

Tobacco Questions for Surveys (TQS): A Subset of Key Questions from the Global Adult Tobacco Survey (GATS)

Workshop on TQS 16-17 August 2017 Ankara, Turkey



Overview

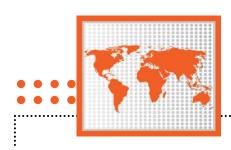
- Introduction to TQS
- TQS Guide Booklet
- Implementation Guidelines
- Examples of TQS Implementation
- Partnerships & Global Alliance
- Questions/Discussion

Introduction



Background

- WHO FCTC / MPOWER: Efficient and systematic surveillance mechanism
- Standard set of tobacco questions across various surveillance activities
- Consistency and comparability in monitoring tobacco use
- GATS developed to generate comparable data within and across countries



Global Standards

- Various surveys measure tobacco use in different ways
 - Sample design
 - Methodology: e.g., mode of administration
 - Questionnaire
- GATS questions have become "Global" standard for systematic monitoring of tobacco use and key tobacco control indicators



Development of TQS

- 2008: Request to select key questions from GATS to propose for ongoing surveys
- 2009-2010: Development of easy to use guide
- 2010: TQS 1st Edition launched in Dublin, Ireland
- 2011: TQS 2nd Edition
- 2013: TQS translations available in 7 languages
- 2013: Global Launch Geneva, Switzerland



TQS Features

- Simple, standard, scientific & tested questions
- Include questions into national and international surveys
 - National health surveys, multi-risk factor surveys, demographic health surveys, non-health surveys
- Sustainable monitoring of tobacco use & key policy measures
- Enhancement of capacity for global monitoring, comparability, pool of reliable data

TQS Guide Booklet



Structure of TQS Guide

- Menu of tobacco indicators/survey questions:
 - Questions on smoking prevalence (3 questions)
 - Questions covering key MPOWER topics (19 questions)
- Select indicators and corresponding survey questions based on need and tobacco control situations
- Select all or some of questions





TQS Content – Key Prevalence Questions

_		Tobacco Topic	Indicator Name and Description
			Current Tobacco Smokers Percentage of respondents who currently smoke tobacco. Current Daily Tobacco Smokers
	itor	Q1. Current tobacco smoking status Q2a. Past daily smoking status (for	Percentage of respondents who currently smoke tobacco daily.
	Monitor	current less than daily smokers)	Former Daily Tobacco Smokers (Among All Adults)
	2	Q2b. Past smoking status (for current non-smokers)	Percentage of respondents who are ever daily tobacco smokers and currently do not smoke tobacco.
			Former Daily Tobacco Smokers (Among Ever Daily Smokers)
			Percentage of ever daily tobacco smokers who currently do not smoke tobacco.



TQS Content – Monitor

	Tobacco Topic	Indicator Name and Description	
Monitor	Q3. Number of tobacco products smoked per day	Current [<i>Product</i>] Smokers Percentage of respondents who currently smoke [<i>product</i>]. Cigarettes Smoked per Day Average number of cigarettes smoked per day (of daily cigarette smokers)	



TQS Content – Monitor

•	Tobacco Topic	Indicator Name and Description
Monitor	Q4. Current smokeless tobacco use Q5a. Past daily smokeless use (for current less than daily users) Q5b. Past smokeless use (for current non-smokeless users)	Current Smokeless Tobacco Users Percentage of respondents who currently use smokeless tobacco. Current Daily Smokeless Tobacco Users Percentage of respondents who currently use smokeless tobacco daily. Former Daily Smokeless Tobacco Users (Among All Adults) Percentage of respondents who are ever daily smokeless tobacco users and currently do not use smokeless tobacco. Former Daily Smokeless Tobacco Users (Among Ever Daily Users) Percentage of ever daily smokeless tobacco users who currently do not use smokeless tobacco.



TQS Content – Protect

Tobacco Topic Indicator Name and Description		Indicator Name and Description
	Q6. Frequency of anyone smoking at home	Exposure to Secondhand Smoke at Home Percentage of respondents who report that smoking occurs inside their home.
Protect	Q7. Currently work outside home	
Pro	Q8. Work indoor/ outdoor	Exposure to Secondhand Smoke at Work Percentage of indoor workers who were exposed to tobacco smoke at work in the past 30 days.
	Q9. Anyone smoke at work during the past 30 days	



TQS Content – Offer

Tobacco Topic		Indicator Name and Description	
	Q10. Tried to quit in past 12 months	Smoking Quit Attempt in the Past 12 Months Percentage of current tobacco smokers who tried to quit during the past 12 months.	
Offer	Q11. Visiting a doctor in past 12 months	Health Care Provider's Advice to Quit Smoking Tobacco Percentage of current tobacco smokers who	
	Q12. Receiving advice to quit smoking from doctor	visited a doctor or health care provider during the past 12 months and were advised to quit smoking tobacco.	



TQS Content – Warn

	Tobacco Topic	Indicator Name and Description	
	Q13. Noticing anti-cigarette information in newspapers or magazines	Awareness of Anti-Cigarette Information in Newspapers/Magazines Percentage of respondents who have noticed information about the dangers of smoking cigarettes or that encourages quitting in newspapers or magazines in the last 30 days.	
Warn	Q14. Noticing anti-cigarette information on television	Awareness of Anti-Cigarette Information on Television Percentage of respondents who have noticed information about the dangers of smoking cigarettes or that encourages quitting on television in the last 30 days.	
3	Q15. Noticing health warnings on cigarette packs	Noticing Health Warning Labels on Cigarette Packages Percentage of current smokers who noticed health warnings on cigarette packages in the last 30 days.	
	Q16. Thinking about quitting because of health warnings	Thinking of Quitting Because of Health Warning Labels on Cigarette Packages Percentage of current smokers who reported thinking about quitting smoking in the last 30 days because of the warning labels on cigarette packages.	



TQS Content – Enforce

	Tobacco Topic	Indicator Name and Description	
	Q17. Noticing cigarette advertisements in stores	Awareness of Cigarette Advertising in Stores Percentage of respondents who have noticed any advertisements or signs promoting cigarettes in stores where cigarettes are sold in the last 30 days.	
Enforce	Q18. Noticing cigarette promotions	Awareness of Specific Types of Cigarette Promotions Percentage of respondents who noticed [free samples of cigarettes, cigarettes at sales prices, coupons for cigarettes, free gifts or discounts on other products when buying cigarettes, clothing or other items with a cigarette brand name or logo, cigarette promotions in the mail] in the last 30 days.	



TQS Content – Raise

	Tobacco Topic	Indicator Name and Description	
Raise	Q19. Last cigarette purchase – quantity Q20. Last cigarette purchase – cost	Cost of Manufactured Cigarettes Average amount spent on a pack of manufactured cigarettes (in local currency). Cigarette Affordability Average cost of 100 packs of manufactured cigarettes as a percentage of Gross Domestic Product (GDP) per capita.	



TQS Example: Survey Question

Q1. Current Tobacco Smoking Status

Do you currently smoke tobacco on a daily basis, less than daily, or not at all?

DAILY 1
LESS THAN DAILY 2
NOT AT ALL 3
DON'T KNOW 7

Purpose

Determines the current tobacco smoking status of the respondent.

Instructions

Ask question and record only one answer. (DON'T KNOW should not be read to the respondent.)

Definitions

Daily means smoking at least one tobacco product every day or nearly every day.

Indicator 1

Current Tobacco Smokers: Percentage of respondents who currently smoke tobacco.

Numerator: Number of current daily and less than daily tobacco smokers.

Denominator: Total number of respondents surveyed.

Indicator 2

Current Daily Tobacco Smokers: Percentage of respondents who currently smoke tobacco daily.

Numerator: Number of current daily tobacco smokers. Denominator: Total number of respondents surveyed.



TQS Example: Analysis Table Shell

Table 11-1. Detailed Smoking Status by Gender

Smoking Status	Overall	Male	Female
		Percentage (95% C	<u></u>

Current tobacco smoker

Daily smoker

Occasional smoker

Occasional, formerly daily

Occasional, never daily

Current non-smoker

Former smoker

Former daily smoker

Former occasional smoker

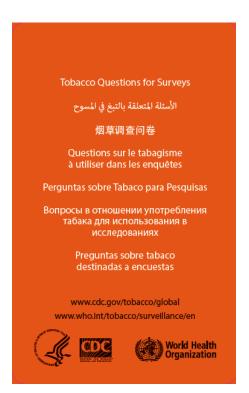
Never smoker

Implementation Guidelines



TQS Technical Package

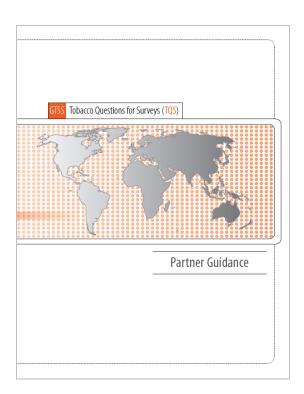
- TQS guide booklet
 - English, Arabic, Chinese, French,
 Portuguese, Russian, Spanish
- Mini fold-out pocket guide
 - English, Arabic, Chinese, French,
 Russian, Spanish
- Partner Guidance
- TQS Fact Sheet





Partner Guidance

- Recommended guidance for the integration of TQS into ongoing surveys
- Describes technical assistance available from GTSS partners





Guidelines: Study Design

- TQS questions developed for and tested in survey populations 15 years of age or older
 - Currently developing TQS for youth surveys (release in March 2018)
- TQS questions developed for a face-to-face household survey
 - Adaptation may be needed for other modes of administration (e.g., telephone, mail, internet)



Guidelines: Questionnaire

- Encouraged to use all 22 TQS questions for comprehensive evaluation
- TQS questions should be placed together
- Placement in a multi-topic survey depends on survey purpose, topics, and length
- Keep question wording the same for purposes of comparability and validity
 - Minor adaptations may be needed



Guidelines: Use of TQS Data

- Evaluation and monitoring of existing tobacco control policies and programs
- Inform development and implementation of new interventions at community, sub-national and national levels
- Comparison to past and current surveys with tobacco questions
 - Interpret carefully, taking into account differences in survey methods (such as questionnaire wording, context, sample design, target population, mode of administration, etc.)



Guidelines: Technical Assistance

- TQS is an open-source tool
 - CDC tracks the use of TQS
- Expert consultation from WHO, CDC
 - Questionnaire: wording, skip logic, placement
 - Study design: sample design, data collection procedures
 - Analysis and reporting: construction of indicators, tables, graphs
- Funding opportunities through CDC Foundation

Examples of Implementation



Survey Platforms for TQS Integration

National

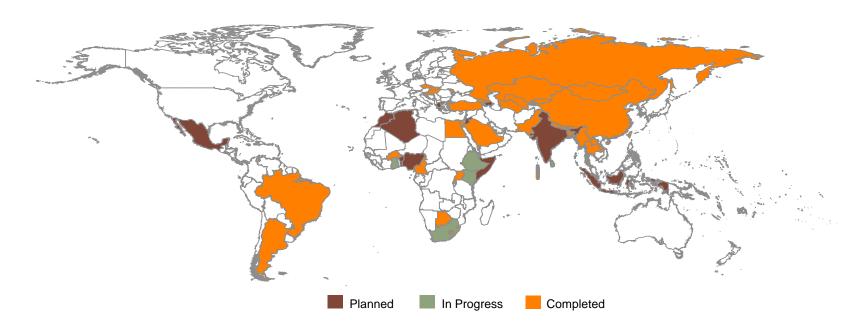
- Health surveys
- TB surveys
- Nutrition and examination surveys
- Household living standards

International

- STEPS
- DHS
- MICS
- EHIS
- Drug use surveys (UNODC/OAS)
- RHS



TQS Implementation 2008-2017



79 countries have completed surveys with TQS integration



Implementation: Examples of GATS Countries

- Argentina: National Risk Factor Survey, 2013
- Bangladesh: WHO STEPS, 2010
- Brazil: National Health Survey (PNS), 2013
- China:
 - Behavioral Risk Factor Surveillance System (BRFSS), 2011
 - Health Literacy Survey, 2012
 - City Adult Tobacco Survey, 2013-2014
 - WHO Study on global AGEing and adult health (SAGE),
 2015



Implementation: Examples of GATS Countries

- India: WHO Study on global AGEing and adult health (SAGE), 2015
- Kazakhstan: Almaty city initiative, 2013
- Kenya: WHO STEPS, 2015
- Mexico: WHO Study on global AGEing and adult health (SAGE), 2015
- Pakistan:
 - UNODC National Health Behaviour Survey, 2012
 - WHO STEPS, 2014



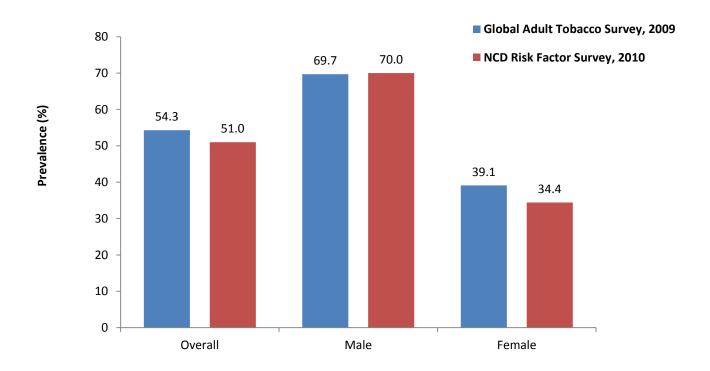
Implementation: Examples of GATS Countries

- Qatar: WHO STEPS, 2012
- Russian Federation:
 - Reproductive Health Survey (RHS), 2011
 - WHO Study on global AGEing and adult health (SAGE), 2015
- Thailand: Cigarette Smoking and Alcohol Drinking Behavior Survey (CSAD), 2011
- Turkey: National Health Survey (NHS)
 - First country to integrate TQS into a national health survey
 - Completed 4 rounds, 2008-2014
- Uganda:
 - WHO STEPS, 2014
 - National Tuberculosis Prevalence Survey, 2014-2015



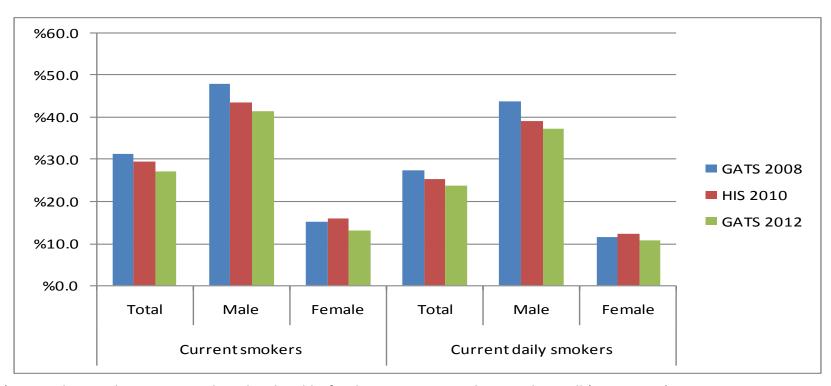
Comparison of GATS to TQS: Bangladesh

Current tobacco users among adults aged 25 years and above by gender in Bangladesh





Monitoring Tobacco Use Over Time Using TQS: Turkey



^{*}HIS results on tobacco are not shared with public for the years GATS implemented as well (2008, 2012)

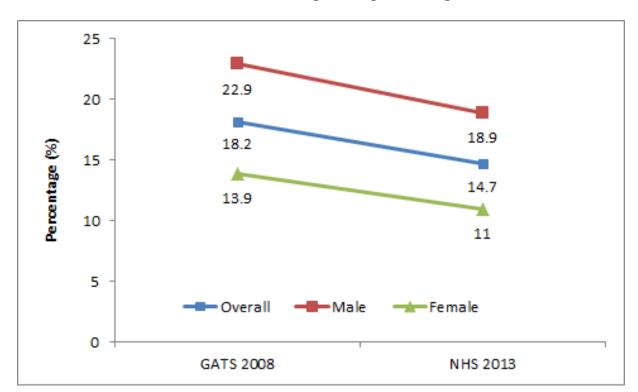
Source: TurkStat presentation at the 2014 OIC-SESRIC StatCom meeting

^{*}This indicator shows that we can provide the sustainability and consistency in measuring some indicators on tobacco by means of HIS conducted in every two years.



Monitoring Tobacco Use Over Time Using TQS: Brazil

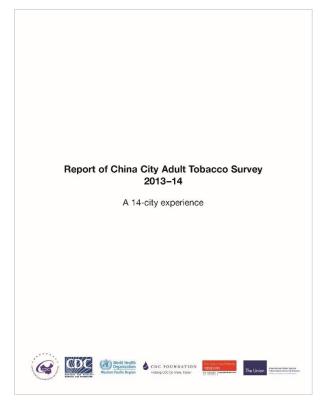
Prevalence of current tobacco smoking among adults aged 18 and above in Brazil

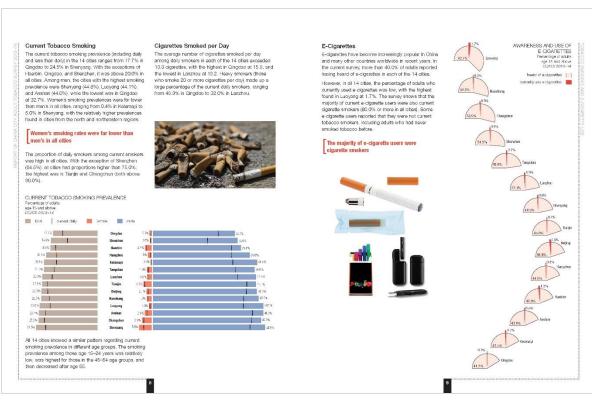


Source: Global Adult Tobacco Survey (GATS-2008) & National Health Survey (NHS-2013)



Subnational Monitoring Using TQS: China City Adult Tobacco Survey





Partnerships & Global Alliance



QS GLOBAL ALLIANCE AIMS TO PROMOTE THE



















THE TARGET IS TO INTEGRATE TQS IN 70 COUNTRIES BY 2016

Achieved!



Formal Partnerships

- WHO STEPwise approach to Surveillance (STEPS)
 - Funding provided for inclusion of TQS
 - Round 1: 10 completed countries
 - Round 2: 11 countries (ongoing)









Formal Partnerships

- OIC Statistical, Economic and Social Research and Training Centre for Islamic Countries (SESRIC)
 - Funding provided for SESRIC engagement with national statistical organizations of OIC countries for TQS inclusion
 - 12 countries have completed data collection



SESRIC: Fieldwork Completed

- Analysis completed with populated tables:
 - Azerbaijan: National Household Budget Survey
 - Egypt: National Labour Force Survey
 - Indonesia: National Socioeconomic Survey
 - Mali: Modular and Continuous Household Survey
 - Mauritania: Multiple Indicators Cluster Surveys
 - Niger: National Survey on Behaviors, Attitudes and Practices in Human Trafficking
 - Senegal: Demographic and Health Survey
 - Togo: FinScope Consumer Survey



SESRIC: Fieldwork Completed

- Analysis in-progress:
 - Cote d'Ivoire: National Survey on the Situation of Employment and the Informal Sector
 - Gambia: Integrated Household Survey
 - Sierra Leone: Tobacco Use Behavioral Survey
 - Tajikistan: Household Survey on Standard of Living



Tobacco Questions for Surveys (TQS): A Subset of Key Questions from the Global Adult Tobacco Survey (GATS)

Workshop on TQS 16-17 August 2017 Ankara, Turkey