

2020 - CORE QUESTIONNAIRE OF THE REPORTING INSTRUMENT OF WHO FCTC

A. ORIGIN OF THE REPORT

Name of contracting Party:

Cameroon

Information on national contact responsible for preparation of the report:

Title

Mr

Family name

Awono

First name

Pascal Magloire

Full name of institution

Ministère de la Santé Publique

Mailing address

Mailing address 1	MINSANTE
Mailing address 2	DPS/CNLD/SP
Post code	00237
Post box	13931
City	Yaoundé

Country

Cameroon

E-mail

pm_awono@yahoo.fr

Alternative email address

pmawono@gmail.com

Telephone number

00237 6 99853248 / 00237 6 70 28 66 85

Fax number

00237 2 22231284

Signature of government official submitting the report:

Title

Mr

Family name

Awono

First name

Pascal Magloire

Full name of institution

Ministère de la Santé Publique

Mailing address

Mailing address 1	MINSANTE
Mailing address 2	DPS/CNLD/SP
Post code	00237
Post box	13931
City	Yaoundé

Country

Cameroon

E-mail

pm_awono@yahoo.fr

Alternative email address

pmawono@gmail.com

Telephone number

00237 6 99853248

Fax number

00237 2 22 23 12 84

Web page

www.minsante.org

Period of reporting:

	Month	Year
Start date	January (1)	2012 (13)
End date	2011 (12)	2019 (20)

B1. TOBACCO CONSUMPTION

Prevalence of tobacco use

Smoking prevalence in the adult population (all)

(Please provide prevalence data for total adult population, and identify the age considered, e.g. 15 years old and over, 18-64 years; see B112)

Current smokers

	Prevalence (%) (please include all smoking tobacco products in preva- lence data)	Average number of the most-con- sumed smoking tobacco product used per day
MALE	11.8	8.8
FEMALE	0.6	
TOTAL (males and females)	8.9	8.8

Daily smokers

	Prevalence (%) (please include all smoking tobacco products in prevalence data)	Average number of the most-consumed smoking tobacco product used per day
MALE	9.1	8.8
FEMALE	0.5	
TOTAL (males and females)	4.6	8.7

Occasional smokers

	Prevalence (%) (please include all smoking tobacco products in prevalence data)
MALE	2.7
FEMALE	0.2
TOTAL (males and females)	1.4

Former smokers

	Prevalence (%) (please include all smoking tobacco products in prevalence data)
MALE	5.1
FEMALE	0.3
TOTAL (males and females)	2.6

Never smokers

Prevalence (%)
(please include all smoking tobacco products in prevalence data)

MALE	81.3
FEMALE	98.7
TOTAL (males and females)	90.3

Please indicate the smoking tobacco products included in calculating prevalence for question B11:

Produits de tabac manufacturés (cigarettes), feuilles ou produits tabac roulés à la main, feuilles de tabac ou produits de tabac conditionnés pour être pipées

Please indicate the age range to which the data used to answer question B11 refer:

	From	To
Age range	15	100

Please indicate the year of the data used to answer question B11:

2013

Please indicate the source of the data used to answer question B11:

GATS-Cameroon-2013

Please provide the definitions of “current smoker”, “daily smoker”, “occasional smoker”, “former smoker” and “never smoker” used in this report.

Current smoker	Population regroupant les fumeurs quotidiens et les fumeurs occasionnels
Daily smoker	Fumeur régulier ou courant fumant au moins une fois par jour
Occasional smoker	Population usager du tabac fumé ou des produits du tabac fumé moins d'une fois par jour
Former smoker	Population ayant expérimenté le tabac ou les produits du tabac et abandonné
Never smoker	Population n'ayant jamais expérimenté le tabac ou les produits du tabac

Please provide a brief explanation of the trend in smoking prevalence in the adult population in the past two years or since submission of your last report.

Ampleur et tendance à la hausse dans les tranches d'âges des (15 - 24) et (25 - 44) au vu des résultats des sondages et des études parcellaires réalisées sur le fléau en 2014 et en 2015.

Smoking prevalence in the adult population (by age groups)

(If data are available, please provide prevalence data by age group, and identify the age group considered, preferably by 10-year categories, e.g. 25-34, 35-44 years)

	Range - start age	Range - end age	Prevalence (%) (please include all smoking to- bacco products in prevalence data)
MALES - current smokers ¹	15	24	5
MALES - current smokers ¹	25	44	17
MALES - current smokers ¹	45	64	16
MALES - current smokers ¹	65	100	9
FEMALES - current smokers ¹	15	24	0
FEMALES - current smokers ¹	25	44	1
FEMALES - current smokers ¹	45	64	1
FEMALES - current smokers ¹	65	100	3
TOTAL (males and females) - current smokers ¹	15	24	2
TOTAL (males and females) - current smokers ¹	25	44	9
TOTAL (males and females) - current smokers ¹	45	64	9
TOTAL (males and females) - current smokers ¹	65	100	6

Please indicate the smoking tobacco products included in calculating prevalence for question B12:

Tout type de tabac à fumer

(cigarettes manufacturées, cigarettes roulées à la main, cigares, Pipes....)

Please indicate the year of the data used to answer question B12:

2013

Please indicate the source of the data used to answer question B12:

GATS - Cameroon - 2013

Please provide a brief explanation of the trend in current smoking prevalence by age group in the past two years or since submission of your last report, if data are available.

Tendance dusage du tabac à la

hausse dans les tranches dâges (15-24) et (25 - 44) suivants différents sondages et observations réalisées en 2014, 2015 et 2016.

Prevalence of smokeless tobacco use in the adult population (all)

(Please provide prevalence data for total adult population, and identify the age considered in B132, e.g. 15 years old and over, 18–64 years; see B132)

Males

Prevalence (%)
(please include all smokeless tobacco products in prevalence data)

Current users	2.2
Daily users	1.6
Occasional users	0.7
Former users	0.5
Never users	96.6

Females

Prevalence (%)
(please include all smokeless tobacco products in prevalence data)

Current users	3.8
Daily users	2.4
Occasional users	1.3
Former users	0.4
Never users	95.2

TOTAL (males and females)

Prevalence (%)
(please include all smokeless tobacco products in prevalence data)

Current users	3.0
Daily users	2.0
Occasional users	1.0
Former users	0.4
Never users	95.9

Please indicate the smokeless tobacco products included in calculating prevalence for question B13:

Pipe à eau, Poudre de

tabac à ingérer, feuilles de tabac conditionnées à mastiquer, poudre de tabac à priser, huile de tabac à oindre, feuilles de tabac conditionnées à ovuler, décoction de tabac à boire ou à ingérer par voie anale

Please indicate the age range to which the data used to answer question B13 refer:

	From	To
Age range	15	100

Please indicate the year of the data used to answer question B13:

2013

Please indicate the source of the data used to answer question B13:

GATS - Cameroon - 2013

Please provide the definitions of “current user”, “daily user”, “occasional user”, “former user” and “never user” (of smokeless tobacco products) used in this report in the space below.

Current user	Consommateurs actuels et occasionnels de tabac sans fumée
Daily user	Consommateur régulier ou courant du ou des produits du tabac sans fumée
Occasional user	Consommateurs du tabac et produits du tabac sans fumée (moins d'une fois par jour)
Former user	Consommateurs ayant expérimenté le tabac et abandonnés
Never user	Consommateur n'ayant jamais expérimenté le tabac

Please provide a brief explanation of the trend in smokeless tobacco use in the adult population in the past two years or since submission of your last report.

Tendance croissante pour la pipe à eau et plus ou moins stables pour les autres usages suivant les sondages et Observations réalisées en 2014, 2015 et en 2016

Prevalence of smokeless tobacco use in the adult population (current users) by age group (by age groups)

(If data are available, please provide prevalence data by age group, and identify the age group considered, preferably by 10-year categories, e.g. 25-34, 35-44 years)

	Range - start age	Range - end age	Prevalence (%) (please include all smoking tobacco products in prevalence data)
MALES - current smokers ²	15	100	2
FEMALES - current smokers ²	15	100	4
TOTAL (males and females) - current smokers ²	15	100	3

Please indicate the smokeless tobacco products included in the answer to question B14:

Pipe à eau, Poudre de tabac à

ingérer, feuilles de tabac conditionnées à mastiquer, poudre de tabac à priser,

huile de tabac à oindre, feuilles de tabac conditionnées à ovuler,

décoction de tabac à boire ou à ingérer par voie anale

Please indicate the year of the data used to answer question B14:

2013

Please indicate the source of the data used to answer question B14:

GATS - Cameroon - 2013

Please provide a brief explanation of the trend in current use of smokeless tobacco by adult age groups in the past two years or since submission of your last report.

Ampleur et tendance actuelle par tranche d'âges difficile à apprécier, pratique traditionnelle tabou et apavage de certaines communautés

Tobacco use by ethnic group(s)

(please include all smoking or smokeless tobacco products in prevalence data)

Ethnic group(s)	MALES - Prevalence (%)	FEMALES - Prevalence (%)	TOTAL (males and females) - Prevalence (%)
------------------------	-------------------------------	---------------------------------	---

Please indicate the tobacco products included in the answer to question B15:

Please indicate the age range to which the data used to answer question B15 refer:

From To

Please indicate the year of the data used to answer question B15:

Please indicate the source of the data used to answer question B15:

Pas d'étude sur l'usage du tabac par groupe ethnique

Tobacco use by young persons

(please include all smoking or smokeless tobacco products in prevalence data)

	Age range	SMOKING TO-BACCO - Prevalence (%)	SMOKELESS TO-BACCO - Prevalence (%)	WATER PIPE - Prevalence (%)
BOYS - Current users ⁴	13 - 15	10.3%	5.0%	
GIRLS - Current users ⁴	13 - 15	4.0%	2.3%	-
TOTAL (boys and girls) - Current users ⁴	13 - 15	7.4%	3.7%	-

Please indicate the tobacco products included in calculating prevalence for question B16:

Produits de tabac

manufacturés (Cigarettes, Cigares, chicha); Feuilles de tabac roulées à la main ou conditionnée manuellement pour être fumée, prisée, ovulée, purgée, oindre,

Please indicate the year of the data used to answer question B16:

2014

Please indicate the source of the data used to answer question B16:

GYTS - Cameroon - 2014

Please provide the definition of “current smoking/tobacco use” used to answer question B16 in the space below.

Usager

courant du tabac ou des produits du tabac soit sous la forme fumée, soit sous la forme non fumée incluant les usagers réguliers et occasionnels.

Please provide a brief explanation of the trend in tobacco use by young persons in the past two years or since submission of your last report.

La tendance est légèrement à

la hausse au vu des manœuvres dilatoires de l'industrie du tabac pour saper les politiques de santé et notamment anti-tabac; ce qui nécessite le renforcement des campagnes de plaidoyer pour une volonté politique plus accrue, de mobilisation permanente des acteurs assorties des actions de sensibilisation de proximité et de masse.

Please attach the relevant documentation.

Use of novel and emerging tobacco and nicotine products

Age range	Heated tobacco products (HTPs) - Prevalence (%)	Electronic Nicotine Delivery Systems (ENDS) - Prevalence (%)	Electronic Non-Nicotine Delivery Systems (ENNDS) - Prevalence (%)	Other products - Prevalence (%)

B2-B9. HEALTH, SOCIAL AND ECONOMIC INDICATORS

Exposure to tobacco smoke

Do you have any data on exposure to tobacco smoke in your population?

Yes ✓

Please provide details in the space below (e.g. exposure by gender, at home, in the workplace, on public transport).

19,2% des adultes travaillant à l'intérieur sont exposés à la fumée du tabac au travail; 15,5% des adultes sont exposés à la fumée du tabac à la maison; 31,9% des adultes sont exposés à la fumée du tabac dans les restaurants; 84,8% des adultes sont exposés à la fumée du tabac dans les bars et Night Clubs; 25,6% des adultes sont exposés à la fumée du tabac dans les cafés ou salons de thé 22,9% des adultes sont exposés à la fumée du tabac dans les transports publics;;

Please indicate the year of the data used to answer question B21:

2013

Please indicate the source of the data used to answer question B21:

GATS - Cameroun - 2013

Please attach the relevant documentation.

Tobacco-related mortality

Do you have information on tobacco-related mortality in your population?

No ✕

If available, please provide any additional information on mortality attributable to tobacco use (e.g. lung cancer, cardiovascular diseases) in your jurisdiction.

Il est toute fois établi que un peu plus

de 4000 personnes meurent chaque année d'une maladie liée au tabac ou produits du Tabac si on se tient aux projections des rapports annuels de IOMS en ce qui concerne la mortalité liée aux maladies non transmissibles.

Please indicate the year of the data used to answer question B32 and 33:

2014

Please indicate the source of the data used to answer questions B32 and B33:
Différents Rapports annuels de IOMS depuis 2014

Please submit a copy of the study you refer to:

Tobacco-related costs

Do you have information on the economic burden of tobacco use in your population, e.g. the overall cost of tobacco use imposed on your society?

No

Please submit a copy of the study you refer to:

Supply of tobacco and tobacco products

(with reference to Articles 6.2(b), 20.4(c), and 15.5)

Licit supply of tobacco products

	Product	Unit (e.g. pieces, tonnes)	Domestic production	Retail sales	Exports	Imports
	Smoking tobacco products	/				

Please provide information on the volumes of duty-free sales (e.g. product, unit, quantity), if available.

/

Please indicate the year of the data used to answer question B51 and 52:

Please indicate the source of the data used to answer questions B51 and B52:

Please attach the relevant documentation.

Seizures of illicit tobacco products

(with reference to Article 15.5)

Seizures of illicit tobacco

Year	Product	Unit (e.g. pieces, tonnes)	Quantity seized
------	---------	----------------------------	-----------------

Do you have any information on the percentage of illicit tobacco products on the national tobacco market?

No ✘

Please provide any further information on illicit tobacco products.

Please indicate the source of the data used to answer questions in section B6:

Please attach the relevant documentation.

Tobacco-growing

Is there any tobacco-growing in your jurisdiction?

Yes ✔

Please provide information on the number of workers involved in tobacco-growing. If available, please provide this figure broken down by gender.

Données non disponibles,
pas d'études menées dans ce cadre au Cameroun

Please provide, if available, the share of the value of tobacco leaf production in the national gross domestic product.

Please indicate the year of the data used to answer questions in section B7:

Please indicate the source of the data used to answer questions in section B7:

Please attach the relevant documentation.

Taxation of tobacco products

(with reference to Articles 6.2(a) and 6.3)

What proportion of the retail price of the most popular price category of tobacco product consists of taxes (e.g. sum of excise, sales and import duties (if applicable) and value added tax/goods and services tax (VAT/GST))?

23

How are the excise taxes levied (what types of taxes are levied)?

Specific tax only	No
Ad valorem tax only	No
Combination of specific and ad valorem taxes	Yes
More complex structure (please explain below)	No

If available, please provide details on the rates of taxation for tobacco products at all levels of Government and be as specific as possible (specify the type of tax, e.g. VAT, sales, import duties)

	Product	Type of tax	Rate or amount	Base of tax ⁵
Smoking tobacco products	Locaux	TVA	19,25%	Prix de vente
Smoking tobacco products	Locaux	Ad valorem	30%	
Smoking tobacco products	Importés	TVA	19,25%	Prix de vente
Smoking tobacco products	Importés	Ad valorem	30%	
Smoking tobacco products	Importés	Spécifique	5000/1000 tiges	
Smoking tobacco products	Importés	Douanières		

Please briefly describe the trends in taxation for tobacco products in the past two years or since submission of your last report in your jurisdiction.

Une évolution de la politique fiscale sur les produits du tabac. La taxe communautaire ad valorem est passée de 25% à 30%. La taxe spécifique est passée de 3000Fcfa/1000 tiges à 5000Fcfa/1000 tiges La politique fiscale est davantage orientée vers l'élargissement de l'assiette fiscale et non vers la création d'autre Taxes.

Do you earmark any percentage of your taxation income for funding any national plan or strategy on tobacco control in your jurisdiction?

No ✘

Please indicate the year of the data used to answer questions B81 to B86:

2019

Please indicate the source of the data used to answer questions B81 to B86:

Différentes Lois des finances de 2015 à 2020

Please attach the relevant documentation.

Price of tobacco products

(with reference to Articles 6.2(a))

Domestic

Please provide the retail prices of the three most widely sold brands of domestic tobacco products at the most widely used point of sale in your capital city.

	Name of the most widely sold brands	Number of units or amount per package	Retail price	Currency
Smoking tobacco products	Gold Seal	10	175	FCFA
Smoking tobacco products	Palmal	20	500	FCFA

Imported

Please provide the retail prices of the three most widely sold brands of imported tobacco products at the most widely used point of sale in your capital city.

	Name of the most widely sold brands	Number of units or amount per package	Retail price	Currency
Smoking tobacco products	Aspen	20	500	Cfa
Smoking tobacco products	Benson	20	1000	Cfa

Please indicate the year of the data used to answer question B91:

2019

Please indicate the source of the data used to answer question B91:

Enquêtes parcellaires périodiques

Please briefly describe the trend in the prices of tobacco products in the past two years or since submission of your last report in your jurisdiction.

les produits du tabac manufacturés sont accessibles, les tendances des prix sont à la baisse du fait de la circulation des produits de contrefaçons alimentés par l'industrie de tabac elle même

Please attach the relevant documentation.

C1. GENERAL OBLIGATIONS

With reference to Article 5

Have you developed and implemented comprehensive multisectoral national tobacco control strategies, plans and programmes in accordance with the Convention?

Yes ✓

Have you established or reinforced and financed:

a focal point for tobacco control?	Yes
a tobacco control unit?	Yes
a national coordinating mechanism for tobacco control?	Yes

Please provide details (e.g. the nature of the national coordinating mechanism, the institution to which the focal point for tobacco control or the tobacco control unit belongs).

Une Commission Multi-sectorielle antitabac avec un Secrétariat technique a été mis en place par Décision N°3271/D/MINSANTE/CAB du 12 octobre 2015 Le Point focal relève du Ministère en charge de la santé publique et est en charge de la coordination du mécanisme de coordination sur le contrôle du tabac

Please provide a brief description of the progress made in implementing Article 5.1 and 5.2 (*General obligations*) in the past two years or since submission of your last report.

La mise en place dun mécanisme de coordination antitabac constitue le progrès accomplis depuis la rédaction du dernier rapport.

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below.

Les réunions de la Commission et du secrétariat technique de la Commission se tiennent régulièrement. en moyenne une réunion par trimestre pour ce qui est des rencontres de concertation au niveau du Secrétariat Technique de la Commission

Protection of public health policies with respect to tobacco control from commercial and other vested interests of the tobacco industry

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

protecting public health policies with respect to tobacco control from commercial and other vested interests of the tobacco industry?

No ✘

ensuring that the public has access, in accordance with Article 12(c), to a wide range of information on tobacco industry activities relevant to the objectives of the Convention, such as in a public repository?

No ✘

Please provide a brief description of the progress made in implementing Article 5.3 in the past two years or since submission of your last report.

1- Le projet de loi nationale

sur le contrôle du tabac élaboré et transmis depuis 2012 auprès des autorités compétentes pour adoption et promulgation, tient compte de l'article 5.3 de la CCLAT Quelques résistances encadrées quant à la mise en œuvre du texte sur le conditionnement imagé.

Have you utilized the “Guidelines for implementation of Article 5.3 of the WHO FCTC” when developing or implementing policies in this area?

No ✘

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below.

Please attach the relevant documentation.

C2. MEASURES RELATING TO THE REDUCTION OF DEMAND FOR TOBACCO

With reference to Articles 6–14

Price and tax measures to reduce the demand for tobacco

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

tax policies and, where appropriate, price policies on tobacco products so as to contribute to the health objectives aimed at reducing tobacco consumption?

No ✘

prohibiting or restricting, as appropriate, sales to international travellers of tax- and duty-free tobacco products?

No ✘

prohibiting or restricting, as appropriate, imports by international travellers of tax- and duty-free tobacco products?

No ✘

Please provide a brief description of the progress made in implementing Article 6 (*Price and tax measures to reduce the demand for tobacco*) in the past two years or since submission of your last report.

Une disposition relative à la taxation

spécifique des produits du tabac a été introduite dans la loi de finance 2015.

Depuis cette disposition a été renforcée. la base dimposition est passée de 3500

FCFA pour 1000 tiges à 5000 Fcfa les 1000 tiges en 2019

Have you utilized the “Guidelines for implementation of Article 6 of the WHO FCTC” when developing or implementing policies in this area?

No ✘

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below.

Please attach the relevant documentation.

Protection from exposure to tobacco smoke

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

banning tobacco smoking in indoor workplaces, public transport, indoor public places and, as appropriate, other public places ?

Yes ✔

What is the type/nature of the measure providing for the ban?

national law	No
subnational law(s)	No
administrative and executive orders	Yes
voluntary agreements	Yes
other measures (please specify in C223 below)	

Please provide a brief explanation of the type/nature and content of the measures providing for the ban.

Les Administrations

membres de la Commission multisectorielle antitabac ont pris des décisions, des arrêtés et des lettres circulaires portant interdiction de fumer dans les services centraux et les services déconcentrés. Ces mesures sont encore attendues des administrations en charge du tourisme, des transports

Do any of these measures provide for a mechanism/ infrastructure for enforcement?

Yes ✓

Please provide details of this system.

Des

affiches et des roll-up et stick sont conçus et matérialisés pour amener les usagers à respecter les dispositions des textes réglementaires portant interdiction de fumer en ces différents lieux.

Please specify the settings and extent/comprehensiveness of measures applied in indoor workplaces, public transport, indoor public places and, as appropriate, other public places.

Indoor workplaces:

government buildings	Complete
health-care facilities	Complete
educational facilities ⁶	Complete
universities	Complete
private workplaces	Partial
other (please specify below)	

Please specify the settings and extent/comprehensiveness of measures applied in indoor workplaces, public transport, indoor public places and, as appropriate, other public places.

Public transport:

airplanes	Complete
trains	Complete
ferries	None
ground public transport (buses, trolleybuses, trams)	Complete
motor vehicles used as places of work (taxis, ambulances, delivery vehicles)	Complete
private vehicles	None
other (please specify below)	

Please specify the settings and extent/comprehensiveness of measures applied in indoor workplaces, public transport, indoor public places and, as appropriate, other public places.

Indoor public places:

cultural facilities	None
shopping malls	None
pubs and bars	None
nightclubs	None
restaurants	None
other (please specify below)	

Please provide a brief summary of complete and partial measures, with specific details of the partial measures that have been implemented:

Banning tobacco smoking in indoor workplaces

Banning tobacco smoking in public transport

Campagne de plaidoyer en cours pour amener les administration en charge des transports à prendre des mesures d'interdiction de fumer en ces lieux sur toute l'étendu du territoire. Ces mesures sont effectives pour ce qui est des avions, des trains et des bus de transport public.

Banning tobacco smoking in indoor public places

Notes, lettres, circulaires, décisions, arrêtés sont les textes administratif pris par les administrations pour interdire aux usagers de fumer en ces lieux.

Please provide a brief description of the progress made in implementing Article 8 (*Protection from exposure to tobacco smoke*) in the past two years or since submission of your last report.

Plusieurs administrations ont pris des mesures portant interdiction de fumer dans leurs services centraux et déconcentrés depuis 2015 des efforts pour l'application des dites mesures par les usagers sont manifestes et perceptibles.

Have you utilized the "Guidelines for implementation of Article 8 of the WHO FCTC" when developing or implementing policies in this area?

No

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below.

Please attach the relevant documentation.

Regulation of the contents of tobacco products

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

testing and measuring the contents of tobacco products?

No ✘

testing and measuring the emissions of tobacco products?

No ✘

regulating the contents of tobacco products?

No ✘

regulating the emissions of tobacco products?

No ✘

Please provide a brief description of the progress made in implementing Article 9 (*Regulation of the contents of tobacco products*) in the past two years or since submission of your last report.

Have you utilized the "Guidelines for implementation of Articles 9 and 10 of the WHO FCTC" when developing or implementing policies in this area?

No ✘

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below (e.g., whether your country 1) has incorporated product regulation in the national tobacco control legislation; 2) has access to either governmental or independent – not owned or controlled by the tobacco industry – laboratories for testing contents and/or emissions of tobacco products; 3) has regulated ingredients, such as flavours (e.g. menthol); 4) has regulated product characteristics, such as design features (e.g., cigarette ventilation); etc.).

Please attach the relevant documentation.

Regulation of tobacco product disclosures

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

requiring manufacturers or importers of tobacco products to disclose to Government authorities information about the:

contents of tobacco products?	No
emissions of tobacco products?	No

requiring public disclosure of information about the:

contents of tobacco products?	No
emissions of tobacco products?	No

Please provide a brief description of the progress made in implementing Article 10 (*Regulation of tobacco product disclosures*) in the past two years or since submission of your last report.

Have you utilized the “Guidelines for implementation of Articles 9 and 10 of the WHO FCTC” when developing or implementing policies in this area?

No ✘

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below (e.g. whether your country has incorporated tobacco product disclosures in the national tobacco control legislation; has regulated the public disclosure of toxic constituents and emissions of tobacco products, aiming to raise public awareness and advance tobacco control policy; etc.).

Please attach the relevant documentation.

Packaging and labelling of tobacco products

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

requiring that packaging, individual cigarettes or other tobacco products do not carry advertising or promotion?

Yes ✓

requiring that packaging and labelling do not promote a product by any means that are false, misleading, deceptive or likely to create an erroneous impression about its characteristics, health effects, hazards or emissions?

Yes ✓

requiring that each unit packet and package of tobacco products and any outside packaging and labelling of such products carry health warnings describing the harmful effects of tobacco use?

Yes ✓

ensuring that the health warnings are approved by the competent national authority?

Yes ✓

ensuring that the health warnings are rotated?

Yes ✓

ensuring that the health warnings are clear, visible and legible?

Yes ✓

Does your law mandate, as a minimum, a style, size and colour of font to render the warning clear, visible and legible?

Yes ✓

ensuring that the health warnings occupy no less than 30% of the principal display areas?

Yes ✓

ensuring that the health warnings occupy 50% or more of the principal display areas?

Yes ✓

ensuring that health warnings are in the form of, or include, pictures or pictograms?

Yes ✓

Does the Government own the copyright to these pictures and pictograms?

No ✗

Would you grant a non-exclusive and royalty-free licence for the use of health warnings developed in your jurisdiction with other Parties?

Yes ✓

requiring that each unit packet and package of tobacco products and any outside packaging and labelling of such products contain information on relevant:

constituents of tobacco products?	No
emissions of tobacco products?	No

requiring that the warnings and other textual information appear on each unit packet and package and on any outside packaging and labelling in the principal language or languages of the country?

Yes ✓

Please provide a brief description of the progress made in implementing Article 11 (*Packaging and labelling of tobacco products*) in the past two years or since submission of your last report.

Have you utilized the “Guidelines for implementation of Article 11 of the WHO FCTC” when developing or implementing policies in this area?

Yes ✓

If you answered “Yes” to question C2516 please provide details in the space below or refer to section D of the additional questionnaire available at this link. Response to this question or to the additional questionnaire is voluntary. <https://extranet.who.int/data-form/655321?token=4quvcrkht5bhwzx&lang=en> (<https://extranet.who.int/data-form/655321?token=4quvcrkht5bhwzx&lang=en>)

If you have any other relevant information pertaining to or not covered in this section, please provide details in the space below.

Please attach the relevant documentation.

Education, communication, training and public awareness

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

educational and public awareness programmes? (*Please refer to programmes implemented since submission of your two-year report.*)

Yes ✓

To whom are these programmes targeted?

- adults or the general public
- children and young people
- men
- women
- pregnant women
- ethnic groups
- other (please specify)
- Other

Do you reflect the following key differences among targeted population groups in educational and public awareness programmes?

- age
 - gender
 - educational background
 - cultural background
 - socioeconomic status
 - other (please specify)
 - Other
-

Do these educational and public awareness programmes cover:

- health risks of tobacco consumption?
- health risks of exposure to tobacco smoke?
- benefits of the cessation of tobacco use and tobacco-free lifestyles?
- adverse economic consequences of tobacco production?
- adverse economic consequences of tobacco consumption?
- adverse environmental consequences of tobacco production?
- adverse environmental consequences of tobacco consumption?

awareness and participation of the following agencies and organizations in development and implementation of intersectoral programmes and strategies for tobacco control:

- public agencies?
- nongovernmental organizations not affiliated with the tobacco industry?
- private organizations?
- other (please specify)?
- Other

Are the elaboration, management and implementation of communication, education, training and public awareness programmes guided by research and do they undergo pre-testing, monitoring and evaluation?

Yes ✓

Are appropriate and special training or sensitization and awareness programmes on tobacco control addressed to:

- health workers?
 - community workers?
 - social workers?
 - media professionals?
 - educators?
 - decision-makers?
 - administrators?
 - other (please specify)
 - Other
-

Please provide a brief description of the progress made in implementing Article 12 (*Education, communication, training and public awareness*) in the past two years or since submission of your last report.

Une campagne permanente de communication sur le tabac et ses méfaits prescrite par la haute hiérarchie est mise en oeuvre dans le cadre des activités des administrations en charge de la santé, des affaires sociales, de la famille, de la jeunesse, de l'éducation de base, des enseignements secondaires et de l'enseignement supérieur.

Have you utilized the "Guidelines for implementation of Article 12 of the WHO FCTC" when developing and implementing policies in this area?

No ✘

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below.

Les médias et la presse locale se révèlent être des acteurs importants de sensibilisation de masse sur l'usage du tabac en milieu jeune et communautaire. Les organisations de la société civile œuvrent de façon permanente au travers des actions de plaidoyer et de sensibilisation de proximité.

Please attach the relevant documentation.

Tobacco advertising, promotion and sponsorship

Have you adopted and implemented, where appropriate, any legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes:

instituting a comprehensive ban on all tobacco advertising, promotion and sponsorship?

Yes ✔

Does your ban cover:

- display and visibility of tobacco products at points of sales?
- the domestic Internet?
- the global Internet?
- brand stretching and/or brand sharing?
- product placement as a means of advertising or promotion?
- the depiction of tobacco or tobacco use in entertainment media products?
- tobacco sponsorship of international events or activities and/or participants therein?
- contributions from tobacco companies to any other entity for “socially responsible causes” and/or any other activities implemented under the umbrella of “corporate social responsibility” by the tobacco industry?
- cross-border advertising, promotion and sponsorship originating from your territory?
- the same forms of cross-border advertising, promotion and sponsorship entering your territory for which domestic regulation apply?

cooperating with other Parties in the development of technologies and other means necessary to facilitate the elimination of cross-border advertising?

No ✘

imposing penalties for cross-border advertising equal to those applicable to domestic advertising, promotion and sponsorship originating from your territory in accordance with national law?

No ✘

Please provide a brief description of the progress made in implementing Article 13 (*Tobacco advertising, promotion and sponsorship*) in the past two years or since submission of your last report.

Un processus d'amendement des dispositions actuelles de la législation en vigueur sur la publicité est en cours. l'option on se résume à passer à une interdiction complète de la publicité du tabac et des produits du tabac un projet de texte portant protection du domaine scolaire de toute activité en faveur du tabac, des boissons alcooliques et des jeux de hasard est en cours délaboration dans le cadre des activité de la Commission et de son secrétariat technique

Have you utilized the “Guidelines for implementation of Article 13 of the WHO FCTC” when developing and implementing policies in this area?

No ✘

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below.

Please attach the relevant documentation.

Demand reduction measures concerning tobacco dependence and cessation

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

developing and disseminating appropriate, comprehensive and integrated guidelines based on scientific evidence and best practices?

No ✘

programmes to promote cessation of tobacco use, including:

- media campaigns emphasizing the importance of quitting?
 - programmes specially designed for underage girls and young women?
 - programmes specially designed for women?
 - programmes specially designed for pregnant women?
 - telephone quitlines?
 - local events, such as activities related to World No Tobacco Day or National No Smoking Day, if appropriate?
 - other (please specify)?
 - Other
-

design and implementation of programmes aimed at promoting the cessation of tobacco use, in such locations as:

- educational institutions?
 - health-care facilities?
 - workplaces?
 - sporting environments?
 - other (please specify)?
 - Other
-

inclusion of diagnosis and treatment of tobacco dependence and counselling services for cessation of tobacco use in national programmes, plans and strategies for:

- tobacco control?
 - health?
 - education?
-

inclusion of programmes on the diagnosis and treatment of tobacco dependence in your health-care system?

Yes ✓

Which structures in your health-care system provide programmes for the diagnosis and treatment of tobacco dependence?

- primary health care
- secondary and tertiary health care
- specialist health-care systems (please specify below)
- specialized centres for cessation counselling and treatment of tobacco dependence
- rehabilitation centres
- Other

Are the services provided in these settings covered by public funding or reimbursement schemes?

primary health care	None
secondary and tertiary health care	None
specialist health-care systems (please specify below)	Partially
specialized centres for cessation counselling and treatment of tobacco dependence	Partially
rehabilitation centres	None
other (please specify below)	

Which health and other professionals are involved in programmes offering treatment for tobacco dependence and counselling services?

Health professionals including:

- physicians
- dentists
- family doctors
- practitioners of traditional medicine
- other medical professionals (please specify below)
- nurses
- midwives
- pharmacists
- Community workers
- Social workers
- other (please specify)
- Other

training on tobacco dependence treatment incorporated into the curricula of health professional training at pre- and post-qualification levels at the following schools:

- medical?
- dental?
- nursing?
- pharmacy?
- Other

facilitating accessibility and/or affordability of pharmaceutical products for the treatment of tobacco dependence?

Yes ✓

Where and how can these products be legally purchased in your country?

Il convient de relever la difficulté d'accéder aux produits aussi bien auprès des officines publiques que privées. les substituts nicotiques des relevant point des médicaments essentielles. Aucune disposition ne prévoit la prise en charges de ces produits par les entreprises d'assurances maladies. il y est davantage développé une prise en charge psycho sociale avec l'implication des proches des patients

Which pharmaceutical products are legally available for the treatment of tobacco dependence in your jurisdiction?

- nicotine replacement therapy
- bupropion
- varenicline
- other (please specify)
- Other

Are the costs of these products covered by public funding or reimbursement?

nicotine replacement therapy	None
bupropion	None
varenicline	None
other (please specify below)	None

Please provide a brief description of the progress made in implementing Article 14 (*Demand reduction measures concerning tobacco dependence and cessation*) in the past two years or since submission of your last report.

Il convient de relever la volonté des pouvoirs publics à mettre en oeuvre ce volet important de réduction de la demande de tabac; Un arrêté portant création des unités spécialisées de soins et de prévention en addictologie dans les formations sanitaires a été signé en janvier 2015. le processus de mise en place de ces unités se poursuit.

Have you utilized the “Guidelines for implementation of Article 14 of the WHO FCTC” when developing and implementing policies in this area?

Yes ✓

Please provide details in the space below or refer to section G of the additional questionnaire. Response to this question or to the additional questionnaire is **voluntary**.

<https://extranet.who.int/dataform/655321?token=4quvcrkht5bhwzx&lang=en> (<https://extranet.who.int/dataform/655321?token=4quvcrkht5bhwzx&lang=en>)

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below.

Please attach the relevant documentation.

C3. MEASURES RELATING TO THE REDUCTION OF THE SUPPLY OF TOBACCO

With reference to Articles 15–17

Illicit trade in tobacco products

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

requiring marking of all unit packets and packages of tobacco products and any outside packaging of such products to assist in determining the origin of the product?

No ✘

requiring marking of all unit packets and packages of tobacco products and any outside packaging of such products to assist in determining whether the product is legally sold on the domestic market?

Yes ✓

requiring that unit packets and packages of tobacco products for retail and wholesale use that are sold on the domestic market carry the statement: "Sales only allowed in ..." or carry any other effective marking indicating the final destination of the product?

No

developing a practical tracking and tracing regime that would further secure the distribution system and assist in the investigation of illicit trade?

No

requiring that marking is presented in legible form and/or appears in the principal language or languages of the country?

No

requiring the monitoring and collection of data on cross-border trade in tobacco products, including illicit trade?

No

facilitating the exchange of this information among customs, tax and other authorities, as appropriate, and in accordance with national law and applicable bilateral and multilateral agreements?

No

enacting or strengthening legislation, with appropriate penalties and remedies, against illicit trade in tobacco products, including counterfeit and contraband cigarettes?

No

requiring that confiscated manufacturing equipment, counterfeit and contraband cigarettes and other tobacco products derived from illicit trade are destroyed, using environment-friendly methods where possible, or disposed of in accordance with national law?

No

adopting and implementing measures to monitor, document and control the storage and distribution of tobacco products held or moving under suspension of taxes or duties?

No

enabling the confiscation of proceeds derived from illicit trade in tobacco products?

No

promoting cooperation between national agencies and relevant regional and international intergovernmental organizations in investigations, prosecutions and proceedings, with a view to eliminating illicit trade in tobacco products, with special emphasis on cooperation at regional and subregional levels?

No

licensing or other actions to control or regulate production and distribution in order to prevent illicit trade?

No

Please provide a brief description of the progress made in implementing Article 15 (*Illicit trade in tobacco products*) in the past two years or since submission of your last report.

En application

des disposition de la loi de finance en vigueur une vignette est apposée sur les paquets de cigarettes en vente dans le pays

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below.

Please attach the relevant documentation.

Sales to and by minors

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

prohibiting the sales of tobacco products to minors?

No

requiring that all sellers of tobacco products place a clear and prominent indicator inside their point of sale about the prohibition of tobacco sales to minors?

No

requiring that, in case of doubt, each seller of tobacco products requests that the purchaser provides appropriate evidence of having reached full legal age?

No

banning the sale of tobacco products in any manner by which they are directly accessible, such as open store shelves?

No

prohibiting the manufacture and sale of sweets, snacks, toys or any other objects in the form of tobacco products which appeal to minors?

No

prohibiting the sale of tobacco products from vending machines?

No ✘

Do you ensure that tobacco vending machines are not accessible to minors and/or do not promote the sale of tobacco products to minors?

No ✘

prohibiting and/or promoting the prohibition of the distribution of free tobacco products:

- to the public?
 - to minors?
-

prohibiting the sale of cigarettes individually or in small packets?

No ✘

providing for penalties against sellers and distributors in order to ensure compliance?

No ✘

prohibiting the sales of tobacco products by minors?

No ✘

Please provide a brief description of the progress made in implementing Article 16 (*Sales to and by minors*) in the past two years or since submission of your last report.

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below.

Please attach the relevant documentation.

Provision of support for economically viable alternative activities

Have you adopted and implemented, where appropriate, measures or programmes on any of the following:

promoting economically viable and sustainable alternatives for:

- | | |
|-----------------------------|-----|
| tobacco growers? | Yes |
| tobacco workers? | No |
| tobacco individual sellers? | No |
-

Please provide a brief description of the progress made in implementing Article 17 (*Provision of support for economically viable alternative activities*) in the past two years or since submission of your last report.

La promotion des cultures de rente et vivriers dans le cadre des programmes du Ministère en charge de l'agriculture et du développement rural

Have you utilized the “Policy options and recommendations on economically sustainable alternatives to tobacco growing (in relation to Articles 17 and 18 of the WHO FCTC)” when developing and implementing policies in this area?

No ✘

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below.

Please attach the relevant documentation.

C4. OTHER MEASURES AND POLICIES

With reference to Articles 18–21

Protection of the environment and the health of persons

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

implementing measures in respect of tobacco cultivation within your territory, which take into consideration:

the protection of the environment?	No
the health of persons in relation to the environment?	No

implementing measures in respect of tobacco manufacturing within your territory, which take into consideration:

the protection of the environment?	No
the health of persons in relation to the environment?	No

Please provide a brief description of the progress made in implementing Article 18 (*Protection of the environment and the health of persons*) in the past two years or since submission of your last report.

Have you utilized the “Policy options and recommendations on economically sustainable alternatives to tobacco growing (in relation to Articles 17 and 18 of the WHO FCTC)” when developing and implementing policies in this area?

No

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below.

Please attach the relevant documentation.

Liability

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

Does your tobacco control legislation contain measures regarding criminal liability for any violations of that tobacco control legislation?

No

Do you have separate criminal liability provisions in relation to tobacco control (outside of the tobacco control legislation)?

No

Do you have any civil liability measures that are specific to tobacco control?

No

Do you have any general civil liability provisions that could apply to tobacco control?

No

Do you have civil or criminal liability provisions that provide for compensation for adverse health effects and/or for reimbursement of medical, social or other relevant costs?

No

Has any person in your jurisdiction launched any criminal and/or civil liability action, including compensation where appropriate, against any tobacco company in relation to any adverse health effect caused by tobacco use?

No

Have you taken, as appropriate, any legislative, executive, administrative and/or other action against the tobacco industry for full or partial reimbursement of medical, social and other relevant costs related to tobacco use in your jurisdiction?

No

Please provide a brief description of any progress made, as appropriate, in implementing Article 19 (*Liability*) in the past two years or since submission of your last report.

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below.

Please attach the relevant documentation.

Research, surveillance and exchange of information

Have you adopted and implemented, where appropriate, legislative, executive, administrative or other measures or have you implemented, where appropriate, programmes on any of the following:

developing and/or promoting research that addresses:

- determinants of tobacco consumption?
 - consequences of tobacco consumption?
 - social and economic indicators related to tobacco consumption?
 - tobacco use among women, with special regard to pregnant women?
 - the determinants and consequences of exposure to tobacco smoke?
 - identification of effective programmes for the treatment of tobacco dependence?
 - identification of alternative livelihoods?
 - Other
-

training and support for all persons engaged in tobacco control activities, including re-search, implementation and evaluation?

Yes ✓

a national system for epidemiological surveillance of:

- patterns of tobacco consumption?
- determinants of tobacco consumption?
- consequences of tobacco consumption?
- social, economic and health indicators related to tobacco consumption?
- exposure to tobacco smoke?
- Other

Please list all surveys, including the year of the survey, that you have undertaken in the past.

Global Adult Tobacco Survey

- (GATS - Cameroun - 2013) Global Youth Tobacco Survey - (GYTS - Cameroun - 2014) Enquête Démographique et de Santé à Indicateurs Multiples - (EDS-MICS - Cameroun - 2011

Does your country have any plans to repeat any of the above or to undertake a new tobacco survey within three to five years of your last survey? Please provide details in the space below.

GATS en 2023 GYTS

en 2024 EDS - MICS en 2022

regional and global exchange of publicly available national:

scientific, technical, socioeconomic, commercial and legal information?

- information on the practices of the tobacco industry?
- information on the cultivation of tobacco?

an updated database of:

- laws and regulations on tobacco control?
- information about the enforcement of laws on tobacco control?
- pertinent jurisprudence?

Please provide a brief description of the progress made in implementing Article 20 (*Research, surveillance and exchange of information*) in the past two years or since submission of your last report.

If you have any other relevant information pertaining to but not covered in this section, please provide details in the space below (e.g. whether you included information on WHO FCTC implementation in your Voluntary National Review (VNR) on the Sustainable Development Goals (SDGs), related to target 3.a).

Please attach the relevant documentation.

D. INTERNATIONAL COOPERATION AND ASSISTANCE

Pursuant to Article 21.1(c) and in accordance with Article 26, have you either provided or received financial or technical assistance (be it through unilateral, bilateral, regional, sub-regional or other multilateral channels, including relevant regional and international intergovernmental or nongovernmental organizations and financial and development institutions) for the development and strengthening of multisectoral, comprehensive tobacco control programmes of developing country Parties and Parties with economies in transition in any of the following areas:

development, transfer and acquisition of technology, knowledge, skills, capacity and expertise related to tobacco control?

Assistance provided	No
Assistance received	Yes

provision of technical, scientific, legal and other expertise to establish and strengthen national tobacco control strategies, plans and programmes?

Assistance provided	No
Assistance received	Yes

appropriate training or sensitization programmes for appropriate personnel in accordance with Article 12?

Assistance provided	No
Assistance received	Yes

provision of the necessary material, equipment and supplies, as well as logistic support, for tobacco control strategies, plans and programmes?

Assistance provided	No
Assistance received	Yes

identification of methods for tobacco control, including comprehensive treatment of nicotine addiction?

Assistance provided	No
Assistance received	No

promotion of research to increase the affordability of comprehensive treatment of nicotine addiction?

Assistance provided	No
Assistance received	No

Please identify the Party or Parties from which assistance was received or to which assistance was provided.

OMS et CDC pour

la réalisation des Enquêtes sur le tabagisme chez les adultes (GATS) et chez les jeunes (GYTS) USAID, UNFPA, World Bank et UNICEF pour la réalisation de EDS-MICS;

Please provide information about any assistance provided or received in the space below, including any support received from nongovernmental organizations (please, specify).

If you have not received or provided assistance in any of the aforementioned areas, please identify any financial or technical assistance that may be under consideration, if appropriate.

Have you encouraged relevant regional and international intergovernmental organizations and financial and development institutions in which you are represented to provide financial assistance for developing country Parties and for Parties with economies in transition to assist them in meeting their obligations under the Convention?

No ✘

E. PRIORITIES AND COMMENTS

What are the priorities for implementation of the WHO Framework Convention on Tobacco Control in your jurisdiction?

Faire adopter et promulguer une Législation nationale sur le contrôle du Tabac
 Élaborer un document de stratégie nationale antitabac
 Renforcer le mécanisme de coordination nationale antitabac
 Faire ratifier le protocole sur le commerce illicite des produits du tabac
 Mise à jour des données factuelles sur l'usage age du tabac et des produits du tabac
 Mettre en place les unités de prévention et de soins en addictologie dans les formations sanitaires
 Relever le Financement de la santé et notamment de la Lutte anti-tabac

Have you identified any specific gaps between the resources available and the needs assessed for implementing the WHO Framework Convention on Tobacco Control?

No ✘

What, if any, are the constraints or barriers, other than lack of resources, you have encountered in implementing the Convention?

l'influence encore plus déterminante de l'industrie du tabac

Do you have any of the following products available on your national tobacco market?

- smokeless tobacco products
- water pipe tobacco
- Electronic Nicotine Delivery Systems (ENDS)
- Electronic Non-Nicotine Delivery Systems (ENNDS)
- heated tobacco products (HTPs)
- Other

Have you adopted and implemented any policy or regulation that is specific to the following tobacco products?

- smokeless tobacco products
- water pipe tobacco
- Electronic Nicotine Delivery Systems (ENDS)
- Electronic Non-Nicotine Delivery Systems (ENNDS)
- heated tobacco products (HTPs)
- Other

If you have any relevant information related to questions E5 and E6, please provide details in the space below.

L'on pourrait

relever la montée de l'usage des inhalateurs électroniques ou non contenant de la nicotine et de bien d'autres substances addictodépendogènes.

Please provide any other relevant information not covered elsewhere that you consider important.

Your suggestions for further development and revision of the reporting instrument:

Nous

sugérons de bien revisiter ce dispositif de collecte de données et d'information sur le contrôle du tabac ; Dispositif pratique et adapté pour une collecte plus aisée des données, mais peu adapté au contexte des pays en développement pour lesquels l'accès à l'internet haut débit reste problématique.

© 2020 WHO