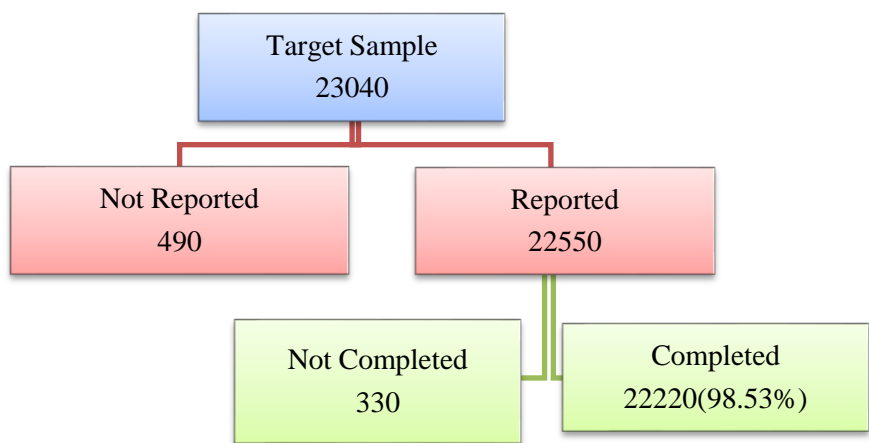
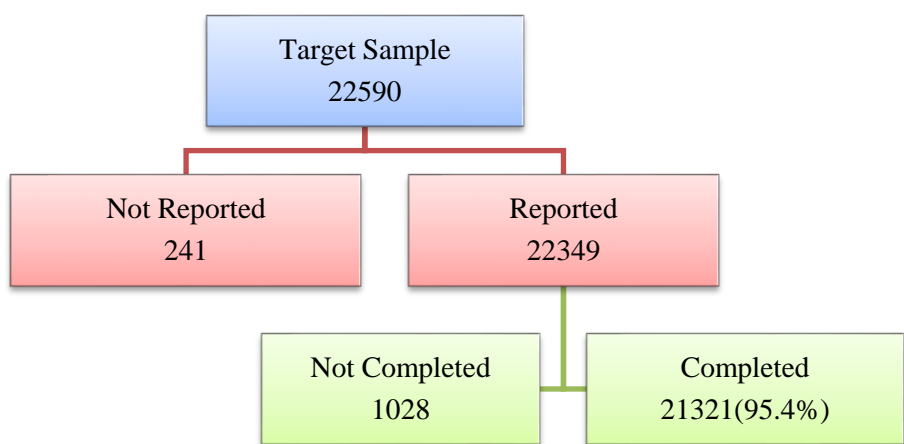


Chapter - 3 Survey Results

Household Response Rate



Adult – level Response Rate



A. Household level interview

3.1 Household Characteristics

3.1.1 Average size of the household* by place of residence

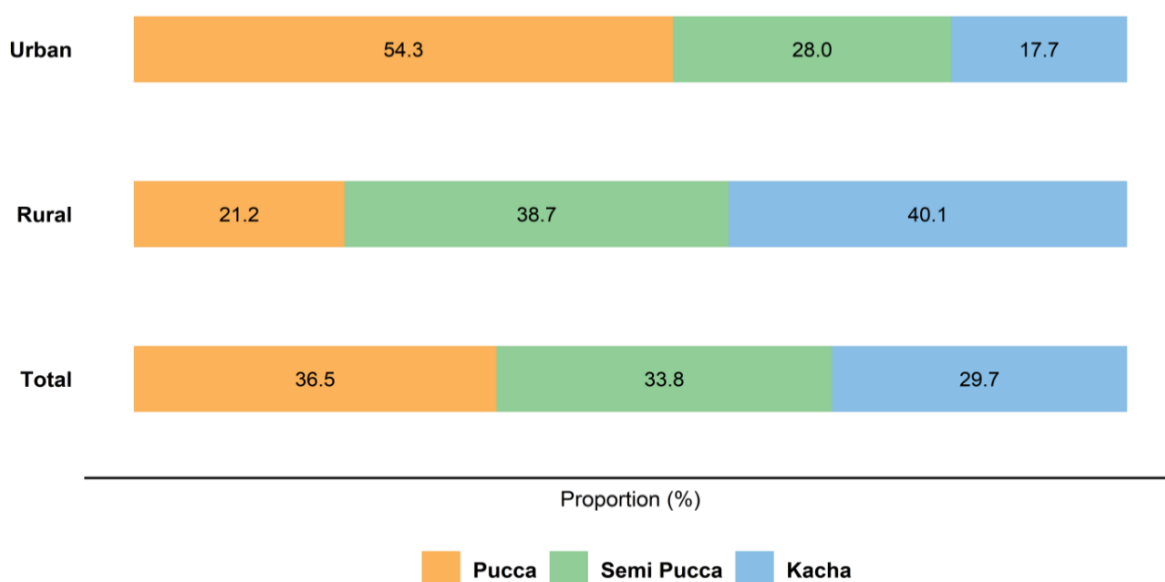
	Urban	Rural	Combined
Median (IQR*)	4.0 (2.0)	4.0 (3.0)	4.0 (2.0)

Size of the household- Number of members in the household [*IQR: - Interquartile Range]

*Household: A person or group of persons who could be biologically related/not related, living together in the same unit(s), who recognise a joint head of the household (an adult male or female) and are considered a single unit, sharing the same household arrangements.

3.1.2 Household characteristics by place of residence (Percentage)

3.1.2 (a) Type of House*



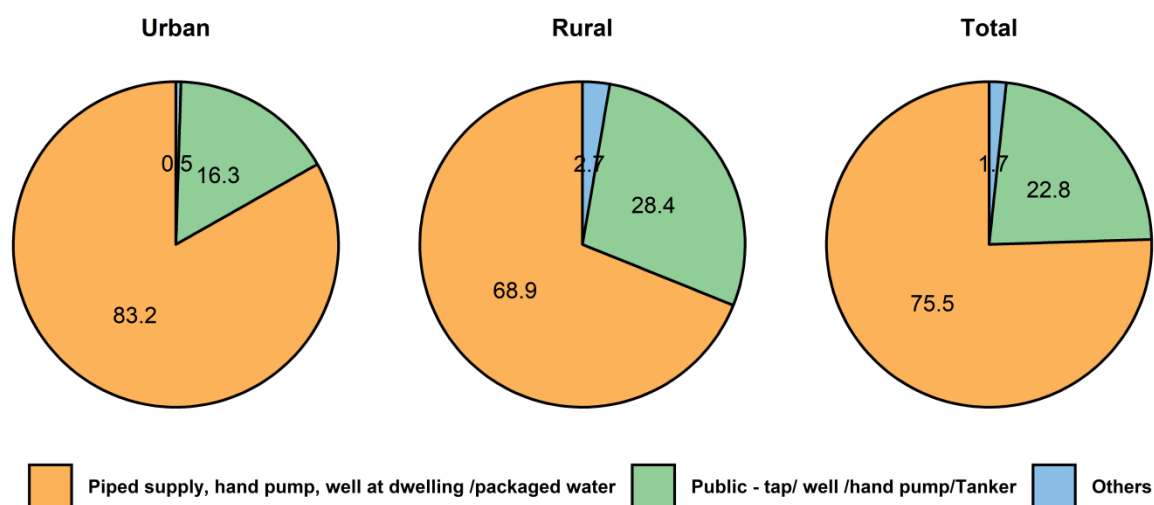
* **Type of house** is defined based on roof, floor and walls.

Pucca house: A pucca house is one, which has walls and a roof made of the following material. Wall material include burnt bricks, stone and cement. Roof material includes tiles, cement, iron or asbestos sheets

Semi pucca house: A house with fixed walls made up of pucca material, but the roof is made up of material other than those used for pucca house.

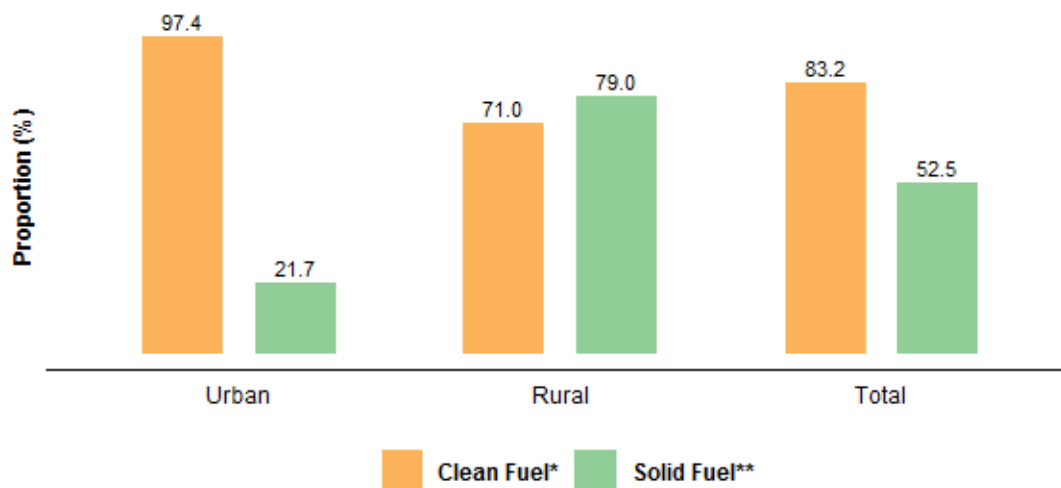
Kutcha House: The walls and/or roof are made of material other than those mentioned above, such as unburnt bricks, bamboos, mud, grass, reeds, thatch, loosely packed stones, etc.

3.1.2 (b) Main source of drinking water



3.1.3 Fuel used for cooking and type of kitchen among households by place of residence (Percentage)

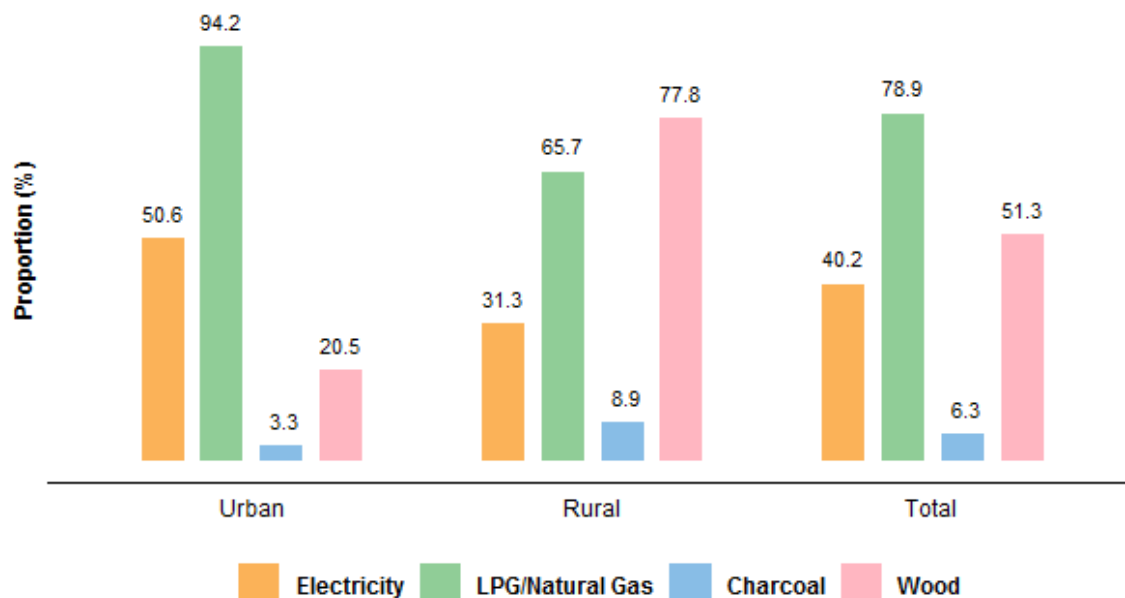
3.1.3 (a) Type of fuel



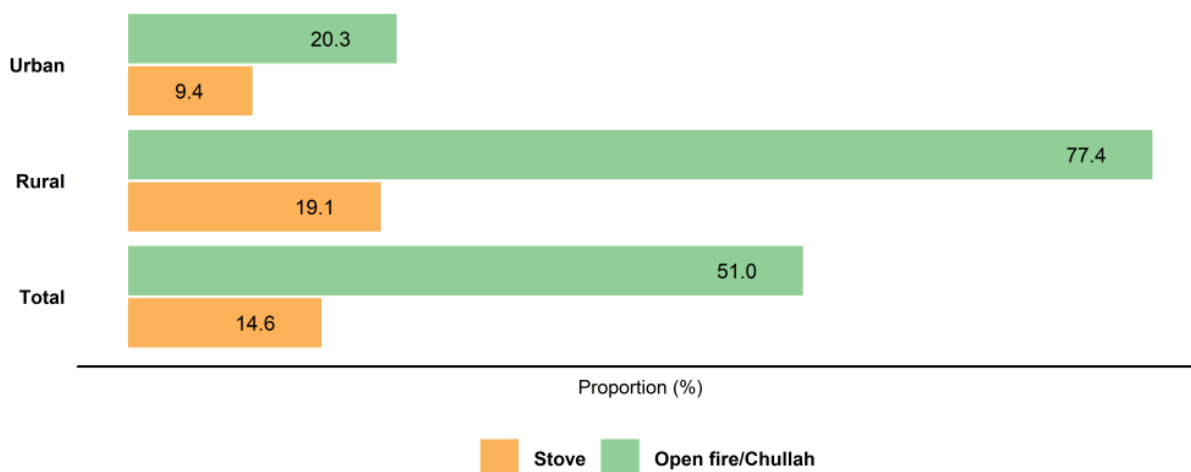
*Clean fuel: Electricity, LPG/Natural Gas, Biogas

**Solid Fuel: Charcoal, Coal/lignite, wood, Straw/Shrubs/Grass, Agricultural crop waste, Dung cakes

3.1.3 (b) Type of fuels used for cooking purposes



3.1.3 (c) Type of stove/ fire used among households using solid fuels



3.2 Awareness and Attitudes Towards Cancer

Nearly all (99.3%) of the respondents conceded that they never felt ashamed or hesitant to talk about a cancer case in the household. Only 5.2% of the households were aware about the Human Papilloma Virus (HPV) vaccine.

3.3 Descriptive Profile of Cancer Cases Identified at the Household Level

3.3.1- Households with cancer cases by place of residence

	Urban (N=6711)	Rural (N=14671)	Combined (N=21382)
Percentage of households with diagnosed cancer cases			
Percentage – alive	98 (1.5)	122 (0.8)	220 (1.0)
Percentage – deceased	363 (5.4)	496 (3.4)	859 (4.0)

3.3.2 - Duration of Cancer from the time of diagnosis by place of residence

	Urban	Rural	Male	Female	Combined
Duration of diagnosis for cancer patients who are alive	(N=101)	(N=124)	(N=102)	(N=123)	(N=225)
< 6 months	7 (6.9)	11 (8.9)	11 (10.8)	7 (5.7)	18 (8.0)
6-12 months	10 (9.9)	13 (10.5)	11 (10.8)	12 (9.8)	23 (10.2)
13– 24months	11 (10.9)	29 (23.4)	22 (21.6)	18 (14.6)	40 (17.8)
> 24 months	60 (59.4)	63 (50.8)	46 (45.1)	77 (62.6)	123 (54.7)
Don't know	13 (12.9)	8 (6.5)	12 (11.8)	9 (7.3)	21 (9.3)
Duration between diagnosis and death of the patient	(N=387)	(N=525)	(N=595)	(N=317)	(N=912)
< 6 months	113 (29.2)	161 (30.7)	183 (30.8)	91 (28.7)	274 (30.0)
6-12 months	21 (5.4)	27 (5.1)	36 (6.1)	12 (3.8)	48 (5.3)
13– 24months	97 (25.1)	115 (21.9)	140 (23.5)	72 (22.7)	212 (23.2)
> 24 months	82 (21.2)	111 (21.1)	125 (21.0)	68 (21.5)	193 (21.2)
Don't know	74 (19.1)	111 (21.1)	111 (18.7)	74 (23.3)	185 (20.3)

* Prior to the date of interview: extracted from the date of diagnosis

3.3.3 - Duration of Cancer (in months) by place of residence (Mean)

	Urban	Rural	Combined
Average duration of cancer (alive)	83.5	48.6	64.1
Average duration of cancer (deceased)	18.3	17.4	17.8
Average duration of cancer (alive/deceased)	32.6	24.4	27.9

*Extracted from the date of diagnosis

B. Adult Level Interview

3.4 Demographic Characteristics of Adults by Place of Residence and Gender

3.4.1 Socio - demographic characteristics of adults by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Age (in years)					
18–44	70.9	71.4	70.3	72.1	71.2
45 –69	25.3	24.6	25.9	23.9	24.9
70 and above	3.8	4.0	3.8	4.0	3.9
Marital Status					
Never married	19.3	13.0	19.5	11.9	15.8
Currently married/ cohabiting	72.8	79.4	77.1	75.9	76.4
Separated/Not living together/ Divorced	2.2	2.0	1.8	2.3	2.1
Widowed	5.7	5.6	1.6	9.9	5.7
Highest level of Education					
Less than class 6	13.2	26.4	18.1	21.5	19.7
Class 6 to 10	41.4	48.4	43.4	46.8	45.0
Class 11 or 12	19.7	14.5	17.3	16.9	17.1
Graduation or diploma completed	21.0	8.9	17.4	12.1	14.9
Post-graduation	4.6	1.7	3.8	2.5	3.2
No response	0.1	0.1	0.002	0.2	0.1
Occupation					
Professional	14.1	7.2	14.5	5.9	10.2
Medium or large Business	3.6	1.4	4.1	0.5	2.4
Middle / Senior Executive/officer in organization	3.1	0.9	2.8	0.8	1.8
Agricultural land owner	0.7	7.8	6.5	2.7	4.7
Sales and Marketing executives/Clerical	1.8	0.9	1.9	0.7	1.3
Self-employed and small business	16.6	9.5	17.7	7.4	12.7
Skilled manual labourer	7.1	7.1	12.1	1.8	7.1
Unskilled manual/agricultural labourer	5.9	21.9	20.7	8.6	14.8
Student	7.6	4.2	6.4	5.0	5.7
Homemaker	29.4	30.4	0.8	60.6	29.9
Retired	3.6	2.0	4.3	1.0	2.7
Unemployed (able to work)	5.1	4.6	6.1	3.5	4.9
Unemployed (unable to work)	1.2	1.8	1.7	1.4	1.5
No response	0.01	0.2	0.1	0.1	0.1
Others	0.2	0.1	0.3	0.02	0.2

3.4.2 Religion and Social Status of adults by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Religion					
Hinduism	47.1	36.6	40.9	41.6	41.3
Islam	6.3	4.1	5.0	5.2	5.1
Christian	40.1	46.3	43.4	43.6	43.5
Sikhism	0.03	0.003	0.01	0.02	0.02
Buddhism	4.0	6.7	5.6	5.3	5.5
Jainism	0.04	0.03	0.03	0.04	0.04
None	0.1	0.6	0.4	0.3	0.4
Others	2.4	5.6	4.7	3.9	4.2
Social Group					
General	28.2	11.7	19.3	18.7	19.0
OBC	17.6	18.4	17.5	18.7	18.1
SC	7.2	5.4	6.1	6.3	6.2
ST	46.7	63.2	56.2	55.6	55.9
Others	0.1	0.5	0.4	0.3	0.3

3.5 Obstetric History of Adult Females

	Urban	Rural	Total
Ever Pregnant (%)	77.4	85.7	82.1
Age at first Pregnancy (%)			
<18 Years	7.6	10.1	9.0
18 – 29 Years	83.8	84.9	84.5
≥ 30 Years	8.6	5.0	6.5
Average age at first pregnancy*(in years)	22.6	21.5	22.0
Gravida*#	2.3	2.6	2.5
Ever breast fed	97.9	98.4	98.2
Never breast fed	2.1	1.6	1.8
Mean/Median duration (in months) of breastfeeding among ever pregnant women@	48.9	52.3	50.9

*Values are expressed as Mean;

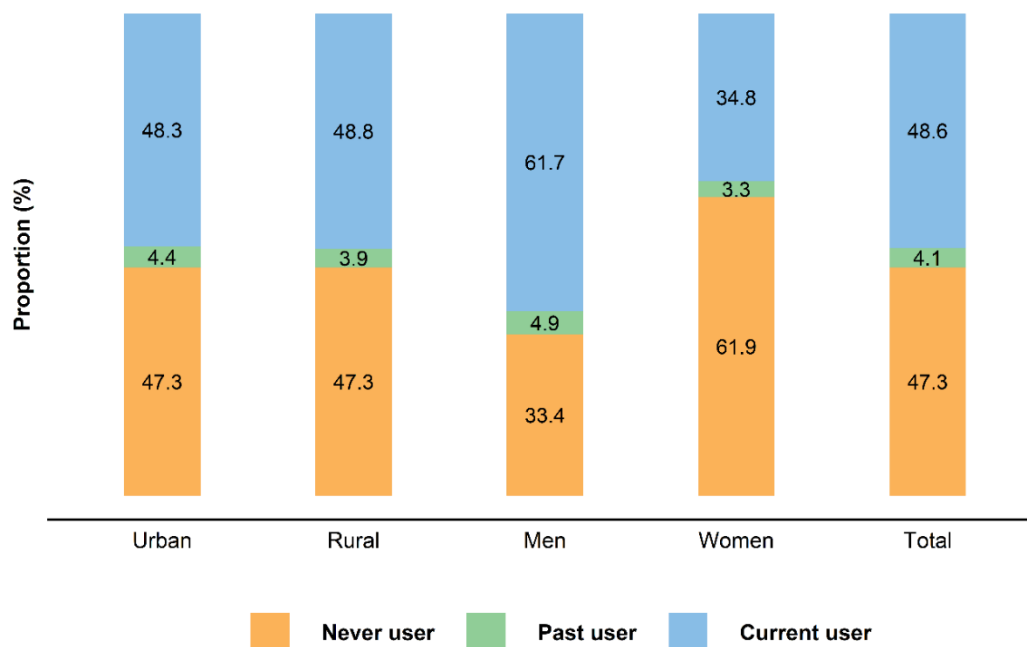
#Includes total number of confirmed pregnancies that a woman has had (includes abortion, still births or live births)

@Combined breastfeeding duration of all live births

3.6 Behavioural Characteristics

3.6.1 Tobacco use

3.6.1.1 - Prevalence of tobacco use (any form) by residence and gender



3.6.1.2 - Prevalence of smoked tobacco use by place of residence and gender(percentage)

	Urban	Rural	Men	Women	Total
Never user*	74.0	73.3	54.1	94.1	73.7
Past user**	4.7	4.3	7.1	1.7	4.4
Current user***	21.3	22.4	38.8	4.2	21.9

* A person who has never smoked/used smokeless tobacco during their lifetime.

** Use of smoke and/or smokeless tobacco in the past either daily or occasionally prior to 12 months preceding the survey

*** Use of any form of tobacco (smoke and/or smokeless) over the last 12 months preceding the survey.

3.6.1.3 - Smokeless tobacco use by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Never user	60.5	61.5	58.0	64.1	61.0
Past user	3.5	3.3	4.0	2.8	3.4
Current user	36.0	35.2	38.0	33.1	35.6

3.6.1.4 - Type of current Tobacco use among adults by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Only Smoked Tobacco	12.2	13.6	23.7	1.7	13.0
Only Smokeless Tobacco	27.0	26.4	22.9	30.7	26.7
Both Smoked and Smokeless Tobacco	9.1	8.8	15.1	2.4	8.9
Either Smoked or Smokeless Tobacco	48.3	48.8	61.7	34.8	48.6

3.6.1.5 - Current daily tobacco* use by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Only Smoked Tobacco	11.5	13.0	22.6	1.6	12.4
Only Smokeless Tobacco	24.4	24.3	22.4	26.5	24.4
Both Smoked and Smokeless Tobacco	5.9	6.0	9.9	1.8	5.9
Either Smoked or Smokeless Tobacco	41.8	43.3	54.9	29.9	42.7

* Use of any form of tobacco (smoke and/or smokeless) daily over the last 12 months preceding the survey

3.6.1.6 - Current daily tobacco use* by type of product, place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Smoked Tobacco					
Bidis	16.2	37.5	29.4	18.1	28.3
Manufactured Cigarettes	52.5	28.1	39.8	27.0	38.6
Hand-rolled Cigarettes	15.4	22.4	18.8	24.9	19.4
Pipes /Chilam	0.2	2.1	1.2	1.3	1.2
Cigars, Cheroots	0.2	0.4	0.4	0.0	0.4
Hookah/No. of Shisha session	0.1	1.0	0.5	1.9	0.6
Local smoked tobacco products	4.0	4.6	3.8	9.3	4.3
Others	0.0	.04	.03	0.0	.03
Smokeless Tobacco					
Chewing tobacco	46.7	51.8	54.1	43.9	49.5
Pan with Zarda, Betel with Tobacco quid	39.4	34.4	32.4	41.8	36.7
Tuibur, Tobacco Snuff, by mouth	14.8	14.4	16.7	12.0	14.6
Snuff, by nose	0.1	0.2	0.2	0.1	0.1
Others	0.5	0.4	0.6	0.3	0.5

*Among current users

3.6.1.7 - Age (in years) at initiation and cessation of different forms of tobacco use by place of residence and gender (Mean)

	Urban	Rural	Men	Women	Total
Age at initiation					
Any form of tobacco*	22.1	20.7	20.6	22.8	21.3
Smoked tobacco	21.0	20.0	20.1	23.0	20.4
Smokeless tobacco	23.4	21.9	22.2	23.1	22.6
Age at cessation					
Any form of tobacco**	37.0	34.9	36.2	35.3	35.9
Smoked tobacco	36.8	34.8	36.1	34.3	35.8
Smokeless tobacco	37.5	35.8	37.5	35.7	36.7

*Minimum age of smoked and smokeless tobacco use

**Maximum age of smoked and smokeless tobacco use

3.6.1.8 - Duration (years) of tobacco use among past users* by place of residence and gender (Mean)

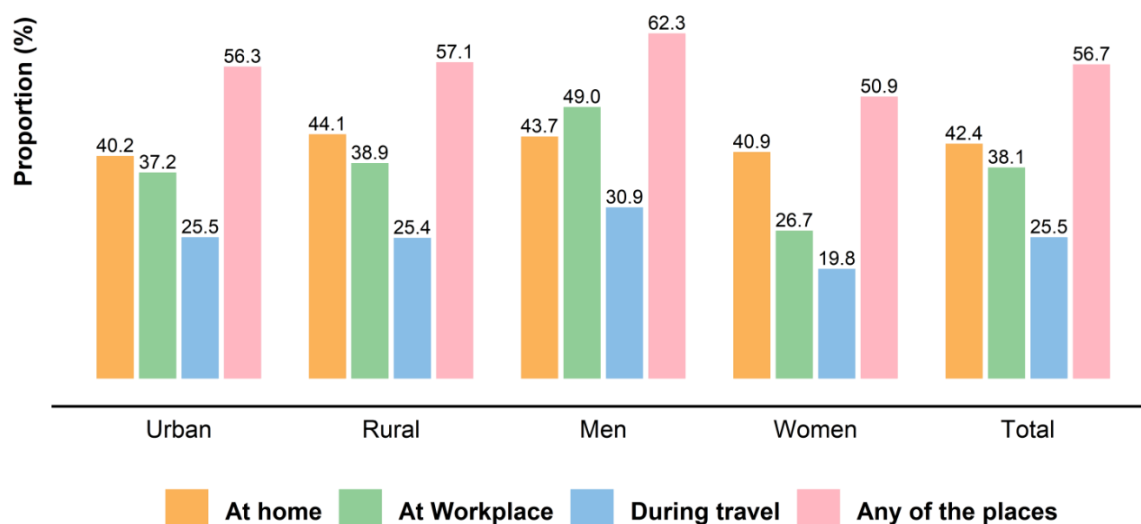
	Urban	Rural	Men	Women	Total
Any form of tobacco	16.5	15.5	16.8	14.0	16.0
Smoked tobacco	17.1	15.6	16.7	14.4	16.3
Smokeless tobacco	15.1	14.6	16.2	13.0	14.9

3.6.1.9 - Personal attempts to quit and advised to quit tobacco use by doctor/health worker by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Attempted to quit					
Smoked tobacco (among current users)	15.0	15.0	14.8	16.9	15.0
Advised to quit					
Any form of tobacco use	6.9	6.8	8.6	5.0	6.9
Smoked tobacco use	4.2	3.8	6.4	1.5	4.0
Smokeless tobacco use	5.3	5.4	6.1	4.7	5.4

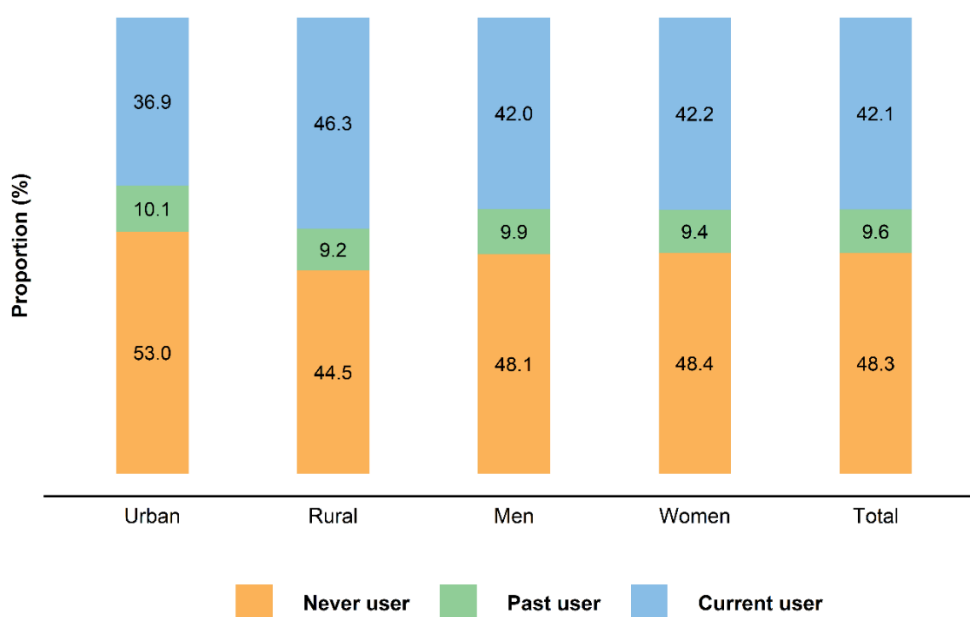
3. 6. 2 Exposure to Second Hand Smoke

3.6.2.1 - Exposure to second hand tobacco smoke in the past 30 days by place of residence and gender (Percentage)



3.6.3 Non – Tobacco Betel Products

3.6.3.1 - Consumption of betel products without tobacco (any form) * by place of residence and gender (Percentage)



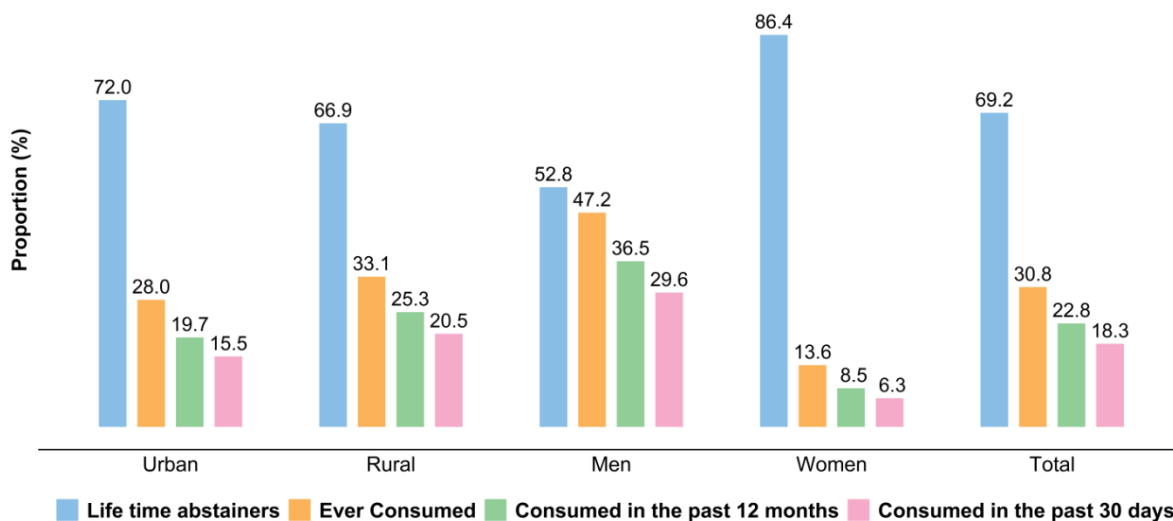
*Includes pan masala, betel quid, areca nut.

3.6.3.2- Consumption of different betel products without tobacco by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Pan Masala					
Never user	78.2	83.9	79.8	83	81.4
Past user	9.2	7.0	9.1	6.9	8.0
Current user	12.6	9.1	11.1	10.1	10.6
Betel quid					
Never user	72.8	78.3	75.1	76.7	75.9
Past user	7.2	5.0	6.7	5.2	5.9
Current user	20.0	16.7	18.2	18.1	18.2
Areca nut					
Never user	62.8	50.1	56	55.5	55.7
Past user	11.9	10.5	11.4	10.8	11.2
Current user	25.3	39.4	32.6	33.7	33.1

3.6.4 Alcohol Use

3.6.4.1 - Alcohol use *by place of residence and gender (Percentage)



*Lifetime abstainer: A person who has never consumed one or more drink of any type of alcohol in their lifetime.

Ever consumed: A person who has consumed any of the alcoholic products (such as beer, wine, whisky, locally prepared alcohol etc.) at least once in their lifetime.

Current alcohol use: Consumption of alcohol in the last 12 months preceding the survey.

3.6.4.2 - Age of initiation of Alcohol consumption by place of residence and gender (Mean)

	Urban	Rural	Men	Women	Total
Age of initiation of Alcohol consumption	21.7	21.0	21.1	21.9	21.3

3.6.4.3 - Patterns of alcohol use in the past 12 months* by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Unable to stop drinking					
Never	70.5	72.7	70.5	78.3	71.9
Daily/ almost daily	4.1	4.5	4.5	3.7	4.4
Weekly	7.7	8.4	8.9	4.5	8.1
Monthly	7.3	5.1	6.3	4.3	6.0
Less than Monthly	9.0	8.4	8.7	8.1	8.6
Failed to do usual routine work due to drinking habit					
Never	81.5	81.4	79.6	89.7	81.5
Daily/ almost daily	0.8	1.3	1.1	1.0	1.1
Weekly	3.2	4.5	4.6	1.3	4.0
Monthly	3.4	2.7	3.2	2.1	3.0
Less than Monthly	8.8	6.7	8.3	4.0	7.5
Need of first drink in the morning					
Never	87.4	86.2	85.2	93.1	86.6
Daily/ almost daily	1.0	1.5	1.3	1.4	1.3
Weekly	1.8	3.6	3.3	1.3	3.0
Monthly	2.6	2.1	2.6	1.0	2.3
Less than Monthly	4.6	4.3	4.8	2.4	4.4

*Among those who consumed alcohol in the past 12 months

3.6.4.4 - Heavy episodic drinking* among adults in the past 30 days by age category, place of residence and gender (Percentage)

≥6 standard drinks **	Urban	Rural	Men	Women	Total
18- 44 Years	8.9	10.7	17.3	2.4	9.9
45 – 69 Years	7.3	12.0	15.6	3.3	9.9
70 and above	2.6	4.8	5.8	1.9	3.8
18+ years	8.3	10.8	16.4	2.6	9.7

*Drinking ≥6 standard drinks in a single drinking occasion

**Contains a net pure alcohol content of 10 gm

3.6.4.5 - Received advice to avoid alcohol use by doctor/health worker in the last one year by age category, place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
18- 44 Years	2.4	2.7	4.0	1.1	2.6
45 – 69 Years	4.2	3.7	6.3	1.3	4.0
70 and above	3.3	3.0	4.7	1.5	3.1
18+ years	2.9	3.0	4.6	1.2	2.9

3.6.5 Diet

3.6.5.1 - Number of days of consumption of fruits, vegetables and fruit or vegetable juices in a week by place of residence and gender (Mean)

	Urban	Rural	Men	Women	Total
Fruits	2.3	1.9	2.0	2.2	2.1
Vegetables	5.9	5.7	5.8	5.9	5.8
Fruits and/or Vegetables	0.9	0.8	0.8	0.9	0.8
Fruit or Vegetable juice	6.0	5.8	5.8	5.9	5.9

3.6.5.2 - Number of servings of fruits, vegetables and fruit or vegetable juices consumed per day by place of residence and gender (Mean)

	Urban	Rural	Men	Women	Total
Fruits	0.4	0.4	0.4	0.4	0.4
Vegetables	1.9	1.8	1.9	1.9	1.9
Fruits and/or Vegetables*	0.2	0.1	0.1	0.2	0.1
Fruit or Vegetable Juice	2.4	2.2	2.3	2.3	2.3

*One standard serving of fruits and/or vegetables is equivalent to 80-100 grams.

The quantity of intake was measured by servings; for vegetables, this refers to one cup of raw, leafy green vegetables (spinach, salad etc.), half cup of other vegetables, cooked or raw (tomatoes, pumpkin, beans etc.), or a half cup of vegetable juice.

For fruits, this refers to one medium-sized piece of fruit (banana, apple etc.) or a half cup of raw, cooked or canned fruit.

** Includes fresh juice made at home/shop.

3.6.5.3 - Number of days of Consumption of different meat items (any form) in a typical week by place of residence and gender (Mean)

	Urban	Rural	Men	Women	Total
Birds/Poultry	1.6	1.6	1.6	1.6	1.6
Fish	2.0	1.9	2.0	1.9	1.9
Red Meat	1.7	1.7	1.7	1.7	1.7
Either Birds/Poultry or Fish or Red Meat*	2.3	2.2	2.3	2.3	2.3

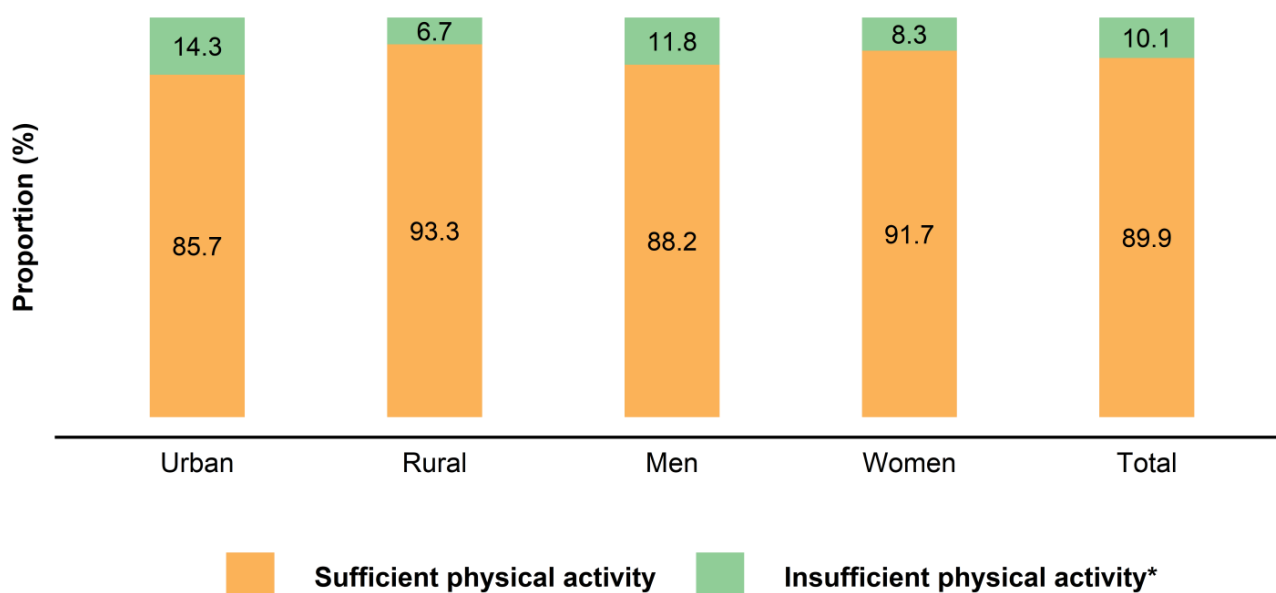
*If an adult consumed more than one meat item, the maximum number of days for any one item was considered

3.6.5.4 - Consumption of preserved/salt curated and fermented products among adults by place of residence and gender

	Urban	Rural	Men	Women	Total
Percentage of consumption	75.5	75.0	74.4	76.0	75.2
Mean number of days of consumption	2.9	3.2	3.0	3.1	3.1

3.6.6 Physical Activity

3.6.6.1 - Levels of physical activity by place of residence and gender (Percentage)



*Insufficient physical activity less than 150 minutes of moderate – intensity physical activity per week OR <75 minutes of vigorous – intensity physical activity per week OR an equivalent combination of moderate – and vigorous intensity physical activity accumulating at least 600 MET minutes per week

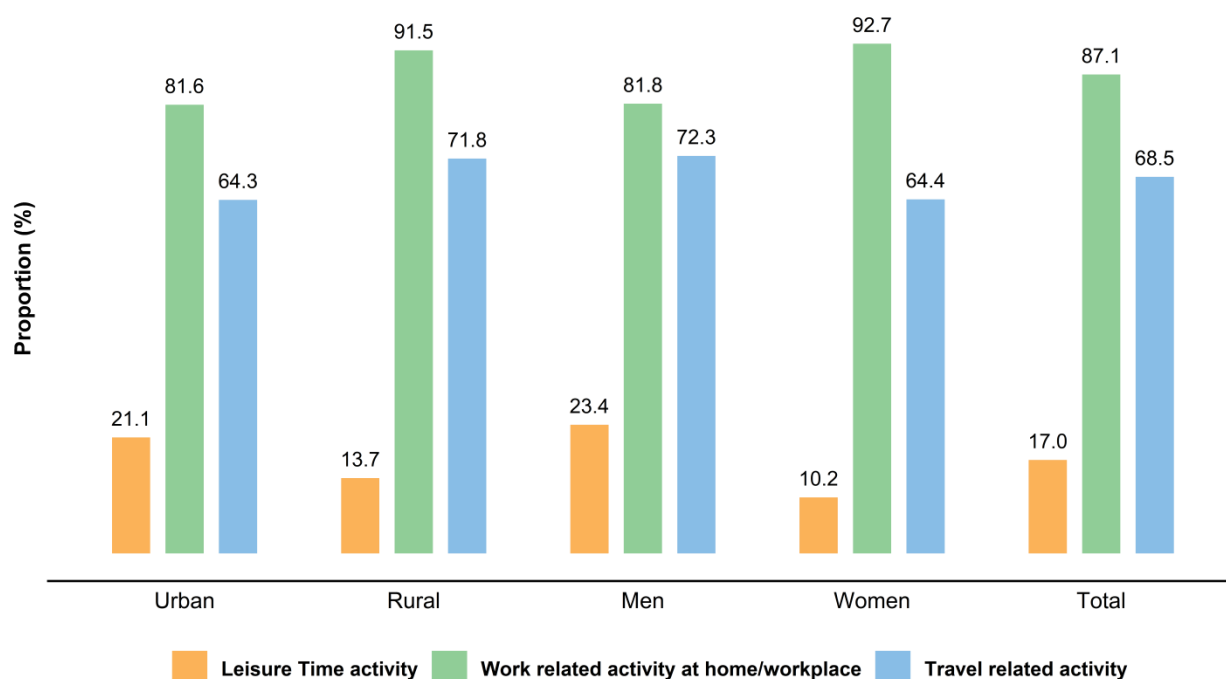
3.6.6.2 - Nature of physical activity in which the participants are engaged by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Routine work at home/workplace					
Vigorous-intensity activity*	19.2	47.9	43.2	26.6	35.1
Moderate intensity activity**	77.5	83.1	69.9	91.9	80.6
Recreational/leisure activities					
Vigorous-intensity activity	4.4	5.9	9.7	0.6	5.2
Moderate intensity activity	19.2	10.7	18.7	10.0	14.5

* An activity which requires hard physical effort, and causes one to breathe much harder than normal.

** An activity that requires moderate physical effort and causes one to breathe somewhat harder than normal.

3.6.6.3 -Proportion of work, transport and leisure activity contributing to total activity by place of residence and gender (Percentage)



3.6.6.4 - Received Advice to increase physical activity by doctor/health worker in the last one year by age category, place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
18- 44 Years	8.9	8.0	7.8	8.9	8.4
45 – 69 Years	11.8	8.2	11.2	8.3	9.8
70 and above	9.5	6.3	9.3	6.1	7.7
18+ years	9.6	8.0	8.8	8.7	8.7

3.6.7 High risk behaviour and Sexually Transmitted Infections

3.6.7.1 - Responses to questions on sexual behaviour by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Responded	63.1	61.0	59.3	64.6	61.9

3.6.7.2 - Age at first sexual intercourse by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
<15 Years	0.7	0.8	0.1	1.4	0.8
15 – 19 Years	24.1	31.6	12.8	43.1	28.2
20 -24 Years	37.9	39.1	38.4	38.7	38.5
> 25 Years	37.3	28.4	48.7	16.9	32.5

3.6.7.3 - Number of sexual partners by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Single sexual partner	77.4	82.2	75.9	84.5	80.1
Multiplesexual partner*	2.9	3.3	4.9	1.3	3.1

*Two or more sexual partners

3.6.7.4 - Mean age at first sexual intercourse by place of residence and gender (Mean)

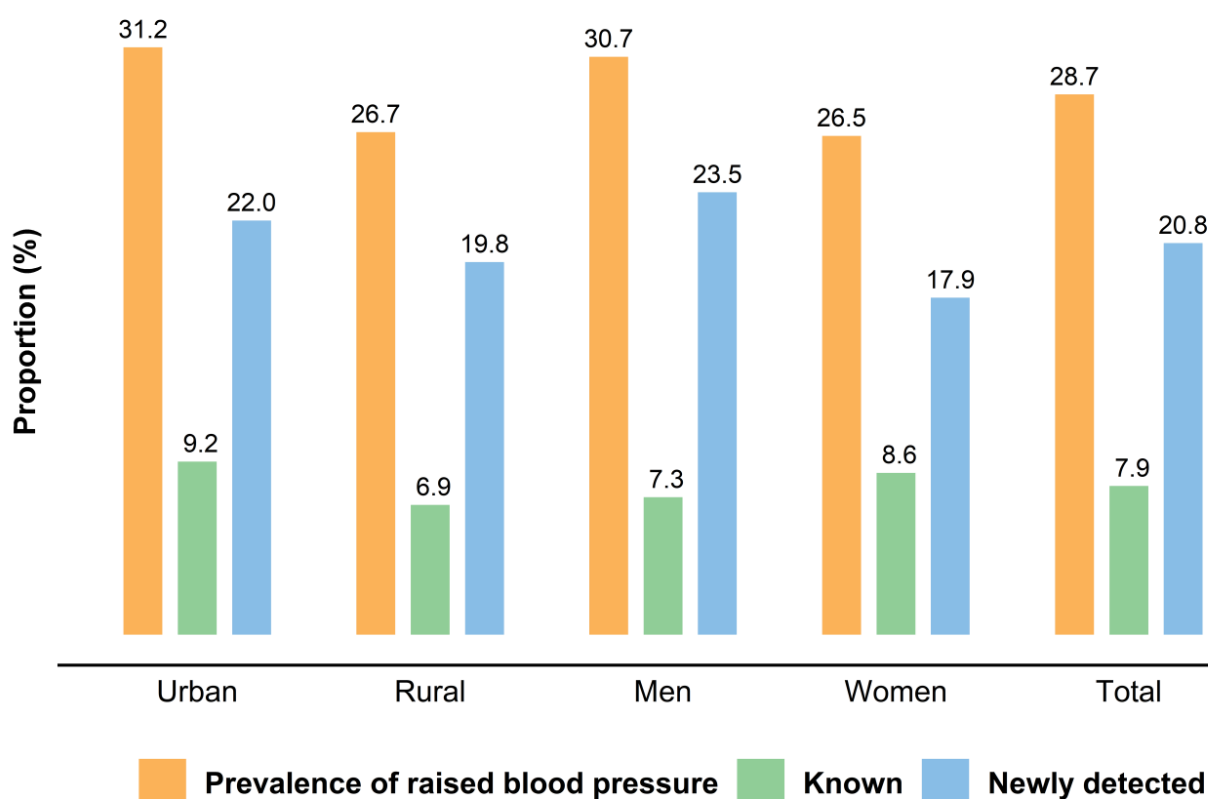
The mean age at first sexual intercourse was 22.6 years, which was slightly lower among women (20.9 years) than men (24.5 years)

3.6.7.5 - High risk behaviour and Sexually Transmitted Infection (STI) among adults by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Ever had STI	0.4	0.8	0.3	1.1	0.7
Type of symptoms					
Urethral /vaginal discharge	51.3	48.9	28.8	54.6	49.6
Blisters or ulcers (sores) on the mouth, lips, genitals, anus, or surrounding area	6.4	8.8	19.7	5.2	8.1
Burning or pain during urination	45.4	50.1	81.8	40.6	48.7
Warts or bumps on the genitals, anus, or surrounding areas	0.8	5.0	1.3	4.3	3.7
Small, dimpled bumps or lesions on the skin	14.1	17.9	7.2	19.1	16.7

3.7 Blood Pressure Measurement

3.7.1 - Raised Blood Pressure *by place of residence and gender (Percentage)



*Raised Blood Pressure – Systolic BP ≥ 140 and/or diastolic blood Pressure ≥ 90

3.7.2- Blood Pressure Categories among those measured by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Normal	20.7	23.2	15.8	28.7	22.1
Pre - Hypertension	50.4	51.9	55.1	47.2	51.2
Hypertension – Stage 1	20.8	18.1	21.2	17.3	19.3
Hypertension – Stage 2	8.1	6.8	7.9	6.8	7.4

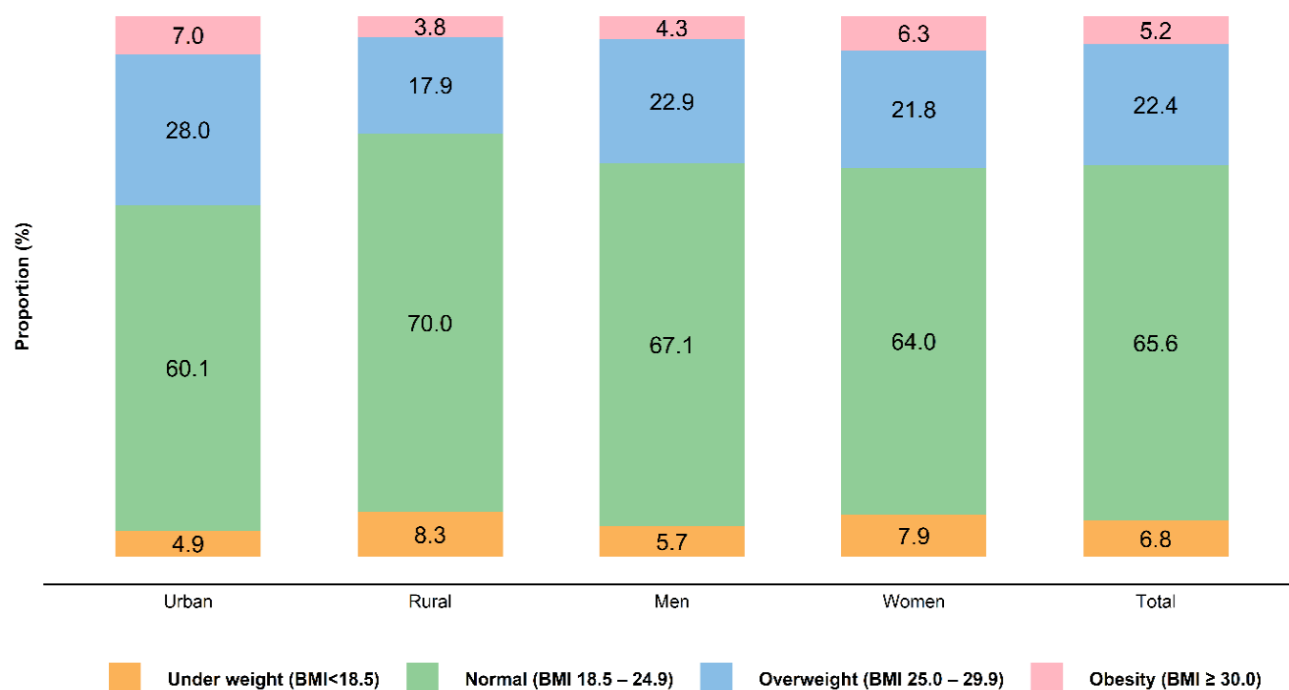
** Normal-(SBP <120, DBP<80); Pre – hypertension (SBP: 120-139, DBP: 80-89);

Hypertension Stage 1(SBP:140 -159, DBP:90-99); Hypertension Stage 2(SBP≥160; DBP≥100) among measured.

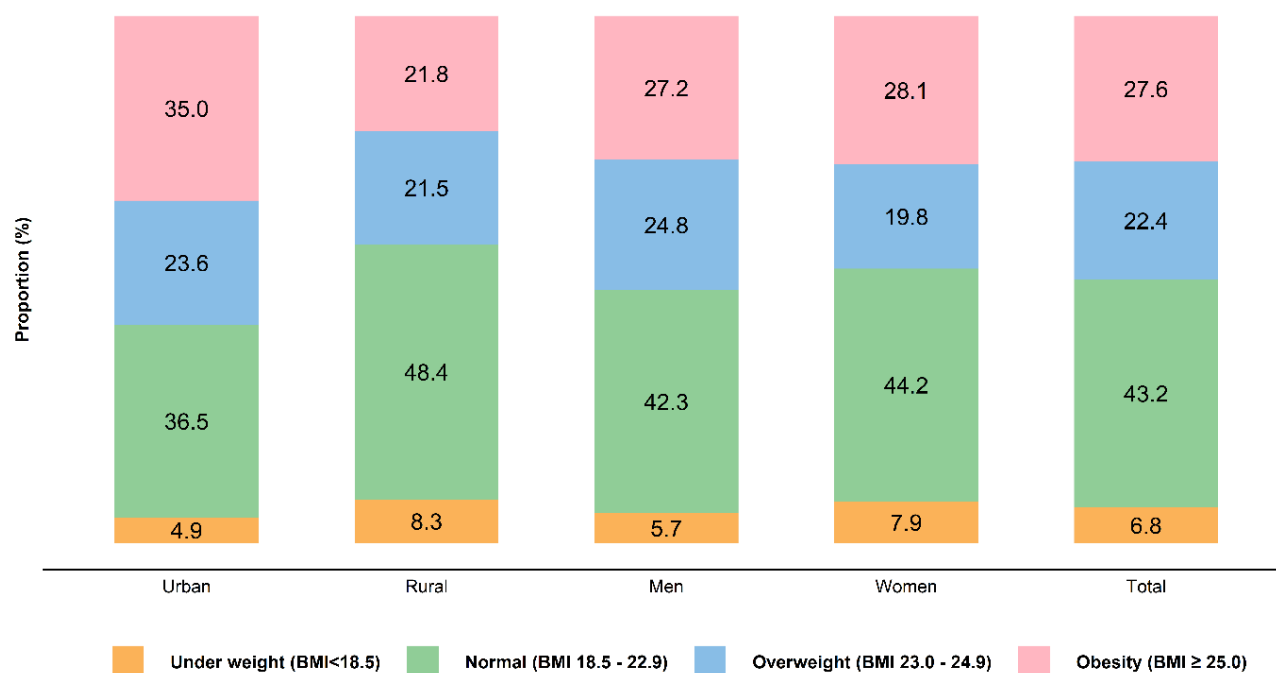
3.8 Physical Measurement

3.8.1 - BMI categories based on WHO and Asian cut off by place of residence and gender (Percentage)

3.8.1 (a) - BMI categories (WHO cut off) by area of residence and gender (Percentage)



3.8.1 (b) - BMI categories (Asian cut off) by area of residence and gender (Percentage)



3.8.2 - Prevalence of Overweight (including obesity) and Obesity by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Overweight (BMI ≥ 25.0)	35.0	21.8	27.2	28.1	27.6
Obese (BMI ≥ 30.0)	7.0	3.8	4.3	6.3	5.2

3.8.3 - Central Obesity* by age categories, place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
18- 44 Years	41.8	33.1	19.3	55.6	37.0
45 – 69 Years	53.9	37.3	29.0	62.8	44.8
70 and above	40.0	32.4	24.5	47.0	35.7
18+ years	44.8	34.1	22.0	57.0	38.9

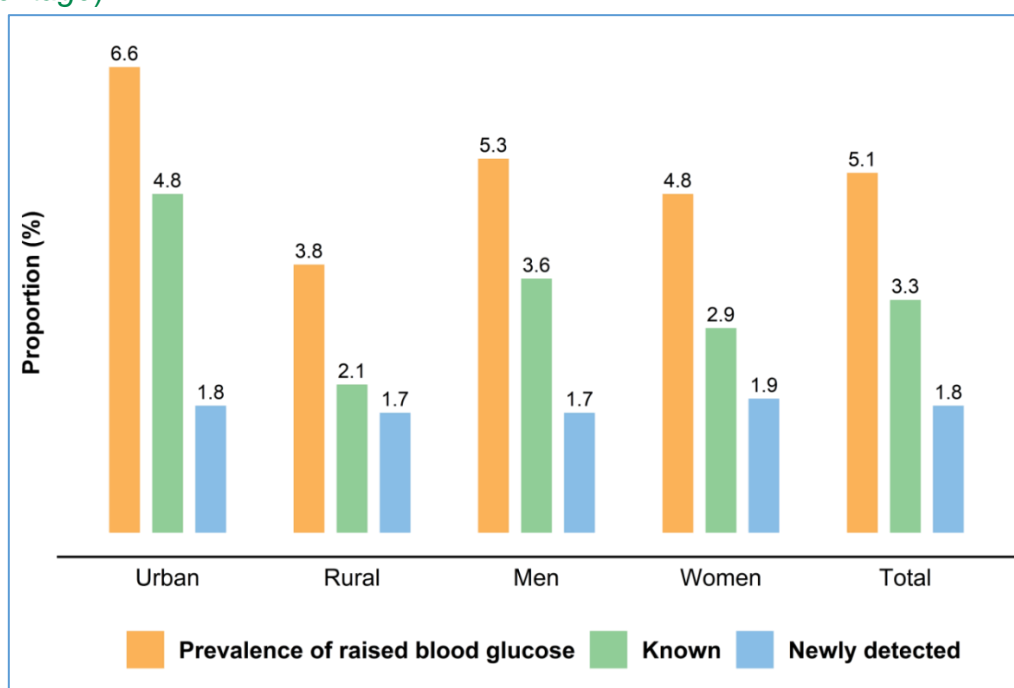
* A waist circumference of ≥90cm in males and ≥80cm in females (as per South Asia Pacific Guidelines)

3.8.4 - Received Advice to maintain healthy body weight by doctor or health worker in the last one year by age category, place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
18- 44 Years	9.5	6.1	7.9	7.3	7.6
45 – 69 Years	11.6	6.7	9.7	8.0	8.9
70 and above	7.7	7.0	8.9	5.7	7.3
18+ years	10.0	6.2	8.4	7.4	7.9

3.9 Blood Glucose Measurement

3.9.1 - Raised fasting blood glucose levels (mg/dl) by place of residence and gender (Percentage)



*Raised fasting blood glucose - ≥ 126 mg/dl including those on medication for diabetes

3.9.2 - Fasting blood glucose levels (mg/dl) among those measured by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
<100 mg/dl	88.9	90.5	89.5	90.0	89.8
100 – 109 mg/dl	4.0	4.2	4.1	4.2	4.1
110 – 125 mg/dl	2.8	2.6	2.8	2.6	2.7
≥ 126 mg/dl	4.3	2.7	3.6	3.2	3.4

3.10 Clustering of risk factors

Clustering of at least ≥ 3 risk factors* among adults by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
18- 44 Years	30.7	21.0	31.8	18.5	25.3
	(28.6-32.9)	(19.1-22.9)	(29.7-34.0)	(16.9-20.3)	(23.8-26.7)
45 – 69 Years	52.6	38.4	48.2	40.8	44.8
	(49.5-55.6)	(36.0-40.8)	(45.9-50.6)	(37.6-44.1)	(42.7-46.8)
70 and above	58.6	50.8	58.0	50.4	54.2

	(51.3-65.5)	(45.2-56.4)	(52.0-63.7)	(43.9-56.9)	(49.6-58.6)
18+ years	37.3	26.5	37.1	25.2	31.3
	(35.2-39.4)	(24.7-28.3)	(35.2-39.0)	(23.4-27.0)	(29.9-32.7)

**Clustering of risk factors – Presence of ≥ 3 risk factors like daily tobacco use, inadequate fruits and/or vegetable consumption, insufficient physical activity, overweight (≥ 25.0 Kg/m²), raised blood pressure and raised fasting blood glucose including those on medication.*

3.11 Health Seeking Behaviour and Management Indicators

3.11.1 Blood Pressure

3.11.1.1 - Measurement of blood pressure by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Never measured in life	21.9	32.1	33.1	21.7	27.6
Measured ever in life	78.1	67.9	66.9	78.3	72.4
Within past 1 year	59.4	45.1	46.1	57.0	51.4
> 1 year	18.7	22.9	20.7	21.3	21.0

3.11.1.2 - Awareness, advice on treatment, adherence to treatment and control of blood pressure among those with raised blood pressure* by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Received advice for treatment	84.6	75.9	80.7	80.1	80.4
On treatment*	55.5	39.1	47.0	48.1	47.6
Adherence to treatment**	45.3	28.6	37.1	37.4	37.3
Blood pressure under control ***	27.0	26.2	24.1	28.8	26.6

** Taken medication for at least one day in the last two weeks*

***Among those on treatment, consistently took treatment as prescribed over the last two weeks*

****Among those who known to have raised blood pressure*

3.11.1.3 - Source of measurement and current treatment for raised blood pressure by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Source of measurement of blood pressure*					
Government screening camp/Health facility	51.0	74.0	61.4	62.8	62.2
Private/NGO screening camp/Health facility	49.0	26.0	38.6	37.2	37.8
Current source of consultation for raised blood pressure					
Allopathic doctor from Public sector	37.9	42.6	38.2	42.0	40.2
Allopathic doctor from Private/ NGO health facility	37.1	15.5	27.7	25.8	26.7

*Among those who got it measured in the last 1 year

3.11.1.4 - Received advice to check blood pressure by doctor/health worker in the last one year by age category, place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
18- 44 Years	66.7	56.4	54.4	67.6	60.9
45 – 69 Years	75.4	62.7	66.1	71.1	68.4
70 and above	80.8	70.4	74.3	75.5	74.9
18+ years	69.4	58.5	58.2	68.8	63.3

3.11.2 Raised Blood Glucose

3.11.2.1 - Measurement of blood glucose by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Never measured in life	53.3	65.1	66.2	53.2	59.9
Measured ever in life	46.7	34.9	33.8	46.8	40.1
Measured in the past					
Within 1 year	32.1	20.1	21.6	29.5	25.4
> 1 year	14.6	14.8	12.2	17.3	14.7

3.11.2.2 - Awareness, advice and on treatment, adherence to treatment and control of blood glucose among those with raised blood glucose* by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Received advice for treatment	89.9	78.7	83.3	89.4	86.0
On treatment*	69.0	55.1	61.3	67.7	64.1
Adherence to treatment**	60.0	47.0	52.0	59.8	55.4
Blood glucose under control ***	49.3	54.9	47.6	56.0	51.3

* Taken medication for at least one day in the last two weeks

**Among those on treatment, consistently took treatment over the last two weeks

***Among those who are already aware that they have raised blood glucose, (Fasting Blood Glucose level \leq 126 mg/dl)

3.11.2.3 - Source of measurement and current consultation for raised blood glucose by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Source of measurement of blood glucose*					
Government screening camp/Health facility	49.7	74.5	57.6	62.9	60.6
Private/NGO screening camp/Health facility	50.3	25.5	42.4	37.1	39.4
Current consultation for raised blood glucose					
Allopathic doctor from Public sector	42.2	41.2	38.8	45.8	41.9
Allopathic doctor from Private/ NGO health facility	40.1	28.6	35.9	36.2	36.0

*Among those who got it measured in the last 1 year

3.11.2.4 - Advised to check blood glucose by doctor/health worker in the last one year by age category, place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
18- 44 Years	37.5	28.8	26.0	39.5	32.7
45 – 69 Years	56.6	36.2	43.5	47.5	45.4
70 and above	63.9	43.8	51.7	53.3	52.5
18+ years	43.3	31.2	31.5	42.0	36.6

3.12 Cancer Screening

3.12.1 - Level of awareness and source of information about cancer screening by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Awareness levels by age groups					
18- 29 Years	26.2	21.2	22.4	24.3	23.4
30 – 49 Years	33.1	20.1	25.4	26.3	25.9
50- 69 Years	28.6	18.2	24.7	20.7	22.8
70 and above	22.8	12.9	18.5	15.8	17.1
18+ years	30.2	19.7	24.4	24.4	24.4
Source of information*					
TV/Newspaper/social media	84.6	75.0	84.1	76.3	80.3
Friends/family	84.6	78.6	81.1	82.7	81.9
Health worker	57.9	58.2	58.8	57.3	58.0
Health awareness camps	29.9	20.4	27.9	23.3	25.7

*Among those who are aware of cancer screening.

3.12.2 - Adults who had ever undergone oral/breast/cervical cancer screening by place of residence (Percentage)

	Urban	Rural	Total
Cervical cancer	1.7	0.5	1.0
Breast cancer*	1.5	0.4	0.9
Oral cancer	0.6	0.2	0.4

*Among women more than 30 years of age

3.12.3 - Methods of breast cancer screening by place of residence (Percentage)

Screening for breast cancer	Urban	Rural	Total
Forms of screening*			
Only clinical breast examination by doctor / health care professional	93.8	50.7	82.7
Only Ultrasound of breast or mammogram	45.6	38.3	43.8
Performed breast self-examination	49.7	34.3	45.7

*Among those who reported to have undergone breast cancer screening ever in life.

3.12.4 - Methods of Cervical cancer screening by place of residence (Percentage)

	Urban	Rural	Total
VIA	2.2	20.1	17.2
PAP	83.0	59.1	82.8
HPV-DNA	0.0	5.4	1.4
Others	0.0	2.6	0.7

*Among those who reported to have undergone cervical cancer screening ever in life.

3.12.5 - Received advice to screen for cancer by doctor/health worker in the last one year by place of residence and gender (Percentage)

	Urban	Rural	Men	Women	Total
Oral Cancer	0.6	0.2	0.3	0.4	0.3
Breast Cancer*	1.5	0.8	0.0	1.1	1.1
Cervical Cancer*	2.0	0.4	0.0	1.1	1.1

*Among women respondents

C. Health Facility Assessment

3.13 Public Primary Health Care Centres*

3.13.1 - Infrastructure and type of available services

	Urban (n=35)	Rural (n =186)	Total(N=221)
Types of services			
Outpatient services	33 (94.3)	182 (97.8)	215 (97.3)
In patient services	12 (34.3)	121 (65.1)	133 (60.2)
Emergency services	21 (60.0)	147 (79.0)	168 (76.0)
Availability of functional Telephone facility	14 (100.0)	60 (96.8)	74 (97.4)
Availability of ambulance facility¹	14 (40.0)	123 (66.1)	137 (62.0)
Electricity and Functional electricity back up	20 (57.1)	129 (69.4)	149 (7.4)

* First point of contact with a qualified doctor in the public sector, providing preventive, promotive and curative health care.

¹ Includes ambulance owned by health center, centralised ambulance services, outsourced and hired as and when required

3.13.2 - Availability of cancer related services

	Urban (n=35)	Rural (n =186)	Total(N=221)
Written standard treatment guidelines under NPCDCS availability	19 (54.3)	79 (42.5)	98 (44.3)
Cancer screening availability			
Oral Cancer	12 (34.3)	49 (26.3)	61 (27.6)
Cervical Cancer	9 (25.7)	36 (19.4)	45 (20.4)
Breast Cancer	14 (40.0)	47 (25.3)	61 (27.6)
All three cancers	7 (20.0)	35 (18.8)	42 (19.0)
Method of screening cancer			
Organized Screening*	7 (20.0)	31 (16.7)	38 (17.2)
Opportunistic screening**	3 (8.6)	19 (10.2)	22 (10.0)
Place of referral of patients found positive after screening			
CHC	0 (0.0)	4 (2.2)	4 (1.8)
DH	8 (22.9)	33 (17.7)	41 (18.6)
Tertiary Care Hospital	6 (17.1)	12 (6.5)	18 (8.1)
Private Health facility	0 (0.0)	1 (0.5)	1 (0.5)
Availability of Physiotherapy facility	2 (5.7)	7 (3.8)	9 (4.1)

* Systematic screening of all persons in a defined target group

** A person's participation results from a referral made by a healthcare provider or based on their own choice.

3.13.3 - Counselling facilities for risk behaviour

	Urban (n=35)		Rural (n =186)		Total(N=221)	
	In house	In Vicinity	In house	In Vicinity	In house	In Vicinity
Availability of Counselling facilities for risk behaviour through counsellor or specialised personnel*						
Tobacco cessation	9 (25.7)	6 (17.1)	65 (34.9)	24 (12.9)	74 (33.5)	30 (13.6)
Dietary Modification	10 (28.6)	4 (11.4)	49 (26.3)	20 (10.8)	59 (26.7)	24 (10.9)
Physical Activity	9 (25.7)	4 (11.4)	44 (23.7)	17 (9.1)	53 (24.0)	21 (9.5)
Alcohol Cessation	11 (31.4)	4 (11.4)	62 (33.3)	24 (12.9)	73 (33.0)	28 (12.7)

*Available in-house and in vicinity (within 5 km)

3.13.4 - Availability of IEC material on cancer

	Urban (n=35)	Rural (n =186)	Total
IEC materials related to Cancer displayed/available in the patient waiting room/outpatient department			
Posters	27 (77.1)	109 (58.6)	136 (61.5)
Videos	3 (8.6)	5 (2.7)	8 (3.6)
Pamphlets	11 (31.4)	61 (32.8)	72 (32.6)
Booklets	10 (28.6)	26 (14.0)	36 (16.3)

3.13.5 Availability of Human Resources

Staff	Urban (n=35)		Rural (n =186)		Total(N=221)	
	Proportion of facilities reporting the availability of Human Resources	Proportion trained for NPCDCS/ NHM (NCD related)/State program	Proportion of facilities reporting the availability of Human Resources	Proportion trained for NPCDCS/NHM (NCD related)/State program	Proportion of facilities reporting the availability of Human Resources	Proportion trained for NPCDCS/ NHM (NCD related)/State program
Medical Officer (MBBS)	34 (97.1)	19 (54.3)	168 (90.3)	76 (40.9)	202 (91.4)	95 (43.0)
AYUSH Medical Officer	12 (34.3)	6 (17.1)	81 (43.5)	14 (7.5)	93 (42.1)	20 (9.0)
Staff Nurse	31 (88.6)	11 (31.4)	172 (92.5)	40 (21.5)	203 (91.9)	51 (23.1)
Auxiliary Nurse Midwife (ANM)	8 (22.9)	1 (2.9)	65 (34.9)	14 (7.5)	73 (33.0)	15 (6.8)
Lady Health Visitor/ Female Health Assistant/PHN	12 (34.3)	0 (0.0)	48 (25.8)	2 (1.1)	60 (27.1)	2 (0.9)
Male Health Assistant	26 (74.3)	3 (8.6)	124 (66.7)	21 (11.3)	150 (67.9)	24 (10.9)
Accountant cum data entry operator	34 (97.1)	2 (5.7)	148 (79.6)	22 (11.8)	182 (82.4)	24 (10.9)
Pharmacist	31 (88.6)	3 (8.6)	147 (79.0)	25 (13.4)	178 (80.5)	28 (12.7)
Lab Technician	6 (17.1)	1 (2.9)	42 (22.6)	3 (1.6)	48 (21.7)	4 (1.8)
Health educator	16 (45.7)	1 (2.9)	86 (46.2)	25 (13.4)	102 (46.2)	26 (11.8)
Cold Chain & Vaccine Logistic Assistant	26 (74.3)	3 (8.6)	146 (78.5)	18 (9.7)	172 (77.8)	21 (9.5)

3.13.6 Availability of Laboratory procedures and equipment & supplies

	Urban (n=35)	Rural (n =186)	Total(N=221)
Availability of Laboratory ¹			
Routine investigations ²	34 (97.1)	165 (88.7)	199 (90.0)
Cancer screening ³	8 (22.9)	27 (14.5)	35 (15.8)
Equipment & supplies available in stock			
General ⁴	35 (100.0)	184 (98.9)	219 (99.1)
Cancer screening ⁵	26 (74.3)	133 (71.5)	159 (71.9)

1. Includes generally available in house, free of cost; generally available in house, on payment; and outsourced, but paid for by the program
2. Includes blood glucose, urine routine, haemoglobin and total leucocyte count
3. For cervical cancer screening: Visual Inspection with Acetic Acid (VIA)
4. Includes availability of at least one of each adult weighing scale, Stadiometer/Wall markings for height, Measuring tape, Stethoscope, B.P Apparatus and Glucometer
5. Includes availability of both Vaginal Speculum (Cusco's and Sims) and Torch / Examination light

3.14 Public Secondary Health Care Facilities

3.14.1 - Infrastructure and available services

	CHC (n=98)	DH(n=42)
Location		
Rural	62 (63.3)	8 (19.0)
Urban	36 (36.7)	34 (81.0)
Types of services		
Outpatient services	97 (99.0)	42 (100.0)
In patient services	87 (88.8)	41 (97.6)
Emergency services	92 (93.9)	41 (97.6)
Intensive Care Unit (ICU) or Cardiac Care Unit	4 (4.1)	17 (40.5)
Availability of functional Telephone facility	48 (49.0)	23 (54.8)
Availability of ambulance facility¹	93 (94.9)	39 (92.9)
Electricity and Functional electricity back up	93 (94.9)	41 (97.6)

¹ Includes ambulance owned by health center, centralised ambulance services, outsourced and hired as and when required

3.14.2 - Availability of Cancer related services

	CHC (n=98)	DH(n=42)
Written standard treatment guidelines under NPCDCS availability	62 (78.5)	24 (80.0)
Cancer screening availability		
Oral Cancer	21 (21.4)	17 (40.5)
Cervical Cancer	20 (20.4)	16 (38.1)
Breast Cancer	21 (21.4)	16 (38.1)
All three cancers	20 (20.4)	15 (35.7)
Method of detecting cancer		
Organised Screening	9 (9.2)	10 (23.8)
Opportunistic screening	11 (11.2)	13 (31.0)
Management of patients with Cancer		
Fixed days/day in a week	3 (3.1)	4 (9.5)
Seen daily, no dedicated day	14 (14.3)	12 (28.6)
All are referred/Not managed	5 (5.1)	2 (4.8)
Availability of Day care facility for management of cancer patients (for Chemotherapy)	6 (6.7)	9 (24.3)

3.14.3 - Availability of Counselling facilities for risk behaviour and Cancer related IEC materials

	CHC (n=98)	DH(n=42)
Availability of Counselling facilities for risk behaviour through counsellor or specialised personnel*		
Tobacco cessation	47 (48.0)	31 (73.8)
Dietary Modification	30 (30.6)	23 (54.8)
Physical Activity	25 (25.5)	27 (64.3)
Alcohol Cessation	44 (44.9)	28 (66.7)
IEC materials related to Cancer displayed/available in the patient waiting room/outpatient department		
Posters	77 (78.6)	29 (69.0)
Videos	3 (3.1)	7 (16.7)
Pamphlets	41 (41.8)	23 (54.8)
Booklets	25 (25.5)	17 (40.5)
Others	1 (1.0)	1 (2.4)

*Available in-house and in vicinity(within 5 km)

3.14.4 - Availability of Human Resources (Medical Staff)

	CHC (n=98)		DH(n=42)	
	Proportion of facilities reporting the availability of Human Resources	Proportion trained for NPCDCS/NHM (NCD related)/State program	Proportion of facilities reporting the availability of Human Resources	Proportion trained for NPCDCS/NHM (NCD related)/State program
Medicine	39 (39.8)	17 (17.3)	34 (81.0)	23 (54.8)
Surgery	17 (17.3)	3 (3.1)	24 (57.1)	9 (21.4)
Gynaecology	36 (36.7)	9 (9.2)	32 (76.2)	16 (38.1)
Radiology	21 (21.4)	5 (5.1)	23 (54.8)	5 (11.9)
Pathology	30 (30.6)	8 (8.2)	26 (61.9)	9 (21.4)
General duty Medical Officer	97 (99.0)	46 (46.9)	39 (92.9)	20 (47.6)
AYUSH	69 (70.4)	22 (22.4)	34 (81.0)	8 (19.0)
Paediatrics	27 (27.6)	2 (2.0)	30 (71.4)	11 (26.2)

3.14.5 - Availability of Human Resources (paramedical / other Staff)

	CHC (n=98)		DH(n=42)	
	Proportion of facilities reporting the availability of Human Resources	Proportion trained for NPCDCS/NHM (NCD related)/State program	Proportion of facilities reporting the availability of Human Resources	Proportion trained for NPCDCS/NHM (NCD related)/State program
Staff Nurse	98 (100.0)	54 (55.1)	41 (97.6)	20 (47.6)
Pharmacist	97 (99.0)	13 (13.3)	39 (92.9)	8 (19.0)
Lab Technician	95 (96.9)	19 (19.4)	41 (97.6)	14 (33.3)
Physiotherapist	19 (19.4)	6 (6.1)	30 (71.4)	10 (23.8)
Radiographer	58 (59.2)	5 (5.1)	33 (78.6)	3 (7.1)
O.T technician	12 (12.2)	0 (0.0)	19 (45.2)	4 (9.5)
Social worker	13 (13.3)	3 (3.1)	14 (33.3)	6 (14.3)
Data Entry Operator	63 (64.3)	16 (16.3)	33 (78.6)	8 (19.0)
Rehabilitation therapist	0 (0.0)	0 (0.0)	4 (9.5)	0 (0.0)
Counsellor	50 (51.0)	14 (14.3)	31 (73.8)	8 (19.0)
Others	65 (66.3)	53 (54.1)	29 (69.0)	23 (54.8)

3.14.6 - Availability of prevention/treatment procedures

	CHC (n=98)	DH(n=42)
General surgical procedures	25 (25.5)	26 (61.9)
Laparoscopic procedures	16 (16.3)	14 (33.3)
Radiotherapy	6 (6.1)	5 (11.9)
Palliative care	19 (19.4)	12 (28.6)

3.14.7- Availability of prevention/treatment procedures, laboratory and Equipment & supplies in Public Secondary Health Care facilities (Percentage)

	CHC (n=98)	DH(n=42)
Laboratory and other investigations¹		
Routine blood investigations²	98 (100.0)	41 (97.6)
Biochemistry³	97 (99.0)	40 (95.2)
Cardiac investigations⁴	36 (36.7)	29 (69.0)
Radiology⁵	68 (69.4)	35 (83.3)
Endoscopy⁶	0 (0.0)	11 (26.2)
Histopathology	5 (5.1)	9 (21.4)
Cervical cancer screening⁷	8 (8.2)	14 (33.3)
Available equipment in stock		
Essential⁸	71 (72.4)	33 (78.6)
Imaging⁹	3 (3.1)	15 (35.7)
Cardiopulmonary¹⁰	1 (1.0)	7 (16.7)
Dental¹¹	70 (71.4)	35 (83.3)
Laboratory¹²	21 (21.4)	15 (35.7)
Cancer screening¹³	3 (3.1)	8 (19.0)

1. Includes Generally available in house, free of cost; Generally available in house, on payment; and Outsourced, but paid for by the program
2. Includes Haemoglobin, Total Leucocyte count
3. Includes blood glucose, Kidney function test and Liver function test
4. Includes ECG
5. Includes X ray, Low frequency USG, High frequency USG, Mammography and CT Scan/MRI
6. Includes Endoscopy and Colposcopy
7. Includes Visual Inspection with Acetic acid (VIA)
8. Includes atleast one of each adult weighing scale, Stadiometer/Wall markings for height, Measuring tape, Stethoscope and B.P Apparatus
9. Includes X ray Machine, Ultrasound machine and C.T scan Machine

10. Includes Nebulizer, infusion set, Oxygen mask, Oxygen cylinder, Pulse Oximeter, Laryngoscope, Adult ambu bag, Cardiac monitor, Defibrillator, ECG Machine, ECG roll, 12 Channel stress ECG Tread Mill.
11. Includes Dental mirror and Dental chair.
12. Includes at least one of each Centrifuge, Glucometer, Haemoglobin meter, Biochemical analyser, Lancets, Glucostrips, Urine strips, Microscope and Reagents/ kits for Glucose test
13. Includes Vaginal speculum (Cusco's and sims), Cotton tipped swabs, Punch biopsy forceps, Colposcope, Laryngoscope and Torch / Examination light.

3.15 Private Secondary Health Care Facility

3.15.1 - Infrastructure and available services

	Urban (n =67)	Rural (n=9)	Total (n =76)
	Types of services		
Outpatient services	65 (97.0)	9 (100.0)	74 (97.4)
In patient services	66 (98.5)	8 (88.9)	74 (97.4)
Emergency services	58 (86.6)	9 (100.0)	67 (88.2)
Intensive Care Unit	37 (55.2)	4 (44.4)	41 (53.9)
	Cancer screening availability		
Oral Cancer	13 (19.4)	3 (33.3)	16 (21.1)
Cervical Cancer	14 (20.9)	3 (33.3)	17 (22.4)
Breast Cancer	13 (19.4)	3 (33.3)	16 (21.1)
Other Cancers	3 (4.5)	0 (0.0)	3 (3.9)
	Method of detecting cancer		
Organized Screening	6 (9.0)	0 (0.0)	6 (7.9)
Opportunistic screening	15 (22.4)	2 (22.2)	17 (22.4)
Treatment provided for Cancer	27 (40.3)	3 (33.3)	30 (39.5)
Availability of standard treatment guidelines for cancer	27 (40.3)	2 (22.2)	29 (38.2)

3.15.2 - Counselling facilities for risk behaviour and Cancer related IEC materials availability

	Urban (n =67)	Rural (n=9)	Total (n =76)
Availability of Counselling facilities for risk behaviour through counsellor or specialised personnel*			
Tobacco cessation	22 (32.8)	3 (33.3)	25 (32.9)
Dietary Modification	22 (32.8)	2 (22.2)	24 (31.6)
Physical Activity	21 (31.3)	2 (22.2)	23 (30.3)
Alcohol Cessation	20 (29.9)	3 (33.3)	23 (30.3)

*Available in-house and in vicinity (within 5 km)

3.15.3 - IEC materials related to Cancer displayed/available in the patient waiting room/outpatient department

	Urban (n =67)	Rural (n=9)	Total (n =76)
Posters	24 (35.8)	2 (22.2)	26 (34.2)
Videos	3 (4.5)	1 (11.1)	4 (5.3)
Pamphlets	18 (26.9)	2 (22.2)	20 (26.3)
Booklets	10 (14.9)	2 (22.2)	12 (15.8)

3.15.4 - Availability of Human Resources

Staff	Urban (n =67)	Rural (n=9)	Total (n =76)
Medical Officer (MBBS and above)	66 (98.5)	9 (100.0)	75 (98.7)
Specialist*	37 (55.2)	5 (55.6)	42 (55.3)
Staff Nurse	65 (97.0)	8 (88.9)	73 (96.1)
Lab Technician	66 (98.5)	7 (77.8)	73 (96.1)
Radiographer	58 (86.6)	6 (66.7)	64 (84.2)
Medical imaging and therapeutic equipment technicians	31 (46.3)	3 (33.3)	34 (44.7)
Radiation therapy technologist	8 (11.9)	1 (11.1)	9 (11.8)
Counselor/ dietician/ educator/ care coordinator	25 (37.3)	2 (22.2)	27 (35.5)
Others	31 (46.3)	3 (33.3)	34 (44.7)

*Includes Physician/Surgeon/ Oncosurgeon/ Medical oncologist/ Haematologist/ Radiologist/ Nuclear medicine/ Medical physicist/ Radiation Oncologist/Palliative care Physician

3.15.5 - Availability of prevention/treatment procedures

	Urban (n =67)	Rural (n=9)	Total (n =76)
General surgical procedures	61 (91.0)	7 (77.8)	68 (89.5)
Laparoscopic procedures	51 (76.1)	5 (55.6)	56 (73.7)
Radiotherapy	12 (17.9)	1 (11.1)	13 (17.1)
Chemotherapy	22 (32.8)	4 (44.4)	26 (34.2)
Palliative care	22 (32.8)	3 (33.3)	25 (32.9)

3.15.6 - Availability of prevention/treatment procedures, laboratory and Equipment & supplies

	Urban (n =67)	Rural (n=9)	Total (n =76)
Laboratory and other investigations¹			
Routine blood investigations²	67 (100.0)	7 (77.8)	74 (97.4)
General pathology³	21 (31.3)	2 (22.2)	23 (30.3)
Biochemistry⁴	67 (100.0)	8 (88.9)	75 (98.7)
Cardiac investigations⁵	62 (92.5)	5 (55.6)	67 (88.2)
Radiology⁶	62 (92.5)	7 (77.8)	69 (90.8)
Nuclear Imaging⁷	2 (3.0)	0 (0.0)	2 (2.6)
Endoscopy⁸	34 (50.7)	3 (33.3)	37 (48.7)
Cancer	6 (9.0)	1 (11.1)	7 (9.2)
Available Technology			
Essential⁹	56 (83.6)	5 (55.6)	61 (80.3)
Imaging¹⁰	25 (37.3)	3 (33.3)	28 (36.8)
Cardiopulmonary¹¹	4 (6.0)	0 (0.0)	4 (5.3)
Dental¹²	26 (38.8)	3 (33.3)	29 (38.2)
Laboratory¹³	32 (47.8)	3 (33.3)	35 (46.1)

1. Includes Generally available in house, free of cost; Generally available in house, on payment; and Outsourced, but paid for by the program
2. Includes Haemoglobin and Total Leucocyte count ,
3. Includes histopathology, cytopathology, immunohistochemistry, histochemical stains
4. Includes blood glucose, blood chemistry – alkaline, phosphatase, calcium Kidney function test, Liver function test, Serum protein electrophoresis, Immunoassay test, Tumor lysis syndrome panel- LDH. Uric acid, potassium, Calcium, phosphate
5. Includes ECG and Echo
6. Includes X ray, Low frequency USG, High frequency USG, Mammography and CT Scan/MRI
7. Includes Nuclear scan and PET Scan
8. Includes Endoscopy and Colposcopy
9. Includes at least one of each adult weighing scale, Stadiometer/Wall markings for height, Measuring tape, Stethoscope and B.P Apparatus

10. Includes X ray Machine, Ultrasound machine and C.T scan Machine
11. Includes ECG Machine, ECG roll, 12 Channel stress ECG Tread Mill, Diagnostic spirometer, Nebulizer, infusion set, Oxygen mask, Oxygen cylinder, Pulse Oximeter, Laryngoscope, Adult ambu bag, Cardiac monitor and Defibrillator.
12. Includes dental Mirror and Dental Chair.
13. Includes atleast one of each Centrifuge, Glucometer, Haemoglobin meter, Biochemical analyser, Lancets, Glucostrips, Urine strips, Microscope and Reagents/ kits for Glucose testing

D. Profile of adults with cancer

3.16.1 - Number of cancer patients by place of residence and gender

	Urban	Rural	Male	Female	Combined
Number of cancer patients	62	92	78	76	154

3.16.2 - Age at diagnosis and duration of cancer among cancer patients by place of residence and gender (Mean)

	Urban (62)	Rural (92)	Male (78)	Female (76)	Combined (154)
Age at diagnosis	51.3	51.4	52.4	50.3	51.4
Duration of cancer *	55.3	60.5	59.0	57.8	58.4

*months

3.16.3 - Site of cancer and other chronic illness among cancer patients by place of residence and gender (Percentage)

	Urban (62)	Rural (92)	Male (78)	Female (76)	Combined (154)
Site of Cancer					
Oesophagus	2(3.3)	6(6.5)	3(3.9)	5(6.6)	8(5.2)
Lung	4(6.6)	3(3.3)	7(9.1)	0(0)	7(4.6)
Stomach	3(4.9)	2(2.2)	3(3.9)	2(2.6)	5(3.3)
Throat	6(9.8)	22(23.9)	23(29.9)	5(6.6)	28(18.3)
Mouth	4(6.6)	8(8.7)	10(13.0)	2(2.6)	12(7.8)
Cervix	8(13.1)	10(10.9)	0(0.0)	18(23.7)	18(11.8)
Gall bladder	1(1.6)	0(0.0)	0(0.0)	1(1.3)	1(0.7)
Breast	14(22.6)	9(9.8)	3(3.8)	20(26.3)	23(14.9)
Diagnosed with co-morbidity					
Type of comorbidity					
Tuberculosis	3(4.8)	0(0.0)	3(3.8)	0(0.0)	3(1.9)
Kidney failure	0(0.0)	2(1.3)	1(1.3)	1(1.3)	2(1.3)
Diabetes Mellitus	7(11.3)	2(2.2)	3(3.8)	6(7.9)	9(5.8)
Heart Failure	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)
Stroke	0(0.0)	1(1.1)	1(1.3)	0(0.0)	1(0.6)
Others	1(1.6)	6(6.5)	2(2.6)	5(6.6)	7(4.5)

3.16.4 - Type of health facility or health care provider from where cancer care was taken among those who sought treatment by place of residence and gender (Percentage)

	Urban (62)	Rural (92)	Male (78)	Female (76)	Combined (154)
Type of health facility / health care provider					
Within the state	41(67.2)	62(72.1)	49(66.2)	54(74.0)	103(70.1)
Outside the state*	20(32.8)	24(27.9)	25(33.8)	19(26.0)	44(29.9)
Govt facility	36(58.1)	62(67.4)	46(59.0)	52(68.4)	98(63.6)
Private facility**	23(37.1)	22(23.9)	26(33.3)	19(25.0)	45(29.2)
Self-healers	3(4.8)	5(5.4)	5(6.4)	3(3.9)	8(5.2)
Alternative form of medicine (AYUSH)	0(0.0)	1(1.1)	0(0.0)	1(1.3)	1(0.6)
Others	1(1.6)	0(0.0)	0(0.0)	1(1.3)	1(0.6)

*Outside the state includes Other states within NER and Outside NER

**Private facility includes within the state, Other states within NER and Outside NER

3.16.5 - Source of finances for cancer treatment among cancer patients by place of residence and gender (Percentage)

	Urban (62)	Rural (92)	Male (78)	Female (76)	Combined (154)
Self-Financing/Taking loan/Sale of assets	13(21.0)	27(29.3)	19(24.4)	21(27.6)	40(26.0)
Family support	11(17.7)	26(28.3)	17(21.8)	20(26.3)	37(24.0)
Health Insurance Schemes/Hospital Incentives	1(1.6)	8(8.7)	6(7.7)	3(3.9)	9(5.8)