58.7	31.9	25.7, 38.0	37.9	27.7, 48.2	42.0	28.3, 55.7	29.6	17.9, 41.2	1130.2	874.2, 1386.3	740.0	179.2, 1300.8
	Men	758	36.5	32.5, 40.5	28.9	25.1, 32.7	12.1	8.7, 15.6	70.9	57.7, 84.0	76.5	68.8, 84.3	66.3	55.8, 76.7	56.9	39.6, 74.3	67.6	55.7, 79.5	48.7	37.0, 60.4	44.7	32.2, 57.3	38.7	25.0, 52.5	21.3	10.7, 31.9	1141.0	880.5, 1401.5	608.8	150.6, 1066.9
	Women	819	20.9	16.7, 25.2	1.4	0.6, 2.1	19.9	15.6, 24.2	14.6	-	34.8	26.3, 43.4	-	-	33.1	24.8, 41.4	40.6	34.3, 46.9	17.3	13.0, 21.7	27.2	18.1, 36.4	93.0	80.1, 105.8	95.5	86.9, 104.1	-	-	•	-
	Urban	795	25.7	21.9, 29.5	14.4	11.5, 17.4	13.7	10.5, 16.9	29.4	14.2, 44.6	60.7	52.5, 68.9	60.3	48.3, 72.3	42.8	31.6, 54.0	62.8	55.9, 69.6	36.1	28.0, 44.1	58.9	43.1, 74.6	55.8	37.6, 74.0	48.0	31.1, 65.0	1158.5	982.5, 1334.5	•	-
	Rural	782	29.0	25.2, 32.9	14.1	11.8, 16.3	17.2	13.6, 20.8	67.4	49.5, 85.4	64.9	55.3, 74.4	65.3	52.4, 78.3	40.8	31.5, 50.2	49.8	42.9, 56.6	30.4	22.7, 38.1	31.0	19.0, 43.1	36.3	19.0, 53.7	21.9	8.2, 35.6	1117.0	745.0, 489.0	747.8	170.4, 1325.3
	Overall	1,506	33.6	30.0, 37.2	19.5	17.0, 22.0	17.0	13.8, 20.2	32.7	26.3, 39.2	38.7	33.8, 43.6	43.5	34.6, 52.3	36.1	28.1, 44.4	62.5	58.6, 66.5	31.9	27.2, 36.6	51.7	45.2, 57.0	39.5	28.7, 50.3	34.8	24.1, 45.4	1576.7	1054.6, 2098.9	573.7	-
	Men	713	44.4	39.3, 49.5	38.0	32.9, 43.1	11.7	8.8, 14.7	36.5	29.2, 43.9	38.7	32.6, 44.8	43.5	34.6, 52.4	22.3	11.0, 33.6	63.3	55.7, 70.9	25.3	17.4, 33.2	55.7	46.5, 65.0	22.3	11.0, 33.5	11.4	2.1, 20.7	1576.7	1039.6, 2113.9	597.5	-
Dhaka	Women	793	22.5	17.8, 27.2	0.4	-	22.4	17.7, 27.0	18.9	9.2, 28.6	38.7	33.8, 43.6	-	-	43.9	33.7, 54.2	61.7	55.9, 67.5	38.8	31.5, 46.1	45.0	36.3, 53.8	70.8	59.2, 82.4	74.5	63.5, 85.5	-	-	-	-
	Urban	720	29.9	25.1, 34.8	19.6	15.0, 24.2	12.6	9.0, 16.1	27.6	23.3, 31.9	37.1	30.7, 43.5	42.8	29.1, 56.5	35.4	25.0, 45.9	69.1	63.7, 74.4	31.8	24.5, 39.1	45.7	35.7, 55.8	28.7	16.6, 40.7	25.2	13.4, 37	2010.4	1089.1, 2931.7	-	-
	Rural	786	36.1	31.0, 41.1	19.4	16.6, 22.1	20.0	15.4, 24.5	38.5	23.3, 31.9	31.9	25.0, 38.9	44.0	32.4, 55.5	36.4	25.9, 47.0	58.1	52.8, 63.4	31.9	25.8, 38.1	54.6	48.3, 60.8	47.5	31.7, 63.4	42.0	25.7, 58.4	1212.4	707.2, 1717.6	456.0	-
	Overall	1,621	36.4	32.5, 40.2	17.9	15.3, 20.8	22.2	18.6, 25.7		28.9, 49.6	32.2	26.9, 37.5		23.3, 39.2	25.4	19.3, 31.9	51.5	,	35.6	30.9, 40.4		29.2, 46.6	23.7	15.7, 31.6	11.0	5.9, 16.2	690.2	551.4, 829.0	182.3	121.3, 243.3
	Men	770	50.8	45.2, 56.4	36.7	31.1, 42.4	21.5	17.7, 25.2	44.8	32.8, 56.9	35.3	27.1, 43.5	31.5	23.5, 31.4	15.6		47.0	38.5, 55.6	24.6	16.8, 32.9	45.6	34.2, 56.9	16.7	9.1, 24.4	5.8	1.9, 9.7	690.2	546.5, 833.9	186.4	122.2, 250.5
Khulna	Women	851	22.8	18.1, 27.5	0.3	-	22.8	18.1, 27.5	5.1	-	28.4	20.5, 36.3	-	-	34.2	,	55.7	48.9, 62.5	46.0	37.9, 54.0	23.0	13.8, 32.2	78.1	59.0, 97.3	1	48.1, 88.4	-	-	-	-
	Urban	798	30.5	25.5, 35.5		14.6, 20.0	15.8	11.3, 20.3		25.4, 48.5	33.0	25.8, 40.2		28.5, 48.7				57.3, 71.4	46.1	39.3, 52.9	52.3	41.1, 63.5	30.1	18.1, 42.0		5.5, 30.2	979.6	546.5, 833.9	204.0	150.6, 257.4
	Rural	823		33.2, 42.0			23.5	19.4, 27.6		25.5, 54.7		25.7, 38.3		,	23.9		48.8	,		28.1, 38.8		25.2, 45.0	22.1	12.8, 31.4	9.4	4.0, 14.8	612.5	444.8, 780.2	181.1	114.9, 247.3
	Overall	1,591	48.2	44.6, 51.7		21.3, 26.5	29.1			,	41.3	36.8, 45.7		22.0, 39.3	25.3	<i>'</i>	46.7	42.0, 51.3	25.9	20.3, 31.5		22.3, 35.8	27.7	20.2, 35.2		11.0, 30.2		636.7, 1006.5	281.0	135.9, 426.2
	Men	766	59.9	54.4, 65.4	49.9	44.6, 55.3	20.1	15.6, 24.6		· ·	45.7	39.8, 51.5	30.5	21.8, 39.2	15.6		56.4	49.9, 63.0	29.9	21.0, 38.9	39.0	30.1, 47.9	24.8	16.2, 33.5	7.9	2.8, 12.9	821.6	631.7, 1011.5	281.0	133.7, 428.3
Mymensingh	Women	825	37.4	33.1, 41.7	-	-	37.4	33.1, 41.7		9.7, 81.5	35.7	28.8, 42.7	-	-	34.2		37.7	30.2, 45.2	22.2	13.9, 30.5	20.1	12.3, 27.9	32.9	17.4, 48.5	\vdash	20.2, 58.4	-	-	281.0	133.7, 428.3
	Urban	813	44.2	39.6, 48.7		20.1, 27.8	25.7	21.4, 30.3		56.3, 70.6	46.1	40.4, 51.8	30.2	20.3, 40.0	36.0		67.1	61.3, 72.8	39.3	16.8, 46.3	29.1	22.3, 35.1	39.1	23.2, 55.1	35.3	19.6, 51.1		895.3, 1378.1	246.3	204.3, 288.2
	Rural	778	49.0	44.8, 53.1	23.9	20.8, 26.9	29.8	26.2, 33.5	67.1	58.1, 76.0	40.2	35.0, 45.4	30.8	20.5, 41.0	23.9	17.2, 30.8	42.4	37.4, 47.4	23.1	16.8, 29.4	25.0	17.9, 32.1	25.7	17.6, 33.8	18.1	7.6, 28.6	735.1	512.6, 957.5	283.9	124.4, 443.4

Divisions	Domain								Secondhand smoke:					Cessation:				Media: Ant	co	Media: Pro-tobacco							Economics:				
				Tobacco use ¹						lults who w	osed to	Quit attempts in the past 12				Adults who noticed anti-tobacco					Adults not	iced to	bacco adv	ertiser/	Mean of average monthly expenditure for						
		ber							tobacco smoke in				months ⁴				information at any location ⁵				sponsorship or promotion in any media										
		Number	0	verall	Smoking		Sm	Smokeless		rkplace ²	Public		Smoking		S	Smokeless		Smoking		Smokeless		Smoking			Smokeless		Cigarettes			Bidi	
										(enclosed area)		transportation ³										Ciga	jarette		Bidi						
			%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI	BDT	CI	BDT	CI	
	Overall	1,705	30.1	26.8, 33.4	17.4	14.5, 20.4	15.2	12.2, 18.2	46.2	39.8, 53.6	49.5	41.4, 57.6	43.3	35.5, 51.2	27.1	19.5, 34.6	61.2	54.2, 68.1	33.9	28.3, 39.6	29.1	22.3, 35.8	26.2	19.6, 32.7	14.9	10.8, 19.1	709.6	540.5, 878.6	258.5	168.4, 348.6	
	Men	843	43.1	37.0, 49.1	34.7	28.9, 40.6	13.6	9.5, 17.7	49.2	40.9, 57.6	39.9	30.0, 49.9	43.3	35.3, 52.3	31.7	17.9, 41.6	61.5	53.5, 69.6	37.3	27.4, 47.3	39.0	30.1, 47.9	40.1	25.2, 54.9	23.9	13.3, 34.5	718.2	546.2, 890.1	262.2	168.9, 355.6	
Rajshahi	Women	862	17.4	12.5, 22.3	0.6	-	16.8	11.9, 21.7	20.9	6.2, 35.7	55.8	44.8, 66.9	-	-	23.4	15.6, 31.2	60.8	51.1, 70.5	30.7	20.5, 40.8	20.0	13.3, 26.7	15.7	9.1, 22.2	9.2	4.9, 13.5	-	-	-	-	
	Urban	845	23.7	19.7, 27.8	15.2	11.4, 19.0	13.4	8.4, 13.3	49.3	39.1, 59.4	52.9	44.5, 61.4	43.8	33.3, 54.3	37.5	26.3, 48.7	72.4	66.6, 78.1	38.6	32.2, 45.1	38.7	32.4, 45.0	28.0	20.0, 36.0	16.6	11.3, 22.0	704.0	522.6, 885.5	258.6	113.8, 403.5	
	Rural	860	31.5	27.6, 35.4	18.0	14.5, 21.4	16.2	12.7, 19.8	45.0	35.7, 54,4	48.6	48.6, 58.6	43.2	34.1, 52.4	25.4	16.9, 33.9	58.6	50.3, 66.9	32.9	26.1, 39.6	34.1	28.4, 39.8	25.6	17.6, 33.6	14.5	9.5, 19.5	711.0	501.4, 920.6	258.5	157.9, 359.0	
	Overall	1,653	38.7	35.5, 42.0	18.4	15.8, 21.0	25.0	21.7, 28.2	48.5	37.5, 59.5	34.2	28.6, 39.9	49.5	41.7, 57.4	35.2	27.6, 42.8	58.2	53.2, 63.2	30.1	24.7, 35.5	39.5	33.2, 45.8	58.0	46.4, 69.6	23.4	14.7, 32.0	599.5	452.3, 746.7	207.8	134.3, 281.3	
	Men	773	52.3	48.2, 56.4	36.4	31.7, 41.1	24.3	20.2, 28.4	52.6	40.4, 64.9	35.6	27.4, 43.9	52.0	44.0, 60.1	34.7	25.7, 43.8	63.0	56.5, 69.5	22.2	14.5, 29.9	48.3	40.1, 56.4	51.8	37.9, 65.7	8.5	3.0, 14.1	602.6	451.2, 754.1	227.7	155.1, 300.4	
	Women	880	26.2	21.7, 30.7	1.8	0.1, 3.4	25.6	20.9, 30.2	28.3	6.9, 49.7	32.9	25.5, 40.4	-	-	35.6	23.1, 48.1	53.8	47.3, 60.2	37.4	29.2, 45.7	28.5	16.4, 40.5	75.3	59.6, 90.9	67.7	48.0, 87.4	-	-	37.7	-	
	Urban	834	35.0	30.5, 39.4	14.9	12.3, 17.6	23.2	18.8, 27.5	50.7	42.2, 59.3	35.1	29.5, 40.8	51.6	41.1, 62.2	40.9	32.8, 49.9	72.4	67.3, 77.5	39.4	31.4, 47.4	53.5	44.4, 62.6	53.4	39.5, 67.3	20.1	9.6, 30.6	850.6	666.2, 1035.1	154.4	88.1, 220.6	
	Rural	819	39.4	35.7, 43.0	19.0	16.0, 22.0	25.3	21.6, 28.9	47.9	34.3, 1.5	34.0	27.4, 40.7	49.2	40.5, 58.0	34.4	25.7, 43.0	55.9	50.2, 61.6	28.6	22.5, 34.7	37.7	30.7, 44.7	58.6	45.6, 75.6	23.8	14.2, 33.4	558.3	389.2, 727.5	211.2	130.1, 292.3	
	Overall	1,521	47.4	42.5, 52.2	20.2	18.1, 22.4	31.4	26.9, 36.0	36.9		41.5	35.0, 48.0	43.2	33.4, 53.0	22.3	16.7, 28.0	45.6	38.8, 52,4	33.8	27.4, 40.2	33.5	28.0, 39.1	50.9	38.9, 62.8	40.8	30.0, 51.8	928.0	778.9, 1077.1	354.3	207.0, 501.5	
	Men	703	52.5	46.1, 58.9	40.4	35.7, 45.1	20.1	14.8, 25.3	43.8	35.3, 52.4	44.6	35.4, 53.8	43.4	32.9, 54.0	23.1	14.2, 32.0	55.0	46.7, 63.3	39.2	30.7, 47.7	51.2	41.7, 60.8	64.3	51.0, 77.5	46.8	30.9, 62.8	937.7	783.6, 1091.8	383.0	210.4, 555.6	
Sylhet	Women	818	42.6	37.1, 48.1	1.6	0.4, 2.7	41.9	36.5, 47.4	4.1	-	35.6	26.7, 44.6	-	-	22.0	14.5, 29.5	37.0	28.2, 45.7	28.8	21.5, 36.0	17.3	12.2, 22.5	39.1	23.1, 55.1	36.6	20.2, 52.9	-	-	-	_	
	Urban	740	32.9	28.1, 37.7	15.1	12.3, 17.9	20.7	16.6, 24.9	31.3	25.1, 37.5	48.1	42.2, 54.0	50.1	39.1, 61.0	34.7	24.8, 44.6	68.0	60.9, 75.2	53.8	45.0, 62.5	51.6	45.1, 58.2	51.2	41.2, 61.2	40.4	30.1, 50 .7	1295.9	1091.4, 1500.3	-	_	
	Rural	781	50.6	45.0, 56.1	21.4	18.9, 23.6	33.8	28.4, 39.2	40.6	29.8, 51.4	39.7	31.7, 47.6	42.1	30.8, 53.3	20.7	14.4, 26.9	40.7	33.1, 48.2	29.4	22.3, 36.5	30.1	24.0, 36.2	50.7	34.6, 66.9	40.9	26.4, 55.5	849.4	672.1, 1026.8	357.5	199.8, 515.3	
	Overall	12,783	35.3	33.9, 36.7	18.0	17.0, 19.0	20.6	19.2, 22.0	42.7	38.9, 46.6	44.0	41.3, 46.7	44.9	41.3, 48.6	31.4	28.6, 34.1	55.9	53.8, 58.0	31.5	29.5, 33.6	39.6	36.5, 42.6	36.5	32.2, 40.9	24.4	20.3, 20.8	1077.7	879.5, 1275.8	341.9	227.7, 456.0	
	Men	6079	46.0	43.9, 48.0	36.2	34.1, 38.2	16.2	14.7, 17.7	48.2	44.0, 52.5	48.0	44.2, 51.7	45.4	41.6, 49.1	27.4	22.9, 31.9	60.6	57.1, 64.1	31.9	28.1, 35.6	49.1	45.0, 53,3	33.0	27.6, 38.5	14.9	11.1, 18.7	1082.3	883.3, 1281.3	340.3	223.1, 457.5	
Bangladesh	Women	6704	25.2	23.4, 27.1	0.8	0.5, 1.1	24.8	22.9, 26.7	19.2	13.5, 26.6	38.2	34.8, 41.7	24.5	9.1, 39.9	33.8	30.1, 37.5	51.4	48.5, 54.2	31.2	28.2, 34.2	27.6	24.0, 31.2	43.9	37.2, 50.7	42.1	34.9, 49.2	-	-	370.5	-	
Overall	Urban	6427	29.9	27.6, 32.2	17.5	15.4, 19.6	14.9	13.1, 16.7			_			38.5, 52.5	36.7	32.1, 41.3	67.7	64.9, 70.4	36.3	32.4, 40.1	49.3	43.7, 54.9	37.0	29.7, 44.2	2 28.7	22.3, 35.1	1527.6	1019.0, 2036.2	554.7	-	
	Rural	6356	37.1	35.4, 38.8	18.1	17.0, 19.3	-	20.8, 24.2	48.1	42.6, 53.7	43.4	39.9, 46.9	44.7	40.4, 49.0	30.2	26.9, 33.4	51.4	49.4, 54.7	30.0	27.5, 32.4	36.6	32.9, 40.2	36.4	31.1, 41.7	22.9	18.5, 27.3	885.0	728.3, 1041.6	324.8	214.8, 434.8	
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CI: 95% confidence interval BDT: Bangladesh taka

¹ Includes manufactured cigarettes and hand-rolled cigarettes. ² Among those who work outside of the home who usually work indoors or both indoors and outdoors. ³ Among those who visited in the past 30 days. ⁴ Includes current smokers and those who quit in the past 12 months. ⁵ Noticing anti-tobacco information includes noticing anti-cigarette or anti-bidi or anti-smokeless information. – Estimates suppressed due to unweighted sample size less than 25 or if data is unstable.

NOTE: Current use refers to daily and less than daily use. Adults refer to persons aged 15 years and older. Data have been weighted to be nationally representative of all non-institutionalized men and women aged 15 years and older. Percentages reflect the prevalence of each indicator in each group, not the distribution across groups. The number column reflects total and distribution of divisional samples by sex and residence.

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