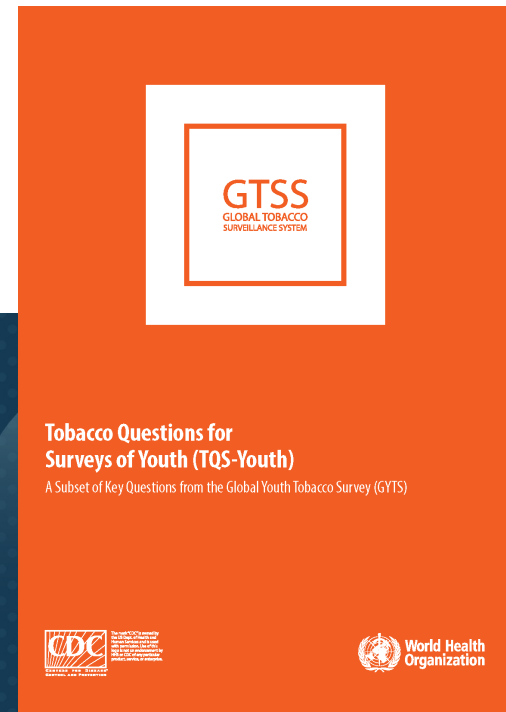


TQS-YOUTH ANALYSIS AND REPORTING

ORIENTATION WORKSHOP ON TQS-YOUTH
09-10 MAY 2023
ANKARA, TURKEY



Centers for Disease Control and Prevention

National Center for Chronic Disease Prevention and Health Promotion

Office on Smoking and Health, Global Tobacco Control Branch



OVERVIEW

- Analysis: Calculating indicators
- Reporting: Preparing tables
- Further analysis & research
- Questions/Discussion

CALCULATING INDICATORS & PREPARING TABLES

TOBACCO USE PREVALENCE

Q1. Have you ever tried or experimented with cigarette smoking, even one or two puffs?

- a. Yes
- b. No

Indicator

Ever Cigarette Smoking: Percentage of youth who ever smoked a cigarette.

Numerator: Number of respondents who tried or experimented with cigarette smoking, even one or two puffs.

Denominator: Total number of respondents to the question.

TOBACCO USE PREVALENCE

Q2. How old were you when you first tried a cigarette?

- a. I have never tried smoking a cigarette
- b. 7 years old or younger
- c. 8 or 9 years old
- d. 10 or 11 years old
- e. 12 or 13 years old
- f. 14 or 15 years old
- g. 16 years old or older

Indicator

Age at Cigarette Smoking Initiation: Age at first trying a cigarette among youth who have ever smoked a cigarette.

Numerator: Number of youth who have ever smoked a cigarette who reported trying a cigarette at the age of [7 or younger; 8 or 9; 10 or 11; 12 or 13; 14 or 15] years old.

Denominator: Number of youth who have ever smoked a cigarette. (The analysis of this question should be restricted to Ever Cigarette Smoking, as previously defined. Q2=a responses should be excluded from the denominator.)

TOBACCO USE PREVALENCE

Q3. During the past 30 days, on how many days did you smoke cigarettes?

- a. 0 days
- b. 1 or 2 days
- c. 3 to 5 days
- d. 6 to 9 days
- e. 10 to 19 days
- f. 20 to 29 days
- g. All 30 days

Q4. During the past 30 days, did you use any form of smoked tobacco products other than cigarettes, (such as *FILL APPROPRIATE COUNTRY EXAMPLES*)?

- a. Yes
- b. No

Q5. During the past 30 days, did you use any form of smokeless tobacco products (such as *FILL APPROPRIATE COUNTRY EXAMPLES*)?

- a. Yes
- b. No

TOBACCO USE PREVALENCE

Indicator 1

Current Tobacco Smoking: Percentage of youth who currently smoke any tobacco products.

Numerator: Number of respondents who smoked cigarettes on 1 or more days in the past 30 days (Q3=b through g) or any other smoked tobacco products in the past 30 days (Q4=a).

Denominator: Total number of respondents to the questions.

Indicator 2

Current Cigarette Smoking: Percentage of youth who currently smoke cigarettes.

Numerator: Number of respondents who smoked cigarettes on 1 or more days in the past 30 days (Q3=b through g).

Denominator: Total number of respondents to the question.

Indicator 3

Frequent Cigarette Smoking: Percentage of youth who smoked cigarettes on 20 or more days of the past 30 days.

Numerator: Number of respondents who smoked cigarettes on 20 or more days of the past 30 days (Q3=f or g).

Denominator: Total number of respondents to the question.

TOBACCO USE PREVALENCE

Indicator 4

Current Smoking of Other Products: Percentage of youth who currently smoke tobacco products other than cigarettes.

Numerator: Number of respondents who smoked tobacco products other than cigarettes during the past 30 days (Q4=a).

Denominator: Total number of respondents to the question.

Indicator 5

Current Smokeless Tobacco Use: Percentage of youth who currently use smokeless tobacco products.

Numerator: Number of respondents who used any smokeless tobacco products in the past 30 days (Q5=a).

Denominator: Total number of respondents to the question.

Indicator 6

Current Tobacco Use: Percentage of youth who currently use any tobacco products.

Numerator: Number of respondents who smoked cigarettes on 1 or more days in the past 30 days (Q3=b through g) or smoked any tobacco products other than cigarettes in the past 30 days (Q4=a) or used any smokeless tobacco products in the past 30 days (Q5=a).

Denominator: Total number of respondents to the questions.

TOBACCO USE PREVALENCE TABLE SHELL

Table 10-1. Detailed tobacco use status, overall and by gender

	Overall	Boys	Girls
	<i>Percentage (95% CI*)</i>		
Smoked Tobacco			
Current tobacco smoking ¹			
Current cigarette smoking ²			
Frequent cigarette smoking ³			
Current smoking of other tobacco ⁴			
Ever cigarette smoking ⁵			
Smokeless Tobacco			
Current smokeless tobacco use ⁶			
Tobacco Use			
Current tobacco use ⁷			
¹ Smoked tobacco anytime during the past 30 days. ² Smoked cigarettes anytime during the past 30 days. ³ Smoked cigarettes on 20 or more days of the past 30 days. ⁴ Smoked tobacco other than cigarettes anytime during the past 30 days. ⁵ Ever smoked cigarettes, even one or two puffs. ⁶ Used smokeless tobacco anytime during the past 30 days. ⁷ Smoked cigarettes and/or other smoked tobacco, and/or used smokeless tobacco anytime during the past 30 days. * 95% Confidence Interval			

TOBACCO USE PREVALENCE TABLE SHELL

Table 10-2. Age at cigarette smoking initiation among those who have ever smoked a cigarette, overall and by gender

Age when first trying a cigarette¹	Overall	Boys	Girls
	<i>Percentage (95% CI*)</i>		
7 years old or younger			
8 or 9 years old			
10 or 11 years old			
12 or 13 years old			
14 or 15 years old			
Total	100	100	100

¹ Among those that have ever tried a cigarette.
 * 95% Confidence Interval

CESSATION

Q6. During the past 12 months, did you ever try to stop smoking?

- a. I have never smoked
- b. I did not smoke during the past 12 months
- c. Yes
- d. No

Indicator

Attempt to Stop Smoking in the Past 12 Months: Percentage of youth who currently smoke tobacco who tried to stop smoking during the past 12 months.

Numerator: Number of youth who currently smoke tobacco who tried to stop smoking during the past 12 months (Q6=c).

Denominator: Number of youth who currently smoke tobacco. (The analysis of this question should be restricted to Current Tobacco Smoking, as previously defined. Q6=a or b responses should be excluded from the denominator.)

CESSATION

Q7. Have you ever received help or advice to help you stop smoking?

[SELECT ONLY ONE RESPONSE]

- a. I have never smoked
- b. Yes, from a program or professional
- c. Yes, from a friend
- d. Yes, from a family member
- e. Yes, from both programs or professionals and from friends or family members
- f. No

Indicator

Received Help to Stop Smoking: Percentage of youth who currently smoke tobacco who have ever received help/advice to stop smoking from a program or professional.

Numerator: Number of youth who currently smoke tobacco who received any help/advice from a program or professional to help them stop smoking (Q7=b or e).

Denominator: Number of youth who currently smoke tobacco. (The analysis of this question should be restricted for Current Tobacco Smoking, as previously defined. Q7=a responses should be excluded from the denominator.)

CESSATION TABLE SHELL

Table 10-3. Smoking tobacco cessation indicators among those who currently smoke tobacco, overall and by gender

	Overall	Boys	Girls
	<i>Percentage (95% CI*)</i>		
<i>Youth who currently smoke tobacco who...</i>			
Tried to stop smoking in the past 12 months			
Have ever received help/advice from a program or professional to stop smoking			
* 95% Confidence Interval			

EXPOSURE TO SECONDHAND SMOKE

Q8. During the past 7 days, on how many days has anyone smoked inside your home, in your presence?

- a. 0 days
- b. 1 to 2 days
- c. 3 to 4 days
- d. 5 to 6 days
- e. 7 days

Indicator

Exposure to Secondhand Smoke Inside the Home: Percentage of youth who were exposed to tobacco smoke inside the home in the past 7 days.

Numerator: Number of respondents who reported that smoking occurred in their presence inside their home on 1 or more days in the past 7 days (Q8=b through e).

Denominator: Total number of respondents to the question.

EXPOSURE TO SECONDHAND SMOKE

Q9. During the past 7 days, on how many days has anyone smoked in your presence, inside any enclosed public place other than your home (such as *FILL APPROPRIATE COUNTRY EXAMPLES: school, shops, restaurants, shopping malls, movie theaters*)?

- a. 0 days
- b. 1 to 2 days
- c. 3 to 4 days
- d. 5 to 6 days
- e. 7 days

Indicator

Exposure to Secondhand Smoke in Enclosed Public Places: Percentage of youth who were exposed to tobacco smoke inside enclosed public places in the past 7 days.

Numerator: Number of respondents who reported that smoking occurred in their presence inside any enclosed public place other than their home (such as schools, shops, restaurants, shopping malls, and movie theaters) in the past 7 days (Q9=b through e).

Denominator: Total number of respondents to the question.

EXPOSURE TO SECONDHAND SMOKE

Q10. During the past 30 days, did you see anyone smoke inside the school building or outside on school property?

- a. Yes
- b. No

Indicator

Exposure to Secondhand Smoke at School: Percentage of youth who saw anyone smoking inside the school building or outside on school property in the past 30 days.

Numerator: Number of respondents who saw someone smoke inside the school building or outside on school property during the past 30 days.

Denominator: Total number of respondents to the question.

EXPOSURE TO SECONDHAND SMOKE

TABLE SHELL

Table 10-4. Exposure to secondhand smoking, overall and by gender

	Overall	Boys	Girls
	<i>Percentage (95% CI*)</i>		
Exposed to tobacco smoke inside the home in the past 7 days			
Exposed to tobacco smoke inside any enclosed public place in the past 7 days			
Saw anyone smoking inside the school building or outside on school property in the past 30 days			

* 95% Confidence Interval

CIGARETTE ACCESSIBILITY

Q11. During the past 30 days, did anyone refuse to sell you cigarettes because of your age?

- a. I did not try to buy cigarettes during the past 30 days
- b. Yes, someone refused to sell me cigarettes because of my age
- c. No, my age did not keep me from buying cigarettes

Indicator

Minors' Access to Purchasing Cigarettes: Percentage of youth who currently smoke cigarettes who were not prevented from buying cigarettes in the past 30 days because of their age.

Numerator: Number of youth who currently smoke cigarettes who were not prevented from buying cigarettes in the past 30 days because of their age (Q11=c).

Denominator: Number of youth who currently smoke cigarettes who tried to buy cigarettes in the past 30 days. (The analysis of this question should be restricted to Current Cigarette Smoking, as previously defined. Q11=a responses should be excluded from the denominator.)

CIGARETTE ACCESSIBILITY

Q12. The last time you bought cigarettes during the past 30 days, how did you buy them?

- a. I did not buy cigarettes during the past 30 days
- b. I bought them in a pack
- c. I bought individual sticks (singles)
- d. I bought them in a carton
- e. I bought tobacco and rolled my own

Indicator

Unit of Purchased Cigarettes: Percentage of youth who currently smoke cigarettes who last bought cigarettes as [*individual sticks; packs, cartons; loose tobacco for hand-rolled cigarettes*] in the past 30 days.

Numerator: Number of youth who currently smoke cigarettes who last purchased cigarettes as [*individual sticks; packs, cartons; loose tobacco for hand-rolled cigarettes*] in the past 30 days.

Denominator: Number of youth who currently smoke cigarettes who bought cigarettes during the past 30 days. (The analysis of this question should be restricted to Current Cigarette Smoking, as previously defined. Q12=a responses should be excluded from the denominator.)

CIGARETTE ACCESSIBILITY TABLE SHELL

Table 10-5. Youth who currently smoke cigarettes who were not prevented from buying cigarettes because of their age, overall and by gender

	Overall	Boys	Girls
	<i>Percentage (95% CI*)</i>		
Youth who currently smoke cigarettes who were not prevented from buying cigarettes because of their age ¹			
¹ Among those who tried to buy cigarettes during the past 30 days. * 95% Confidence Interval			

CIGARETTE ACCESSIBILITY TABLE SHELL

Table 10-6. Unit of cigarette purchase among youth who currently smoke cigarettes, overall and by gender

Unit of purchase¹	Overall	Boys	Girls
	<i>Percentage (95% CI*)</i>		
Individual sticks			
Pack			
Carton			
Loose tobacco for hand-rolled cigarettes			
Total	100	100	100

¹ Based on the last purchase, among those who bought cigarettes during the past 30 days.
 * 95% Confidence Interval

ANTI-TOBACCO INFORMATION

Q13. During the past 30 days, did you see or hear any anti-tobacco media messages on television, radio, internet, billboards, posters, newspapers, magazines, or movies?

- a. Yes
- b. No

Indicator

Awareness of Anti-Tobacco Messages in the Media: Percentage of youth who saw or heard any anti-tobacco messages in the media in the past 30 days.

Numerator: Number of respondents who saw or heard any anti-tobacco messages in the media (e.g., television, radio, internet, billboards, posters, newspapers, magazines, or movies) in the past 30 days (Q13=a).

Denominator: Total number of respondents to the question.

ANTI-TOBACCO INFORMATION

Q14. During the past 30 days, did you see any health warnings on cigarette packages?

- a. Yes, but I didn't think much of them
- b. Yes, and they led me to think about quitting smoking or not starting smoking
- c. No

Indicator 1

Noticing Health Warnings on Cigarette Packages: Percentage of youth who currently smoke cigarettes who noticed health warnings on cigarette packages in the past 30 days.

Numerator: Number of youth who currently smoke cigarettes who answered "Yes, but I didn't think much of them" or "Yes, and they led me to think about quitting smoking or not starting smoking" to seeing health warnings on cigarette packages in the past 30 days (Q14=a or b).

Denominator: Number of youth who currently smoke cigarettes. (The analysis of this question should be restricted to Current Cigarette Smoking, as previously defined.)

Indicator 2

Thinking of Quitting Because of Health Warnings on Cigarette Packages (Among all youth who currently smoke cigarettes): Percentage of youth who currently smoke cigarettes who thought about quitting smoking in the past 30 days because of health warnings on cigarette packages.

Numerator: Number of youth who currently smoke cigarettes who reported that seeing health warnings on cigarette packages in the past 30 days led them to think about quitting smoking (Q14=b).

Denominator: Number of youth who currently smoke cigarettes. (The analysis of this question should be restricted to Current Cigarette Smoking, as previously defined.)

ANTI-TOBACCO INFORMATION

Indicator 3

Thinking of Quitting Because of Health Warnings on Cigarette Packages (Among youth who currently smoke cigarettes who noticed health warnings): Percentage of youth who currently smoke cigarettes who noticed health warnings on cigarette packages in the past 30 days, who thought about quitting smoking because of the health warnings.

Numerator: Number of youth who currently smoke cigarettes who reported that seeing health warnings on cigarette packages in the past 30 days led them to think about quitting smoking (Q14=b).

Denominator: Number of youth who currently smoke cigarettes who noticed health warnings on cigarette packages in the past 30 days. (The analysis of this question should be restricted to Current Cigarette Smoking, as previously defined. Q14=c responses should be excluded from the denominator.)

Indicator 4

Thinking of Not Starting Smoking Because of Health Warnings on Cigarette Packages: Percentage of youth who have never smoked a cigarette who thought about not starting smoking in the past 30 days because of health warnings on cigarette packages.

Numerator: Number of youth who have never smoked a cigarette who reported that seeing health warnings on cigarette packages in the past 30 days led them to think about not starting smoking (Q14=b).

Denominator: Number of youth who have never smoked a cigarette who saw health warnings on cigarette packages in the past 30 days. (The analysis of this question should be restricted to youth who have never smoked a cigarette: Q1=b. Q14=c responses should be excluded from the denominator.)

ANTI-TOBACCO INFORMATION

Q15. During the past 12 months, were you taught in any of your classes about the dangers of tobacco use?

- a. Yes
- b. No
- c. I don't know

Indicator

Learning About Dangers of Tobacco Use at School: Percentage of youth who were taught about the dangers of tobacco use in class during the past 12 months.

Numerator: Number of respondents who were taught in any classes about the dangers of tobacco use during the past 12 months (Q15=a).

Denominator: Total number of respondents to the question. ("I don't know" responses should be included in the denominator.)

ANTI-TOBACCO INFORMATION TABLE SHELL

Table 10-7. Noticing anti-tobacco information, overall and by gender

	Overall	Boys	Girls
	<i>Percentage (95% CI*)</i>		
Noticed anti-tobacco messages in the media ¹ in the past 30 days			
Taught in school about the dangers of tobacco use in the past 12 months			
¹ For example, television, radio, internet, billboards, posters, newspapers, magazines, movies.			
* 95% Confidence Interval			

ANTI-TOBACCO INFORMATION TABLE SHELL

Table 10-8. Noticing health warnings on cigarette packages among youth who currently smoke cigarettes and youth who have never smoked a cigarette, overall and by gender

	Overall	Boys	Girls
	<i>Percentage (95% CI*)</i>		
Youth who currently smoke cigarettes who noticed health warnings on cigarette packages ¹			
<i>Thought about quitting smoking because of health warnings on cigarette packages¹</i>			
Among youth who currently smoke cigarettes			
Among youth who currently smoke cigarettes who noticed health warnings			
Youth who have never smoked a cigarette who thought about not starting smoking because of health warnings on cigarette packages ^{1,2}			
¹ During the past 30 days.			
² Among youth who have never smoked a cigarette who noticed health warnings on cigarette packages in the past 30 days.			
* 95% Confidence Interval			

TOBACCO ADVERTISING AND PROMOTIONS

Q16. During the past 30 days, did you see any advertisements or promotions for tobacco products at points of sale (such as *FILL APPROPRIATE COUNTRY EXAMPLES: stores, shops, kiosk*)?

- a. I did not visit any points of sale in the past 30 days
- b. Yes
- c. No

Indicator 1

Awareness of Tobacco Marketing at Points of Sale (Among the Target Population): Percentage of youth who saw any tobacco marketing at points of sale in the past 30 days.

Numerator: Number of respondents who saw any advertisements or promotions for tobacco products at point of sale (such as stores, shops, kiosks, etc.) in the past 30 days (Q16=b).

Denominator: Total number of respondents to the question.

Indicator 2

Awareness of Tobacco Marketing at Points of Sale (Among Those who Visited Points of Sale): Percentage of youth who visited points of sale in the past 30 days who saw any tobacco marketing at the points of sale.

Numerator: Number of respondents who saw any advertisements or promotions for tobacco products at points of sale (such as stores, shops, kiosks, etc.) in the past 30 days (Q16=b).

Denominator: Number of respondents who visited points of sale in the past 30 days. (Q16=a responses should be excluded from the denominator.)

TOBACCO ADVERTISING AND PROMOTIONS

Q17. Do you have something (for example, t-shirt, pen, backpack) with a tobacco product brand logo on it?

- a. Yes
- b. No

Indicator

Ownership of an Object with a Tobacco Brand Logo: Percentage of youth who have something with a tobacco product brand logo on it.

Numerator: Number of respondents who have something (e.g., t-shirt, pen, backpack) with a tobacco product brand logo on it (Q17=a).

Denominator: Total number of respondents to the question.

TOBACCO ADVERTISING AND PROMOTIONS

Q18. Has a person working for a tobacco company ever offered you a free tobacco product?

- a. Yes
- b. No

Indicator

Exposure to Free Tobacco Promotion: Percentage of youth who were ever offered a free tobacco product from a tobacco company representative.

Numerator: Number of respondents who were ever offered a free tobacco product from a tobacco company representative (Q18=a).

Denominator: Total number of respondents to the question.

TOBACCO ADVERTISING AND PROMOTIONS TABLE SHELL

Table 10-9. Exposure to tobacco marketing, overall and by gender

	Overall	Boys	Girls
	<i>Percentage (95% CI*)</i>		
<i>Noticed tobacco advertisements or promotions at points of sale</i>			
Among all youth in the past 30 days			
Among those who visited a point of sale in the past 30 days			
Youth who owned something with a tobacco brand logo on it ¹			
Ever offered a free tobacco product from a tobacco company representative			
¹ For example, a t-shirt, pen, backpack.			
* 95% Confidence Interval			

ELECTRONIC CIGARETTES

Q19. Electronic cigarettes, or e-cigarettes, are electronic devices that usually contain a nicotine-based liquid that is vaporized and inhaled. You may also know them as vape-pens, hookah-pens, electronic hookahs (e-hookahs), electronic cigars (e-cigars), electronic pipes (e-pipes), or e-vaporizers. Some look like cigarettes and others look like pens or small pipes. These are battery-powered devices that produce vapor instead of smoke.

Before today, had you ever heard of electronic cigarettes or e-cigarettes?

- a. Yes
- b. No

Indicator

Ever Heard of Electronic Cigarettes: Percentage of youth who have ever heard of electronic cigarettes.

Numerator: Number of respondents who have heard of electronic cigarettes.

Denominator: Total number of respondents to the question.

ELECTRONIC CIGARETTES

Q20. During the past 30 days, on how many days did you use electronic cigarettes?

- a. 0 days
- b. 1 or 2 days
- c. 3 to 5 days
- d. 6 to 9 days
- e. 10 or 19 days
- f. 20 to 29 days
- g. All 30 days

Indicator

Current Electronic Cigarette Use: Percentage of youth who currently use electronic cigarettes.

Numerator: Number of respondents who used electronic cigarettes on 1 or more days in the past 30 days (Q20=b through g).

Denominator: Total number of respondents to the question.

ELECTRONIC CIGARETTES

Q21. In total, on how many days have you used an electronic cigarette or e-cigarette in your entire life?

- a. 0 days
- b. 1 day
- c. 2 to 10 days
- d. 11 to 20 days
- e. 21 to 50 days
- f. 51 to 100 days
- g. More than 100 days

Indicator

Ever Electronic Cigarette Use: Percentage of youth who ever used an electronic cigarette.

Numerator: Number of respondents who used electronic cigarettes on 1 or more days in their lifetime (Q21=b through g).

Denominator: Total number of respondents to the question.

ELECTRONIC CIGARETTES TABLE SHELL

Table 10-10. Awareness, ever use, and current use of electronic cigarettes, overall and by gender

	Overall	Boys	Girls
	<i>Percentage (95% CI*)</i>		
Ever heard of electronic cigarettes			
Ever used an electronic cigarette ¹			
Current electronic cigarette use ²			
¹ Used an electronic cigarette on 1 or more days in lifetime. ² Used an electronic cigarette anytime during the past 30 days. * 95% Confidence Interval			

NOTES BASED ON REVIEWS

- Report the prevalence of each indicator among all respondents or subgroup
- Do not report the distribution within a subgroup
- For example,
 - Among all males, what percentage currently smoke tobacco?
 - Among all females, what percentage currently smoke tobacco?
 - NOT: Among those who currently smoke, what percentage are male and what percentage are female?

FURTHER ANALYSIS & RESEARCH

DATA DISSEMINATION MATERIALS

- In addition to populated table shells, we encourage development of other materials for data dissemination:
 - Tobacco Report
 - Tobacco Fact Sheet
 - Tobacco Policy Brief
 - Publications, research graphs

DATA DISSEMINATION MATERIALS

REPUBLIC OF MALI
One People, One Goal, One Faith
MINISTER OF ECONOMY AND FINANCE

NATIONAL STATISTICAL INSTITUTE
(INSTAT)



ANALYSIS OF TOBACCO QUESTIONS FOR
SURVEYS OF YOUTH
(TQS-YOUTH)

January 2022

I. Prevalence of Tobacco Use

Priority Indicators are developed based on five questions to assess smoking prevalence. The first question (Q1) asks respondents if they have ever smoked a cigarette while the second question (Q2) asks the age at which respondents started smoking. Questions from 3 through 5 measure current use of cigarettes (Q3), other types of smoking tobacco (Q4), and smokeless tobacco (Q5).

Purpose: Determine the current tobacco use status of the respondents.
Indicator 1: Current Tobacco Smokers: Percentage of youth who currently smoke any tobacco products. Numerator: Number of respondents who smoked cigarettes at least one day during the last 30 days (Q3=b through g) or any other smoking tobacco product in the last 30 days (Q4=a) Denominator: Total number of respondents to the question
Indicator 2: Current cigarette smokers: Percentage of youth who currently smoke cigarettes Numerator: Number of respondents who smoked cigarettes at least 1 day in the past 30 days (Q3=b through g). Denominator: Total number of respondents to the question
Indicator 3: Frequent cigarette smokers: Percentage of youth who smoked cigarettes at least 20 days of the past 30 days (Q3=a) Numerator: Number of respondents who smoked cigarettes at least 20 days in the past 30 days (Q3=a or g). Denominator: Total number of respondents to the question
Indicator 4: Current smokers of other tobacco products: Percentage of youth who currently smoke tobacco products other than cigarettes. Numerator: Number of respondents who smoked tobacco products other than cigarettes in the past 30 days (Q4=a) Denominator: Total number of respondents to the question
Indicator 5: Frequent cigarette smokers: Percentage of youth who smoked cigarettes at least 20 days of the past 30 days (Q3=a) Numerator: Number of respondents who smoked cigarettes at least 20 days in the past 30 days (Q3=a or g). Denominator: Total number of respondents to the question
Indicator 6: Respondents who tried a cigarette: Percentage of youth who have already smoked a cigarette Numerator: Number of respondents who have ever tried smoking a cigarette, even one or two puffs (Q1=a) Denominator: Total number of respondents to the question
Indicator 7: Current smokeless tobacco users: Percentage of youth who currently use smokeless tobacco Numerator: Number of respondents who used smokeless tobacco products in the past 30 days (Q5=a) Denominator: Total number of respondents to the question
Indicator 8: Current tobacco users: Percentage of youth who currently use any type of tobacco product Numerator: Number of respondents who smoked cigarettes at least one day during the last 30 days (Q3=b through g) or smoked a tobacco product other than cigarettes in the last 30 days (Q4=a) or used a smokeless tobacco product in the last 30 days (Q5=a) Denominator: Total number of respondents to the question

Overall, 8.0% of the population aged 13-15 are current smokers of tobacco products. The prevalence of current smokers is almost zero among girls (0.0%) while it is 11.1% among boys. The same finding is observed among youth aged 12 to 17, with boys of this age smoking more (20.6%) than their female counterparts.

The proportion of 13- to 15-year-olds who have smoked cigarettes at any time in the past 30 days is 8.0%. This proportion is higher for boys than for girls. As with youth aged 12 to 17, the number of current cigarette smokers is highest among

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males (11.1%).

Compared to frequent cigarette smokers, 3.0% of 13- to 15-year-olds have smoked cigarettes at least 20 days in the past 30 days. This proportion is almost twice as high among youth aged 12 to 17 (5.7%). The percentage is 4.1% for boys.

In general, the use of other tobacco products among current smokers is very low regardless of age group. The number of youth between the ages of 13 and 15 who have tried a cigarette is 0.5%. This proportion is higher for boys (0.7%) than for girls (0.3%).

About two in ten (2.3%) 13- to 15-year-olds are current smokeless tobacco users. This prevalence is even higher among boys (3.5%) than among girls (1.2%).

Table I-1: Detailed smoking status: total and by gender

	13 to 15 years old			12 to 17 years old			12 to 19 years old		
	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
	Percentage (95 % CI) ¹			Percentage (95 % CI) ¹			Percentage (95 % CI) ¹		
Smoking tobacco									
Current smokers of tobacco products ²	8.0	11.1	0.0	16.7	20.6	0.0	59.8	62.6	10.0
	(6.2-9.8)	(6.9-15.3)	(0.0-0.0)	(6.0-27.3)	(7.6-23.5)	(0.0-0.0)	(55.5-64.0)	(58.7-66.5)	(2.1-18.0)
Current cigarette smokers ³	8.0	11.1	0.0	16.7	20.6	0.0	58.0	60.8	9.1
	(6.2-9.8)	(6.9-15.3)	(0.0-0.0)	(6.0-27.3)	(7.6-23.5)	(0.0-0.0)	(53.6-62.3)	(56.4-64.8)	(1.4-16.8)
Regular cigarette smokers ⁴	3.0	4.1	0.0	5.7	7.0	0.0	48.1	50.6	4.1
	(2.3-3.6)	(2.6-5.7)	(0.0-0.0)	(2.1-9.2)	(2.5-11.5)	(0.0-0.0)	(44.0-52.3)	(46.6-54.6)	(1.2-9.4)
Current smokers of other tobacco products ⁵	0.1	0.1	0.0	0.1	0.2	0.0	0.1	0.2	0.1
	(0.0-0.1)	(0.0-0.1)	(0.0-0.0)	(0.0-0.2)	(0.0-0.3)	(0.0-0.1)	(0.0-0.5)	(0.2-0.5)	(0.0-0.1)
Respondents who have tried smoking ⁶	0.5	0.7	0.2	1.0	1.6	0.4	5.2	10.5	0.5
	(0.3-0.7)	(0.3-1.1)	(0.1-0.5)	(0.6-1.4)	(0.9-2.2)	(0.2-0.7)	(4.8-5.7)	(9.5-11.4)	(0.3-0.7)
Smokeless tobacco									
Current smokeless tobacco users ⁷	2.3	3.5	1.2	0.2	0.2	0.1	0.2	3.5	1.2
	(2.0-2.6)	(3.1-4.0)	(0.9-1.4)	(0.1-0.3)	(0.0-0.4)	(0.0-0.3)	(0.0-0.3)	(2.1-4.0)	(0.9-1.4)
Tobacco use									
Current tobacco users ⁸	8.0	11.1	0.0	16.7	20.6	0.0	63.0	65.9	13.4
	(6.2-9.8)	(6.9-15.3)	(0.0-0.0)	(6.0-27.3)	(7.6-23.5)	(0.0-0.0)	(59.1-67.0)	(62.4-69.4)	(4.1-22.6)

¹ 95% confidence interval
² Source: ENP2021 (Round 3)

¹ Respondents who smoked tobacco at any time in the past 30 days.

² Respondents who smoked cigarettes at any time in the past 30 days.

³ Respondents who smoked cigarettes at least 20 days in the past 30 days.

⁴ Respondents who smoked a tobacco product other than cigarettes at any time during the past 30 days.

⁵ Respondents who have ever smoked a cigarette, even one or two puffs.

⁶ Respondents who used smokeless tobacco at any time in the past 30 days.

⁷ Respondents who used smokeless tobacco at any time in the past 30 days.

⁸ Respondents who smoked cigarettes and/or other smoking tobacco products, and/or used smokeless tobacco at any time in the past 30 days.

⁹ 95% confidence interval

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DATA DISSEMINATION MATERIALS

GYTS | GLOBAL YOUTH TOBACCO SURVEY


FACT SHEET
[COUNTRY NAME] [YEAR]

GYTS Objectives

The Global Youth Tobacco Survey (GYTS), a component of the Global Tobacco Surveillance System (GTSS), is a global standard for systematically monitoring youth tobacco use (smoking and smokeless) and tracking key tobacco control indicators.

GYTS is a cross-sectional, nationally representative school-based survey of students in grades associated with ages 13 to 15 years. GYTS uses a standard core questionnaire, sample design, and data collection protocol. It assists countries in fulfilling their obligations under the World Health Organization (WHO) Framework Convention on Tobacco Control (FCTC) to generate comparable data within and across countries. WHO has developed **mpower**, a technical package of selected demand reduction measures contained in the WHO FCTC:

- 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





GYTS Methodology

GYTS uses a global standardized methodology that includes a two-stage sample design with schools selected with a probability proportional to enrollment size. The classes within selected schools are chosen randomly and all students in selected classes are eligible to participate in the survey. The survey uses a standard core questionnaire with a set of optional questions that countries can adapt to measure and track key tobacco control indicators. The questionnaire covers the following topics: tobacco use (smoking and smokeless), cessation, secondhand smoke (SHS), pro- and anti-tobacco media and advertising, access to and availability of tobacco products, and knowledge and attitudes regarding tobacco use. The questionnaire is self-administered, using scannable paper-based bubble sheets, it is anonymous to ensure confidentiality.

In **[YEAR]**, GYTS was conducted in **[YRARC]** by **[IMPLEMENTING AGENCY]** under the coordination of **[MOH]**. The overall response rate was **XXX%**. A total of **XXXX** eligible students in **[GRADE LEVELS]** (**FORMS XXXX**) completed the survey, of which **XXX** were aged 13-15 years. Data are reported for students aged 13-15 years.

[Country MOH Logo] [Country IA Logo]




[SURVEY NAME | TQS]

TOBACCO FACT SHEET
[COUNTRY YEAR]

TQS Overview

Tobacco Questions for Surveys (TQS) is a standard set of questions that allows for consistent measurement of tobacco use and other key tobacco control indicators through integration into population surveys. TQS plays a significant role in harmonizing and standardizing monitoring of key tobacco control indicators within and across countries over time.

TQS is a list of 22 survey questions derived from the Global Adult Tobacco Survey (GATS) core questionnaire. These questions can be included in any population-based health, social or other survey to obtain a picture of tobacco use and control. The decision can be made to include only 3 core questions in the hosting survey, or up to all 22 TQS questions depending on the needs of the country. Corresponding to the **mpower** policy package measures, TQS assists countries by monitoring selected demand-related articles of the World Health Organization Framework Convention on Tobacco Control (WHO FCTC) — a global health treaty.



- 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

Survey Objectives and Methodology

[OVERVIEW OF SURVEY, TARGET POPULATION, DATES OF DATA COLLECTION]

[QUESTIONNAIRE/TOPIC]. The questionnaire also included XX TQS questions on tobacco use (smoking and smokeless), secondhand smoke, cessation, media, and economics.

[SAMPLING METHODOLOGY]

[NUMBER OF INTERVIEWS COMPLETED AND RESPONSE RATES]

Highlights

TOBACCO USE

- XX.X% overall, XX.X% of men, and XX.X% of women currently smoked tobacco.
- XX.X% overall, XX.X% of men, and XX.X% of women currently used smokeless tobacco.
- XX.X% overall, XX.X% of men, and XX.X% of women currently used tobacco (smoked and/or smokeless).

SECONDHAND SMOKE

- XX.X% of adults who worked indoors were exposed to tobacco smoke at the workplace.
- XX.X% of adults were exposed to tobacco smoke at home.

CESSATION

- XX.X% of current smokers tried to stop smoking in the last 12 months.
- XX.X% of current smokers were advised by a health care provider to stop smoking in the last 12 months.

MEDIA

- XX.X% of adults noticed anti-cigarette smoking information on the television.
- XX.X% of current smokers thought about quitting because of a health warning label on cigarette packs.
- XX.X% of adults noticed cigarette advertising in stores where cigarettes are sold.

ECONOMICS

- The average amount spent on 20 manufactured cigarettes was XX.X (local currency).

[SURVEY NAME | TQS]

TOBACCO FACT SHEET
[COUNTRY YEAR]

	OVERALL (%)	MBF (%)	WOMEN (%)
ns	XX.X	XX.X	XX.X
ns	XX.X	XX.X	XX.X
ns ¹	XX.X	XX.X	XX.X
ns ² (among all adult smokers ²)	XX.X	XX.X	XX.X
ns ² (among ever daily smokers)	XX.X	XX.X	XX.X
ns ² (per day (among daily cigarette smokers))	XX.X	XX.X	XX.X
CO USERS			
ns	XX.X	XX.X	XX.X
ns	XX.X	XX.X	XX.X
ns (among smokeless)	XX.X	XX.X	XX.X
SHS			
ns	XX.X	XX.X	XX.X
ns (at workplace)*	XX.X	XX.X	XX.X
ns (at home at least monthly)	XX.X	XX.X	XX.X
ns	XX.X	XX.X	XX.X
ns (at least one attempt in the past 12 months)	XX.X	XX.X	XX.X
ns (at least one attempt in the past 12 months ³)	XX.X	XX.X	XX.X
SHS			
ns (cigarette smoking information in newspapers or magazines ⁴)	XX.X	XX.X	XX.X
ns (cigarette smoking information on the television ⁴)	XX.X	XX.X	XX.X
ns (shaded warning label on cigarette packages ⁴)	XX.X	XX.X	XX.X
ns (thought about quitting because of a warning label ⁴)	XX.X	XX.X	XX.X
ADVERTISING			
ns (ads in stores where cigarettes are sold ⁵)	XX.X	XX.X	XX.X
ns (of the following cigarette promotions ⁵):			
	XX.X	XX.X	XX.X
	XX.X	XX.X	XX.X
	XX.X	XX.X	XX.X
ns on other products	XX.X	XX.X	XX.X
ns (brand name or logo)	XX.X	XX.X	XX.X
ns	XX.X	XX.X	XX.X
ns (on 20 manufactured cigarettes (in LOCAL CURRENCY) ⁶)			XX.X
ns (manufactured cigarettes as a percentage of per capita Gross Domestic Product (GDP) (YEAR) ⁶)			XX.X
ns (per day that day use ⁷) (includes non-filtered cigarettes and non-inhalable cigarettes. Current non-smokers. ¹ Among those who were daily work indoors or both indoors and outdoors. ² Among those who visited a health care provider in past 12 months. ³ (Data source, and Citing the past 30 days).			
ns (ages 13 years and older). Data have been weighted to be nationally representative of all non-institutionalized men and women. Variance of each indicator in each group, not the distribution across groups.			
ns (UNPUBLISHED STATEMENT)			

Footnote 6: The average amount spent on 20 manufactured cigarettes was XX.X (local currency).

DATA DISSEMINATION MATERIALS



TOBACCO QUESTIONS FOR SURVEYS (TQS) AND TQS-YOUTH INTEGRATION PROJECT

Home About Maps OICStat Database on Tobacco Control News and Events Publications

Click and move the cursor to draw a rectangle on the area you would like to zoom.

TQS-Adult Tobacco Survey Map

USEFUL LINKS
OIC
SESRIC

CONTACT
SESRIC
Kudus Cad. No.9, Diplomatik Site

<https://tqs.sesric.org/>

ANALYSIS AND DISSEMINATION WORKSHOPS

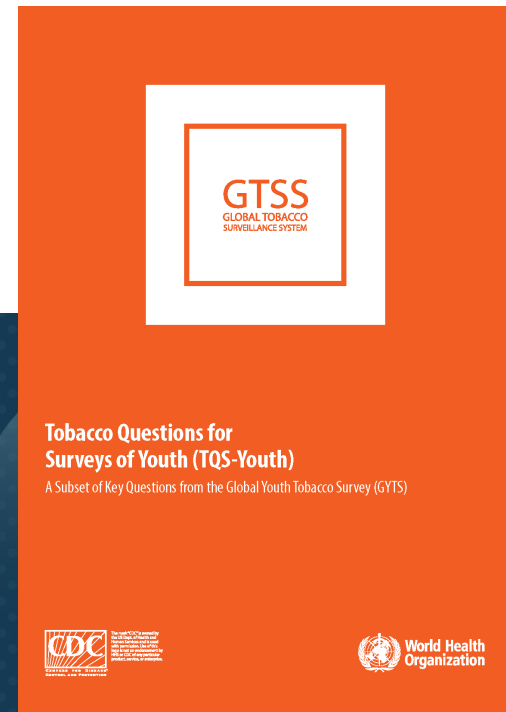
- Data Analysis & Dissemination workshop
 - Develop tobacco fact sheets
- Data to Action workshop
 - Develop tobacco policy briefs
- Collaboration between statistical agencies and ministries of health

  	
WORKSHOP ON "TOBACCO QUESTIONS FOR SURVEYS (TQS): DATA ANALYSIS & DISSEMINATION" 16-17 August 2017 Ankara, Turkey	
AGENDA	
Wednesday, 16 August 2017	
08:45 – 09:10	Registration Quran Recitation (5') Opening Remarks • <i>H.E. Amb. Musa KILIÇAKIYA, Director General, SESRIC (10')</i> • <i>Dr. Pınar URSU, WHO Representative in Turkey, WHO Turkey Office (10')</i> • <i>Ms. Rachna CHANDORA, Team Lead for Programs, CDC Foundation (10')</i>
09:45 – 10:00	SESRIC TQS Engagement Process • <i>Ms. Nenden Octavaria SIANITY, SESRIC</i>
10:00 – 10:30	The Global Burden of Tobacco: Monitoring, Non-Communicable Disease (NCD) Targets and Tracking the Tobacco Epidemic • <i>Dr. Lubna ELIETTI, WHO Headquarters</i>
10:30 – 11:00	Family Photo and Coffee Break
11:00 – 12:30	Tobacco Questions for Surveys (TQS): A Subset of Key Questions from GATS (Overview & Technical Package; Implementation: Guidelines and Examples) • <i>Ms. Rachna CHANDORA, CDC Foundation</i>
12:30 – 14:00	Prayer & Lunch Break
14:00 – 15:15	Countries Presentations: TQS Implementation Experience Facilitator: SESRIC • <i>Dr. Pascal Mogkoro WONDU, Ministry of Public Health of Cameroon (15')</i> • <i>Ms. Abdoulhadié Abdou ADJAF, INSEED of Chad (15')</i> • <i>Mr. Phouck Hermy THA-OR, INS of Cambodia (15')</i> • <i>Mr. Samu LALUWAL, GBOS of Gambia (15')</i> • <i>Mr. Gunung AMANUNTAH, BPS-Statistics Indonesia (15')</i>
15:15 – 15:30	Coffee Break
15:30 – 17:00	Questions and Answers Facilitator: CDC Foundation and SESRIC
19:00 – 21:00	Guid Dinner
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WORKSHOP ON "TRANSFORMING TOBACCO QUESTIONS FOR SURVEYS (TQS) DATA TO ACTION" 12-15 November 2018 Ankara, Turkey	
AGENDA	
Monday, 12 November 2018	
08:45 – 09:10	Registration Quran Recitation (5') Opening Remarks • <i>H.E. Amb. Musa KILIÇAKIYA, Director General, SESRIC (10')</i> • <i>Ms. Rachna CHANDORA, Team Lead for Programs, CDC Foundation (10')</i> • <i>Dr. İdris B. AHUWALIA, Global Tobacco Control Branch Chief, CDC (10')</i>
09:45 – 10:00	Overview of SESRIC's TQS Initiative • <i>Ms. Nenden Octavaria SIANITY, SESRIC</i>
10:00 – 10:30	Family Photo and Coffee Break
10:30 – 12:00	Tobacco Questions for Surveys (TQS): A Subset of Key Questions from GATS (Overview & Technical Package; Implementation: Guidelines and Examples; Review of TQS Analysis Indicators and Tables) Introduction to the TQS Fact Sheet • <i>Mr. Jeremy MORTON, CDC</i>
12:00 – 12:30	Countries Presentations: TQS Implementation Experience • <i>Mr. Amel Derris EZZOUZ, INS of Cameroon (15')</i> • <i>Mr. Ali Helwan Kamel ABDELHAMID, CAPMAS of Egypt (10')</i> 10 minutes for Questions and Answers Facilitator: SESRIC
12:30 – 14:00	Prayer & Lunch Break
14:00 – 15:00	Countries Presentations: TQS Implementation Experience (cont.) • <i>Dr. Nuzul KUSUMABARDANI, MoH of Indonesia (10')</i> • <i>Mr. Khalid Al-Kawaci JMAL-SHAFAI, MDDPS of Qatar (10')</i> • <i>Dr. Peyman ALTAN, MoH of Turkey (10')</i> 10 minutes for Questions and Answers Facilitator: SESRIC
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THANK YOU

To download the TQS-Youth booklet, go to:
bit.ly/TQSyouth



Centers for Disease Control and Prevention

National Center for Chronic Disease Prevention and Health Promotion

Office on Smoking and Health, Global Tobacco Control Branch

The findings and conclusions in this presentation are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

