



# Sudan STEPS Survey 2016

## Tobacco Fact Sheet

The WHO STEPwise approach to surveillance (STEPS) is a simple, standardized method for collecting, analysing and disseminating data on noncommunicable diseases (NCDs) and risk factors. Data are collected on the established risk factors and NCD conditions that determine the major NCD burden, including tobacco use, harmful use of alcohol, unhealthy diet, insufficient physical activity, overweight and obesity, raised blood pressure, raised blood glucose, and abnormal blood lipids. Data from STEPS surveys can be used by countries to help monitor progress in meeting the global voluntary targets related to specific risk factors such as tobacco, alcohol, diet and physical inactivity. The tobacco indicators from STEPS can be used to evaluate and monitor existing tobacco-control policies and programs. \*

The STEPS survey of noncommunicable disease (NCD) risk factors in Sudan was carried out from February to December 2016. Sudan carried out Step 1, Step 2 and Step 3. Socio demographic and behavioural information was collected in Step 1. Physical measurements such as height, weight and blood pressure were collected in Step 2. Biochemical measurements were collected to assess blood glucose and cholesterol levels in Step 3. Furthermore, urine was collected in one region in Khartoum state only with a sample representative to this region. The survey was a population-based survey of adults aged 18-69. A four stage stratified cluster sampling was used to produce representative data for that age range at country and regional level. The total sample size was 8145 participants; the response rate was 95% in step 1&2 and 88% in step 3. All results were weighted by gender and age. A repeat survey is planned after implementation of updated multi-sectoral action plan 2019-2023 if funds permit.

### Highlights

#### TOBACCO USE

- 17.1% of men, 0.7% of women, and 9.6% overall (1.9 million) were current smokers of tobacco.
- 17.3% of men, 0.2% of women, and 7.9% overall (1.6 million) were current users of smokeless tobacco.
- **Current tobacco users** (smoked and/or smokeless) 27.9 % of men of 0.8 women, and 15.6 % overall

#### CESSATION

- 7 in 10 current smokers tried to stop smoking in the last 12 months.
- 3 in 10 current smokers were advised by a health care provider to stop smoking in the last 12 months

#### SECONDHAND SMOKE

- 22.1% of adults (4.4 million) were exposed to tobacco smoke at the workplace.
- 24.6% of adults (4.9 million) were exposed to tobacco smoke at home.

#### MEDIA

- 5 in 10 adults noticed anti-cigarette smoking information on the television or radio.
- 7 in 10 current smokers thought about quitting because of warning labels on cigarette packages.
- 1 in 10 adults noticed cigarette marketing in stores where cigarettes are sold.
- 1 in 10 adults noticed cigarette promotions.

#### ECONOMICS

- Average monthly expenditure on manufactured cigarettes was 280.6 SDG

Data presented in this fact sheet relate only to select tobacco indicators. Additional information on tobacco or other NCD risk factors from the survey is available from sources listed below.

For additional information, please contact:

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\*Tobacco questions are drawn from the Tobacco Questions for Surveys (TQS)  
<http://www.who.int/tobacco/publications/surveillance/tqs/en/>

Results for adults aged 18-69 years	Overall (95% CI)	Males (95% CI)	Females (95% CI)
<b>Tobacco Use</b>			
<b>Current tobacco users</b> (smoked and /or smokeless) <sup>1</sup>			
Current tobacco users	<b>15.6%</b> (14.1-17.1)	<b>27.9 %</b> (25.2-30.5)	<b>0.8%</b> (0.4-1.2)
Current daily tobacco users	<b>13.3%</b> (12.0-14.6)	<b>24.0%</b> (21.5-26.4)	<b>0.5%</b> (0.3-0.8)
<b>Current tobacco smokers</b>			
Current tobacco smokers	<b>9.6%</b> (8.4-10.9)	<b>17.1%</b> (15.0-19.2)	<b>0.7%</b> (0.3-1.1)
Current cigarette smokers <sup>2</sup>	<b>8.4%</b> (7.4-9.5)	<b>15.2%</b> (13.3-17.2)	<b>0.4%</b> (0.1-0.6)
Current daily tobacco smokers	<b>7.7%</b> (6.7-8.8)	<b>13.8%</b> (11.9—15.7)	<b>0.5%</b> (0.2-0.7)
Current daily cigarette smokers	<b>6.9%</b> (5.9-8.0)	<b>12.6%</b> (10.7-14.4)	<b>0.3%</b> (0.0-0.4)
Average age started tobacco smoking (years)	<b>19.3</b> (18.5-20.1)	<b>19.3</b> (18.5-20-1)	<b>19.5</b> (16.1-22.9)
Average number of cigarettes smoked per day (among daily cigarette smokers)	<b>9.7</b> (8.5-10.8)	<b>9.7</b> (8.5-10.9)	<b>8.4</b> (5.9-11.0)
<b>Current smokeless tobacco users</b>			
Current smokeless tobacco users	<b>7.9%</b> (6.8-9.0)	<b>14.3%</b> (12.2-16.4)	<b>0.2%</b> (0.0-0.3)
Current daily smokeless tobacco users	<b>6.7%</b> (5.8-7.7)	<b>12.3%</b> (10.4-14.1)	<b>0.1%</b> (0.0-0.2)
<b>Current non-users</b> (smoked and/or smokeless) <sup>1</sup>			
Former tobacco users <sup>3</sup>	<b>3.9%</b> (3.3-4.6)	<b>6.8%</b> (5.6-8.0)	<b>0.5%</b> (0.3-0.7)
Former tobacco smokers <sup>4</sup>	<b>5.0%</b> (4.2-5.7)	<b>8.9%</b> (7.4-10.2)	<b>0.3%</b> (0.1-0.4)
Never users	<b>80.5%</b> (78.8-82.2)	<b>65.3%</b> (62.2-68.4)	<b>98.7%</b> (98.2-99.2)
<b>Exposure to Second-hand smoke</b>			
Adults exposed to second-hand smoke at home*	<b>24.6%</b> (22.0-27.3 )	<b>26.5%</b> (23.0-30.1)	<b>22.4%</b> (19.8-24.9)
Adults exposed to second-hand smoke in the closed areas in their workplace*	<b>22.1%</b> (19.3-24.8)	<b>30.4%</b> (26.2-34.5)	<b>12.4%</b> (10.4-14.3)
<b>Tobacco Cessation</b>			
Current smokers who tried to stop smoking in past 12 months	<b>65.0%</b> (59.1-71.0)	<b>65.5%</b> (59.4-71.5)	<b>52.4%</b> (31.1-73.7)
Current smokers advised by a health care provider to stop smoking in past 12 months <sup>5</sup>	<b>33.4%</b> (27.0-40.0)	<b>34.0%</b> (27.3-40.7)	<b>17.0%</b> (3.4-30.7)
<b>Health Warnings</b>			
Current smokers who thought about quitting because of a warning label*	<b>71.7%</b> (64.5 -78.9)	<b>71.8%</b> (64.6-79.0)	<b>65.5%</b> (32.0-99.1)
Adults who noticed anti-cigarette smoking information on the television or radio *	<b>46.0%</b> (42.4-49.7)	<b>49.0%</b> (44.8-53.3)	<b>42.3%</b> (38.5-46.2)

Results for adults aged 18-69 years	Overall (95% CI)	Males (95% CI)	Females (95% CI)
Adults who noticed anti-cigarette smoking information in newspapers or magazines <sup>†</sup>	<b>27.9%</b> (24.6-31.1)	<b>30.9%</b> (27.1-34.6)	<b>24.1%</b> (20.6-27.7)
<b>Tobacco Advertisement and Promotion</b>			
Adults who noticed cigarette marketing in stores where cigarettes are sold <sup>‡</sup>	<b>6.7%</b> (5.5-7.8)	<b>9.3%</b> (7.5-11.1)	<b>3.4%</b> (2.5-4.3)
Adults who noticed any cigarette promotions <sup>‡</sup>	<b>8.2%</b> (7.0-9.3)	<b>10.0%</b> (8.2-11.9)	<b>5.9%</b> (4.7-7.0)
<b>Economics</b>	<b>Local Currency (SDG)</b>		
Average amount spent on 20 manufactured cigarettes	<b>25.6</b> (21.5-29.6)		
Average monthly expenditure on manufactured cigarettes	<b>280</b> (216.7-344.6)		
Cost of 100 packs of manufactured cigarettes as a percentage of per capita Gross Domestic Product (GDP) (WB 2016) <sup>6</sup>	<b>17.3</b> (14.6-20.1)		

1 Current use refers to daily and less than daily use. 2 Includes manufactured cigarettes and hand-rolled cigarettes. Adapted for other products as per country situation. 3 Current non-users. 4 Current non-smokers. 5 Among those who visited a health care provider in past 12 months. 6 [Source and year for per capita GDP]. \* During the past 30 days. † Promotions include free cigarette sample, cigarettes at sale prices, coupons for cigarettes, free gifts upon purchase of cigarettes, clothing or other items with cigarette brand name or logo and cigarette promotions in mail. ‡ Adults refer to persons' age 18-69 years. Data have been weighted to be nationally representative of all men and women age 18-69 years. Technical assistance for the survey was provided by the World Health Organization (WHO).

Exposed to second-hand smoke in home during the past 30 days									
Age Group (years)	Men			Women			Both Sexes		
	n	% Exposed	95% CI	n	% Exposed	95% CI	n	% Exposed	95% CI
18-29	721	29.4	24.2-34.7	1689	23.1	19.7-26.5	2410	26.7	23.0-30.5
30-44	894	25.9	21.5-30.3	1921	20.6	17.9-23.3	2815	23.3	20.4-26.2
45-59	727	21.4	17.2-25.7	1032	23.8	19.8-27.7	1759	22.5	19.4-25.7
60-69	365	19.9	14.7-25.1	373	22.4	16.4-28.3	738	20.9	16.4-25.4
<b>18-69</b>	<b>2707</b>	<b>26.5</b>	<b>23.0-30.1</b>	<b>5015</b>	<b>22.4</b>	<b>19.8-24.9</b>	<b>7722</b>	<b>24.6</b>	<b>22.0-27.3</b>