GATS | GLOBAL ADULT TOBACCO SURVEY

Fact Sheet
Indonesia 2021

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 Indonesia. 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, smokeless, heated tobacco products), electronic cigarette use, cessation, secondhand smoke, economics, media, and knowledge, attitudes, and perceptions towards tobacco use. In Indonesia, GATS was conducted in 2021 as a household survey of persons 15 years of age or older by the National Institute for Health Research and Development (NIHRD) under the coordination of the Ministry of Health. A multi-stage, geographically clustered sample design was used to produce nationally representative data. A total of 10,170 households were sampled and one individual was randomly selected from each participating household to complete the survey. Survey information was collected electronically by using handheld devices. There was a total of 9,156 completed individual interviews with an overall response rate of 94.0%.

GATS Highlights

TOBACCO AND ELECTRONIC CIGARETTE USE

- 34.5% overall (70.2 million adults), 65.5% of men, and 3.3% of women currently used tobacco (smoking, smokeless, or heated tobacco products).
- 33.5% overall (68.9 million adults), 64.7% of men, and 2.3% of women currently smoked tobacco.
- 28.6% overall (58.8 million adults), 55.5% of men, and 1.7% of women currently smoked kretek cigarettes.
- 1.0% overall (2.1 million adults), 0.9% of men, and 1.1% of women currently used smokeless tobacco.
- 0.1% overall (0.3 million adults), 0.3% of men, and 0.0% of women currently used heated tobacco products.
- 3.0% overall (6.2 million adults), 5.8% of men, and 0.3% of women currently used electronic cigarettes.

CESSATION

- 63.4% of current smokers planned to or were thinking about quitting smoking.
- 38.9% of smokers who visited a healthcare provider in the past 12 months were advised to quit smoking.

SECONDHAND SMOKE

- 44.8% of adults who worked indoors (20.3 million adults) were exposed to tobacco smoke in enclosed areas at their workplace.
- 59.3% of adults (121.6 million adults) were exposed to tobacco smoke inside their homes.
- 74.2% of adults (56.1 million adults) were exposed to tobacco smoke when visiting restaurants.

ECONOMICS

- The average (mean) amount spent on 12 kretek cigarettes was 14,867.8 Indonesian rupiah.
- The average (mean) monthly expenditure on kretek cigarettes was 382,091.7 Indonesian rupiah.

MEDIA

- 43.0% of adults noticed anti-cigarette smoking information on the television or radio.
- 45.9% of adults noticed cigarette advertising or promotions in stores where cigarettes are sold.
- 75.3% of adults noticed any cigarette advertisements, promotions, or sporting event sponsorship.

KNOWLEDGE, ATTITUDES & PERCEPTIONS

- 85.7% of adults believed smoking causes serious illness.
- 80.0% of adults believed breathing other peoples' smoke causes serious illness in non-smokers.

MINISTRY OF HEALTH
REPUBLIC OF INDONESIA

World Health Organization
Indonesia

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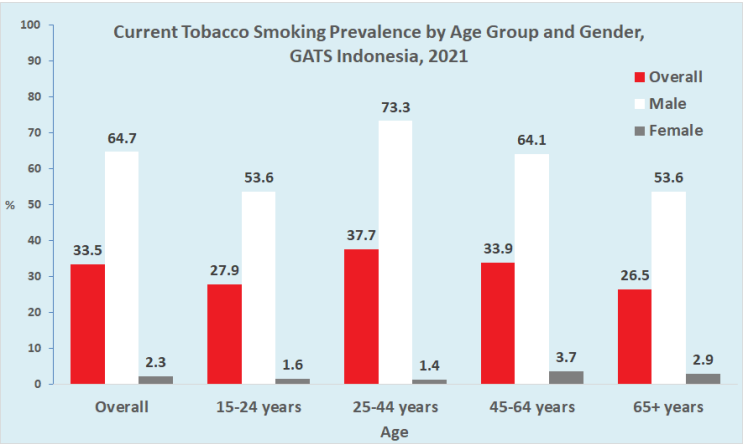
TOBACCO USE

TOBACCO USE *(smoking, smokeless, or heated tobacco products)*	OVERALL (%)	MEN (%)	WOMEN (%)
Current tobacco users	34.5	65.5	3.3
TOBACCO SMOKING			
Current tobacco smokers	33.5	64.7	2.3
Daily tobacco smokers	26.8	52.3	1.4
Current white cigarette smokers	6.2	12.0	0.5
Current hand-rolled cigarette smokers	6.0	11.6	0.4
Current kretek cigarette smokers	28.6	55.5	1.7
Former daily tobacco smokers[1] *(among all adults)*	4.7	9.0	0.5
Former daily tobacco smokers[1,2] *(among ever daily smokers)*	13.8	13.4	24.6
	OVERALL (#)	MEN (#)	WOMEN (#)
Average age of tobacco smoking initiation *(among ever smokers aged 20-34 years)*	15.9	15.8	17.4
SMOKELESS TOBACCO USE	OVERALL (%)	MEN (%)	WOMEN (%)
Current smokeless tobacco users	1.0	0.9	1.1
HEATED TOBACCO PRODUCT USE			
Ever heard of heated tobacco products	2.7	4.0	1.3
Ever used heated tobacco products	0.3	0.6	0.0
Current user of heated tobacco products	0.1	0.3	0.0



ELECTRONIC CIGARETTE USE

	OVERALL (%)	MEN (%)	WOMEN (%)
Ever heard of electronic cigarettes	55.7	67.3	44.1
Ever used electronic cigarettes	11.9	22.3	1.5
Current user of electronic cigarettes	3.0	5.8	0.3

CESSATION

	OVERALL (%)	MEN (%)	WOMEN (%)
Smokers who made a quit attempt in past 12 months[3]	43.8	43.6	49.8
Current smokers who planned to or were thinking about quitting[4]	63.4	63.4	64.3
Smokers advised to quit by a health care provider in past 12 months[3,5]	38.9	39.4	27.8

SECONDHAND SMOKE

	OVERALL (%)	MEN (%)	WOMEN (%)
Adults exposed to tobacco smoke at the workplace[6,§]	44.8	54.6	29.5
Adults exposed to tobacco smoke at home at least monthly	59.3	63.7	55.0
Adults exposed to tobacco smoke inside:[7,§]			
Government buildings or offices	51.4	60.0	40.1
Healthcare facilities	14.2	20.3	9.9
Restaurants	74.2	82.2	62.1
Public transportation	40.5	51.6	31.8

ECONOMICS

Average (mean) amount spent on 12 kretek cigarettes (Indonesian rupiah)	14,867.8
Average (mean) monthly expenditure on kretek cigarettes (Indonesian rupiah)	382,091.7
Cost of 100 packs of 12 kretek cigarettes as a percentage of per capita Gross Domestic Product (GDP) [2021][8]	2.5%
Average (mean) amount spent on 20 manufactured white cigarettes (Indonesian rupiah)	24,090.3
Average (mean) monthly expenditure on manufactured white cigarettes (Indonesian rupiah)	373,880.6
Cost of 100 packs of 20 manufactured white cigarettes as a percentage of per capita Gross Domestic Product (GDP) [2021][8]	4.0%

MEDIA

ANTI-TOBACCO WARNINGS	OVERALL (%)	CURRENT SMOKERS (%)	NON-SMOKERS (%)
Adults who noticed anti-cigarette smoking information on the television or radio[§]	43.0	45.0	42.0
	OVERALL (%)	MEN (%)	WOMEN (%)
Current smokers who noticed a warning label on cigarette packs[§]	77.6	78.0	65.6
Current smokers who thought about quitting because of a warning label[§]	26.4	26.2	31.9
TOBACCO INDUSTRY ADVERTISING	OVERALL (%)	CURRENT SMOKERS (%)	NON-SMOKERS (%)
Adults who noticed cigarette (white or kretek) advertising or promotions in stores where cigarettes are sold[9,§]	45.9	53.4	42.1
Adults who noticed cigarette (white or kretek) advertising on:[§]			
Television	50.7	54.1	49.0
Billboards	43.6	48.9	40.9
Internet	21.4	20.5	21.8
Adults who noticed any cigarette (white or kretek) advertisements, promotions, or sporting event sponsorship[§]	75.3	80.4	72.8

KNOWLEDGE, ATTITUDES & PERCEPTIONS

	OVERALL (%)	CURRENT SMOKERS (%)	NON-SMOKERS (%)
Adults who believed smoking causes:			
Serious illness	85.7	79.0	89.1
Stroke	49.5	41.7	53.5
Heart attack	79.7	74.1	82.6
Lung cancer	85.1	79.9	87.7
Chronic Obstructive Pulmonary Disease (COPD)	70.3	64.4	73.3
Premature birth	46.3	37.4	50.8
Adults who believed breathing other peoples' smoke causes serious illness in nonsmokers	80.0	73.6	83.2
Adults who believed using electronic cigarettes causes serious illness	67.8	61.7	71.8

[1] Current non-smokers. [2] Quit ratio for daily smoking. [3] Includes current smokers and former smokers who quit in the past 12 months. [4] Planning or thinking about quitting within the next month, 12 months, or someday. [5] Among those who visited a health care provider in past 12 months. [6] Among those who work outside of the home who usually work indoors or both indoors and outdoors. [7] Among those who visited the place in the past 30 days. [8] Estimated Indonesia per capita GDP = 60,443,649.48 Indonesian rupiah, provided by the International Monetary Fund World Economic Database (accessed on 09 November 2021). [9] Includes those who noticed any advertisements or signs promoting cigarettes in stores where cigarettes are sold; cigarettes at sale prices; or free gifts or discount offers on other products when buying cigarettes. [§] During the past 30 days.

NOTE: Current use refers to daily and less than daily use. Adults refer to persons aged 15 years or 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.

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The findings and conclusions in this fact sheet are those of the author(s) and do not necessarily represent the official position of the CDC.