

# Global Youth Tobacco Survey 2016

report\_generated\_on: February 29, 2024

visit\_data\_catalog\_at: <http://catalog.ihsn.org/>

## Identification

SURVEY ID NUMBER  
MKD\_2016\_GYTS\_v01\_M

TITLE  
Global Youth Tobacco Survey 2016

COUNTRY

Name	Country code
North Macedonia	MKD

STUDY TYPE  
Other Household Survey [hh/oth]

SERIES INFORMATION  
This is the fifth GYTS conducted by Macedonia, the former Yugoslav Republic of.

ABSTRACT  
The GYTS is a school-based survey which uses a self-administered questionnaire to monitor tobacco use among youth and to guide the implementation and evaluation of tobacco prevention and control programmes.

KIND OF DATA  
Sample survey data [ssd]

UNIT OF ANALYSIS  
Individuals

## Version

VERSION DESCRIPTION  
Public-use dataset

## Scope

NOTES  
GYTS is composed of 56 "core" questions designed to gather data on the following seven domains:

1. Knowledge and attitudes of young people towards cigarette smoking
2. Prevalence of cigarette smoking and other tobacco use among young people
3. Role of the media and advertising in young people's use of cigarettes
4. Access to cigarettes
5. Tobacco-related school curriculum
6. Environmental tobacco smoke (ETS)
7. Cessation of cigarette smoking

Countries may add additional optional questions, such as on shisha use, smokeless tobacco use or e-cigarettes, or country-specific questions.

TOPICS

Topic	Vocabulary
Global Youth Tobacco Survey (GYTS)	Survey

KEYWORDS

Keyword
adolescents

noncommunicable diseases
risk factors
health surveys
tobacco

## Coverage

### GEOGRAPHIC COVERAGE

National

### UNIVERSE

School-going adolescents aged 13-15 years.

## Producers and sponsors

### FUNDING AGENCY/SPONSOR

Name	Abbreviation
World Health Organization	WHO
US Centers for Disease Control and Prevention	CDC

## Sampling

### SAMPLING PROCEDURE

GYTS uses a global standardized methodology that includes a two-stage sample design with schools selected with a probability proportional to enrollment size. The classes within selected schools are chosen randomly and all students in selected classes are eligible to participate in the survey.

A total of 5,141 eligible students in grades 8 - 9 completed the survey, of which 4,919 were aged 13-15 years.

### RESPONSE RATE

The overall response rate was 86.2%.

### WEIGHTING

The weighting formula used is:

$$W=W1 * W2 * f1 * f2 * f3*f4$$

The list below shows what each variable in the formula represents.

W1 - The inverse of the probability of selecting the school

W2 - The inverse of the probability of selecting the class within the school

f1 - a school-level nonresponse adjustment factor calculated by school size category (small, medium, large)

f2 - a class adjustment factor calculated by school

f3 - a student-level nonresponse adjustment factor calculated by class

f4 - a post stratification adjustment factor calculated by gender and grade

## data\_collection

### DATES OF DATA COLLECTION

Start	End
2016	2016

### DATA COLLECTION MODE

self-administered

## data\_processing

### DATA EDITING

All data processing (scanning, cleaning, editing, and weighting) was conducted at the US Centers for Disease Control.

## Access policy

### CONTACTS

Name	Affiliation	Email	URL
NCD Surveillance Team	World Health Organization	ncdmonitoring@who.int	<a href="#">Link</a>

### ACCESS CONDITIONS

The user undertakes:

- (1) to acknowledge the data source.
- (2) to share any planned publications with WHO prior to publication.
- (3) to offer co-authorship of any reports or publications using the survey results to the coordinator of the survey.
- (4) to use the data for non-commercial, not-for-profit public health purposes only.

### CITATION REQUIREMENTS

Publications based on GYTS data should use the following acknowledgement:

"This paper uses data from the Global Youth Tobacco Survey (GYTS). GYTS is supported by the World Health Organization and the US Centers for Disease Control and Prevention."

## Disclaimer and copyrights

### DISCLAIMER

The data is being distributed without warranty of any kind. The responsibility for the use of the data lies with the user. In no event shall the World Health Organization be liable for damages arising from its use.

## Metadata production

### DDI DOCUMENT ID

DDI\_[ISO]\_[year]\_GYTS\_v01\_M

### PRODUCERS

Name	Abbreviation	Affiliation	Role
		World Health Organization	Documentation of data
Melanie Cowan		World Health Organization	Supervision and review of metadata and documentation of study
Development Economics Data Group	DECDG	The World Bank	Metadata adapted for World Bank Microdata Library

### DDI DOCUMENT VERSION

Identical to a metadata (MKD\_2016\_GYTS\_v01) published on WHO NCD microdata repository

(<http://extranet.who.int/ncdsmicrodata/index.php/catalog>). Some of the metadata fields have been edited.

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>MACEDONIA_16</b> National public-use dataset	5141	78



**Data file: MACEDONIA\_16**

National public-use dataset

Cases: 5141

variables: 78

**variables**

ID	Name	Label	Question
V1	FinalWgt	finalwgt	
V2	CR1	Custom age	How old are you?
V3	CR2	Sex	Are you a boy or a girl?
V4	MKR3	In what grade are you	In what grade/form are you?
V5	MKR4	Personal spend per week	During an average week, how much money do you have that you can spend on yourself, however you want?
V6	OR1	Do your parents work	Do your parents work?
V7	MKR6	Father education	What level of education did your father (stepfather or mother's partner) complete?
V8	MKR7	Mother education	
V9	CR5	Tried smoking	Have you ever tried or experimented with cigarette smoking, even one or two puffs?
V10	CR6	Age first cigarette	How old were you when you first tried a cigarette?
V11	CR7	Smoked past 30 days	During the past 30 days (one month), on how many days did you smoke cigarettes?
V12	CR8	Cigarettes per day	How many cigarettes did you usually smoke in the past month during one day?
V13	CR9	Tried other tobacco	Have you ever tried or experimented with any form of smoked tobacco products other than cigarettes (such as for example cigars, mini cigars, pipes, shisha)?
V14	CR10	Used other tobacco past month	During the past 30 days, did you use any form of smoked tobacco products other than cigarettes (such as cigars, cigarillos, pipe, waterpipes/hookah/shisha/narguileh)?
V15	SR1	Ever tried water pipe	Have you ever tried or experimented with water pipe smoking, even one or two puffs?
V16	SR7	Other people's shisha smoking is harmful	Do you think the smoke from other people's shisha smoking is harmful to you?
V17	SR9	Refuse serve shisha due to age	During the past 30 days, did anyone refuse to serve you shisha because of your age?
V18	CR11	Smoking first thing morning	Do you ever have a cigarette or feel like having a cigarette first thing in the morning?
V19	CR12	How soon feel strong desire	How soon after you smoke tobacco do you start to feel a strong desire to smoke again that is hard to ignore?
V20	OR9	Where do you usually smoke	Where do you usually smoke? (select only one response)
V21	CR13	Tried smokeless tobacco	Have you ever tried or experimented with any form of smokeless tobacco products ,such as snuff, chewing tobacco, dipping tobacco, etc.?
V22	CR14	Smokeless tobacco past month	During the past 30 days, did you use any form of smokeless tobacco products ,such as snuff, hewing tobacco, dipping tobacco, etc.?
V23	ELR1	Heard of electronic cigarettes	Before today, had you ever heard of electronic cigarettes or e-cigarettes?
V24	ELR2	Electronic cigarettes past month	During the past 30 days, on how many days did you use electronic cigarettes?
V25	CR15	Want to stop smoking now	Do you want to stop smoking now?

ID	Name	Label	Question
V26	CR16	Tried stop smoking last year	During the past 12 months, did you ever try to stop smoking?
V27	CR17	Stop smoking if wanted to	Do you think you would be able to stop smoking if you wanted to?
V28	CR18	Received help/advice stop smoking	Have you ever received help or advice to help you stop smoking? (SELECT ONLY ONE RESPONSE)
V29	OR10	Without smoking for a week	How easy or difficult would you find it to go without smoking for as long as a week?
V30	OR12	How long ago did you stop smoking	How long ago did you stop smoking?
V31	OR13	Main reason stop smoking	What was the main reason you decided to stop smoking? (select one response only)
V32	CR19	Days people smoke in your home	During the past 7 days, on how many days has anyone smoked inside your home, in your presence?
V33	OR15	Father smoking in your home	How often do you see your father (stepfather or mother's partner) smoking in your home?
V34	OR16	Mother smoking in your home	How often do you see your mother (stepmother or father's partner) smoking in your home?
V35	OR17	Brother/sister smoking in your home	How often do you see your brother/sister smoking in your home?
V36	CR20	Days people smoked enclosed public	During the past 7 days, on how many days has anyone smoked in your presence, inside any enclosed public place, other than your home (such as school, shops, cafes, restaurants, shopping malls, etc.)?
V37	CR21	Days people smoked open public	During the past 7 days, on how many days has anyone smoked in your presence, at any outdoor public place (such as playgrounds, sidewalks, entrances to buildings, parks, swimming pools, etc.)?
V38	CR22	People smoke in school	During the past 30 days, did you see anyone smoke inside the school building or outside on school property?
V39	CR23	Think other people smoking harmful	Do you think that smoke of cigarettes which others are smoking is hazardous for you?
V40	CR24	Banning smoking inside enclosed public	Are you in favor of banning smoking inside enclosed public places (such as schools, shops, cafes, restaurants, shopping malls, etc.)?
V41	CR25	Banning smoking public places	Are you in favor of banning smoking at outdoor public places ,such as a park, a beach, playgrounds, building entrances, public transport stops, walking down the street, etc.?
V42	CR26	Obtain cigarettes last time	The last time you smoked cigarettes during the past 30 days, how did you get them? (select only one response)
V43	CR27	Refuse to sell due to age	During the past month, when you entered a shop to buy tobacco products, did the salesman refuse to sell them to you because of your age?
V44	CR28	Bought cigarettes last time	The last time you smoked cigarettes during the past 30 days, how did you get them? (select only one response)
V45	MKR44	Pay pack 20 cigarettes	On average, how much do you think a pack of 20 cigarettes costs?
V46	OR20	Cigarettes brands	During the past 30 days, what brand of cigarettes did you usually smoke? (select only one response)
V47	OR21	Difficult to buy cigarettes	On the whole, do you find it easy or difficult to buy cigarettes from a shop?
V48	OR22	Purchase cigarettes near school	Can you purchase cigarettes near your school?
V49	OR24	Raise cigarettes price	Do you think the price of cigarettes should be increased?
V50	CR30	Anti-messages media	During the past 30 days, did you see or hear any anti-tobacco media messages on television, radio, internet, billboards, posters, newspapers, magazines, or movies?
V51	CR31	Anti-messages event	During the past 30 days, did you see or hear any anti-tobacco messages at sports events, fairs, concerts, or community events, or social gatherings?
V52	CR32	Health warnings on cigarette packages	During the past 30 days, did you see any health warnings on cigarette packages?

ID	Name	Label	Question
V53	CR33	Taught dangers of tobacco	During the past 12 months, were you taught in any of your classes about the dangers of tobacco use?
V54	OR25	Adolescent cannot buy tobacco	During the past 30 days, did you see any signs stating that adolescents are not allowed to buy any tobacco products?
V55	CR34	See people using tobacco TV	During the past 30 days, did you see any people using tobacco when you watched TV, videos, or movies?
V56	CR35	See tobacco advertisements	During the past 30 days, did you see any advertisements or promotions for tobacco products at points of sale (such as grocery stores, shops, kiosks, etc.)?
V57	OR41	Video promote smoking past month	During the past 30 days, did you see any videos on the Internet that promote smoking tobacco or make smoking tobacco look fun/cool?
V58	CR36	Wear/use tobacco name	Would you ever use or wear something that has a tobacco company or tobacco product name or picture on it such as a lighter, t-shirt, hat, or sunglasses?
V59	CR37	Tobacco brand logo	Do you have something (for example, t-shirt, pen, backpack) with a tobacco product brand logo on it?
V60	CR38	Offered you a free tobacco	Has a person working for a tobacco company ever offered you a free tobacco product?
V61	OR44	Ban tobacco ads	Do you think tobacco advertising should be banned?
V62	CR39	Best friends offered tobacco	If one of your best friends offered you a tobacco product, would you use it?
V63	CR40	Use tobacco next 12 months	At anytime during the next 12 months do you think you will use any form of tobacco?
V64	CR41	Difficult to quit smoking	Once someone has started smoking tobacco, do you think it would be difficult for them to quit?
V65	CR42	Smoking helps feel comfortable socially	Does cigarette smoking help people to feel more comfortable or more uncomfortable at celebrations, parties or other social gatherings?
V66	CR43	Agree or disagree with the following	Do you agree or disagree with the following: "I think I might enjoy smoking a cigarette."
V67	OR46	Closest friend smoke	Do any of your closest friends smoke tobacco?
V68	OR47	Students in your grade smoke	About how many students in your grade smoke tobacco?
V69	OR49	Smoking makes people attractive	Do you think smoking tobacco makes young people look more or less attractive?
V70	OR50	Smoking helps lose/gain weight	During the past 30 days, did you smoke tobacco to help you lose weight or keep from gaining weight?
V71	OR53	Smoking tobacco is harmful	Do you think smoking tobacco is harmful to your health?
V72	OR55	Family discuss smoking effect	Has anyone in your family discussed the harmful effects of smoking tobacco with you?
V73	OR58	Taught effects of smoking	During the past 12 months, were you taught in any of your classes about the effects of using tobacco like it makes your teeth yellow, causes wrinkles, or makes you smell bad?
V74	OR59	Teachers smoking in school building	During school hours, how often do you see teachers smoking in the school building?
V75	OR61	Ban tobacco sale to minors	Do you think the sale of tobacco products to minors should be banned?
V76	OR62	Tobacco company try to get young	Do you believe that tobacco companies try to get young people under age 18 to use tobacco products?
V77	Stratum	stratum	
V78	PSU	psu	

total: 78



**FINALWGT: finalwgt****Data file: MACEDONIA\_16****Overview**

Valid: 5141 Invalid: 0

Type: Discrete Decimal: 2 Range: 251.7812275619 - 1286.25826469725 Format: Numeric

**Questions and instructions**

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8.97214250747406		14	0.3%
8.9829234823158		11	0.2%
8.99526321670973		5	0.1%
9.01311536739955		11	0.2%
9.02193852173695		1	0%
9.02787010068822		12	0.2%
9.03569491564724		1	0%
9.04093362470632		12	0.2%
9.04093362470634		12	0.2%
9.04579601478498		5	0.1%
9.06637958091962		10	0.2%
9.08866383874		12	0.2%
9.09953249029247		4	0.1%
9.11417758281924		6	0.1%
9.11766733455054		8	0.2%
9.14887823624697		8	0.2%
9.15310401707242		9	0.2%
9.15310401707242		18	0.4%
9.15310401707243		9	0.2%
9.15524745660618		9	0.2%
9.16316558463017		8	0.2%
9.16316558463018		6	0.1%
9.1970466105695		11	0.2%
9.20181390573097		6	0.1%
9.22848943625903		10	0.2%
9.22848943625906		6	0.1%
9.22848943625908		9	0.2%
9.2623922128767		14	0.3%
9.30113333893424		9	0.2%
9.30374217811279		12	0.2%
9.3040562824613		15	0.3%
9.30944109798064		9	0.2%
9.36223565997298		15	0.3%
9.37538269443096		9	0.2%
9.37817211553769		14	0.3%
9.38866184104117		12	0.2%

9.3886618410412		1	0%
9.39822962575062		3	0.1%
9.40711709120291		12	0.2%
9.40711709120293		12	0.2%
9.42488818223352		10	0.2%
9.43401769534576		13	0.3%
9.45820748430814		18	0.4%
9.46596610210662		20	0.4%
9.47020014464811		8	0.2%
9.47554622956076		5	0.1%
9.48980844877904		10	0.2%
9.52383070275632		21	0.4%
9.52383070275632		13	0.3%
9.52383070275633		22	0.4%
9.61300982943651		16	0.3%
9.64044032891839		1	0%
9.73639005737606		2	0%
9.73639005737606		1	0%
9.76379339483651		12	0.2%
9.7689292870184		12	0.2%
9.76892928701843		7	0.1%
9.77545061453159		1	0%
9.81259104907763		9	0.2%
9.81612218212482		10	0.2%
9.8412917261815		12	0.2%
9.8447236548662		7	0.1%
9.86814110703815		7	0.1%
9.92118160466169		10	0.2%
9.92399165665361		7	0.1%
9.92676271668267		7	0.1%
9.9267627166827		4	0.1%
9.96022012799762		1	0%
10.0156140691546		9	0.2%
10.0683457631498		9	0.2%
10.0721276455614		18	0.4%
10.1307414828339		4	0.1%
10.1307414828339		10	0.2%
10.3091188842805		11	0.2%
10.3290432095554		5	0.1%

10.3380525883257		1	0%
10.3981252804356		5	0.1%
10.4408625458583		7	0.1%
10.4800773960351		11	0.2%
10.509119427009		11	0.2%
10.5237160238042		10	0.2%
10.5720370729965		12	0.2%
10.5826626078938		10	0.2%
10.7266674524124		6	0.1%
10.7298992469042		15	0.3%
10.8291956909266		6	0.1%
10.8428338987767		3	0.1%
10.8486593275961		4	0.1%
10.9185490675642		5	0.1%
10.9347685846461		16	0.3%
10.939394934596		1	0%
10.9654949043294		3	0.1%
11.1038971140636		1	0%
11.1083669140155		6	0.1%
11.1573534755151		5	0.1%
11.1644906137353		6	0.1%
11.1775460089292		8	0.2%
11.392721978524		4	0.1%
11.4059842937948		1	0%
11.5747437106737		4	0.1%
11.5779902660959		9	0.2%
11.9623580774502		11	0.2%
11.9936842889463		10	0.2%
12.0266548298271		3	0.1%
12.047593220863		5	0.1%
12.0914733406145		2	0%
12.5319941763764		6	0.1%
12.6566224637705		3	0.1%
12.7169176259606		8	0.2%
13.0215866745079		1	0%
13.1607511082248		3	0.1%
13.2319888755382		13	0.3%
13.4277561724221		4	0.1%
13.4972699419959		17	0.3%

13.497269941996		53	1%
13.497269941996		32	0.6%
13.497269941996		40	0.8%
13.5117249775831		11	0.2%
13.9326657465765		25	0.5%
13.9517000084014		4	0.1%
14.0163957089958		19	0.4%
14.0371607396758		22	0.4%
14.0371607396758		12	0.2%
14.0371607396759		13	0.3%
14.0589881802593		10	0.2%
14.1106756368044		8	0.2%
14.1107822120867		12	0.2%
14.2471182721068		11	0.2%
14.262659392944		1	0%
14.3408493133707		5	0.1%
14.5355214759957		13	0.3%
14.5755452957861		1	0%
14.5768945595537		4	0.1%
14.5768945595537		10	0.2%
14.5768945595537		9	0.2%
14.5768945595537		13	0.3%
14.5768945595538		5	0.1%
14.5770515373557		13	0.3%
14.5914446732168		7	0.1%
14.5914446732168		16	0.3%
14.5914446732168		7	0.1%
14.5914446732168		9	0.2%
14.5914446732169		7	0.1%
14.6220424371623		13	0.3%
14.6709455891261		10	0.2%
14.6969859042149		2	0%
14.6969859042149		31	0.6%
14.6969859042149		39	0.8%
14.696985904215		50	1%
14.7646534371174		3	0.1%
14.7807590985432		12	0.2%
14.7807590985432		3	0.1%
14.7807590985432		12	0.2%

14.7807590985432		9	0.2%
14.7807590985432		3	0.1%
14.7807590985432		4	0.1%
14.782724222186		1	0%
14.7827242221861		17	0.3%
14.9180351990482		15	0.3%
14.9343081732211		1	0%
15.1016393572348		1	0%
15.1599703419359		13	0.3%
15.1710822237057		6	0.1%
15.1751024601455		12	0.2%
15.2622545928386		7	0.1%
15.271032395723		17	0.3%
15.2744269929011		1	0%
15.2848653403835		3	0.1%
15.2848653403836		13	0.3%
15.2848653403836		12	0.2%
15.2862753719415		4	0.1%
15.3378067522682		10	0.2%
15.3440995363723		7	0.1%
15.3594154454913		12	0.2%
15.3650307180429		10	0.2%
15.3701154368949		6	0.1%
15.3867220350845		7	0.1%
15.3867220350845		4	0.1%
15.3867220350845		8	0.2%
15.4020804883955		11	0.2%
15.4020804883956		14	0.3%
15.4020804883956		10	0.2%
15.4935648143332		3	0.1%
15.5054550957798		1	0%
15.5134851211158		25	0.5%
15.5197970534704		11	0.2%
15.5223688425934		10	0.2%
15.5223688425934		6	0.1%
15.5223688425934		15	0.3%
15.5223688425934		7	0.1%
15.5223688425934		13	0.3%
15.5223688425934		3	0.1%

15.5223688425935		4	0.1%
15.5486875301907		5	0.1%
15.5642076514313		10	0.2%
15.6019123817956		6	0.1%
15.6155475232284		11	0.2%
15.6181013138076		7	0.1%
15.6325813616764		1	0%
15.6336907213038		7	0.1%
15.6568331327154		11	0.2%
15.6810888085004		1	0%
15.6981941410579		6	0.1%
15.7045565422022		7	0.1%
15.7138634942336		7	0.1%
15.743046124318		14	0.3%
15.7587602470742		10	0.2%
15.8275232814623		12	0.2%
15.8444506082106		9	0.2%
15.8602659491487		14	0.3%
15.8727447765522		12	0.2%
15.8791411082305		6	0.1%
15.9020667922404		12	0.2%
15.9020667922404		8	0.2%
15.9179396435093		10	0.2%
15.9179396435093		14	0.3%
15.9217347295662		11	0.2%
15.9537257946687		4	0.1%
15.9749846784945		12	0.2%
16.0345840155091		5	0.1%
16.0485363446928		1	0%
16.0505648205447		3	0.1%
16.0505648205447		1	0%
16.0505891405385		5	0.1%
16.0681785023762		10	0.2%
16.0966988474735		20	0.4%
16.0966988474735		4	0.1%
16.1113045131909		7	0.1%
16.111304513191		9	0.2%
16.124464471138		13	0.3%
16.1244644711381		12	0.2%

16.1273862177659		11	0.2%
16.127386217766		9	0.2%
16.1498565134533		4	0.1%
16.1965495106152		5	0.1%
16.1967239303952		3	0.1%
16.2127163035742		4	0.1%
16.244037052027		4	0.1%
16.2588350083975		3	0.1%
16.2918233312659		11	0.2%
16.2984872847231		9	0.2%
16.308085223007		6	0.1%
16.3299843380166		9	0.2%
16.384722667182		11	0.2%
16.423065665048		9	0.2%
16.478228632539		16	0.3%
16.478228632539		21	0.4%
16.4925168952555		8	0.2%
16.4946765871147		7	0.1%
16.4946765871147		24	0.5%
16.519671933666		6	0.1%
16.5341091422418		8	0.2%
16.6593080680614		5	0.1%
16.6759367693906		9	0.2%
16.7011203456988		12	0.2%
16.7086841983532		11	0.2%
16.7086841983532		1	0%
16.7641583500009		1	0%
16.819493722562		4	0.1%
16.8362823152502		5	0.1%
16.890772802299		1	0%
16.9334932828292		6	0.1%
16.9334932828292		9	0.2%
16.9965621491801		22	0.4%
17.006376986146		2	0%
17.0063769861461		5	0.1%
17.0233521187529		4	0.1%
17.023352118753		12	0.2%
17.0485036488894		13	0.3%
17.0547220367807		4	0.1%

17.0746057268528		7	0.1%
17.1120066568675		5	0.1%
17.1290872250807		5	0.1%
17.1563024049717		1	0%
17.164818798215		6	0.1%
17.2442189483004		1	0%
17.2470764917705		9	0.2%
17.2905716520176		11	0.2%
17.3485298828986		10	0.2%
17.3513258982899		7	0.1%
17.3518396378406		1	0%
17.3797236830138		6	0.1%
17.4922734714645		13	0.3%
17.4964117907321		10	0.2%
17.5097336078602		11	0.2%
17.5470256481491		11	0.2%
17.6363830850579		2	0%
17.6556213025992		1	0%
17.8600839107398		8	0.2%
18.1400225300303		10	0.2%
18.221911250001		6	0.1%
18.475948873179		8	0.2%
18.5073155830855		5	0.1%
18.5587461702444		2	0%
18.6364891527436		1	0%
18.6824697577817		4	0.1%
18.7222948581548		5	0.1%
18.7561956848004		16	0.3%
18.8961779187944		6	0.1%
19.0501799431829		12	0.2%
19.0617797412705		5	0.1%
19.1060816754794		20	0.4%
19.4029610532418		8	0.2%
19.6616672006184		9	0.2%
19.7076787980577		12	0.2%
19.8775834903006		2	0%
19.8974245543866		5	0.1%
20.1555805889225		7	0.1%
20.1555805889226		2	0%

20.2083556182956		6	0.1%
20.4076523833752		7	0.1%
20.4280225425036		3	0.1%
20.4656664441367		7	0.1%
20.575780265901		9	0.2%
20.6964917901246		6	0.1%
21.1668666035365		4	0.1%
21.1668666035365		2	0%
21.2473412041559		7	0.1%
21.4925107051293		6	0.1%
22.0454788563224		14	0.3%
22.3134052112281		9	0.2%
29.2985700176429		2	0%
32.5364861100996		2	0%
41.1515605318018		5	0.1%
42.084839886736		4	0.1%

## CR6: Age first cigarette

Data file: MACEDONIA\_16

### Overview

Valid: 4873 Invalid: 268

Type: Discrete Decimal: 0 Range: - Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

How old were you when you first tried a cigarette?

#### CATEGORIES

Value	Category	Cases	
1	I have never smoked cigarettes	3783	77.6%
2	7 years old or younger	114	2.3%
3	8 or 9 years old	94	1.9%
4	10 or 11 years old	117	2.4%
5	12 or 13 years old	355	7.3%
6	14 or 15 years old	406	8.3%
7	16 years old or older	4	0.1%
Sysmiss		268	

**CR1: Custom age****Data file: MACEDONIA\_16****Overview**

Valid: 5126    Invalid: 15  
 Type: Discrete    Decimal: 0    Range: 1 - 7    Format: Numeric

**Questions and instructions**

LITERAL QUESTION

How old are you?

CATEGORIES

Value	Category	Cases	
1	11 years old or younger	14	0.3%
2	12 years old	17	0.3%
3	13 years old	1483	28.9%
4	14 years old	1862	36.3%
5	15 years old	1574	30.7%
6	16 years old	171	3.3%
7	17 years old or older	5	0.1%
Sysmiss		15	

**CR2: Sex****Data file: MACEDONIA\_16****Overview**

Valid: 5127    Invalid: 14  
 Type: Discrete    Decimal: 0    Range: -    Format: Numeric

**Questions and instructions**

LITERAL QUESTION

Are you a boy or a girl?

CATEGORIES

Value	Category	Cases	
1	male	2595	50.6%
2	female	2532	49.4%
Sysmiss		14	

**MKR3: In what grade are you****Data file: MACEDONIA\_16****Overview**

Valid: 5102 Invalid: 39  
 Type: Discrete Decimal: 0 Range: - Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

In what grade/form are you?

## CATEGORIES

Value	Category	Cases	
1	Eight grade	1962	38.5%
2	Ninth grade	1549	30.4%
3	First grade (high school)	1591	31.2%
Sysmiss		39	

**MKR4: Personal spend per week****Data file: MACEDONIA\_16****Overview**

Valid: 5092 Invalid: 49  
 Type: Discrete Decimal: 0 Range: 1 - 6 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

During an average week, how much money do you have that you can spend on yourself, however you want?

## CATEGORIES

Value	Category	Cases	
1	I usually don't have any spending money	205	4%
2	Less than 100 denars	1295	25.4%
3	100 to 200 denars	1467	28.8%
4	201 to 300 denars	685	13.5%
5	More than 300 denars	1440	28.3%
Sysmiss		49	

**OR1: Do your parents work****Data file: MACEDONIA\_16**

## Overview

Valid: 5094 Invalid: 47  
 Type: Discrete Decimal: 0 Range: 1 - 5 Format: Numeric

## Questions and instructions

LITERAL QUESTION

Do your parents work?

CATEGORIES

Value	Category	Cases	
1	Father (step father or mother's partner) only	2109	41.4%
2	Mother (step mother or father's partner) only	201	3.9%
3	Both	2419	47.5%
4	Neither	319	6.3%
5	Don't know	46	0.9%
Sysmiss		47	

## MKR6: Father education

Data file: MACEDONIA\_16

## Overview

Valid: 5067 Invalid: 74  
 Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

## Questions and instructions

LITERAL QUESTION

What level of education did your father (stepfather or mother's partner) complete?

CATEGORIES

Value	Category	Cases	
1	No education	71	1.4%
2	Primary school unfinished	98	1.9%
3	Primary School	1164	23%
4	3 years of secondary school	317	6.3%
5	4 years of high school	1725	34%
6	High School	275	5.4%
7	Faculty	894	17.6%
8	Don't know	523	10.3%
Sysmiss		74	

**MKR7: Mother education****Data file: MACEDONIA\_16****Overview**

Valid: 5093 Invalid: 48  
 Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	No education	116	2.3%
2	Primary school unfinished	178	3.5%
3	Primary School	1618	31.8%
4	3 years of secondary school	237	4.7%
5	4 years of high school	1388	27.3%
6	High School	229	4.5%
7	Faculty	885	17.4%
8	Don't know	442	8.7%
Sysmiss		48	

**CR5: Tried smoking****Data file: MACEDONIA\_16****Overview**

Valid: 4850 Invalid: 291  
 Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

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

## CATEGORIES

Value	Category	Cases	
1	Yes	1167	24.1%
2	No	3683	75.9%
Sysmiss		291	

**CR7: Smoked past 30 days****Data file: MACEDONIA\_16**

## Overview

Valid: 4921 Invalid: 220  
 Type: Discrete Decimal: 0 Range: 1 - 7 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

During the past 30 days (one month), on how many days did you smoke cigarettes?

### CATEGORIES

Value	Category	Cases	
1	0 days	4528	92%
2	1 or 2 days	160	3.3%
3	3 to 5 days	48	1%
4	6 to 9 days	30	0.6%
5	10 to 19 days	30	0.6%
6	20 to 29 days	32	0.7%
7	All 30 days	93	1.9%
Sysmiss		220	

## CR8: Cigarettes per day

Data file: MACEDONIA\_16

## Overview

Valid: 4957 Invalid: 184  
 Type: Discrete Decimal: 0 Range: 1 - 7 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

How many cigarettes did you usually smoke in the past month during one day?

### CATEGORIES

Value	Category	Cases	
1	I did not smoke cigarettes during the past 30 days (one month)	4506	90.9%
2	Less than 1 cigarette per day	126	2.5%
3	1 cigarette per day	110	2.2%
4	2 to 5 cigarettes per day	96	1.9%
5	6 to 10 cigarettes per day	57	1.1%
6	11 to 20 cigarettes per day	34	0.7%
7	More than 20 cigarettes per day	28	0.6%
Sysmiss		184	

**CR9: Tried other tobacco****Data file: MACEDONIA\_16****Overview**

Valid: 4998    Invalid: 143  
 Type: Discrete    Decimal: 0    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Have you ever tried or experimented with any form of smoked tobacco products other than cigarettes (such as for example cigars, mini cigars, pipes, shisha)?

## CATEGORIES

Value	Category	Cases	
1	yes	761	15.2%
2	no	4237	84.8%
Sysmiss		143	

**CR10: Used other tobacco past month****Data file: MACEDONIA\_16****Overview**

Valid: 5032    Invalid: 109  
 Type: Discrete    Decimal: 0    Range: 1 - 2    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

During the past 30 days, did you use any form of smoked tobacco products other than cigarettes (such as cigars, cigarillos, pipe, waterpipes/hookah/shisha/narguileh)?

## CATEGORIES

Value	Category	Cases	
1	yes	289	5.7%
2	no	4743	94.3%
Sysmiss		109	

**SR1: Ever tried water pipe****Data file: MACEDONIA\_16**

**Overview**

Valid: 5047 Invalid: 94  
 Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Have you ever tried or experimented with water pipe smoking, even one or two puffs?

## CATEGORIES

Value	Category	Cases	
1	yes	641	12.7%
2	no	4406	87.3%
Sysmiss		94	

**SR7: Other people's shisha smoking is harmful**

Data file: MACEDONIA\_16

**Overview**

Valid: 5087 Invalid: 54  
 Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Do you think the smoke from other people's shisha smoking is harmful to you?

## CATEGORIES

Value	Category	Cases	
1	Definitely not	395	7.8%
2	Probably not	642	12.6%
3	Probably yes	1841	36.2%
4	Definitely yes	2209	43.4%
Sysmiss		54	

**SR9: Refuse serve shisha due to age**

Data file: MACEDONIA\_16

**Overview**

Valid: 5094 Invalid: 47  
 Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

During the past 30 days, did anyone refuse to serve you shisha because of your age?

### CATEGORIES

Value	Category	Cases	
1	I did not try to get shisha served to me during the past 30 days	4512	88.6%
2	Yes, someone refused to serve me shisha because of my age	252	4.9%
3	No, my age did not keep me from being served shisha	330	6.5%
Sysmiss		47	

## CR11: Smoking first thing morning

Data file: MACEDONIA\_16

### Overview

Valid: 5110 Invalid: 31

Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Do you ever have a cigarette or feel like having a cigarette first thing in the morning?

### CATEGORIES

Value	Category	Cases	
1	I don't smoke tobacco	3569	69.8%
2	No, when I get up in the morning I don't smoke cigarette as the first and I do not have such a desire	1332	26.1%
3	Yes, I sometimes as the first in the morning smoke a cigarette or have such a desire.	160	3.1%
4	Yes, as the first in the morning I always smoke a cigarette and have always such desire.	49	1%
Sysmiss		31	

## CR12: How soon feel strong desire

Data file: MACEDONIA\_16

### Overview

Valid: 5100 Invalid: 41

Type: Discrete Decimal: 0 Range: 1 - 8 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

How soon after you smoke tobacco do you start to feel a strong desire to smoke again that is hard to ignore?

## CATEGORIES

Value	Category	Cases	
1	I don't smoke tobacco	4420	86.7%
2	I never feel a strong desire to smoke again after smoking tobacco	450	8.8%
3	Within 60 minutes	96	1.9%
4	1 to 2 hours	53	1%
5	More than 2 hours to 4 hours	19	0.4%
6	More than 4 hours but less than one full day	16	0.3%
7	1 to 3 days	16	0.3%
8	4 days or more	30	0.6%
Sysmiss		41	

### OR9: Where do you usually smoke

Data file: MACEDONIA\_16

#### Overview

Valid: 5125 Invalid: 16

Type: Discrete Decimal: 0 Range: 1 - 8 Format: Numeric

#### Questions and instructions

## LITERAL QUESTION

Where do you usually smoke? (select only one response)

## CATEGORIES

Value	Category	Cases	
1	I do not smoke	4566	89.1%
2	At home	89	1.7%
3	At school	90	1.8%
4	At work	19	0.4%
5	At friends' houses	63	1.2%
6	At social events	84	1.6%
7	In public places (e.g. street, cafes, parks, shopping centers)	133	2.6%
8	Other	81	1.6%
Sysmiss		16	

### CR13: Tried smokeless tobacco

Data file: MACEDONIA\_16

**Overview**

Valid: 5047 Invalid: 94  
 Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Have you ever tried or experimented with any form of smokeless tobacco products ,such as snuff, chewing tobacco, dipping tobacco, etc.?

## CATEGORIES

Value	Category	Cases	
1	Yes	209	4.1%
2	No	4838	95.9%
Sysmiss		94	

**CR14: Smokeless tobacco past month**

Data file: MACEDONIA\_16

**Overview**

Valid: 4996 Invalid: 145  
 Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

During the past 30 days, did you use any form of smokeless tobacco products ,such as snuff, hewing tobacco, dipping tobacco, etc.?

## CATEGORIES

Value	Category	Cases	
1	Yes	105	2.1%
2	No	4891	97.9%
Sysmiss		145	

**ELR1: Heard of electronic cigarettes**

Data file: MACEDONIA\_16

**Overview**

Valid: 5096 Invalid: 45  
 Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

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

### CATEGORIES

Value	Category	Cases	
1	yes	3420	67.1%
2	no	1676	32.9%
Sysmiss		45	

## ELR2: Electronic cigarettes past month

Data file: MACEDONIA\_16

### Overview

Valid: 5119 Invalid: 22

Type: Discrete Decimal: 0 Range: 1 - 7 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

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

### CATEGORIES

Value	Category	Cases	
1	0 days	4911	95.9%
2	1 or 2 days	142	2.8%
3	3 to 5 days	30	0.6%
4	6 to 9 days	16	0.3%
5	10 to 19 days	6	0.1%
6	20 to 29 days	5	0.1%
7	All 30 days	9	0.2%
Sysmiss		22	

## CR15: Want to stop smoking now

Data file: MACEDONIA\_16

### Overview

Valid: 5074 Invalid: 67

Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

## Questions and instructions

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### LITERAL QUESTION

Do you want to stop smoking now?

### CATEGORIES

Value	Category	Cases	
1	I have never smoked cigarettes	4261	84%
2	I do not smoke now	401	7.9%
3	Yes	218	4.3%
4	No	194	3.8%
Sysmiss		67	

---

## CR16: Tried stop smoking last year

Data file: MACEDONIA\_16

### Overview

Valid: 5113 Invalid: 28

Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

## Questions and instructions

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### LITERAL QUESTION

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

### CATEGORIES

Value	Category	Cases	
1	I have never smoked	4337	84.8%
2	I did not smoke during the past 12 months	313	6.1%
3	Yes	276	5.4%
4	No	187	3.7%
Sysmiss		28	

---

## CR17: Stop smoking if wanted to

Data file: MACEDONIA\_16

### Overview

Valid: 5102 Invalid: 39

Type: Discrete Decimal: 0 Range: - Format: Numeric

## Questions and instructions

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## LITERAL QUESTION

Do you think you would be able to stop smoking if you wanted to?

## CATEGORIES

Value	Category	Cases	
1	I have never smoked cigarettes	4274	83.8%
2	I don't smoke now	363	7.1%
3	Yes	358	7%
4	No	107	2.1%
Sysmiss		39	

**CR18: Received help/advice stop smoking**

Data file: MACEDONIA\_16

**Overview**

Valid: 5098 Invalid: 43

Type: Discrete Decimal: 0 Range: 1 - 6 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Have you ever received help or advice to help you stop smoking? (SELECT ONLY ONE RESPONSE)

## CATEGORIES

Value	Category	Cases	
1	I have never smoked cigarettes	4336	85.1%
2	Yes, from a program or professional	66	1.3%
3	Yes, from a friend	172	3.4%
4	Yes, from a family member	202	4%
5	Yes, from both programs or professionals and from friends or family members	101	2%
6	No	221	4.3%
Sysmiss		43	

**OR10: Without smoking for a week**

Data file: MACEDONIA\_16

**Overview**

Valid: 5079 Invalid: 62

Type: Discrete Decimal: 0 Range: 1 - 5 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

How easy or difficult would you find it to go without smoking for as long as a week?

## CATEGORIES

Value	Category	Cases	
1	I do not smoke now	4455	87.7%
2	Very difficult	126	2.5%
3	Fairly difficult	69	1.4%
4	Fairly easy	123	2.4%
5	Very easy	306	6%
Sysmiss		62	

## OR12: How long ago did you stop smoking

Data file: MACEDONIA\_16

### Overview

Valid: 5118 Invalid: 23

Type: Discrete Decimal: 0 Range: 1 - 7 Format: Numeric

### Questions and instructions

## LITERAL QUESTION

How long ago did you stop smoking?

## CATEGORIES

Value	Category	Cases	
1	I have never smoked	4441	86.8%
2	I have not stopped smoking	245	4.8%
3	1-3 months	167	3.3%
4	4-11 months	92	1.8%
5	One year	85	1.7%
6	2 years	37	0.7%
7	3 years or longer	51	1%
Sysmiss		23	

## OR13: Main reason stop smoking

Data file: MACEDONIA\_16

### Overview

Valid: 5108 Invalid: 33

Type: Discrete Decimal: 0 Range: 1 - 7 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

What was the main reason you decided to stop smoking? (select one response only)

#### CATEGORIES

Value	Category	Cases	
1	I have never smoked	4311	84.4%
2	I have not stopped smoking	192	3.8%
3	To improve my health	315	6.2%
4	To save money	47	0.9%
5	Because my family does not like it	132	2.6%
6	Because my friends do not like it	20	0.4%
7	Other	91	1.8%
Sysmiss		33	

## CR19: Days people smoke in your home

Data file: MACEDONIA\_16

### Overview

Valid: 5119 Invalid: 22

Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

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

#### CATEGORIES

Value	Category	Cases	
1	0	2803	54.8%
2	1-2	624	12.2%
3	3-4	339	6.6%
4	5-6	212	4.1%
5	7	1141	22.3%
Sysmiss		22	

## OR15: Father smoking in your home

Data file: MACEDONIA\_16

**Overview**

Valid: 5083 Invalid: 58  
 Type: Discrete Decimal: 0 Range: 1 - 5 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

How often do you see your father (stepfather or mother's partner) smoking in your home?

## CATEGORIES

Value	Category	Cases	
1	Don't have/Don't see this person	424	8.3%
2	About every day	1548	30.5%
3	Sometimes	1014	19.9%
4	Never	2097	41.3%
Sysmiss		58	

**OR16: Mother smoking in your home**

Data file: MACEDONIA\_16

**Overview**

Valid: 5075 Invalid: 66  
 Type: Discrete Decimal: 0 Range: 1 - 5 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

How often do you see your mother (stepmother or father's partner) smoking in your home?

## CATEGORIES

Value	Category	Cases	
1	Don't have/Don't see this person	416	8.2%
2	About every day	954	18.8%
3	Sometimes	744	14.7%
4	Never	2961	58.3%
Sysmiss		66	

**OR17: Brother/sister smoking in your home**

Data file: MACEDONIA\_16

**Overview**

Valid: 5111 Invalid: 30  
 Type: Discrete Decimal: 0 Range: 1 - 5 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

How often do you see your brother/sister smoking in your home?

### CATEGORIES

Value	Category	Cases	
1	Don't have/Don't see this person	786	15.4%
2	About every day	291	5.7%
3	Sometimes	366	7.2%
4	Never	3668	71.8%
Sysmiss		30	

## CR20: Days people smoked enclosed public

Data file: MACEDONIA\_16

### Overview

Valid: 5095 Invalid: 46

Type: Discrete Decimal: 0 Range: 1 - 5 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

During the past 7 days, on how many days has anyone smoked in your presence, inside any enclosed public place, other than your home (such as school, shops, cafes, restaurants, shopping malls, etc.)?

### CATEGORIES

Value	Category	Cases	
1	0	2608	51.2%
2	1-2	965	18.9%
3	3-4	528	10.4%
4	5-6	275	5.4%
5	7	719	14.1%
Sysmiss		46	

## CR21: Days people smoked open public

Data file: MACEDONIA\_16

### Overview

Valid: 5070 Invalid: 71

Type: Discrete Decimal: 0 Range: 1 - 5 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

During the past 7 days, on how many days has anyone smoked in your presence, at any outdoor public place (such as playgrounds, sidewalks, entrances to buildings, parks, swimming pools, etc)?

### CATEGORIES

Value	Category	Cases	
1	0	2726	53.8%
2	1 to 2	933	18.4%
3	3 to 4	487	9.6%
4	5 to 6	227	4.5%
5	7	697	13.7%
Sysmiss		71	

## CR22: People smoke in school

Data file: MACEDONIA\_16

### Overview

Valid: 5044 Invalid: 97

Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

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

### CATEGORIES

Value	Category	Cases	
1	yes	3036	60.2%
2	no	2008	39.8%
Sysmiss		97	

## CR23: Think other people smoking harmful

Data file: MACEDONIA\_16

### Overview

Valid: 5085 Invalid: 56

Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Do you think that smoke of cigarettes which others are smoking is hazardous for you?

## CATEGORIES

Value	Category	Cases	
1	Definitely not	332	6.5%
2	Probably not	235	4.6%
3	Probably yes	1028	20.2%
4	Definitely yes	3490	68.6%
Sysmiss		56	

## CR24: Banning smoking inside enclosed public

Data file: MACEDONIA\_16

### Overview

Valid: 5007 Invalid: 134

Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

### Questions and instructions

## LITERAL QUESTION

Are you in favor of banning smoking inside enclosed public places (such as schools, shops, cafes, restaurants, shopping malls, etc.)?

## CATEGORIES

Value	Category	Cases	
1	yes	4141	82.7%
2	no	866	17.3%
Sysmiss		134	

## CR25: Banning smoking public places

Data file: MACEDONIA\_16

### Overview

Valid: 5067 Invalid: 74

Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

### Questions and instructions

## LITERAL QUESTION

Are you in favor of banning smoking at outdoor public places ,such as a park, a beach, playgrounds, building entrances, public transport stops, walking down the street, etc.?

## CATEGORIES

Value	Category	Cases	
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1	Yes	3052	60.2%
2	No	2015	39.8%
Sysmiss		74	

## CR26: Obtain cigarettes last time

Data file: MACEDONIA\_16

### Overview

Valid: 5075 Invalid: 66  
 Type: Discrete Decimal: 0 Range: 1 - 7 Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

The last time you smoked cigarettes during the past 30 days, how did you get them? (select only one response)

#### CATEGORIES

Value	Category	Cases	
1	I did not smoke any cigarettes during the past 30 days	4576	90.2%
2	I bought them in a store or shop	268	5.3%
3	I bought them from a street vendor	29	0.6%
4	I bought them at a kiosk	55	1.1%
5	I bought them from a vending machine	8	0.2%
6	I got them from someone else	118	2.3%
7	I got them some other way	21	0.4%
Sysmiss		66	

## CR27: Refuse to sell due to age

Data file: MACEDONIA\_16

### Overview

Valid: 5016 Invalid: 125  
 Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

During the past month, when you entered a shop to buy tobacco products, did the salesman refuse to sell them to you because of your age?

#### CATEGORIES

Value	Category	Cases	
1	During the past month, I did not try to buy tobacco products from a shop.	4440	88.5%

2	Yes, someone refused to sell me cigarettes because of my age	172	3.4%
3	No, my age did not keep me from buying cigarettes	404	8.1%
Sysmiss		125	

## CR28: Bought cigarettes last time

Data file: MACEDONIA\_16

### Overview

Valid: 5086 Invalid: 55  
 Type: Discrete Decimal: 0 Range: 1 - 6 Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

The last time you smoked cigarettes during the past 30 days, how did you get them? (select only one response)

#### CATEGORIES

Value	Category	Cases	
1	I did not smoke any cigarettes during the past 30 days	4591	90.3%
2	I bought them in a pack/box	378	7.4%
3	I bought individual sticks (singles)	50	1%
4	I bought them in a carton	41	0.8%
5	I bought them in rolls	14	0.3%
6	I bought tobacco and rolled my own	12	0.2%
Sysmiss		55	

## MKR44: Pay pack 20 cigarettes

Data file: MACEDONIA\_16

### Overview

Valid: 5066 Invalid: 75  
 Type: Discrete Decimal: 0 Range: 1 - 8 Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

On average, how much do you think a pack of 20 cigarettes costs?

#### CATEGORIES

Value	Category	Cases	
1	I don't smoke tobacco	3500	69.1%
2	I don't buy cigarettes, or I don't buy them in pack	204	4%

3	40-60 denars	74	1.5%
4	61-80 denars	429	8.5%
5	81-100 denars	465	9.2%
6	101-120 denars	185	3.7%
7	More than 120 denars	74	1.5%
8	I don't know	135	2.7%
Sysmiss		75	

## OR20: Cigarettes brands

Data file: MACEDONIA\_16

### Overview

Valid: 5050 Invalid: 91  
 Type: Discrete Decimal: 0 Range: 1 - 8 Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

During the past 30 days, what brand of cigarettes did you usually smoke? (select only one response)

#### CATEGORIES

Value	Category	Cases	
1	I did not smoke cigarettes during the past 30 days	4525	89.6%
2	No usual brand	62	1.2%
3	Rodeo	84	1.7%
4	Ronhil	69	1.4%
5	Marlboro	168	3.3%
6	West	58	1.1%
7	Boss	22	0.4%
8	Other	62	1.2%
Sysmiss		91	

## OR21: Difficult to buy cigarettes

Data file: MACEDONIA\_16

### Overview

Valid: 5002 Invalid: 139  
 Type: Discrete Decimal: 0 Range: 1 - 5 Format: Numeric

### Questions and instructions

## LITERAL QUESTION

On the whole, do you find it easy or difficult to buy cigarettes from a shop?

## CATEGORIES

Value	Category	Cases	
1	I do not usually buy cigarettes from a shop	3766	75.3%
2	Very difficult	170	3.4%
3	Fairly difficult	181	3.6%
4	Fairly easy	302	6%
5	Very easy	583	11.7%
Sysmiss		139	

## OR22: Purchase cigarettes near school

Data file: MACEDONIA\_16

### Overview

Valid: 5046 Invalid: 95

Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

### Questions and instructions

## LITERAL QUESTION

Can you purchase cigarettes near your school?

## CATEGORIES

Value	Category	Cases	
1	yes	1468	29.1%
2	no	1890	37.5%
3	do not know	1688	33.5%
Sysmiss		95	

## OR24: Raise cigarettes price

Data file: MACEDONIA\_16

### Overview

Valid: 4967 Invalid: 174

Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

### Questions and instructions

## LITERAL QUESTION

Do you think the price of cigarettes should be increased?

## CATEGORIES

Value	Category	Cases	
1	yes	2649	53.3%
2	no	2318	46.7%
Sysmiss		174	

### CR30: Anti-messages media

Data file: MACEDONIA\_16

#### Overview

Valid: 5046 Invalid: 95  
Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### LITERAL QUESTION

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

##### CATEGORIES

Value	Category	Cases	
1	yes	2956	58.6%
2	no	2090	41.4%
Sysmiss		95	

### CR31: Anti-messages event

Data file: MACEDONIA\_16

#### Overview

Valid: 5052 Invalid: 89  
Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

#### Questions and instructions

##### LITERAL QUESTION

During the past 30 days, did you see or hear any anti-tobacco messages at sports events, fairs, concerts, or community events, or social gatherings?

##### CATEGORIES

Value	Category	Cases	
1	I did not go to sports events, fairs, concerts, or community events, or social gatherings in the past 30 days	1997	39.5%
2	yes	1325	26.2%
3	no	1730	34.2%

Sysmiss		89	
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## CR32: Health warnings on cigarette packages

Data file: MACEDONIA\_16

### Overview

Valid: 4979 Invalid: 162  
Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

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

#### CATEGORIES

Value	Category	Cases	
1	Yes, but I didn't think much of them	2033	40.8%
2	Yes, and they led me to think about quitting smoking or not starting smoking	918	18.4%
3	No	2028	40.7%
Sysmiss		162	

## CR33: Taught dangers of tobacco

Data file: MACEDONIA\_16

### Overview

Valid: 5056 Invalid: 85  
Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

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

#### CATEGORIES

Value	Category	Cases	
1	yes	1878	37.1%
2	no	2432	48.1%
3	do not know	746	14.8%
Sysmiss		85	

**OR25: Adolescent cannot buy tobacco****Data file: MACEDONIA\_16****Overview**

Valid: 4933 Invalid: 208  
 Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

During the past 30 days, did you see any signs stating that adolescents are not allowed to buy any tobacco products?

## CATEGORIES

Value	Category	Cases	
1	yes	1335	27.1%
2	no	3598	72.9%
Sysmiss		208	

**CR34: See people using tobacco TV****Data file: MACEDONIA\_16****Overview**

Valid: 5004 Invalid: 137  
 Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

During the past 30 days, did you see any people using tobacco when you watched TV, videos, or movies?

## CATEGORIES

Value	Category	Cases	
1	I did not watch TV, videos, or movies in the past 30 days	745	14.9%
2	Yes	3049	60.9%
3	No	1210	24.2%
Sysmiss		137	

**CR35: See tobacco advertisements****Data file: MACEDONIA\_16****Overview**

Valid: 5052 Invalid: 89  
 Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

## Questions and instructions

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### LITERAL QUESTION

During the past 30 days, did you see any advertisements or promotions for tobacco products at points of sale (such as grocery stores, shops, kiosks, etc.)?

### CATEGORIES

Value	Category	Cases	
1	I did not visit any points of sale in the past 30 days	1038	20.5%
2	Yes	1691	33.5%
3	No	2323	46%
Sysmiss		89	

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## OR41: Video promote smoking past month

Data file: MACEDONIA\_16

### Overview

Valid: 5012 Invalid: 129

Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

## Questions and instructions

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### LITERAL QUESTION

During the past 30 days, did you see any videos on the Internet that promote smoking tobacco or make smoking tobacco look fun/cool?

### CATEGORIES

Value	Category	Cases	
1	I did not use the Internet in the past 30 days	515	10.3%
2	Yes	976	19.5%
3	No	3521	70.3%
Sysmiss		129	

---

## CR36: Wear/use tobacco name

Data file: MACEDONIA\_16

### Overview

Valid: 4979 Invalid: 162

Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

## Questions and instructions

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### LITERAL QUESTION

Would you ever use or wear something that has a tobacco company or tobacco product name or picture on it such as a lighter, t-shirt, hat, or sunglasses?

## CATEGORIES

Value	Category	Cases	
1	yes	606	12.2%
2	maybe	1415	28.4%
3	no	2958	59.4%
Sysmiss		162	

### CR37: Tobacco brand logo

Data file: MACEDONIA\_16

#### Overview

Valid: 4794 Invalid: 347

Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

#### Questions and instructions

## LITERAL QUESTION

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

## CATEGORIES

Value	Category	Cases	
1	yes	809	16.9%
2	no	3985	83.1%
Sysmiss		347	

### CR38: Offered you a free tobacco

Data file: MACEDONIA\_16

#### Overview

Valid: 4890 Invalid: 251

Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

#### Questions and instructions

## LITERAL QUESTION

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

## CATEGORIES

Value	Category	Cases	
1	yes	338	6.9%
2	no	4552	93.1%

Sysmiss		251	
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## OR44: Ban tobacco ads

Data file: MACEDONIA\_16

### Overview

Valid: 4884 Invalid: 257  
 Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

### Questions and instructions

LITERAL QUESTION

Do you think tobacco advertising should be banned?

CATEGORIES

Value	Category	Cases	
1	yes	3535	72.4%
2	no	1349	27.6%
Sysmiss		257	

## CR39: Best friends offered tobacco

Data file: MACEDONIA\_16

### Overview

Valid: 5049 Invalid: 92  
 Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

### Questions and instructions

LITERAL QUESTION

If one of your best friends offered you a tobacco product, would you use it?

CATEGORIES

Value	Category	Cases	
1	Definitely not	4080	80.8%
2	Probably not	538	10.7%
3	Probably yes	308	6.1%
4	Definitely yes	123	2.4%
Sysmiss		92	

**CR40: Use tobacco next 12 months****Data file: MACEDONIA\_16****Overview**

Valid: 5030 Invalid: 111  
 Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

At anytime during the next 12 months do you think you will use any form of tobacco?

## CATEGORIES

Value	Category	Cases	
1	Definitely not	4041	80.3%
2	Probably not	546	10.9%
3	Probably yes	309	6.1%
4	Definitely yes	134	2.7%
Sysmiss		111	

**CR41: Difficult to quit smoking****Data file: MACEDONIA\_16****Overview**

Valid: 5002 Invalid: 139  
 Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Once someone has started smoking tobacco, do you think it would be difficult for them to quit?

## CATEGORIES

Value	Category	Cases	
1	Definitely not	856	17.1%
2	Probably not	598	12%
3	Probably yes	2193	43.8%
4	Definitely yes	1355	27.1%
Sysmiss		139	

**CR42: Smoking helps feel comfortable socially****Data file: MACEDONIA\_16**

**Overview**

Valid: 4917 Invalid: 224  
 Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Does cigarette smoking help people to feel more comfortable or more uncomfortable at celebrations, parties or other social gatherings?

## CATEGORIES

Value	Category	Cases	
1	More comfortable	1142	23.2%
2	Less comfortable	1439	29.3%
3	No difference from non-smokers	2336	47.5%
Sysmiss		224	

**CR43: Agree or disagree with the following**

Data file: MACEDONIA\_16

**Overview**

Valid: 4974 Invalid: 167  
 Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Do you agree or disagree with the following: "I think I might enjoy smoking a cigarette."

## CATEGORIES

Value	Category	Cases	
1	I currently smoke cigarettes	420	8.4%
2	Strongly agree	293	5.9%
3	Agree	245	4.9%
4	Disagree	1451	29.2%
5	Strongly disagree	2565	51.6%
Sysmiss		167	

**OR46: Closest friend smoke**

Data file: MACEDONIA\_16

**Overview**

Valid: 4977 Invalid: 164

Type: Discrete    Decimal: 0    Range: 1 - 4    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Do any of your closest friends smoke tobacco?

### CATEGORIES

Value	Category	Cases	
1	none of them	2436	48.9%
2	some of them	1825	36.7%
3	most of them	565	11.4%
4	all of them	151	3%
Sysmiss		164	

## OR47: Students in your grade smoke

Data file: MACEDONIA\_16

### Overview

Valid: 5013    Invalid: 128

Type: Discrete    Decimal: 0    Range: 1 - 4    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

About how many students in your grade smoke tobacco?

### CATEGORIES

Value	Category	Cases	
1	most of them	588	11.7%
2	about half of them	289	5.8%
3	some of them	1762	35.1%
4	none of them	2374	47.4%
Sysmiss		128	

## OR49: Smoking makes people attractive

Data file: MACEDONIA\_16

### Overview

Valid: 4904    Invalid: 237

Type: Discrete    Decimal: 0    Range: 1 - 3    Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Do you think smoking tobacco makes young people look more or less attractive?

### CATEGORIES

Value	Category	Cases	
1	More attractive	738	15%
2	Less attractive	2129	43.4%
3	No difference from non-smokers	2037	41.5%
Sysmiss		237	

## OR50: Smoking helps lose/gain weight

Data file: MACEDONIA\_16

### Overview

Valid: 4864 Invalid: 277

Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

During the past 30 days, did you smoke tobacco to help you lose weight or keep from gaining weight?

### CATEGORIES

Value	Category	Cases	
1	I did not smoke tobacco in the past 30 days	3576	73.5%
2	Yes	254	5.2%
3	No	1034	21.3%
Sysmiss		277	

## OR53: Smoking tobacco is harmful

Data file: MACEDONIA\_16

### Overview

Valid: 5002 Invalid: 139

Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

## Questions and instructions

### LITERAL QUESTION

Do you think smoking tobacco is harmful to your health?

### CATEGORIES

Value	Category	Cases	
1	Definitely not	465	9.3%
2	Probably not	171	3.4%
3	Probably yes	408	8.2%
4	Definitely yes	3958	79.1%
Sysmiss		139	

## OR55: Family discuss smoking effect

Data file: MACEDONIA\_16

### Overview

Valid: 4839 Invalid: 302

Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Has anyone in your family discussed the harmful effects of smoking tobacco with you?

#### CATEGORIES

Value	Category	Cases	
1	yes	3433	70.9%
2	no	1406	29.1%
Sysmiss		302	

## OR58: Taught effects of smoking

Data file: MACEDONIA\_16

### Overview

Valid: 4877 Invalid: 264

Type: Discrete Decimal: 0 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

During the past 12 months, were you taught in any of your classes about the effects of using tobacco like it makes your teeth yellow, causes wrinkles, or makes you smell bad?

#### CATEGORIES

Value	Category	Cases	
1	yes	2073	42.5%
2	no	1705	35%
3	not sure	1099	22.5%

Sysmiss		264	
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## OR59: Teachers smoking in school building

Data file: MACEDONIA\_16

### Overview

Valid: 4987 Invalid: 154  
 Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

During school hours, how often do you see teachers smoking in the school building?

#### CATEGORIES

Value	Category	Cases	
1	About every day	1694	34%
2	Sometimes	1680	33.7%
3	Never	1083	21.7%
4	Don't know	530	10.6%
Sysmiss		154	

## OR61: Ban tobacco sale to minors

Data file: MACEDONIA\_16

### Overview

Valid: 4890 Invalid: 251  
 Type: Discrete Decimal: 0 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### LITERAL QUESTION

Do you think the sale of tobacco products to minors should be banned?

#### CATEGORIES

Value	Category	Cases	
1	yes	4032	82.5%
2	no	858	17.5%
Sysmiss		251	

**OR62: Tobacco company try to get young****Data file: MACEDONIA\_16****Overview**

Valid: 4882    Invalid: 259  
 Type: Discrete    Decimal: 0    Range: 1 - 2    Format: Numeric

**Questions and instructions**

## LITERAL QUESTION

Do you believe that tobacco companies try to get young people under age 18 to use tobacco products?

## CATEGORIES

Value	Category	Cases	
1	yes	3150	64.5%
2	no	1732	35.5%
Sysmiss		259	

**STRATUM: stratum****Data file: MACEDONIA\_16****Overview**

Valid: 5141    Invalid: 0  
 Type: Discrete    Decimal: 0    Range: 200001001 - 200001025    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
201601001		144	2.8%
201601002		135	2.6%
201601003		137	2.7%
201601004		106	2.1%
201601005		133	2.6%
201601006		118	2.3%
201601007		146	2.8%
201601008		146	2.8%
201601009		153	3%
201601010		151	2.9%
201601011		120	2.3%
201601012		176	3.4%
201602001		167	3.2%

201602002		109	2.1%
201602003		158	3.1%
201602004		131	2.5%
201602005		172	3.3%
201602006		149	2.9%
201602007		164	3.2%
201602008		150	2.9%
201602009		140	2.7%
201602010		155	3%
201602011		144	2.8%
201602012		196	3.8%
201603001		197	3.8%
201603002		175	3.4%
201603003		129	2.5%
201603004		160	3.1%
201603005		147	2.9%
201603006		175	3.4%
201603007		154	3%
201603008		129	2.5%
201603009		137	2.7%
201603010		81	1.6%
201603011		81	1.6%
201603012		76	1.5%

## PSU: psu

Data file: MACEDONIA\_16

### Overview

Valid: 5141 Invalid: 0  
 Type: Discrete Decimal: 0 Range: 1 - 50 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		272	5.3%
2		236	4.6%
3		197	3.8%
4		222	4.3%

5		231	4.5%
6		193	3.8%
7		225	4.4%
8		172	3.3%
9		195	3.8%
10		257	5%
11		219	4.3%
12		223	4.3%
13		212	4.1%
14		252	4.9%
15		221	4.3%
16		204	4%
17		211	4.1%
18		219	4.3%
19		172	3.3%
20		215	4.2%
21		164	3.2%
22		181	3.5%
23		161	3.1%
24		155	3%
25		132	2.6%

# study\_resources

## reports

### Fact Sheet

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title Fact Sheet

filename FYR Macedonia\_GYTS2016\_Factsheet\_Ages13-15\_FINAL\_06112018\_508tagged.pdf

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## technical\_documents

### Codebook

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title Codebook

filename GYTSEURO2016\_Macedonia\_All\_Schools\_National\_Web\_Codebook\_20160721\_508tagged.pdf

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