## global tobacico

## Country reports

The World Health Organization (WHO) and the Centers for Disease Control and Prevention (CDC), Atlanta, developed the Global Youth Tobacco Survey to track tobacco use among youth across countries using a common methodology and core questionnaire. Information from the Survey is compiled within the participating country by a Research Coordinator nominated by the Ministry of Health, and technically reviewed by WHO and CDC. The content has not otherwise been edited by WHO or CDC.

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Regional Office for the Eastern Mediterranean


[^0]General National Congress
Libyan Interim Government Ministry of Health

## LIBYA COUNTRY REPORT OF: THE GLOBAL YOUTH TOBACCO SURVEY 2010 GYTS

## CONTENTS

Item Page

1. Foreword ..... 4
2. Acknowledgements ..... 5
3. Summary ..... 6
4. Introduction ..... 7
a. Country Demographics ..... 7
b. WHO Framework Convention on Tobacco Control and MPOWER ..... 7
c. Purpose and Rationale ..... 8
d. Current State of Policy ..... 9
e. Other Tobacco Surveys ..... 9
f. Country-Specific Objectives ..... 9
5. Methods ..... 10
a. Sampling ..... 10
b. Data Collection ..... 10
c. Data Analysis ..... 10
6. Results ..... 11
a. Prevalence ..... 11
b. Knowledge and Attitudes ..... 13
c. Access and Availability ..... 14
d. Exposure to Secondhand Smoke ..... 15
e. Cessation ..... 16
f. Media and Advertising ..... 17
g. School ..... 18
7. Discussion ..... 19
a. Summary of Results ..... 21
b. Comparison to Previous Tobacco Surveys ..... 22
c. Relevance to FCTC ..... 24
d. Relevance to Country ..... 25
e. Proposed Interventions/Further Studies ..... 25
8. Recommendations ..... 26
9. References ..... 27
10. Appendixes ..... 28

## List of tables

| Table. No |
| :--- |
|  |
|  pable Title  <br> 1. Demographic characteristics of the sample Libya, 2010. 7 <br> 2. Tobacco use amongst students in Libya 11 <br> 3. Prevalence of use SHISHA amongst students in Libya 12 <br> 4. Access and Availability of tobacco products.. 13 <br> 5. Knowledge and Attitudes regarding tobacco use among student 14 <br> 6. The exposure to environmental tobacco smoke among students 15 <br> 7. Cessation attempts of tobacco use by students 16 <br> 8. School Curriculum regarding tobacco education 17 <br> 9. Exposure to Media and Advertising regarding tobacco 18 <br> 10. comparison between the results of the GYTS 2003 - 2007 and 2010 22 |

## Foreword

Tobacco use is one of the major preventable causes of premature death and disease in the world. The World Health Organization (WHO) attributes approximately 5 million deaths a year to tobacco. The number is expected to exceed 10 million deaths by 2020, with approximately $70 \%$ of these deaths occurring in developing countries, unless interventions influence the current prevalence trend. Tobacco use is a known cause for diseases such as cancers, cardiovascular diseases and more than 25 other diseases. In addition, tobacco use results in expensive health care services in response to growing number of morbidities and disabilities.
It, furthermore, consumes the incomes of individuals and families leading to further weakening of the social and economic infrastructure of the counties. For younger generations, tobacco use can also be first step towards drug addiction. Many countries have adapted policies to counteract this avoidable hazard and to protect future generations from its harmful effects.
Libya is not an exception from the negative impact of tobacco epidemic, as tobacco use is directly related to the incidence of cardiovascular disease and cancers as the two leading causes of death in the country.
In order to set a comprehensive national tobacco programme, the world health organization \{WHO\} has introduced the Global Youth Tobacco Survey with collaboration with Centers for Diseases control in \{USA \} \{CDC\} to assist countries to identify the magnitude of the tobacco problem.
Libya is among the countries that successfully completed\{ GYTS\} for the third time through the Health Information Center in the Ministry Of Health in collaboration with the Ministry of Education, the results of which are presented in this report with the aim that it would be used by health planners, decision makers, researchers, teachers, parents, NGOs and any other relevant authority that deals with the healthcare of the younger generation, in order to consolidate all their effort to promote health and prevent the tobacco epidemic.
Finally, I would like to seize this opportunity to thank WHO-EMRO, collaborating center of CDC and all participants in GYTS3 - LIBYA for their fruitful efforts that led to the completion and results of this important survey.

## Dr: Fatima Hamroush Minister of Health

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## . Executive summary

The global youth tobacco survey known as \{GYTS \} was introduced in LIBYA for the first time in 2003 , and for second time 2007 and in 2010 for third time, by help of World Health Organization east of Mediterranean regional office in collaboration with Centers for Diseases control $\{C D C\}$ in USA , the aim of this survey is to obtain baseline information about tobacco use among students in following aspects :-

- Prevalence of tobacco use.
- Knowledge and attitude.
- Access and availability.
- Environment tobacco smoke.
- Cessation.
- Media and advertising of tobacco.
- School curriculum .

The \{GYTS $\}$ was performed in Libya in February 2010 in $\{50\}$ schools in $\{92\}$ classes which students of age from 13 to 15 are taught at school grades $\left\{7\right.$ th, $8^{\text {th }}, 9$ th $\}$, the total number of students surveyed was $\{\mathbf{2 , 0 1 2}\}$ male and female students in $\{16\}$ different shabiat $\{$ districts $\}$ The results of this two stage survey sample can be summarized as follows:-

- $13.4 \%$ of students had ever smoked cigarettes $($ Boys $=20.2 \%$, Girls $=6.6 \%)$
- $8.1 \%$ currently use any tobacco product (Boys $=11.0 \%$, Girls $=5.0 \%$ )
- $4.3 \%$ currently smoke cigarettes $($ Boys $=6.1 \%$, Girls $=2.0 \%)$
- $4.3 \%$ currently smoke shisha (Boys $=6.0 \%$, Girls $=2.6 \%$ )
- $5.8 \%$ currently use other tobacco products (Boys $=7.5 \%$, Girls $=4.1 \%$ )
- $28.0 \%$ of never smokers are likely to initiate smoking next year
- $15.7 \%$ think boys and $10.2 \%$ think girls who smoke look more attractive
- $5.8 \%$ who have most or all friends who smoke.
- $27.7 \%$ buy cigarettes in a store
- $35.7 \%$ live in homes where others smoke in their presence
- $35.1 \%$ are around others who smoke in places outside their home
- $70.9 \%$ think smoking should be banned from public places
- $72.4 \%$ think smoke from others is harmful to them
- $34.6 \%$ have one or more parents who smoke
- $5.0 \%$ have most or all friends who smoke
- . $2 \%$ have ever received help to stop smoking
- $72.2 \%$ have ever received help to stop smoking
- $79.6 \%$ saw anti-smoking media messages, in the past 30 days
- $57.6 \%$ saw pro-cigarette ads in newspapers or magazines, in the past 30 days
- $10.5 \%$ have an object with a cigarette brand logo
- $60.0 \%$ had been taught in class, during the past year, about the dangers of smoking
- $47.0 \%$ had discussed in class, during the past year, reasons why people their age smoke


## Introduction

The Global Youth Tobacco Survey was developed by the Tobacco Free Initiative (TFI), World Health Organization (WHO) and the Office on Smoking and Health (OSH) of the United States Centers for Disease Control and Prevention (CDC) in collaboration with a range of countries representing the six WHO regions to gather comprehensive tobacco prevention and control information on young people

The GYTS is a school-based survey that uses a two-stage cluster sample design to produce representative samples of students in grades associated with the age group 13-15 years. The sampling frame includes all schools containing any of the identified grades. In the first stage, the probability of schools being selected is proportional to the number of students enrolled in the specified grades. At the second stage, classes within the selected grades are randomly selected. All students in the selected classes attending school on the day of the survey are eligible to participate. Student participation is voluntary and anonymous using self-administered data collection procedures.

In GYTS - Libya 2010 the Number of targeted schools was 50 schools, and number of schools participated was 50 with $100 \%$ school response rate, and number of students targeted 1875 and number of students participated 2056, with 2012 completed usable questionnaires with $97.9 \%$ rate of response. The over all response rate is $97.9 \%$.
the Distribution of participated Students by gender ,grade and age as follows :-
\{Table. 1\} Demographic characteristics of the sample Libya, 2010 ;

| Category | Value | $\%$ | Category | Value | $\%$ | Category | Value | $\%$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender |  |  | Grade |  |  | Age |  |  |
|  |  |  |  |  |  | $13>$ | 411 | 20.9 |
| Male | 999 | 48.4 | Seven | 672 | 30.9 | 13 | 470 | 24.1 |
| Female | 956 | 51.6 | Eight | 560 | 30.9 | 14 | 474 | 24.1 |
|  |  |  | Nine | 775 | 38.2 | 15 | 417 | 20.8 |
| Total | 1955 | 100 | Total | 1814 | 100 | $15<$ | 204 | 10.1 |

## Country Demographics:

Libya is located in north Africa on the southern coast of the Mediterranean sea, with total land area of 1665000 square kilometers, The total estimated population at mid year of 2010 was 5 , 8 million which makes the population density rates, at 3.3 persons per km 2 , the percentage of male population is $51 \%$. , $31 \%$ of all population under the age of 15 years.

LIBYA is a Member State of the WHO EMRO REGION and is considered a Middle income country.

## WHO Framework Convention on Tobacco Control and MPOWER

In response to the globalization of the tobacco epidemic, the 191 Member States of the World Health Organization unanimously adopted the WHO Framework Convention on Tobacco Control (FCTC) at the Fifty-sixth World Health Assembly in May 2003. The

FCTC is the world's first public health treaty on tobacco control. It is the driving force behind, and blueprint for the global response to the pandemic of tobacco-induced deaths and diseases. The treaty embodies a coordinated, effective, and urgent action plan to curb tobacco consumption and lays out cost-effective tobacco control strategies for public policies such as banning direct and indirect tobacco advertising, increasing tobacco tax and price, promoting smoke-free public places and workplaces, displaying prominent health messages on tobacco packaging, and tobacco research, surveillance, and exchange of information.

## LIBYA is a Party to the Framework Convention on Tobacco Control (FCTC), having ratified the Convention in $7^{\text {th }}$ of June 2005

To help countries fulfill their WHO FCTC obligations, in 2008 WHO introduced MPOWER, a package of six evidence-based tobacco control measures that are proven to reduce tobacco use and save lives:

- Monitor tobacco use and 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 and sponsorship
- Raise taxes on tobacco

The GYTS supports WHO MPOWER by monitoring country-specific data on key tobacco indicators, including prevalence, knowledge, and behavior.

## Purpose and Rationale

Tobacco use is the leading global cause of preventable death. WHO attributes nearly 6 million deaths a year to tobacco. That figure is expected to rise to more than 8 million deaths a year by 2030. Most people begin using tobacco before the age of 18 .

The purpose of participating in the GYTS is to enhance countries' capacity to monitor youth tobacco use, guide national tobacco prevention and control programs, and facilitate comparison of tobacco-related data at the national, regional, and global levels. The purpose of GYTS is to observe the changes in different variables of tobacco control measures for monitoring the implementation of different provisions of the tobacco control law and the relevant Articles of the WHO Framework Convention.

The rationale for LIBYA's participation is that non communicable diseases have become a major cause of death. The prevalence and incidence of non communicable diseases have increased dramatically over the past 25 years. Cardiovascular and respiratory diseases, hypertension, and cancer account for $75 \%$ of all mortality and morbidity and have put a lot of strain on health expenditure. Due to the changing lifestyles the determinants of non communicable diseases and levels of risk factors have risen (cardiovascular diseases $37 \%$, cancer 13\%).

## Current State of Policy

Currently, in LIBYA, there are NUMBER OF TOBACCO POLICIES in place. The (Cabinet ) has issued a decree under No, $206 \backslash 2009$, announced that it is to ban smoking in public places, and the media advertising of all tobacco products. The decision announced by the Libyan cabinet also prohibits selling cigarettes to or by any person less than 18 years old.
The Libyan (Cabinet) also banned producing any kind of sweets or other materials that are shaped like cigarettes, and importing or marketing any product that carries titles of tobacco products, such as clothes, shoes or toys.

## Other Tobacco Surveys

The GYTS has previously been conducted in LIBYA in 2003, 2007. In addition to the GYTS, the following surveys have been run in LIBYA: GHPSS -2007 , GSPS 2003 , 2010 and GSHS in 2007, STEPS 2009.

## Libya Specific Objectives:

The objectives of Libya using GYTS Data as baseline and a starting point are :

1. Reduce current tobacco use in Libya in students in grades (7,8,9) from $8.1 \%$ in (2010) to $6 \%$ in (2015).
2. Reduce current cigarette and shisha use among students in age (13-15 years ) from $4.3 \%$ in 2010 of students to $3.0 \%$ in (2015) .
3. Increase tobacco use cessation attempts in Libya in students in grades (7,8,9) from 62.6 $\%$ in (2010) to $80 \%$ in (2015).
4. Reduce current \% of students ( Never Smokers but Susceptible to Initiating Smoking ) from $28 \%$ to $20 \%$ in (2015).
5. Reduce the exposure to environmental tobacco smoke public places from $35 . \%$ in 2010 to $20 \%$ in (2015).
6. Reduce the exposure to environmental tobacco smoke at homes from $35 . \%$ in 2010 to 25 \% in (2015).
7. Reduce the exposure of Students to pro-cigarette advertising from $57.6 \%$ in 2010 to 30 $\%$ in 2015 and percent of students to see anti-smoking media messages from $79.6 \%$ in 2010 to $95 \%$ in 2015.
8. Increase Percentage of students to be taught in their classes about the dangers of smoking in grades $(7,8,9)$ from $60.0 \%$ in (2010) to $90 \%$ in (2015).

## 3. METHOD OF THE SURVEY

### 3.1. Sample Description and Study Design.

GYTS is school based survey in which two stage cluster surveying method is used to select the schools and classes for surveying. This survey is global and standardized methods are used in all counters.

In case of Libya national coordinator was appointed and trained by $\{\mathrm{WHO}\}$ and $\{\mathrm{CDC}\}$ . All schools containing grades 7-9 were included in the sampling frame. A two-stage cluster sample design was used to produce a representative sample of students in grades 7-9.The age from 13 to 15 years is the targeted age group. At School Level - The first-stage sampling frame consisted of all schools containing grades 7-9. Schools were selected with probability proportional to school enrollment size.
so all schools teaching $\mathbf{\text { [7th -8th }} \mathbf{- 9 t h}\}$ grades were listed $\{2704$ schools \} a total of \{50\} schools were chosen to provide a sample of $\{1875\}$ students this sample size was decided by CDC so as to provide reasonably precise estimation
The sample was drawn through computerized process by $\{C D C\}$ in two stages. The second sampling stage consisted of systematic equal probability sampling (with a random start) of classes from each school that participated in the survey. All classes in the selected schools were included in the sampling frame. All students in the selected classes were eligible to participate in the survey. The result came of the number of schools needed which were distributed in $\{16\}$ different districts \{shabiat \}.

OVERALL RESPONSE RATES :
Schools - $100.0 \% 50$ of the 50 sampled schools participated.
Classes- $\quad 100.0 \% \quad 92$ of the 92 sampled classes participated.
Students- $97.9 \%$ 2,012 the 2,056 sampled students completed usable questionnaires
Overall response rate - $100.0 \% * 100.0 \% * 97.9 \%=97.9 \%$

### 3.2 Questionnaire:

The Questionnaire was translated in to Arabic language and modified to be understandable to students;
The total number of questions was 66 . The answer sheets were designed to be filled by students in very simple way by using pencils to fill circle to answer each question .

### 3.3 Data collection

$\{20\}$ field staff were trained to conduct the survey at school level in co-ordination with education authorities at district and local level .
This process was completed successfully in $\{50\}$ schools at school participation rate of $\{100 \%\}$ and $\{2056\}$ students were involved with 2012 usable questionnaire
The student response rate was $\{97.9 \%$. The survey was completed in February 2010. The answer sheets were sent to $\{$ who and Processed by $\{C D C\}$.

### 3.4 Data analysis

A second workshop was organized for the country coordinator to train him in how to analyze the national \{GYTS\} data and for writing this report .
EPI INFO 2000, a software package that capable for analyzing complex data, was used in analysis of GYTS data.

## 4. 1: Prevalence of tobacco use - Article 20 of WHO FCTC: Research, Surveillance and Exchange of Information

\{Table 2\}

| Category | Ever Smoked Cigarettes, Even One or Two Puffs \% | Current Use |  |  | Never Smokers but <br> Susceptible to Initiating Smoking \% |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Users of Any Tobacco Product \% | Current <br> Cigarettes Smokers \% | Other <br> Tobacco Products \% |  |
| Total | $\begin{gathered} \hline 13.4 \text { (9.8- } \\ 18.1 \text { ) } \\ \hline \end{gathered}$ | 8.1 ( $6.3-10.4$ ) | $\begin{gathered} \hline 4.3(2.9-6.2 \\ ) \end{gathered}$ | 5.8 (4.2-7.9) | $\begin{gathered} \hline 28.0 \\ (23.4-33.1) \\ \hline \end{gathered}$ |
| Sex |  |  |  |  |  |
| Male | $\begin{gathered} 20.2(14.3-27.7 \\ ) \\ \hline \end{gathered}$ | 11.0 ( 8.6 - 13.9 ) | $\begin{aligned} & 6.1(4.2-8.9 \\ & ) \end{aligned}$ | $\begin{gathered} 7.5(5.4- \\ 10.3) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 32.0 \\ (25.5-39.2) \\ \hline \end{gathered}$ |
| Female | 6.6 (4.4-9.8) | 5.0 ( 3.0-8.1) | 2.0 (1.0-4.0) | 4.1(2.5-6.9) | $\begin{gathered} \hline 24.7 \\ (20.2-29.7) \end{gathered}$ |
| Age |  |  |  |  |  |
| Thirteen | 9.3 (5.9-14.4) | 6.2 (4.2-9.2) | 3.2 (1.8-5.4) | $\begin{gathered} 5.0(3.2-7.6 \\ ) \\ \hline \end{gathered}$ | $\begin{gathered} 21.3 \\ (16.9-26.4) \\ \hline \end{gathered}$ |
| Fourteen | $\begin{gathered} 13.3(9.4-18.4 \\ ) \\ \hline \end{gathered}$ | 6.2 ( $4.2-9.1$ ) | $3.1(1.6-5.7$ | $\begin{gathered} \hline 4.5 \quad(2.8- \\ 7.1) \\ \hline \end{gathered}$ | $\begin{gathered} 30.50 \\ (22.1-40.5) \\ \hline \end{gathered}$ |
| Fifteen | $\begin{gathered} 18.5(13.7- \\ 24.6 \text { ) } \end{gathered}$ | 12.5 ( 9.1-16.9) | $\begin{gathered} \hline 6.9(4.6- \\ 10.3) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 8.2(5.5- \\ 12.1) \\ \hline \end{gathered}$ | $\begin{gathered} 33.8 \\ (27.5-40.7) \\ \hline \end{gathered}$ |

1. The table showed that 13.4 \% of students ever smoked a cigarette even one or two puffs boys $20.2 \%$ girls 6.6 \% .
2. Number of students who ever smoked cigarettes in grades is increasing according to their grade ( Grade 7th 8. 8 Grade 8th 11.7 Grade 9th 22.3 .
3. Uses of any tobacco product is high $8.1 \%$, male $\{11.0 \%\}$ female $\{5.0 \%$ \} and it is higher in grade seven .
4. Smoking cigarettes percentage is $4.3 \%$ \{male $6.1 \%$, female $2.0 \%\}$ but the percentage is growing gradually according to their class grade.
5. Use of other tobacco products un expectedly higher than smoking cigarette around $5.8 \%$ boys $7.5 \%$ and 4.1 \% girls.
6. $28.0 \%$ of never smoker students think that they may initiate smoking in near future ( 32.0 male 24.7 female) .
\{Table 3\} Prevalence use of SHISHA

| Category | Percent Ever Smoked shisha, even One or Two Puffs \% (95\% CI) | Percent current shisha smokers \% (95\% CI) | Percent who have one or more parents who smoke SHISHA \% <br> (95\% CI) |
| :---: | :---: | :---: | :---: |
| Total | 12.8(10.0-16.1) | 4.3 (3.1-6.1) | $\begin{gathered} \hline 6.5 \\ (5.1-8.3) \\ \hline \end{gathered}$ |
| Sex |  |  |  |
| Male | 15.7 ( 11.7-20.9) | $\begin{gathered} 6.0 \\ (4.2-8.5) \\ \hline \end{gathered}$ | $\begin{gathered} 6.8 \\ (4.9-9.5) \\ \hline \end{gathered}$ |
| Female | 9.8 ( $6.8-14.0$ ) | $\begin{gathered} 2.6 \\ (1.5-4.7) \\ \hline \end{gathered}$ | $\begin{gathered} 6.0 \\ (4.3-8.5) \\ \hline \end{gathered}$ |
| Age |  |  |  |
| Thirteen | 10.9 ( 7.5 - 15.5 ) | $\begin{gathered} \hline 3.0 \\ (1.8-4.9) \\ \hline \end{gathered}$ | $\begin{gathered} 7.1 \\ (4.3-11.5) \\ \hline \end{gathered}$ |
| Fourteen | 10.4 ( 7.2 - 14.8 ) | $\begin{gathered} 3.0 \\ (1.7-5.3) \\ \hline \end{gathered}$ | $\begin{gathered} 5.6 \\ (3.9-8.1) \\ \hline \end{gathered}$ |
| Fifteen | 17.6 ( 13.4-22.9) | $\begin{gathered} 7.5 \\ (4.9-11.3) \\ \hline \end{gathered}$ | $\begin{gathered} 6.6 \\ (4.3-10.6) \\ \hline \end{gathered}$ |

1. $12.8 \%$ of students ever smoked Shisha even one or two puffs boys $15.7 \%$ girls $9.8 \%$
2. Percent current shisha smokers is $4.3 \%$ \{male $6.0 \%$, female. But the percentage is growing gradually according to their class grade.
3. Percent who have one or more parents who smoke SHISHA is $6.5 \%$ \{ male $6.8 \%$ female $6.0 \%$
4. Number of students who ever smoked shisha in grades is (Grade 7th 10.9 \% . 8 Grade 8th 10.4 $\%$ and Grade 9th 17.6.

### 4.2 Knowledge and attitude ( Article 12 of WHO FCTC: Education, Communication, Training and Public Awareness)

\{ Table 4 \}

| Category | Percent of never smokers think that cigarette smoking is harmful to their health | Percent of current smokers think that cigarette smoking is harmful to their health | Percent of never smokers think smoking makes boys look more attractive | Percent of never smokers think smoking makes girls look more attractive | ```Percent of current smokers think smoking cigarette makes boys look more attractive``` | Percent of current smokers think smoking cigarette makes girls look more attractive |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total | 88.4 (85.6-90.7) | $\begin{gathered} 64.0 \text { ( } 49.2 \text { - } \\ 76.4 \text { ) } \\ \hline \end{gathered}$ | 14.1 (11.8-16.7) | 8.7 (7.0-10.7) | 29.0 (17.3-44.3) | 17.4 (9.2-30.3) |
| Sex |  |  |  |  |  |  |
| Male | 85.7 (80.1-89.4) | $\begin{gathered} \hline 63.7 \text { (50.3 - } \\ 75.3 \text { ) } \\ \hline \end{gathered}$ | 15.1 ( 11.8-19.0 ) | 10.4 ( $7.5-14.3$ ) | 23.7 ( 11.4-42.9) | 12.9 ( 5.0 - 29.6 ) |
| Female | 90.7 ( 87.7-93.1) | $\begin{aligned} & 62.7(33.0- \\ & 85.2) \end{aligned}$ | 13.1 (10.5-16.2) | 7.2 (5.4-9.5) | 38.4 (24.9-54.0) | 27.3 ( 8.9-59.2) |
| Age |  |  |  |  |  |  |
| Thirtee <br> n | 85.2 ( 80.5-88.9) | $\begin{gathered} 58.1(25.0- \\ 85.3) \\ \hline \end{gathered}$ | 13.9 (10.9-17.7) | 8.3 (6.1-11.2) | 49.1 (19.8-79.0) | 21.5 (6.1-53.6) |
| Fourte en | 92.2 (88.1-95,0) | $\begin{gathered} 71.2 \text { (40.5 - } \\ 89.9) \\ \hline \end{gathered}$ | 15.0 (11.5-19.4) | 10.6 (7.1-15.6 ) | 34.8(14.9-62.0) | 19.8 ( 6.6-46.3) |
| Fifteen | 87.8 ( 83.0-91.4) | $\begin{gathered} 63.3 \text { ( } 45.5- \\ 78.0) \\ \hline \end{gathered}$ | 13.1 ( 10.1-16.7) | 6.8 ( 4.3-10.7) | 17.6 ( 8.6-32.6 ) | 14.0 (5-33.3) |

1. Percent of never smokers who think that cigarette smoking is harmful to their health is $88.4 \%$ with no significant difference between male and female students or according to their grades, but there is a significant difference with current smokers who think that cigarette smoking is harmful to their health only ( $64.0 \%$ ).
2. $14.1 \%$ of never smokers ( 15.1 male, $13.1 \%$ female) think that smoking makes boys look more attractive .
3. $8.7 \%$ of never smokers ( 10.4 male, $7.2 \%$ female ) who think that smoking makes girls look more attractive .
4. $29.0 \%$ of current smokers ( 23.7 male , $38.4 \%$ female ) think that smoking makes boys look more attractive .
5. $17.4 \%$ of current smokers ( 12.9 male , $27.3 \%$ female ) think that smoking makes girls look more attractive .

## 4. 3: Access and Availability (Article 20 of WHO FCTC: Research, Surveillance and Exchange of Information)

\{Table 5\}

| Category | Percent of current smokers who buy <br> cigarettes in a store <br> $(95 \% ~ C I)$ | Percent of current smokers who bought <br> cigarettes in a store in the past 30 days who <br> were NOT refused because of their age <br> $(95 \%$ CI $)$ |
| :---: | :---: | :---: |
| Total | $27.7(14.8-45.7)$ | $73.8(30.6-94.8)$ |
| Sex | $31.6(15.0-54.7)$ | $\mathbf{7 7 . 8}(35.5-95.7)$ |
| Male | $25.9(8.7-56.4)$ | $56.5(6.6-96.6)$ |
| Female |  |  |
| Age | $29.3(8.5-64.7)$ | $\ldots$ |
| Thirteen | $18.5(4.9-49.9)$ | $\ldots 7.9(13.1-92.6)$ |
| Fourteen | $31.2(13.3-57.2)$ |  |
| Fifteen |  |  |

1. $35.5 \%$ of students live in Homes Where others Smoke and no significant deference between boys $35.0 \%$, and Girls $35.2 \%$, almost one third of all students live in Homes Where others Smoke which increases the access and availability of tobacco products.
2. 33.4 \% of smokers among students buy cigarettes from shops which indicates that there is no legislation to prevent selling cigarettes to minors, with no gender or grade differences.
3. $70.8 \%$ of all smoking students bought cigarettes from shops that were not refused because of their age, with no gender differences.

## 4.4: The exposure to environmental tobacco smoke (Article 8 of WHO FCTC: Protection from Exposure to Tobacco Smoke)

## \{Table 6\}

| Category | Percent who live in homes where others smoke (95\% CI) | Percent who are around others who smoke in places outside their home (95\% CI) | Percent who think smoking should be banned from public places ( $95 \%$ CI) | Percent think smoke from others is harmful to them | have one or more parents who smoke |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Total | $\begin{gathered} 35.7(31.7- \\ 40.0) \end{gathered}$ | 35.1 (30.6-39.9) | 70.9 (67.4-74.1) | 68.9 (64.9-72.6) | $\begin{aligned} & 34.3 \text { ( } 30.9 \text { - } \\ & 37.9 \text { ) } \\ & \hline \end{aligned}$ |
| Sex |  |  |  |  |  |
| Male | $\begin{gathered} \hline 34.7 \text { (29.9 - } \\ 39.8 \text { ) } \\ \hline \end{gathered}$ | 36.3 (30.7-42.4) | 71.4 (66.9-75.5) | 63.3(58.8-67.5) | $\begin{gathered} 34.2 \\ (29.8-38.9) \\ \hline \end{gathered}$ |
| Female | $\begin{gathered} \hline 36.6(31.5- \\ 42.0) \end{gathered}$ | 33.7 (28.1-39.9) | 70.1 ( 65.4-74.4) | 74.7 (69.7-79.1) | $\begin{gathered} \hline 34.1 \\ (29.9-38.5) \end{gathered}$ |
| Age |  |  |  |  |  |
| Thirteen | $\begin{gathered} 33.6(27.4- \\ 40.5) \\ \hline \end{gathered}$ | 33.9 (28.9-39.2) | 68.4(61.6-74.5 ) | 61.6 (52.1-70.4) | 28.1 ( 22.4 -34.3) |
| Fourteen | $\begin{gathered} \hline 38.7 \text { ( } 32.7 \text { - } \\ 45.1 \text { ) } \\ \hline \end{gathered}$ | 37.5 (30.6-44.8) | 72.6 (68.1-76.8) | 69.8 (64.4-74.8) | $\begin{gathered} \hline 34.9 \text { ( } 28.1 \text { - } \\ 42.4) \\ \hline \end{gathered}$ |
| Fifteen | $\begin{gathered} 34.8 \text { (29.4. - } \\ 40.5) \\ \hline \end{gathered}$ | 33.8 (28.0-40.1) | 71.7 ( 67.0-75.9) | 74.2 (69.4-78.4) | 38.8 ( 33.8-44.1) |

1. About $35.7 \%$ of all students exposed to smoke from others in their homes and this percentage with no significant difference between males and females or their class grades.
2. 35.1 \% of all students exposed to smoke in public places which show the lack of enforcement of current legislation, with no difference related to their gender but it is higher among smokers than never smokers in their class grade.
3. $70.9 \%$ of all students from all students think smoking should be banned from public places regard less of their gender or grades.
4. 68.9 \% of all students think that smoking is harm to them, but this percentage slightly low among smokers than never smokers .
5. About $34.3 \%$ of all students have one of his / her parent smoke from no significant difference between males and females or their class grades..

### 4.5 Cessation (Article 14 of WHO FCTC: Demand Reduction Measures Concerning Tobacco Dependence and Cessation)

\{ Table . 7 \}

| Category | Current Smokers |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Percent desire to stop |  | Percent tried to stop this year |  |
|  | All Kinds |  | Shisha | All Kinds |
| Total | $68.2(51.9-81.0)$ | $45.4(20.0-72.8)$ | $62.6(40.1-80.7)$ | $55.4(28.7-79.4)$ |
|  |  |  |  |  |
| Male | $72.2(48.6-87.7)$ | $57.0(26.1-83.3)$ | $72.3(43.7-89.7)$ | $57.3(25.1-84.3)$ |
| Female | $71.2(28.5-93.8)$ | $15.0(1.9-61.9)$ | $64.6(24.9-90.9)$ | $50.5(20.3-80.3)$ |
| Age |  |  |  |  |
| Thirteen | $65.7(29.4-89.8)$ | $70.1(15.2-96.8)$ | $63.8(23.9-90.8)$ | $100 .(0.0-0.0)$ |
| Fourteen | $65.2(27.1-90.4)$ | $50.1(15.7-84.4)$ | $55.7(19.0-87.0)$ | $76.1(22.8-97.2)$ |
| Fifteen | $71.8(47.2-87.8)$ | $36.8(13.5-68.5)$ | $67.1(45.3-83.4)$ | $37.9(12.3-72.8)$ |

1. The result showed that 68.2 \% ( 72.2 male , 71.2 female ) of current smokers want to stop smoking .
2. $45.4 \%$ ( 57.0 male , 15.0 female ) of current smokers who smoke Shisha want to stop smoking
3. $62.6 \%$ ( 72.3 male , 64.6 female ) of all kinds of Tobacco smokers tried to stop smoking,
4. $55.4 \%$ ( 57.3 male , 50.5 female ) of current smokers who smoke Shisha want to stop smoking
5. The results presented above shows the lack of cessation program to help those in need, and indicates that the attention must be paid to this aspect.

## 4.6: Exposure to Media and Advertising (Article 13 of WHO FCTC: Tobacco Advertising, Promotion and Sponsorship)

## \{ Table 8 \}

| Category | Percent who saw anti- <br> smoking media <br> messages in the past 30 <br> days <br> (95\% CI) | Percent who have seen <br> pro-cigarette ads in <br> newspapers or <br> magazines in the past <br> 30 days <br> (95\% CI) | Percent who have an <br> object with a cigarette <br> brand logo <br> (95\% CI) | Percent who were offered <br> free cigarettes by a tobacco <br> company representative <br> (95\% CI) |
| :---: | :---: | :---: | :---: | :---: |
| Total | $79.6(75.8-82.9)$ | $57.6(53.4-61.7)$ | $8.5(6.9-10.5)$ | $17.9(8.0-35.4)$ |
| Sex |  |  |  |  |
| Male | $77.1(72.8-80.9)$ | $55.3(49.1-61.3)$ | $8.2(5.4-12.2)$ | $11.3(4.6-24.9)$ |
| Female | $82.0(78.0-85.5)$ | $59.9(54.6-64.9)$ | $10.5(7.1-10.9)$ | $33.2(11.4-65.8)$ |
| Age |  |  |  | $42.4(15.5-74.8)$ |
| Thirteen | $81.1(76.3-85.1)$ | $56.5(51.4-61.4)$ | $8.3(5.9-11.6)$ | $\ldots . . .$. |
| Fourteen | $80.9(75.9-85.1)$ | $58.1(52.0-63.9)$ | $7.9(5.1-12.2)$ | $14.6(4.6-37.7)$ |
| Fifteen | $76.3(68.7-82.6)$ | $58.4(51.6-64.9)$ | $9.4(6.6-13.3)$ |  |

1. $79.6 \%$ of all students (male 77.1 , female 82.0 ) saw anti-smoking media messages in past 30 days .
2. $57.6 \%$ of all students (male 55.3 , female 59.9 ) saw pro-cigarettes advertisement on bill boards in past 30 days, this may be only seen at points of sale which is the only direct way of advertising.
3. $8.5 \%$ of all students (male 8.2 , female 10.5 ) have an object with a cigarette brand logo, which often offered as goods bags.
4. $17.9 \%$ of all students (male 11.3 , female 33.2 ) were offered free cigarettes by a tobacco company representative.

## 4. 7: School (Article 12 of WHO FCTC: Education , communication, training and public awareness)

\{Table 9\}

| Category | Percent who had been taught in class <br> during the past year about the dangers of <br> smoking <br> $(95 \%$ CI) | Percent who had discussed in class during <br> the past year reasons why people their <br> age smoke <br> $(95 \%$ CI) |
| :--- | :---: | :---: |
| Total | $60.0(55.9-64.0)$ | $47.0(43.2-50.9)$ |
| Sex | $\mathbf{5 9 . 0}(53.4-64.3)$ | $\mathbf{4 3 . 9 ( 3 8 . 8 - 4 9 . 0 )}$ |
| Male | $61.3(56.6-65.9)$ | $50.5(45.7-55.3)$ |
| Female | $62.3(54.6-69.4)$ | $47.9(41.6-54.4)$ |
| Age | $59.6(54.4-64.6)$ | $52.2(47.5-56.9)$ |
| Thirteen | $57.9(51.8-63.7)$ | $40.1(33.9-46.5)$ |
| Fourteen |  |  |
| Fifteen |  |  |

1. $60.0 \%$ of all students ( 59.0 male 61.3 female) were taught about the danger of smoking in their classes during the school year.
2. only $47.0 \%$ ( 43.9 male 50.5 female) of all students had discussed in their classes, during the past school year, reasons why people in their age smoke.
3. It clear that a little attention had been given to subject of tobacco in schools, which indicates that this subject must be included in school curriculum and given adequate time .

## 5. Discussions.

## 5.1: Prevalence of Tobacco use.

The result of GYTS 2010 showed that 13.4 \% ( Boys $20.2 \%$ Girls $6.6 \%$ ) more than one Male student from each 5 of male students and one from each 13 female students ever smoked cigarettes even one or two puffs . The result of this survey showed also that $12.8 \%(15.7 \%$ Boys, $9.8 \%$ Girls ) ever smoked Shisha even one or two puffs, the use of any tobacco products for all students $8.1 \%$ ( Boys $11.0 \%$ Girls $5.0 \%$ ) and $4.3 \%$ of all students use cigarettes ( $6.1 \%$ Boys, $2.4 \%$ Girls )
The use of cigarettes among girls has risen from $1.7 \%$ (2003) to 2.4 (2010) .
The result indicated that the use of other tobacco products is higher than the use of cigarettes around 7.2 \% (9.4. \% Boys, 4.7 \% Girls ).
as expected there is significant difference in shown ratio between boys and girls .
in comparison with the (GYTS) results 2003, 2007, 2010 it is clear that:

- No significant change in \% of students ever smoked a cigarette even one or two puffs over last 7 years 2003 ( $14.8 \%$ ) -2007 (13.1\%)-2010(13.4\%)
- No significant change in the percentage of Current Cigarettes Smokers of students over the last 7 years 2003 ( $5.9 \%$ ) -2007 ( $4.6 \%$ )-2010( $4.3 \%$ ) .
- There is significant change of never smokers who think that they may initiate smoking in near future from $19.8 \%$ in (2003) to $28.0 \%$ (2010) ( 32.0 male 14.7 female ).


## 5.2: Access and availability

Tobacco products according to The result of the survey are accessible to students aged 13 to 15 years , 35.7 \% of all students live in Homes Where others Smoke and no deference between boys 34.7 $\%$, and Girls $36.6 \%$, in fact one from each three students live in Homes Where others smoke , which is probably due to one of their parents use of tobacco which increases the access and availability of tobacco products.
. The results also showed that one third of smokers among students buy cigarettes from shops $27.7 \%$ ( $31.6 \%$ Boys $-25.9 \%$ Girls) This results goes with fact that tobacco products are sold every where in the country at low price and with no enforced legislations to prevent minors from purchasing tobacco products.
The comparison between the results of GYTS 2003,2007 and 2010 showed that no significant change in the Percentage of students Who live in Homes Where others Smoke ( $31.4 \%, 37.8 \%, 35.7 \%$ ) in succession.
The results of GYTS also showed that comparing the percentage of Current Smokers who Bought Cigarettes in a Store and were not refused because of their age $63.7 \%$ in (2003) $62.1 \%$ in (2007) $73.8 \%$ (2010) but no significant change according to the results over this time .

## 5.3: Knowledge and attitude.

According to the result of the survey one from each 7 never smokers students ( $14,1 \%$ ) think that smoking makes boys look more attractive , and almost one of each 10 students ( $8.7 \%$ ) think that smoking makes girls look more attractive, which is very alarming to decision makers to take in to consideration.
figures in about quarter of students think that boys or girls have more friends or look more attractive which should be taken into account while planning national control program and school curriculum .
The comparison shows that \% of students (Non smokers) who Think smoking makes Boys look more attractive according to survey results (2003) $18.2 \%$ (2007) $15.8 \%$ (2010) $14.1 \%$ with no significant change between the results of the survey, and \% of students (Non smokers) who Think smoking makes Girls look more attractive according to survey results (2003) 13.2 \% (2007) 10.5 \% (2010) $8.7 \%$ with no significant change between the results of the survey .

## 5.4 : Environment tobacco smoke

In fact what have been revealed by this survey and shown in table 5 is very important, it shows the fact that 3.5 from 10 students are exposed to $\{E T S\}$.and bout the same proportion is exposed to $\{E T S\}$ in public places. The percentage of parents smoking gives the fact that the prevalence of smoking rate in realty is high..
70.9 \% from all students think that smoking should be banned in public places which reflect general opinion that will lead to the enforcement of the legislation of banning smoking in public places. The comparison of the results of (GYTS) over last 7 years $(2003,2007,2010)$ showed that :

- \% of students who Exposed to smoke from others in their home according to survey results (2003) $36.3 \%$ (2007) $37.8 .8 \%$ (2010) $35.7 \%$ with no significant change between the results of the survey over 7 years.
- \% of students who Exposed to smoke from others in public places according to survey results (2003) $38.6 \%(2007) 41.5 \mathrm{~W} \%$ (2010) $35.1 \%$ with no significant change between the results of the survey over 7 years.
- \% of students who Exposed Percent think smoking should be banned from public places according to survey results (2003) $77.3 \%$ (2007) 77.1 (2010) $69.8 \%$ with no significant change between the results of the survey over 7 years.


## 5.5: Cessation.

$68.2 \%$ of all smokers among the students would like to stop smoking, and $59.4 \%$ tried to stop smoking. The activity of Cessation help either doesn't exist or weak and the evidence shown in the comparison of the results of (GYTS) showed the trend as follows :

- \% of students who Desire to stop the use of tobacco according to survey results (2003) 80.0 \% (2007) 72.2 . \% (2010) $68.2 \%$ with no significant change between the results of the survey over 7 years.
- \% of students who tried to stop the use of tobacco this year according to survey results (2003) $51.5 \%(2007) 48.7$. \% (2010) $62.6 \%$ with no significant change between the results of the survey over 7 years


## 5.6 : Media and advertising of tobacco.

only 79.6 \% of all students Saw Anti-Smoking Media Messages shows that more effort is needed in anti-smoking media messages because fifth the students did not see them , about $57.6 \%$ of student have seen Pro-Tobacco Messages, the result of this survey has given the idea of how much the pro- cigarettes advertisements are available, despite the fact that advertising tobacco in national TV is prohibited but adds are available at points of sale and also accessible on any international media, 8.5 \% of students Had Object With a Cigarette Brand Logo On It according to survey with clear indication that the legislation banning that is not enforced .The comparison of the results of (GYTS) over last 7 years $(2003,2007,2010)$ showed that :

- Percentage of students who Saw Anti-Smoking Media Messages according to survey results (2003) 70.0 \% (2007) $70.7 \%$ (2010) 79.6 \% with significant change between the results of the survey 2007, 2010 .
- Percentage of students who Saw Pro-Tobacco Messages in Newspapers and Magazines according to survey results (2003) $50.6 \%$ (2007) $52.6 \%$ (2010) $57.6 \%$ with no significant change between the results of the survey .
- Percentage of students Who Had Object With a Cigarette Brand Logo On It according to survey results (2003) $10.1 \%$ (2007) $11.3 \%$ (2010) $8.5 \%$ with no significant change between the results of the survey .


## 5.7: School curriculum

It is clear that according to the results of \{GYTS \} that a little has been achieved to teach students in school about the harmful effect of tobacco products, and most important let them avoid first cigarette , in fact only 60.0 ( 59.0 Boys $-61.3 \%$ ) \% of them had been taught about it in school year 2010 regard the fact that the survey carried out in month of February which considered relatively suitable time in school year. Therefore a lot to be done to include this subject In school curriculum: The comparison between results of GYTS showed that the percentage of students taught in their classes the dangers of smoking according to survey results (2003) $51.5 \%$ (2007) 48.7. \% (2010) $60.0 \%$, with no significant change between the results of the survey over last seven years

## 6. Conclusion

The results of this survey showed that no significant change has happened since the last survey in 2007 . Because its clear that the effort of tobacco control pregame was ineffective and the need to strengthen all sectors interventions, the percentage of students use the SHISHA is as high as the use of cigarette. The ratios of tobacco use presented in this report are alarming in all aspects of tobacco use especially the prevalence rate among this young age group (13-15) years and the females in particular, the easy access $\&$ availability of all tobacco products and knowledge \& attitudes towards tobacco use , and lack of anti tobacco health education campaigns , revealed the fact that, urgent interventions are needed for prevention of tobacco use because the result showed the fact that almost all ever smokers are current smokers, and $28 \%$ of never smokers are likely to initiate smoking next year , the exposure to environment tobacco smoke is very high especially in public places , there for all aspects of tobacco control must be addressed by national tobacco control program .

Table (10) comparison between the results of the GYTS 2003-2007-2010

|  | 2003 |  |  | 2007 |  |  | 2010 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Boy | Girl | Total | Boy | Girl | Total | Boy | Girl |
| Prevalence Ever smoked cigarettes even one or two puffs | $\begin{gathered} 14.8 \\ ( \pm 3.0) \end{gathered}$ | $\begin{gathered} 22.0 \\ ( \pm 4.4) \end{gathered}$ | $\begin{gathered} 6.7 \\ ( \pm 2.0) \end{gathered}$ | $\begin{aligned} & \hline 13.1 \\ & (9.7- \\ & 17.4) \end{aligned}$ | 19.9 (14.4 26.8) | $\begin{gathered} 5.8 \\ (3.5- \\ 9.4) \end{gathered}$ | $\begin{gathered} 13.4 \\ (9.8- \\ 18.1) \end{gathered}$ | $\begin{gathered} 20.2( \\ 14.3- \\ 27.7) \end{gathered}$ | $\begin{aligned} & 6.6 \text { (4.4- } \\ & 9.8) \end{aligned}$ |
| Users of Any Tobacco Product \% | $\begin{gathered} 14.6 \\ ( \pm 3.3) \end{gathered}$ | $\begin{gathered} 18.7 \\ ( \pm 5.2) \end{gathered}$ | 9.4 ( $\pm 2.8)$ | $\begin{gathered} 12.4 \\ (10.1- \\ 15.0) \end{gathered}$ | $\begin{aligned} & 17.1( \\ & 13.3- \\ & 21.7 \end{aligned}$ | $\begin{gathered} 7.2 \\ (5.8- \\ 8.9) \end{gathered}$ | $\begin{aligned} & 8.1(6.3 \\ & -10.4) \end{aligned}$ | $\begin{aligned} & 11.0 \text { ( } \\ & 8.6- \\ & 13.9 \text { ) } \end{aligned}$ | $\begin{gathered} 5.0(3.0 \\ -8.1) \end{gathered}$ |
| Current Cigarettes Smokers \% | 5.9 ( $\pm 2.2)$ | $\begin{gathered} 9.4 \\ ( \pm 3.5) \end{gathered}$ | $1.7( \pm 0.8)$ | $\begin{gathered} 4.6 \\ (2.9 \\ 7.2) \end{gathered}$ | $\begin{gathered} 7.7 \\ (4.9- \\ 11.9) \end{gathered}$ | $\begin{gathered} 0.9 \\ (0.3 \\ 2.5) \end{gathered}$ | $\begin{gathered} \hline 4.3(2.9 \\ -6.2) \end{gathered}$ | $\begin{gathered} \hline 6.1(4.2 \\ -8.9) \end{gathered}$ | $\begin{gathered} 2.4(1.2- \\ 4.8) \end{gathered}$ |
| Never Smokers but Susceptible to Initiating Smoking \% | $\begin{gathered} 19.8 \\ ( \pm 3.7) \end{gathered}$ | $\begin{gathered} 23.3 \\ ( \pm 4.3) \end{gathered}$ | $\begin{gathered} 16.3 \\ ( \pm 4.7) \end{gathered}$ | 18.5 (15.2 22.3) | 22.1 $(18.0-$ $26.9)$ | $\begin{gathered} 15.0 \\ (11.5- \\ 19.3) \end{gathered}$ | $\begin{aligned} & 28.0 \\ & (23.4- \\ & 33.1) \end{aligned}$ | $\begin{gathered} 32.0 \\ (25.5- \\ 39.2) \end{gathered}$ | $\begin{gathered} \hline 24.7 \\ (20.2- \\ 29.7) \end{gathered}$ |
| Percent How live in Homes Where others Smoke | 31.4 (27.4 35.7) | $\begin{gathered} 33.8 \\ (27.9 \\ 40.3) \end{gathered}$ | $\begin{gathered} 29.2 \\ (24.6- \\ 34.3) \end{gathered}$ | $\begin{array}{r} 37.8 \\ (34.2 \\ 41.6) \end{array}$ | $\begin{gathered} 41.4 \\ (35.6- \\ 47.4) \end{gathered}$ | $\begin{gathered} 33.4 \\ (29.1 \\ 38.1) \end{gathered}$ | $\begin{gathered} 35.7 \\ (31.7- \\ 40.0) \end{gathered}$ | $\begin{gathered} 34.7 \\ (29.9- \\ 39.8) \end{gathered}$ | $\begin{gathered} 36.6 \\ (31.5- \\ 42.0) \end{gathered}$ |
| Percent Current <br> Smokers who Purchased <br> Cigarettes in a Store | $\begin{gathered} 27.5 \\ ( \pm 9.7) \end{gathered}$ | $\begin{gathered} 25.4 \\ ( \pm 11.3) \end{gathered}$ | $\begin{gathered} 32.2 \\ ( \pm 22.1)^{*} \end{gathered}$ | $\begin{aligned} & 23.4(14.1 \\ & -36.1) \end{aligned}$ | $\begin{gathered} 22.8(12.7 \\ -37.3) \end{gathered}$ | $\begin{gathered} 10.5(0.8 \\ -62.3) \end{gathered}$ | $\begin{gathered} 27.7 \\ (14.8- \\ 45.7) \end{gathered}$ | $\begin{gathered} 31.6 \\ (15.0- \\ 54.7) \end{gathered}$ | $\begin{gathered} \text { 25.9 ( } \\ \text { 8.7-56.4 } \\ \text { ) } \end{gathered}$ |
| Percent Current Smokers Who Bought Cigarettes in a Store Who Were Not Refused Because of Their Age | $\begin{gathered} 63.7 \\ ( \pm 22.6)^{*} \end{gathered}$ | $\begin{gathered} 75.6 \\ ( \pm 22.6) \end{gathered}$ | $\begin{gathered} 22.3 \\ ( \pm 35.8)^{*} \end{gathered}$ | $\begin{aligned} & 62.1(31 . \\ & 3-85.5) \end{aligned}$ | $\begin{aligned} & 81.9 \text { ( } \\ & 31.6 \text { - } \\ & 97.8 \text { ) } \end{aligned}$ | 0.0 | 73.8 <br> (30.6 - <br> 94.8) | $\begin{aligned} & 77.8 \\ & (35.5- \\ & 95.7) \end{aligned}$ | $\begin{aligned} & 56.5(6.6 \\ & -96.6) \end{aligned}$ |
| Think smoking makes boys look more attractive (never smokers) | 18.2 ( $\pm 1.7)$ | $\begin{gathered} 17.7 \\ ( \pm 3.6) \end{gathered}$ | 18.9 ( $\pm 2.4)$ | $\begin{gathered} 15.8(14.1 \\ -17.8) \end{gathered}$ | $\begin{gathered} \text { 16.1(13.4 } \\ -19.1 \\ \text { ) } \end{gathered}$ | $\begin{gathered} \text { 15.4(13. } \\ 0 \\ 18.3) \end{gathered}$ | $\begin{gathered} 14.1(11.8 \\ -16.7) \end{gathered}$ | $\begin{gathered} 15.1(11.8 \\ -19.0) \end{gathered}$ | $\begin{gathered} 13.1(10.5- \\ 16.2) \end{gathered}$ |
| Think smoking makes girls look more attractive (never smokers) | 13.2 ( $\pm 1.5)$ | $\begin{gathered} 15.4 \\ ( \pm 3.3) \end{gathered}$ | 11.4 ( $\pm 1.6)$ | $\begin{gathered} 10.5(9.0 \\ -12.2) \end{gathered}$ | $\begin{aligned} & 11.9(9.3 \\ & -15.1) \end{aligned}$ | $\begin{aligned} & 9.2(7.0 \\ & -12.0) \end{aligned}$ | $\begin{gathered} 8.7(7.0- \\ 10.7) \end{gathered}$ | $\begin{gathered} 10.4 \text { ( } 7.5 \\ -14.3) \end{gathered}$ | $\begin{gathered} 7.2(5.4 \text { - } \\ 9.5) \end{gathered}$ |


|  | 2003 ( Never smokers ) |  |  | 2007 |  |  | 2010 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Boy | Girl | Total | Boy | Girl | Total | Boy | Girl |
| Exposed to smoke from others in their home | $\begin{gathered} 36.3 \\ ( \pm 3.6) \end{gathered}$ | $\begin{gathered} 32.3 \\ ( \pm 4.5) \end{gathered}$ | $\begin{gathered} 39.5 \\ ( \pm 3.8) \end{gathered}$ | $\begin{gathered} 37.8 \\ (34.2- \\ 41.6) \end{gathered}$ | $\begin{gathered} 41.4 \\ (35.6- \\ 47.4) \end{gathered}$ | $\begin{gathered} 33.4 \\ (29.1- \\ 38.1) \end{gathered}$ | $\begin{gathered} 35.7 \\ (31.7- \\ 40.0) \end{gathered}$ | $\begin{gathered} 34.7 \\ (29.9 \\ -39.8 \\ ) \end{gathered}$ | $\begin{gathered} 36.6 \\ (31.5 \\ - \\ 42.0) \end{gathered}$ |
| Exposed to smoke from others in public places | $\begin{gathered} 38.6 \\ (35.2 \\ 42.2) \end{gathered}$ | $\begin{gathered} 39.2 \\ (34.5- \\ 44.0) \end{gathered}$ | $\begin{gathered} 38.3 \\ (33.2- \\ 43.7) \end{gathered}$ | $\begin{gathered} 41.5 \\ (38.5- \\ 44.5) \end{gathered}$ | $\begin{gathered} 46.4 \\ (41.4- \\ 51.4) \end{gathered}$ | $\begin{gathered} 36.0 \\ (32.7 \\ 39.5) \end{gathered}$ | $\begin{gathered} 35.1 \\ (30.6- \\ 39.9) \end{gathered}$ | $\begin{gathered} 36.3 \\ (30.7 \\ -42.4 \\ ) \end{gathered}$ | $\begin{gathered} 33.7 \\ (28.1 \\ -39.9 \\ ) \end{gathered}$ |
| Percent think smoking should be banned from public places | $\begin{gathered} 77.3 \\ (73.4- \\ 80.8) \end{gathered}$ | $\begin{gathered} 75.5 \\ (70.5- \\ 80.0) \end{gathered}$ | $\begin{gathered} 79.0 \\ (73.4- \\ 83.7) \end{gathered}$ | $\begin{gathered} 77.1 \\ (73.1- \\ 80.6) \end{gathered}$ | 73.5 (67.6 78.7) | $\begin{gathered} 80.8 \\ (77.6- \\ 83.7) \end{gathered}$ | $\begin{gathered} 70.9 \\ (67.4- \\ 74.1) \end{gathered}$ | $\begin{gathered} 71.4 \\ (66.9 \\ - \\ 75.5) \end{gathered}$ | $\begin{aligned} & 70.1 \text { ( } \\ & 65.4 \text { - } \\ & 74.4 \text { ) } \end{aligned}$ |
| Percent desire to stop | $\begin{gathered} 80.0 \\ ( \pm 12.1) \end{gathered}$ | $\begin{gathered} 81.6 \\ ( \pm 13.3) \end{gathered}$ | $\begin{gathered} 100.0 \\ ( \pm 0.0)^{*} \end{gathered}$ | $\begin{array}{\|c} 72.2(56.8 \\ -83.7) \end{array}$ | $\begin{aligned} & 75.9(57.3 \\ & -88.1 \quad) \end{aligned}$ | $\begin{gathered} 69.5(41.2 \\ -88.1) \end{gathered}$ | $\begin{aligned} & 68.2 \text { ( } \\ & 51.9- \\ & 81.0 \text { ) } \end{aligned}$ | $\begin{aligned} & 72.2 \text { ( } \\ & 48.6- \\ & 87.7 \text { ) } \end{aligned}$ | $\begin{aligned} & 71.2( \\ & 28.5- \\ & 93.8) \end{aligned}$ |
| Percent tried to stop this year | $\begin{gathered} 85.3 \\ ( \pm 11.2) \end{gathered}$ | $\begin{gathered} 86.9 \\ ( \pm 12.1) \end{gathered}$ | $\begin{gathered} 81.5 \\ ( \pm 33.0)^{*} \end{gathered}$ | $\begin{array}{r} 67.1 \\ (48.8- \\ 81.3) \end{array}$ | $\begin{gathered} 72.8(54.5 \\ -85.7) \end{gathered}$ | $\begin{gathered} 53.5 \\ (12.2-90.5 \\ ) \end{gathered}$ | $\begin{gathered} 62.6( \\ 40.1- \\ 80.7) \end{gathered}$ | $\begin{array}{r} 72.3 \\ (43.7- \\ 89.7) \end{array}$ | $\begin{gathered} \text { 64.6(2 } \\ 4.9- \\ 90.9) \end{gathered}$ |
| Percent taught dangers of smoking | $\begin{gathered} 51.5 \\ (45.5- \\ 57.4) \end{gathered}$ | $\begin{gathered} 48.0 \\ (40.0- \\ 56.2) \end{gathered}$ | $\begin{gathered} 55.1 \\ (48.3- \\ 61.7) \end{gathered}$ | $\begin{gathered} 48.7 \\ (43.8 \\ 53.6) \end{gathered}$ | $\begin{gathered} 46.9 \\ (40.8 \\ 53.2) \end{gathered}$ | $\begin{array}{r} 51.1 \\ (44.9 \\ 57.4) \end{array}$ | $\begin{gathered} 60.0 \\ (55.9- \\ \mathbf{6 4 . 0}) \end{gathered}$ | $\begin{gathered} 59.0 \\ (53.4 \\ - \\ 64.3) \end{gathered}$ | $\begin{gathered} 61.3 \\ \mathbf{5 6 . 6} \\ \mathbf{6 5 . 9}) \end{gathered}$ |
| Percent Saw AntiSmoking Media Messages | $\begin{array}{r} 70.0 \\ (66.5 \\ 73.3) \end{array}$ | 71.0 (66.5 - 75.1) | $\begin{array}{r} 69.2 \\ (63.5- \\ 74.3) \end{array}$ | $\begin{gathered} 70.6 \\ (66.8 \\ 74.1) \end{gathered}$ |  | 70.3 (66.1 - <br> 74.1) | $\begin{gathered} 79.6(75 \\ .8- \\ 82.9) \end{gathered}$ | $\begin{gathered} 77.1(7 \\ 2.8- \\ 80.9) \end{gathered}$ | $\begin{aligned} & 82.0( \\ & 78.0- \\ & 85.5) \end{aligned}$ |
| Percent Saw Pro-Tobacco Messages in Newspapers and Magazines | $\begin{gathered} 50.6 \\ (47.2 \\ 54.1) \end{gathered}$ | $\begin{array}{r} 49.7 \\ (43.9 \\ -55.6) \end{array}$ | $\begin{gathered} 52.2 \\ (46.7- \\ 57.6) \end{gathered}$ | $\begin{array}{r} 52.6 \\ (48.9 \\ 56.2) \end{array}$ | $\begin{gathered} 54.7 \\ (50.4 \\ 58.9) \end{gathered}$ | $\begin{gathered} 49.8 \\ (45.2 \\ 54.5) \end{gathered}$ | $\begin{gathered} 57.6 \\ (53.4- \\ 61.7) \end{gathered}$ | $\begin{gathered} 55.3(4 \\ 9.1- \\ 61.3) \end{gathered}$ | $\begin{gathered} 59.9(5 \\ 4.6- \\ 64.9) \end{gathered}$ |
| Percent Who Had Object With a Cigarette Brand Logo On It | $\begin{gathered} 10.1 \\ (8.1- \\ 12.6) \end{gathered}$ | $\begin{gathered} 13.7 \\ (10.4- \\ 17.9) \end{gathered}$ | $\begin{gathered} 6.2 \\ (4.3 \\ 8.7) \end{gathered}$ | $\begin{gathered} 11.3 \\ (9.8- \\ 13.0) \end{gathered}$ | $\begin{gathered} 13.9 \\ (11.1- \\ 17.2) \end{gathered}$ | $\begin{gathered} 8.6 \\ (7.2- \\ 10.2) \end{gathered}$ | $\begin{gathered} 8.5 \\ (6.9- \\ 10.5) \end{gathered}$ | $\begin{gathered} 8.2(5 . \\ 4- \\ 12.2 \end{gathered}$ | $\begin{aligned} & 10.5 \\ & (7.1- \\ & 10.9) \end{aligned}$ |

## Comparison to Previous Tobacco Surveys

Table (10) shows a Comparison between the results of the current GYTS -3 / 2010 with the results of GYTS -1
2003 / and GYTS -2 / 2007 as follows:

- No significant change in the prevalence of tobacco use or cigarette smoking in youth in all previous surveys.
- There is significant Increases of Never Smokers but Susceptible to Initiating Smoking from 18.5 \% 2007 to 28.0 \%. 2010.
- Percent Saw Pro-Tobacco Messages in Newspapers and Magazines is very high in all surveys.
- Use of tobacco products other than cigarettes increasing (shisha) from previous survey

Relevance to FCTC

The results of this GYTS are critical for gauging progress toward WHO FCTC and MPOWER implementation and uptake.
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Libya's participation in GYTS addresses the first element of MPOWER (Monitor tobacco use and prevention policies). And GYTS asks students a range of questions that spans many of the remaining elements of MPOWER. The resulting data are critical for gauging Libya's progress toward fully implementing the elements of MPOWER among its youth. The information provided by GYTS can address several provisions of the FCTC that relate to the role of school personnel and the comprehensive school tobacco control policy.

This section, highlights key data pieces within the context of the MPOWER elements. As Follows :

- Protect people from tobacco smoke The GYTS data show that 35.7 \% of students are around others who smoke outside their home and $35.1 \%$ live in homes where others smoke in their presence.
- Offer help to quit tobacco use

Results from GYTS show that students who currently smoke are interested in quitting. Of students who currently smoke:

- $68.2 \%$ want to stop smoking.
- 62.6 \% tried to stop smoking in the past year.
- $80.3 \%$ have ever received help to stop smoking.
- Warn about the dangers of tobacco

During the past year, $60,0 \%$ of students had been taught in class about the dangers of smoking and . The GYTS data also show that during the past year, $46.2 \%$ of students had discussed in class reasons why people their age smoke.

- Enforce bans on tobacco advertising, promotion, and sponsorship The GYTS data show that $79.6 \%$ of students saw anti-smoking media messages in the past 30 days. But, in the past 30 days, $57.6 \%$ saw pro-cigarette ads on billboards ( Only at points of sale ). Further, $8.5 \%$ of students have an object with a cigarette brand logo and $11.6 \%$ were offered free cigarettes by a tobacco company representative.

GYTS methodology provides an excellent framework for monitoring and guiding the implementation of school tobacco control programs while making it compliant with the requirements of FCTC.
The results of this survey will be disseminated broadly and, ideally, used to adopt and implement effective legislative measures for preventing and reducing tobacco consumption, nicotine addiction, and exposure to tobacco smoke.

## Relevance to Country

Summary of the findings from the GYTS 3 specifically applicable in Libya .

- Many youths report wanting to quit in your country, but teachers are not trained in any way to prevent tobacco use among their students.
- Susceptibility to begin smoking in the next year is high among both boys and girls, but there are no laws limiting use of tobacco on school-grounds.
- The data suggests a decreasing age of initiation of cigarette usage among country adolescents. Tobacco control education therefore needs to start at a very young age. However, very limited levels of tobacco-related issues are currently discussed in the formal school curriculum.
- Country adolescents are faced with the double burden of cigarette use and the use of other forms of tobacco products especially .
- Students in this country are still reporting being exposed to pro-smoking adds and media campaigns, It is important to control this exposure of students to pro-smoking adds especially adds at points of sale .


## Proposed Interventions/Further Studies

Based on the findings of GYTS , the following is a list of proposed interventions that would aid with the control and prevention of tobacco use. Also some further studies that are suggested as a result of the data gathered from the GYTS ;

- Due to the fact that children are likely to start smoking if they grow up in an environment where tobacco advertising is prolific, where smoking rates are high among adults (including those that serve as role models for young people), where tobacco products are cheap and easily accessible, and where smoking is unrestricted in public places, the tobacco control policies need to take this into consideration. Besides drafting such policies, their enforcement and public awareness need to be considered. The starting point could be the law already in place on the sale of tobacco products to children aged below 18, which does not seem to be adequately enforced or known to the public.
- Awareness campaigns on the dangers of cigarette smoking \& tobacco products need to be intensified. Most anti-smoking campaigns are done on the World-No-Tobacco Day but there is need for school based anti-smoking campaigns and regular education on the dangers of tobacco.
- use of other tobacco products such as SHISHA is rampant as shown and information on the dangers of these should be provided, through means accessible to the population in the country. However, due to insufficient government funding for information dissemination various information, education and research initiatives can also be developed and implemented by NGOs operating within communities.
- Educational programs and health promotion campaigns can serve a useful role in tobacco control, particularly in areas where the harms of tobacco use are not widely known. However, unless they are backed up by strong public policies, which help young people refrain from using tobacco, educational programs have only modest results. Such education programs and health promotion campaigns should be placed in the overall context of strong and coherent tobacco control policies.
- Further study into why youths report a significantly higher rate of use of Cigarette and Shisha, in particular female youths, is suggested to understand this alarming new trend.


## Regulations in Country to Control Tobacco Use in Youths

In LIBYA, the following legislations are in place to control tobacco use in youths:
List laws to restrict sale/use of tobacco products to youths.

- The (Cabinet ) decree under No, $206 \backslash 2009$, prohibits selling cigarettes to minors or by minors less than 18 years old.
Despite having legislations to control sale of tobacco products to youth, all of the students enrolled in this survey who reported they used tobacco were under the age of eighteen. In addition, TOTAL \% of current smokers who buy cigarettes in a store 27.7 \% indicated that they were able to buy their cigarettes in a store and TOTAL \% of current smokers who bought cigarettes in a store in the past 30 days who were NOT refused because of their age $73.8 \%$ indicated that they had not been refused due to their age in the last 30 days.


## Secondhand Smoke

In LIBYA, the following legislation are in place to regulate environmental tobacco smoke:

- Cabinet decree under No, $206 \backslash 2009$, announced the ban of smoking in public places, The results of this survey showed that only $68.9 \%$ of all students who think smoke from others is harmful to them ( $63.3 \%$ male $74.7 \%$ female, and only TOTAL 70.9 \% who think smoking should be banned from public places ( male $71.4 \%$ female $70.1 \%$ ) believed that smoking should be banned from public places. It is important to educate youths on the dangers of tobacco use, and in particular the risks associated with secondhand smoke.


## 7. Recommendations

## Recommendations

Based on the most pressing GYTS findings should include proposed interventions and recommended further studies:

1. New legislation in form of law must be introduced covering all aspects of
2. tobacco control and the mechanism for implementation .
3. National comprehensive program for tobacco Control must be adapted by all concerned ministries to control the supply and demand of tobacco products .
4. An Annual budget should be allocated for anti-tobacco program, or earmarked tax for this purpose .
5. The school curriculum should include anti - tobacco different aspects and School rules, policies should be framed for the prevention and control of tobacco use.
6. Urgent steps to control the tobacco trade and to eliminate smuggling of tobacco products and adaptation of price policy to reduce Consumption rate and control accessibility to tobacco products especially by miners
7. Advertising of tobacco products must be prevented especially at points of sale by implementing the current legislations and include it in future law.
8. Adapting measures to Reduce exposure to environmental tobacco smoke through banning all forms of tobacco use in public places including in schools and public transport .
9. A comprehensive health promotion strategy and effective and comprehensive tobacco cessation programs need to be formulated to reduce tobacco use and assist school personnel and the general community in quitting.
10.Nongovernmental organizations could play a vital role in tobacco control specially the knowledge and attitude activities such as Education, Communication, Training and Public Awareness .
11.To maintain a current understanding of tobacco use and other key indicators among youth and to gauge trends in WHO FCTC and MPOWER uptake and implementation, this survey should be completed at least every four years.

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## Annexes

( GYTS QUESTIONNAIRE - Libya 2009-2010 )

## GYTS QUESTIONNAIRE - Libya 2009-2010

| THE NEXT QUESTIONS ASK ABOUT YOUR USE OF TOBACCO. | الأسئلة الاحدى عشر الآتية تتعلق باستعمال التبغ والتدخين. |
| :---: | :---: |
| 1. Have you ever tried or experimented with cigarette smoking, even one or two puffs? <br> a. Yes <br> b. No |  |
| 2. How old were you when you first tried a cigarette? <br> a. I have never smoked cigarettes <br> b. 7 years old or younger <br> c. 8 or 9 years old <br> d. 10 or 11 years old <br> e. $\quad 12$ or 13 years old <br> f. $\quad 14$ or 15 years old <br> g. 16 years old or older | 2- كم كان عمرك عندما حاولت تدخين السجائر لأول مرة؟ <br> (a <br> 7 (b 7 سنوات أو أقل <br> (c 8 أو9 سنوات <br> 10 أو 11 سنة <br> (d <br> 12أو 13 سنة <br> (e <br> 14 أو 15 سنة <br> (f <br> (g |
| 3. During the past 30 days (one month), on how many days did you smoke cigarettes? <br> a. 0 days <br> b. $\quad 1$ or 2 days <br> c. $\quad 3$ to 5 days <br> d. 6 to 9 days <br> e. $\quad 10$ to 19 days <br> f. $\quad 20$ to 29 days <br> g. All 30 days | 3 |


| 4. During the past 30 days (one month), on the days you smoked, how many cigarettes did you usually smoke? <br> a. I did not smoke cigarettes during the past 30 days (one month) <br> b. Less than 1 cigarette per day <br> c. $\quad 1$ cigarette per day <br> d. 2 to 5 cigarettes per day <br> e. 6 to 10 cigarettes per day <br> f. $\quad 11$ to 20 cigarettes per day <br> g. More than 20 cigarettes per day | 4- خلال ال 30 يوما الأخيرة (شهر) ، كم عدد السجائر التي كنت <br> تدخنها في اليوم الواحد؟ <br> لم أدخن ولا سيجارة خلال 30يوما الأخيرة. <br> (أقل من سيجارة واحدة في اليوم (b <br> (c <br> 2 (d <br> (e 6 إلى 10 سجائر في اليوم <br> 11إلى 20 سيجارة في اليوم <br> (g أكثر من 20 سيجارة في اليوم |
| :---: | :---: |
| 5. During the past 30 days (one month), how did you usually get your own cigarettes? <br> (SELECT ONLY ONE RESPONSE) <br> a. I did not smoke cigarettes during the past 30 days (one month) <br> b. I bought them in a store, shop or from a street vendor <br> c. I gave someone else money to buy them for me <br> d. I borrowed them from someone else <br> e. I stole them <br> f. An older person gave them to me <br> g. I got them some other way | 5 - 5 <br> على السجائر (اختر إجابة واحدة فقط) ؟ <br> لم أدخن السجائر خلال 30 يوما الأخيرة <br> (اشتريت السجائر من محل بيع التبغ او من الباعة (b <br> المتجولون. <br> c <br> (d <br> (e <br> (f <br> (g |


| 6. During the past 30 days (one month), what brand of cigarettes did you usually smoke? (SELECT ONLY ONE RESPONSE) <br> a. I did not smoke cigarettes during the past 30 days <br> b. No usual brand <br> c. Reydhi <br> d. Rothman <br> e. Winston <br> f. Business <br> g. Marlboro <br> h. Other | 6-6 خلال 30 يوما الأخيرة (شهر) ، أي نوع من السجائر كنت <br> تدخن عادة (اختر إجابة واحدة فقط)؟ <br> لم أدخن السجائر خلال 30 يوما الأخيرة <br> ليس دائما نفس النوع <br> (b <br> c <br> d <br> e <br> ff <br> g (g مارلبورو <br> h |
| :---: | :---: |
| 7. During the past 30 days (one month), did anyone ever refuse to sell you cigarettes because of your age? <br> a. I did not try to buy cigarettes during the past 30 days (one month) <br> b. Yes, someone refused to sell me cigarettes because of my age <br> c. No, my age did not keep me from buying cigarettes | 7 - خلال 30 يوما الأخيرة (شهر) ، هل رفض أحد بيعك <br> السجائر بسبب صغر سنك؟ <br> a <br> b (b نعم ، لقد رفض بيعي السجائر نظرا لصغر سني. <br> (c |
| THE NEXT QUESTIONS ASK ABOUT YOUR USE OF SHISHA. <br> 8. Have you ever tried or experimented with smoking shisha, even once? <br> a. Yes <br> b. No | الأسئلة الآتية تتعلق باستعمال الشيشة. <br> 8- هل سبق لك أن حاولت او جربت تدخين الشيشة ، ولو لمرة |
| 9. How old were you when you first tried smoking shisha? <br> a. I have never tried smoking shisha <br> b. 7 years old or younger <br> c. 8 or 9 years old <br> d. $\quad 10$ or 11 years old <br> e. $\quad 12$ or 13 years old <br> f. $\quad 14$ or 15 years old <br> g. $\quad 16$ years old or older | 9- كم كان عمرك عندما حاولت تدخين الشيشة لأول مرة؟ <br> لم احاول تدخن الشيشة أبدا <br> (a <br> 7 سنوات أو أقل <br> (b <br> (c 8 ( 8 ( ${ }^{\text {( } 9 \text { سنوات }}$ <br> 10أو 11 سنة <br> (d <br> 12أو 13 سنة <br> (e |


|  | (f 14 أو 15 سنة <br> (g 16 7سنة أو أكثر |
| :---: | :---: |
| 10. During the past 30 days (one month), on how many days did you smoke shisha? <br> a. 0 days <br> b. 1 or 2 days <br> c. 3 to 5 days <br> d. 6 to 9 days <br> e. $\quad 10$ to 19 days <br> f. 20 to 29 days <br> g. All 30 days |  |
| 11. During the past 30 days (one month), on the days you smoked, how many shisha rocks (hagar) did you usually smoke? <br> a. I did not smoke shisha during the past 30 days (one month) <br> b. Less than 1 rock (hagar) per day <br> c. 1 rock (hagar) per day <br> d. 2 to 5 rock (hagar) per day <br> e. More than the above | 11- خلال ال 30يوما الأخيرة (شهر) ، فن المرات التي دخنت فيها الشيشة كم عدد الحجر او (كرسي) الذى تدخنه عادة ؟ - لم أدخن الشيشة خلال 30 30يوما الأخيرة. <br> - لم أكمل حجر او (كرسي) شيشة واحد في اليوم <br> (b <br> (c <br> (d <br> -أكثر من ذلك <br> (e |
| 12. Where do you usually smoke shisha? (SELECT ONLY ONE RESPONSE) <br> a. I have never smoked shisha <br> b. At home <br> c. At a coffee shop <br> d. At a restaurant <br> e. At a club <br> f. Other | 12- أين تدخن الشيشة عادة (اختر إجابة واحدة فقط) ؟ <br> (a <br> b <br> c <br> d <br> (e <br> f |
| 13. During the past 30 days (one month), did anyone ever refuse to serve you shisha because of your age? <br> a. I did not try to get shisha served to me during the past 30 days (one month) | 13 - خلال 30 يوما الأخيرة (شهر) ، هل رفض أحد تقديم الشيشة <br> إليك بسبب صغر سنك؟ <br> a <br> b. نعم ، لقد رفض احد تقديم الشيشة لى لصغر |


| b. Yes, someone refused to serve me shisha because of my age <br> c. No, my age did not keep me from being served shisha | .c |
| :---: | :---: |
| THE NEXT QUESTIONS ASK <br> ABOUT YOUR USE OF smokeless <br> tobacco <br> 14. Have you ever tried or <br> experimented with smokeless <br> tobacco, even once? <br> c. Yes <br> d. No | الأسئلة الآتية تتعلق باستخدام التبغ عن غير طريق التدخين <br> (المضغة، التمباك، النفه): (يسمى حسب كل دولة) <br> 14.هل سبق لك أن حاولت او جربت استخدام التبغ عن غير <br> طريق التدخين ( التمباك)، ولو لمرة واحدة؟ <br> (a <br> V (b |
| 15. How old were you when you first tried smokeless tobacco? <br> a) I have never tried smokeless tobacco <br> b) 7 years old or younger <br> c) 8 or 9 years old <br> d) 10 or 11 years old <br> e) 12 or 13 years old <br> f) 14 or 15 years old <br> g) 16 years old or older | 15 - كم كان عمرك عندما حاولت استخدام التبغ عن غير طريق <br> التدخين ( التمباك) لأول مرة؟ <br> (a <br> 7 سنوات أو أقل <br> (b <br> 8 أو9 سنوات <br> (c <br> 10 أو 11 سنة <br> (d <br> 12أو 13 سنة <br> (e <br> 14 أو 15 سنة <br> (f <br> 16 سنة أو أكثر <br> (g |
| 16. During the past 30 days (one month), on how many days did you use smokless tobacco? <br> a) 0 days <br> b) 1 or 2 days <br> c) 3 to 5 days <br> d) 6 to 9 days <br> e) 10 to 19 days <br> f) 20 to 29 days <br> g) All 30 days | 16. خلال 30يوما الأخيرة (شهر) ، كم يوم استخدمت فيه التنغ <br> عن غير طريق التدخين ( التمباك)؟ |


|  | (g |
| :---: | :---: |
| THE NEXT QUESTIONS ASK ABOUT YOUR KNOWLEDGE AND ATTITUDES TOWARD TOBACCO. <br> 17. Do your parents smoke cigarettes? <br> a. None <br> b. Both <br> c. Father only <br> d. Mother only <br> e. I don't know | الأسئلة الأتية تسأل عن المعرفة و المواقف تجاه التبغ <br> 17-هل والداك يدخنان السجائر؟ <br> y.a <br> b <br> c <br> d <br> e |
| 18. Do your parents smoke shisha? <br> a. None <br> b. Both <br> c. Father only <br> d. Mother only <br> e. I don't know | 18- هل والداك يدخنان الشيشة؟ y .a <br> b <br> c . أبي فقط يدخن. <br> d <br> e |
| 19. Does anyone in your house other than your parents smoke cigarettes? <br> a. Yes <br> b. No | 19- هل يوجد احد غير والديك يدخن السجائر فـ منزلك ؟ <br> (a <br> لا (b |
| 20. Does anyone in your house other than your parents smoke shisha? <br> a. Yes <br> b. No | 20- هل يوجد احد غير والديك يدخن الشيشة فـ منزلك ؟ <br> (a <br> $\forall$ (b |
| 21. Does smoking help people feel more or less comfortable at celebrations, parties, or in other social gatherings? <br> a. More comfortable <br> b. Less comfortable <br> c. No difference from nonsmokers | 21 - هل تعتقد أن التدخين يشعر الإنسان بارتياح أكثر في الحفلات والمناسبات و التجمعات الاجتماعية الاخرى ؟ $\begin{array}{ll} \text { نعم } & \text {.a } \\ \text { لم } \end{array}$ <br> .c |


| 22. Do you think cigarettes smoking makes boys look more or less attractive? <br> a. More attractive <br> b. Less attractive <br> c. No difference from nonsmokers | 22 - هل تعتقد أن تدخين السجائر يجعل الأولاد أكثر أو أقل جاذية؟ <br> ( a <br> b أقل جاذبية <br> (c |
| :---: | :---: |
| 23. Do you think cigarettes smoking makes girls look more or less attractive? <br> a) More attractive <br> b) Less attractive <br> c) No difference from nonsmokers | 23- هل تعتقد أن تدخين السجائر يجعل الفتيات أكثر أو أقل <br> جاذبية؟ <br> ( أكثر جاذيية (a <br> b أقل جاذبية <br> (c |
| 24.Do you think that cigarettes smoking makes you gain or lose weight? <br> a) Gain weight <br> b) Lose weight <br> c) No difference | 24- هل تعتقد أن تدخين السجائر يجعلك تزيد أو تنقص في <br> الوزن؟ <br> (a <br> (b <br> (c ليس هناك فرق |
| 25.Do you think shisha smoking makes boys look more or less attractive? <br> a) More attractive <br> b) Less attractive <br> c) No difference from nonsmokers | 25 - هل تعتقد أن تدخين الشيشة يجعل الأولاد أكثر أو أقل <br> جاذية؟ <br> ( a أكثر جاذبية <br> b أقل جاذبية <br> (c |
| 26.Do you think shisha smoking makes girls look more or less attractive? <br> a) More attractive <br> b) Less attractive <br> c) No difference from nonsmokers | 26 - هل تعتقد أن تدخين الشيشة يجعل الفتيات أكثر أو أقل جاذبية؟ <br> a <br> b. أقل جاذبية |


|  | - - .c |
| :---: | :---: |
| 27.Do you think that shisha smoking makes you gain or lose weight? <br> a) Gain weight <br> b) Lose weight <br> c) No difference | 27- هل تعتقد أن تدخين الشيشة يجعلك تزيد أو تنقص في الوزن؟ <br> (a <br> (b تنصص في الوزن (b <br> (c |
| 28.Do you think cigarette smoking is harmful to your health? <br> a) Definitely not <br> b) Probably not <br> c) Probably yes <br> d) Definitely yes | 28 - هل تعتقد أن تدخين السجائر تضر بصحتك ؟ <br> 1- قطعا لا <br> 2- لا أظن <br> 3- مككن <br> 4- نعم بدون شك |
| 29. Do you think that smoking shisha harms your health? <br> a. Definitely not <br> b. Probably not <br> c. Probably yes <br> d. Definitely yes | 29- هل تعتقد أن تدخين الشيشة يضر بصحتك؟ <br> (a <br> b) لا أظن <br> (c <br> (d |
| 30. Do any of your closest friends smoke cigarettes? <br> a. None of them <br> b. Some of them <br> c. Most of them <br> d. All of them | 30- هل أصدقائك المقربين يدخنون السجائر؟ ل.a <br> b. البعض منهم <br> cc <br> كلهم يدخنون d |
| 31.Do any of your closest friends smoke shisha? <br> a. None of them <br> b. Some of them <br> c. Most of them <br> d. All of them | 31- هل أصدقائك المقربين يدخنون الشيشة؟ v.a <br> b. البعض منهم <br> c. أغلبهم يدخنون. <br> كلهم يدخنون |


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| :---: | :---: |
| 32. If one of your best friends offered you a cigarette, would you smoke it? <br> a. Definitely not <br> b. Probably not <br> c. Probably yes <br> d. Definitely yes | 32 - إذا أعطاك أحد أعز أصدقائك سيجارة، هل تدخنها ؟ <br> (a <br> b (b) لا أظن <br> c (c) مكن <br> (d |
| 33. If one of your best friends offered you a shisha, would you smoke it? <br> a. Definitely not <br> b. Probably not <br> c. Probably yes <br> d. Definitely yes | 33 - إذا أعطاك أحد أعز أصدقائك الشيشة ، هل تدخنها ؟ <br> a <br> b. لا أظن <br> c <br> d |
| 34.At any time during the next 12 months do you think you will smoke a cigarette? <br> a. Definitely not <br> b. Probably not <br> c. Probably yes <br> d. Definitely yes | 34 - هل تعتقد أنه خلال العام المقبل ، من الممكن أن تدخن <br> السجائر ؟ <br> قطعا لا a <br> b. لا أظن <br> c . مrكن <br> d |
| 35.At any time during the next 12 months do you think you will smoke shisha? <br> a. Definitely not <br> b. Probably not <br> c. Probably yes <br> d. Definitely yes | 35-هل تعتقد أنه خلال العام المقبل ، من الممكن أن تدخن <br> الشيشة ؟ <br> قطعا لa <br> b. لا أظن <br> c <br> d |
| 36.When you see a man smoking what do you think of him? <br> (SELECT ONLY ONE <br> RESPONSE) <br> a. Lacks confidence <br> b. Stupid <br> c. Loser | 36- عندما ترى رجال يدخن، ما هو رأيك فيه (اختار اجابة <br> واحدة فقط) ؟ <br> غير واثق من نفسه (a <br> (b |


| d. Successful <br> e. Intelligent <br> f. Strong | (c <br> d <br> e <br> (f |
| :---: | :---: |
| 37. When you see a woman smoking, what do you think of her? (SELECT ONLY ONE RESPONSE) <br> a) Lacks confidence <br> b) Stupid <br> c) Loser <br> d) Successful <br> e) Intelligent <br> f) Strong | 37 - عندما ترى امرأة تدخن، ما هو رأيك فيها (اختار اجابة <br> واحدة فقط)؟ <br> (a غير واثقة من نفسها (a) <br> ض <br> (c <br> (d <br> e (e <br> (f |
| 38.Do you think it is safe to smoke for only a year or two as long as you quit after that? <br> a) Definitely not <br> b) Probably not <br> c) Probably yes <br> d) Definitely yes | 38-هل تعتقد ان التدخين لسنة او سنتين غير ضار لصحتك طالما <br> ستتوقف عنه بعد ذلك ؟ <br> (a <br> b <br> (c <br> d (d) نعم بدون شك |
| THE NEXT QUESTIONS ASK ABOUT YOUR EXPOSURE TO OTHER PEOPLE'S SMOKING. <br> 39. Do you think the smoke from other people's cigarettes is harmful to you? <br> a) Definitely not <br> b) Probably not <br> c) Probably yes | الاسئلة القادمة تتعلق بتعرضك لدخان التبغ من المدخنين <br> الاخرين <br> 39- هل تعتقد أن وجودك بيوار مدخن وتعرضك لدخان السجائر <br> يضر بصحتك ؟ <br> (a |



| places (such as in restaurants, in buses, streetcars, and trains, in schools, on playgrounds, in gyms and sports arenas, in discos)? <br> a) Yes <br> b) No | ( المطمّ، الحافلة، السيارة، المدرسة، ملعب الرياضة...) ؟ |
| :---: | :---: |
| 44.Are you in favor of banning shisha smoking in public places (such as in restaurants, in buses, streetcars, and trains, in schools, on playgrounds, in gyms and sports arenas, in discos)? <br> a) Yes <br> b) No | 44-هل تؤيد منع تدخين الشيشة في الأماكن العمومية ( المطمّ، الحافلة، السيارة، المدرسة، ملعب الرياضة....) ؟ |
| 45.Do you want to stop smoking cigarettes now? <br> a) I have never smoked cigarettes <br> b) I do not smoke cigarettes now <br> c) Yes <br> d) No | 45- هل ترغب في الإقلاع عن تدخين السجائر الان ؟ <br> لم أدخن السجائر أبدا <br> (a <br> لا أدخن السجائر الآن <br> (b <br> (c <br> V (d |
| 46. Do you want to stop shisha smoking now? <br> a. I have never smoked shisha <br> b. I do not smoke shisha now <br> c. Yes <br> d. No | 46- هل ترغب في الإقلا ع عن تدخين الشيشة الان ؟ <br> لم أدخن الشيشة أبدا <br> (a <br> لا أدخن الشيشة الآن <br> (b <br> (c <br> $y$ (d |
| 47.During the past year, have you ever tried to stop smoking cigarettes? <br> a) I have never smoked cigarettes <br> b) I did not smoke cigarettes during the past year <br> c) Yes <br> d) No | 47 - خلال السنة الماضية، هل حاولت الإقلاع عن تدخين <br> السجائر؟ <br> (a <br> b b ( لم أدخن السجائر خلال السنة الماضية <br> (c) (c) <br> ل (d <br> (e |
| 48.Do you think you would be able to stop smoking cigarettes if you wanted to? <br> a) I have never smoked | 48 - هل تعتقد أنه باستطاعتك الإقلاع عن تدخين السجائر عندما تريد ذلك ؟ |


| cigarettes <br> b) I have already stopped smoking cigarettes <br> c) Yes <br> d) No | لم أدخن السجائر أبدا (b لقد توقفت عن تدخين السجائر <br> c (c) نعم <br> y (d |
| :---: | :---: |
| 49.Do you want to stop smoking shisha now? <br> a) I have never smoked shisha <br> b) I do not smoke shisha now <br> c) Yes <br> d) No | 49- هل ترغب في الإقالع عن تدخين الشيشة الان ؟ <br> (a <br> (b لا أدخن الشيشة الآن <br> (c) (c) <br> V (d |
| 50.During the past year, have you ever tried to stop smoking shisha? <br> a. I have never smoked shisha <br> b. I did not smoke shisha during the past year <br> c. Yes <br> d. No | 50 - خلال السنة الماضية، هل حاولت الإقلاع عن تدخين الشيشة <br> a <br> لم أدخن الشيشة خلال السنة الماضية <br> (b <br> (c <br> $\forall$ (d |
| 51. Have you ever received help or advice to help you stop smoking cigarettes? (SELECT ONLY ONE RESPONSE) <br> a) I have never smoked cigarettes <br> b) Yes, from a program or professional <br> c) Yes, from a friend <br> d) Yes, from a family member <br> e) Yes, from both programs or professionals and from friends or family members <br> f) No | 51 <br> السجائر (ختنار اجابة واحدة فقط) ؟ <br> (a <br> (b نمّ، في إطار برنامج محاربة التدخين او احد المختصين. <br> (c نعم، من طرف صديق (c) <br> (d نعم، من طرف أحد أفراد العائلة (C) <br> (e <br> ل (f |
| 52.Have you ever received help or advice to help you stop smoking shisha? (SELECT ONLY ONE RESPONSE) <br> a) I have never smoked cigarettes <br> b) Yes, from a program or | 52- هل تلقيت أي نصيحة أو مساعدة لإققلاع عن تدخين <br> الشيشة (تختار اجابة واحدة فقط) ؟ <br> لم أدخن الشيشة أبدا <br> (a |


| professional <br> c) Yes, from a friend <br> d) Yes, from a family member <br> e) Yes, from both programs or professionals and from friends or family members <br> f) No | نعم، في إطار برنامج عحاربة التدخين او احد المختصين. <br> نمه، من طرف صديق <br> نعم، من طرف أحد أفراد العائلة <br> e (e <br> V (f |
| :---: | :---: |
| THE NEXT QUESTIONS ASK ABOUT YOUR KNOWLEDGE OF MEDIA MESSAGES ABOUT SMOKING. <br> 53.During the past 30 days (one month), how many anti-smoking media messages (e.g., television, radio, billboards, posters, newspapers, magazines, movies) have you seen or heard? <br> a) Alot <br> b) A few <br> c) None | الاسئلة القادمة تتعلق بمعلوماتك حول الرسائل الاعلامية عن <br> التدخين <br> 53 - خلال 30يوما الأخيرة (شهر) ، كم برنامج إعلامي حول مكافحة التدخين شاهدت او سمعت (عبر التلزيون ، أو الراديو ، أو لوحات أو ملصقات إعلانية أو الجرائد، أو بحلات، أو أفلام ...) ؟ b |
| 54.During the past 30 days (one month), how many anti- shisha smoking media messages (e.g., television, radio, billboards, posters, newspapers, magazines, movies) have you seen or heard? <br> a) Alot <br> b) A few <br> c) None | 54 مكافحة تدخين الشيشة شاهدت او سمعت (عبر التلفزيون، أو الراديو ، أو لوحات أو ملصقات إعلانية أو الجرائد، أو بجلات، أو أفلام ...) ؟ <br> a <br> b. برامج قليلة <br> .c |
| 55. When you go to sports events, fairs, concerts, community events, or social gatherings, how often do you see antismoking messages? <br> a) I never go to sports events, fairs, concerts, community events, or social gatherings <br> b) A lot <br> c) Sometimes <br> d) Never | 55 - عندما تذهب إلى مناسبة ثقافية، أو رياضية، اواجتماعية كم من مرة رأيت ملصقات أو رسائل ضد التدخين؟ <br> لم أذهب إلى أي مناسبة ثقافية، أو رياضية او <br> اجتماعية <br> (b <br> (c <br> (d |


| 56.When you watch TV, videos, or movies, how often do you see actors smoking? <br> a) I never watch TV, videos, or movies <br> b) A lot <br> c) Sometimes <br> d) Never | 56 ترى فيها أحد الممثلين يدخن ؟ a (a) لا أشاهد التلفزيون ولا السينما |
| :---: | :---: |
| 57.Do you have something (t-shirt, pen, backpack, etc.) with a cigarette brand $\log 0$ on it? <br> a) Yes <br> b) No | 57 - هل عندك شئ (قلم، عغظة، حقيبة، قميص ) فيه دعاية <br> لنوع من السجائر ؟ <br> (a <br> y (b |
| 58. During the past 30 days (one month), how many advertisements for cigarettes have you seen at point of sale? <br> a) A lot <br> b) A few <br> c) None | 58-خلال 30 يوما الأخيرة (شهر) ، كم من مرة رأيت فيها إعلانات أو ملصقات دعائية لترويج السجائر فن اماكن بيع السجائر؟ <br> كثيرا .a <br> b <br> c |
| 59.During the past 30 days (one month), how many advertisements or promotions for cigarettes have you seen in newspapers or magazines? <br> a) A lot <br> b) A few <br> c) None | 59- <br> لترويج السجائر في صحيفة أو بحلة؟ <br> .a <br> b <br> c |
| 60.When you go to sports events, fairs, concerts, or community events, how often do you see advertisements for cigarettes? <br> a) I never attend sports events, fairs, concerts, or community events <br> b) A lot <br> c) Sometimes <br> d) Never | 60 كم من مرة تشاهد ملصقات دعائية لتوويج السجائر؟ لا أذهب لأي مناسبة رياضية، أو ثقافية أو اجتماعية <br> (c <br> (d |


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| 61.Has a (cigarette representative) ever offered you a free cigarette? <br> a) Yes <br> b) No | 61 - هل سبق أن قدمت لك سجائر بحانا من مندوب شركات التبغ ؟ |
| 62. During this school year, were you taught in any of your classes about the dangers of smoking? <br> a) Yes <br> b) No <br> c) Not sure | 62- 6 التدخين في إحدى الحصص ؟ <br> (a <br> V (b <br> (c |
| 63.During this school year, did you discuss in any of your classes the reasons why people your age smoke? <br> a) Yes <br> b) No <br> c) Not sure | 63 - خلال هذه السنة الدراسية، هل تحدثتم في إحدى الحصص على الأسباب التي تدفع الشباب من عمرك إلى التدخين ؟ <br> (a <br> $y$ (b <br> (c |
| THE next QUESTIONS ASK FOR SOME BACKGROUND INFORMATION ABOUT YOURSELF. <br> 64.How old are you? <br> a) 11 years old or younger <br> b) 12 years old <br> c) 13 years old <br> d) 14 years old <br> e) 15 years old <br> f) 16 years old <br> g) 17 years old or older | الأسئلة الأتية تسأل عن بعض المعلومات عنك <br> 64- كم عمرك ؟ <br> (a <br> (b 12 سنة <br> (c 13 (c <br> (d <br> (e 15 سنة (e <br> (f 16 (f <br> (g 17 سنة أو أككر |
| 65.What is your sex? <br> a) Male <br> b) Female | 65-6 ما هو جنسك؟ <br> a <br> b |


| 66.In what grade/form are you? <br> a) seventh <br> b) eighth <br> c) ninth | 66- ما هو صفك الدراسي: - ما هو صغك الدراسي: حسب كل بلد: <br> a <br> b <br> c |
| :---: | :---: |


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