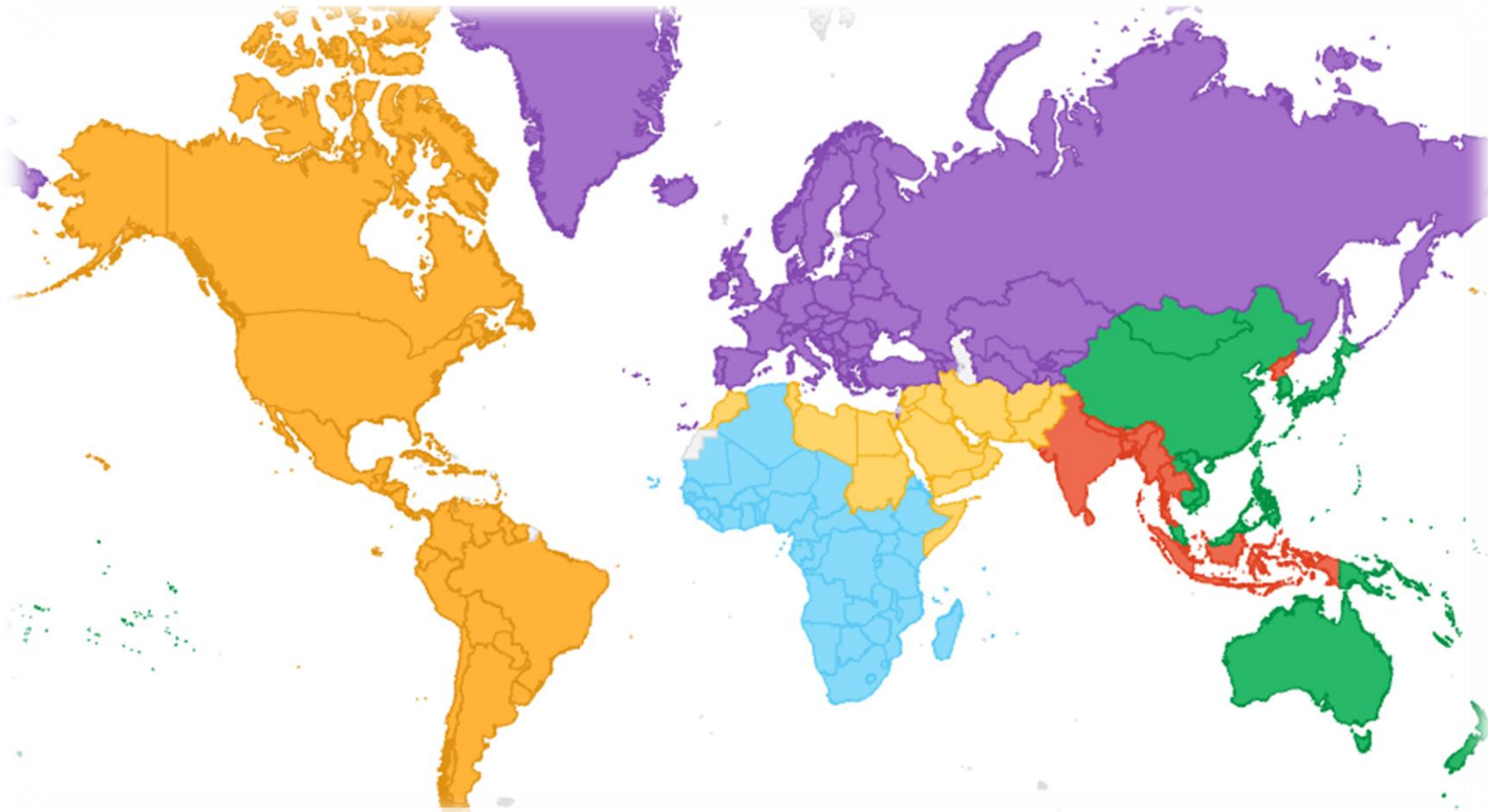


# Monitoring Tobacco Use and Exposure to Environmental Tobacco Smoke

CORINNE GRAFFUNDER, DRPH, MPH  
DIRECTOR, OFFICE ON SMOKING AND HEALTH





# Global Tobacco Surveillance System

- A set of globally standardized surveys
- Systematically monitor youth and adult tobacco use and key tobacco control indicators
- Monitor tobacco use and tobacco prevention and control interventions
- Closely linked with both WHO's Framework Convention on Tobacco Control [FCTC] and MPOWER measures

[www.cdc.gov/tobacco/global](http://www.cdc.gov/tobacco/global)



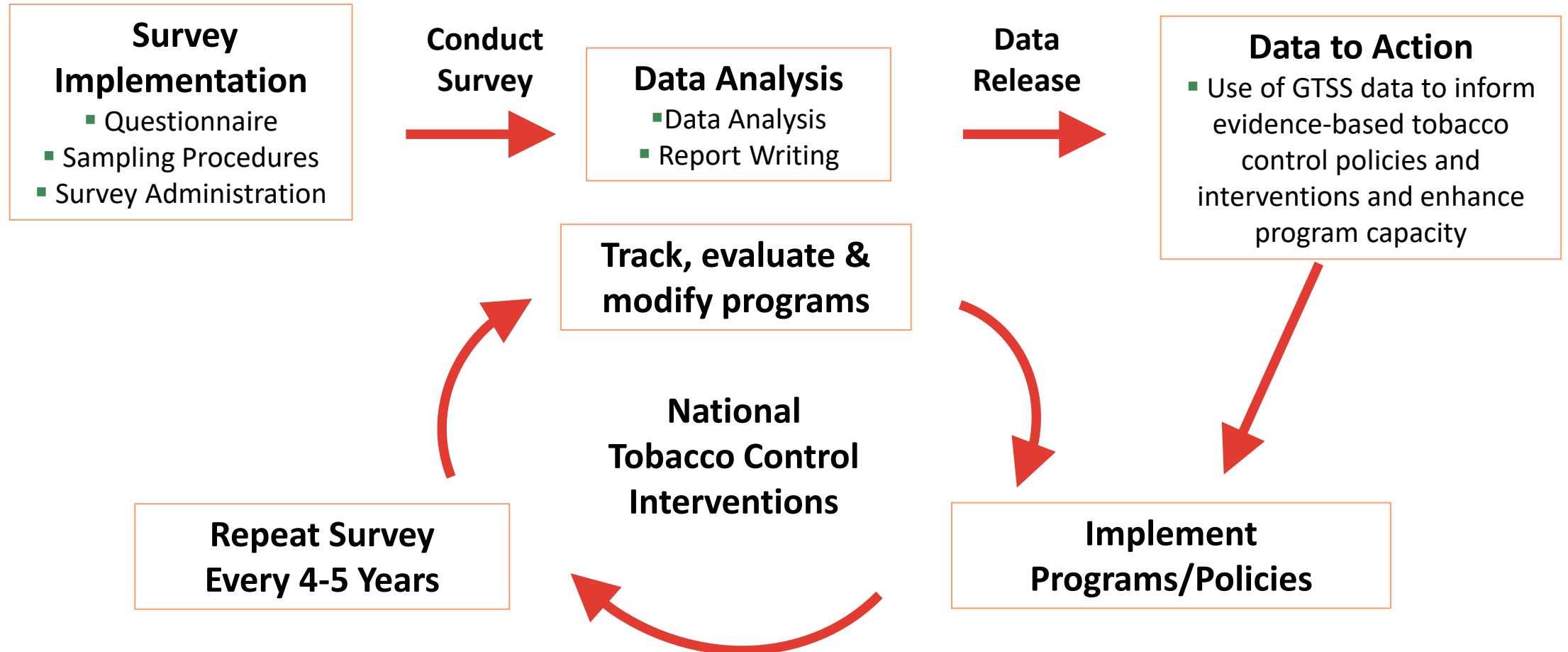
**FCTC**

WHO FRAMEWORK CONVENTION  
ON TOBACCO CONTROL





# Global Tobacco Surveillance System Framework



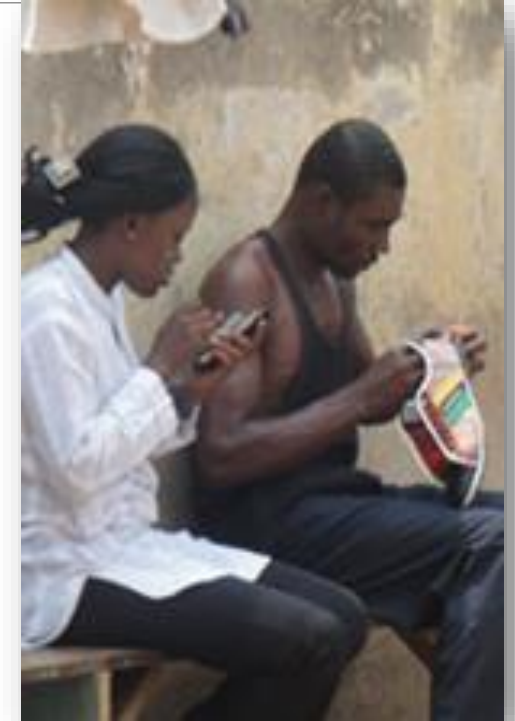


# Global Tobacco Surveillance System

**GYTS** | GLOBAL YOUTH TOBACCO SURVEY

**GATS** | GLOBAL ADULT TOBACCO SURVEY

**TQS** | TOBACCO QUESTIONS FOR SURVEYS







# Global Tobacco Surveillance System

**GYTS** | GLOBAL YOUTH TOBACCO SURVEY

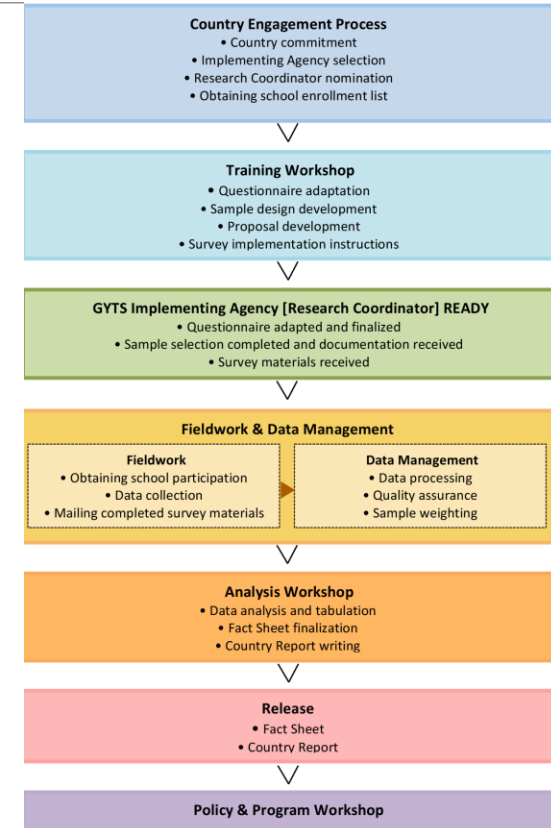
**GATS** | GLOBAL ADULT TOBACCO SURVEY

**TQS** | TOBACCO QUESTIONS FOR SURVEYS



# GYTS| Overview

- Global standard for systematically monitoring youth tobacco use
- Nationally representative school-based survey of youth age 13 to 15 years old
- Generate comparable data within and across countries
- Standard, systematic and consistent process for all countries

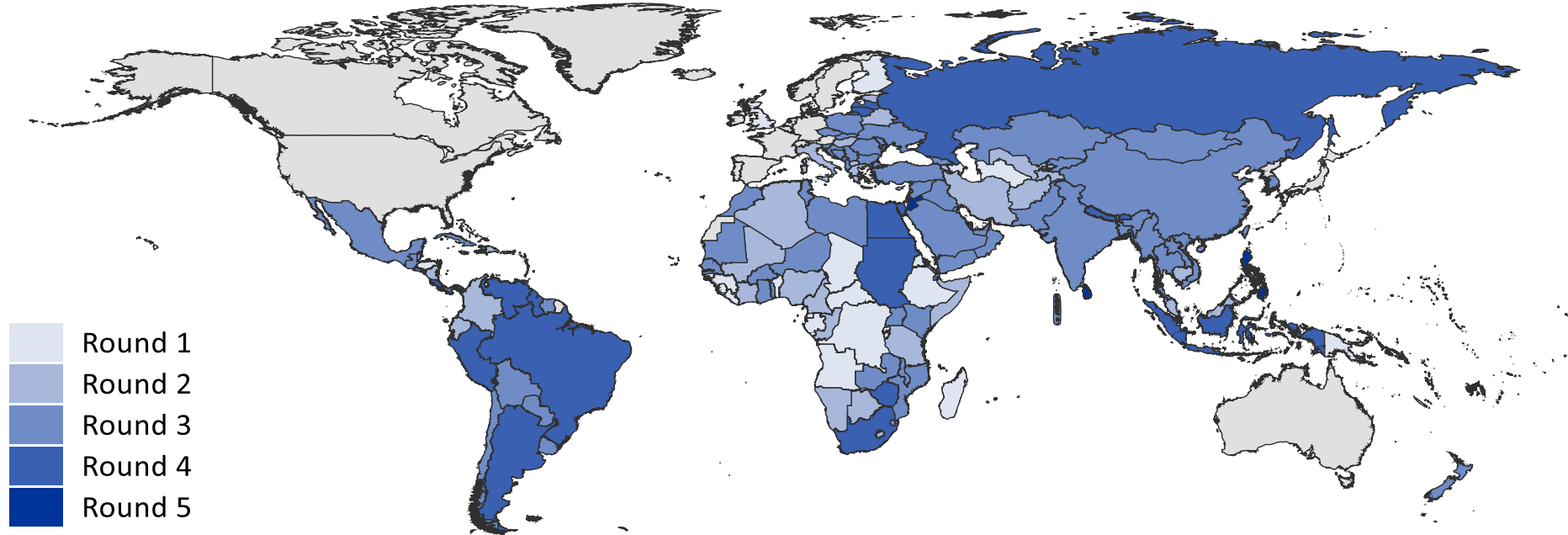


# GYTS| Topics Covered

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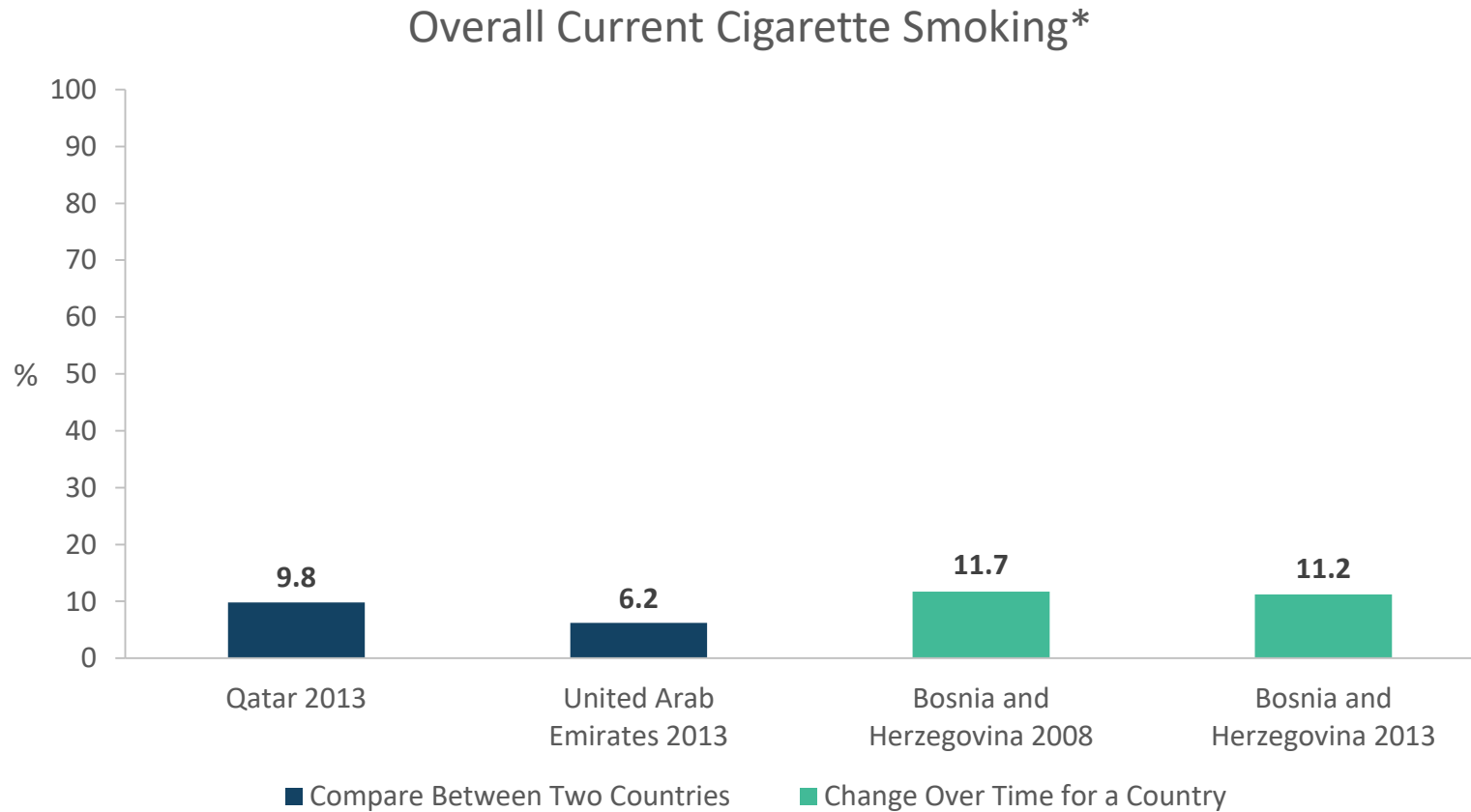
- Knowledge and attitudes (cigarettes)
- Prevalence (cigarette and other tobacco use)
- New and emerging tobacco products (electronic cigarettes)
- Role of the media and advertising in students' use of cigarettes
- Access to cigarettes
- Tobacco-related school curriculum
- Second-hand tobacco smoke exposure
- Cessation (cigarettes)

# GYTS | 1999-2018: Active in 188 Countries/Sites



- One of the largest public health surveillance system ever developed and maintained
- Repeated 2<sup>nd</sup> round in 151 countries, 3<sup>rd</sup> in 116, 4<sup>th</sup> in 52 countries, and 5<sup>th</sup> in 5 countries

# GYTS | Monitoring Current Cigarette Smoking



\*Current cigarette smoking is defined as smoking cigarettes on at least 1 day during the past 30 days

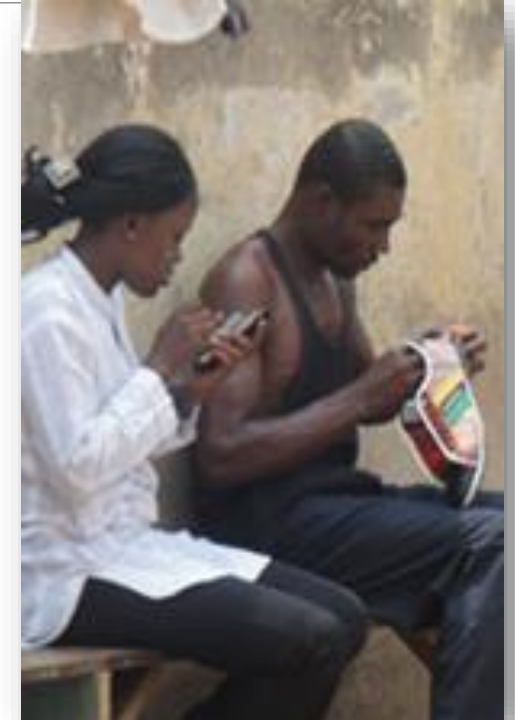


# Global Tobacco Surveillance System

**GYTS** | GLOBAL YOUTH TOBACCO SURVEY

**GATS** | GLOBAL ADULT TOBACCO SURVEY

**TQS** | TOBACCO QUESTIONS FOR SURVEYS





# GATS| Overview

- Global standard for systematically monitoring adult tobacco use
- Nationally representative household survey of adults aged  $\geq 15$  years older
- Generate comparable data within and across countries
- Standard, systematic and consistent process for all countries

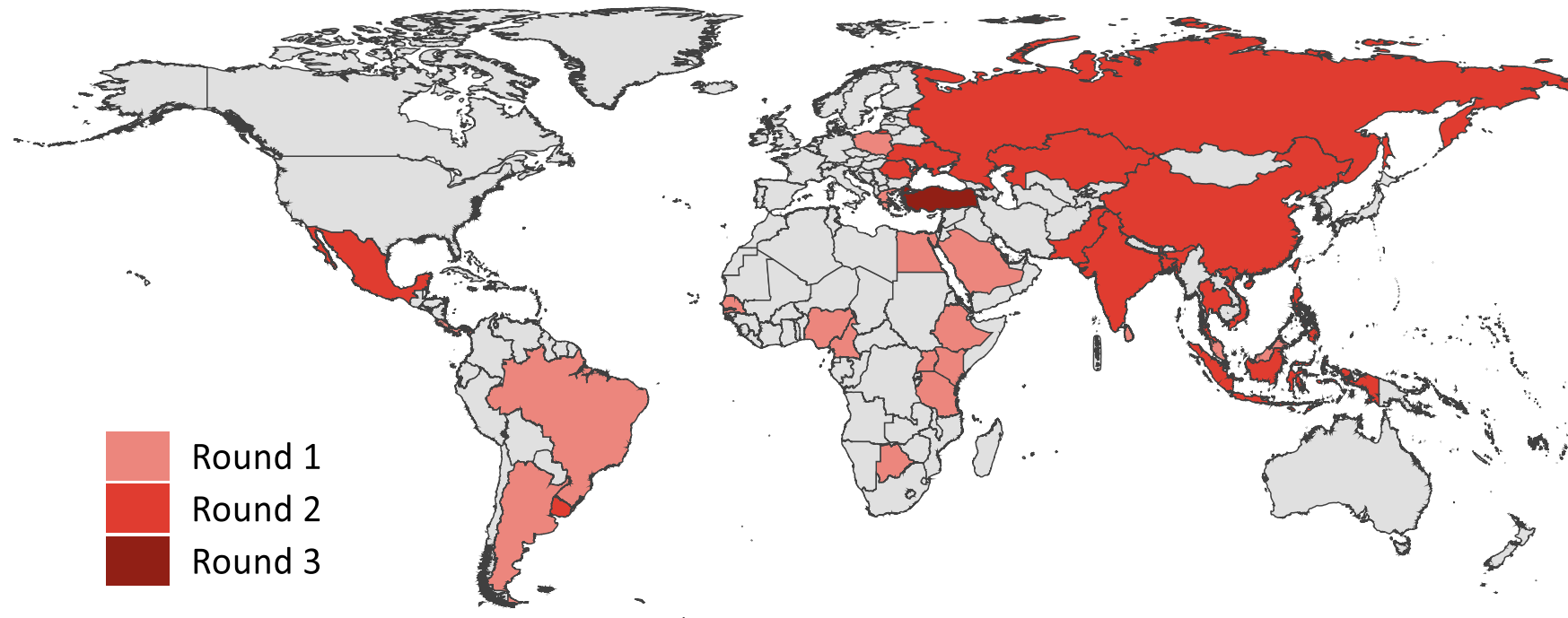


# GATS| Topics Covered

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- Tobacco use prevalence (smoking and smokeless tobacco products)
- New and emerging tobacco products (electronic cigarettes)
- Second-hand tobacco smoke exposure and policies
- Cessation
- Knowledge, attitudes and perceptions
- Exposure to pro and anti-tobacco media
- Economics

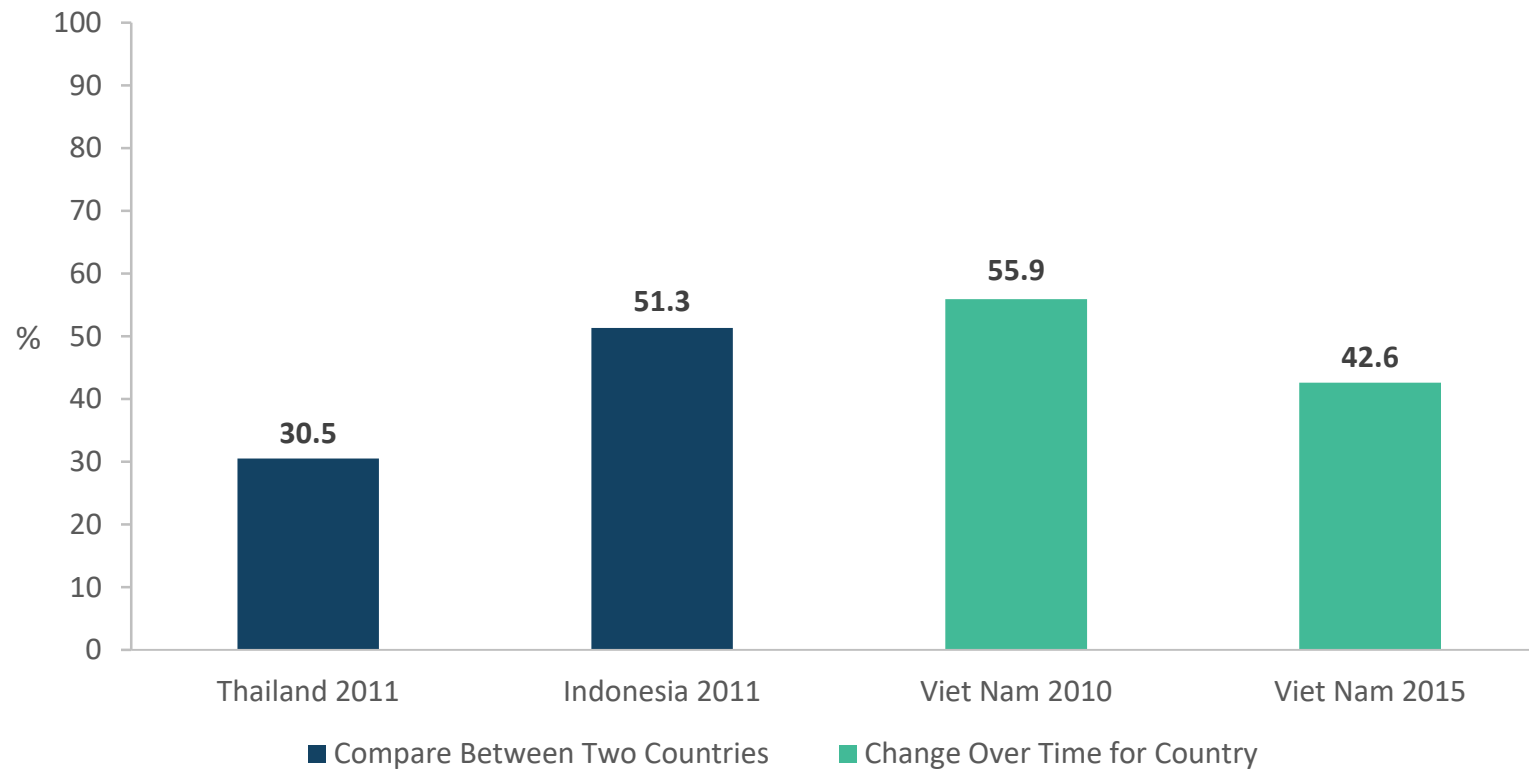
# GATS| 2008-2018: Active in 34 Countries



- GATS is implemented in 34 countries representing more than 70% of the world's adult population
- Repeated 2nd round in 11 countries, 3rd round in 1 country.

# GATS | Monitoring Exposure to Secondhand Smoke

Overall Exposure to Secondhand Smoke in the Work Place\*



\*Exposure to secondhand smoke in the work place is defined as being exposed to smoke in indoor areas at work during the past 30 days

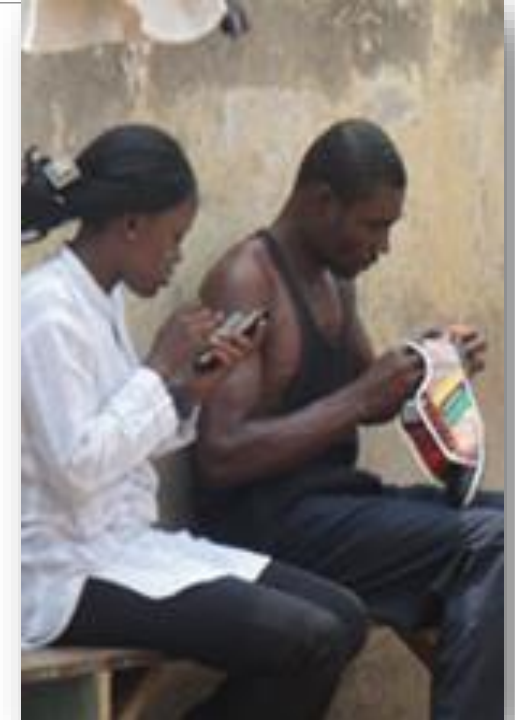


# Global Tobacco Surveillance System

**GYTS** | GLOBAL YOUTH TOBACCO SURVEY

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**TQS** | TOBACCO QUESTIONS FOR SURVEYS



# TQS| Overview

**Objective:** To provide sustainable monitoring of tobacco use and key policy measures

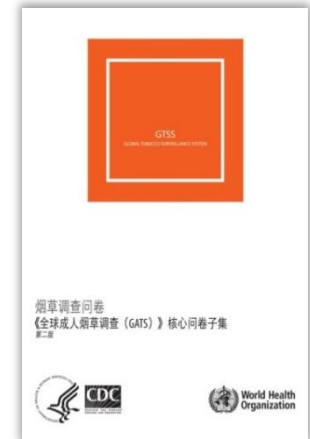
**What:** Key tobacco questions for inclusion in national and international surveys of adults

- Questions on smoking prevalence (3 questions)
- Questions covering key MPOWER topics (19 questions)

**Selection Options:** Based on country preference

- Select all or some

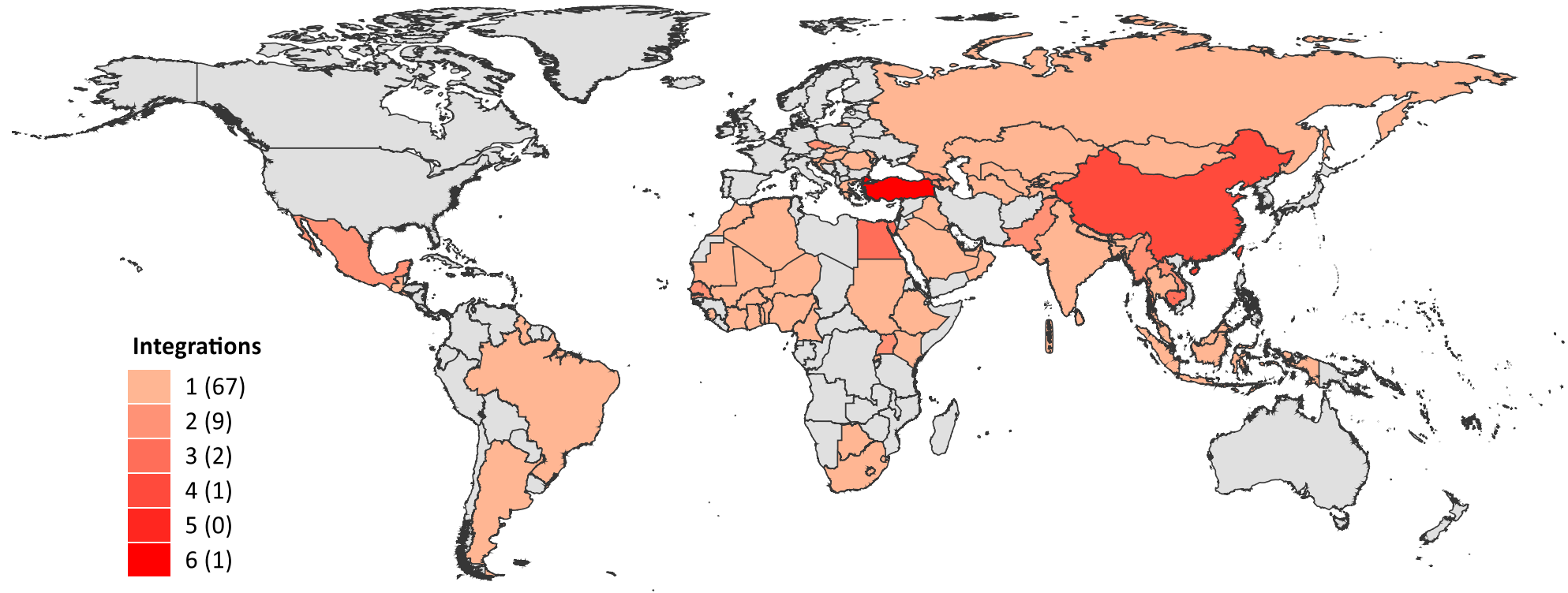
**Outcome:** Enhancement of global monitoring, comparability, pool of reliable data



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



# TQS|Implementation 2008-2018



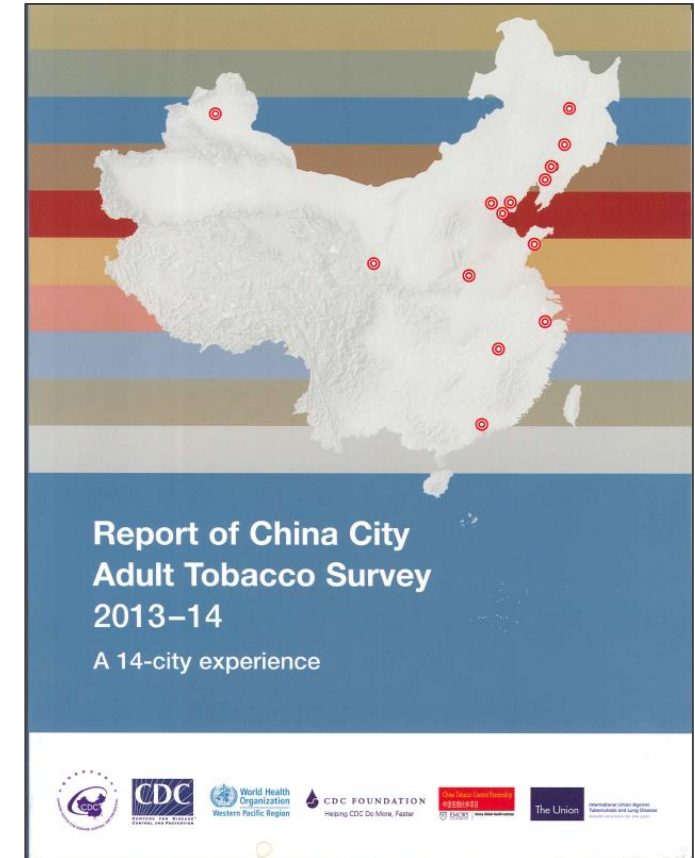
To date, 79 countries completed surveys with TQS integration

# TQS| Survey Platforms for Integration

Survey	Number of Countries	
	Completed	In Progress
STEPS	44	1
SAGE	5	1
MICS	3	
EHIS	3	
BRFSS	2	
RHS	2	
DHS	1	
CINDI	2	
OAS/CICAD	1	
Health or Other National Surveys <sup>#</sup>	38	
<b>Total Surveys *</b>	<b>101</b>	<b>2</b>

<sup>#</sup> includes 12 SESRIC countries

\*13 countries have integrated in more than 1 survey





# Global Tobacco Surveillance System

## DATA DISSEMINATION





**[www.cdc.gov/tobacco/global](http://www.cdc.gov/tobacco/global)**  
**[www.who.int/tobacco/en/](http://www.who.int/tobacco/en/)**

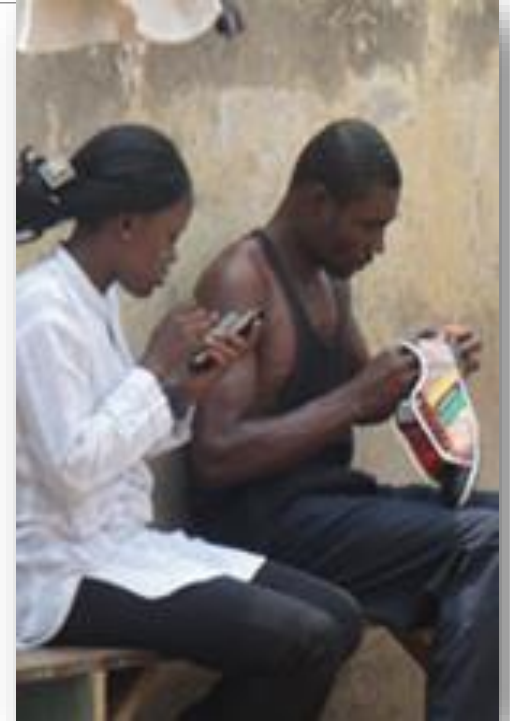
<https://www.train.org/cdctrain/course/1065883/>





# Global Tobacco Surveillance System

## FUTURE DIRECTIONS



# FUTURE DIRECTIONS

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- Updates to GTSS Data website  
<https://www.cdc.gov/tobacco/global/gtss/gtssdata/index.html>
- TQS-Youth
- Heated tobacco products, or “heat-not-burn,” questions for GYTS and GATS
- Continued surveillance efforts among youth and adults using GYTS and GATS
  - When GYTS or GATS cannot be implemented, integrated TQS and TQS-Youth
- Tobacco Industry monitoring
- Continued distribution of *Treatment & Beyond* and other resources for health care providers to enhance capacity for cessation
- Continued Data to Action trainings for translation of GTSS data into enhanced tobacco control





# Surveillance Is Critical

# Thank You

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[www.cdc.gov/tobacco/global](http://www.cdc.gov/tobacco/global)



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For more information, contact:

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

