## DRC Covid-19 Questionnaire [ROUND 2b]

## Socio-demographic information

#### Introduction

The coronavirus (also called Covid-19) is a virus that infects individuals around the world and can cause respiratory problems and in some cases, death. The Covid-19 is already circulating in DRC, and a lot of efforts are being invested to prevent its spread in our community. In that light, the Congolese government took a number of measures during the last couple of weeks to prevent the spread of Covid-19. People were asked to stay home, to avoid gatherings and travelings, and to frequently wash their hands. With this short questionnaire, we try to find out how you experience and apply the instructions implemented against coronavirus. We call upon volunteers to complete this questionnaire as truthfully as possible; because this helps us investigate which measures are effective in these exceptional times. It should take you about 10 minutes to answer the questions. This is not an exam and your name is not required, so please give accurate answers.

Participation in the survey is voluntary, you can cancel it at any time without any disadvantages. No names or sensitive information will be required from you. The information obtained will be stored anonymously and treated confidentially. It will be used to understand the feasibility and effectiveness of implementing preventive measures for the coronavirus at the individual and country levels. There is no risk associated with this survey, as we will not meet you in person and no names, contact information or biological samples will be obtained from you. Moreover, the survey is hosted in a secure website in Belgium. If you would like to know more about the researchers involved in this study and our privacy policy, you can find this on the <a href="https://www.ICPCovid.com">www.ICPCovid.com</a> website.

Q: I fully understand what this study is about, and I freely consent to participate. All the information I provide can be used by researchers to better understand coronavirus disease in Congo. (\*)

Type: checkbox

A: checkbox

Q: Age (\*)

Type: number

A: number (min: 1 / max: 110 / step: 1)

Q: Sex (\*)

Type: choice

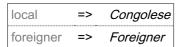
A: one of the following:



Q: Nationality (\*)

Type: choice

A: one of the following:



Q: In which province of Congo do you live? (\*)



## A: one of the following:

bas_uele	=>	Bas-Uele
equateur	=>	Équateur
haut_katanga	=>	Haut-Katanga
haut_lomami	=>	Haut-Lomami
haut-uele	=>	Haut-Uele
ituri	=>	Ituri
kasaï	=>	Kasaï
kasaï_central	=>	Kasaï-Central
kasaï_oriental	=>	Kasaï-Oriental
kinshasa	=>	Kinshasa
kongo_central	=>	Kongo-Central
kwango	=>	Kwango
kwilu	=>	Kwilu
Iomami	=>	Lomami
lualaba	=>	Lualaba
mai_ndombe	=>	Mai-Ndombe
maniema	=>	Maniema
mongala	=>	Mongala
nord_kivu	=>	Nord-Kivu
nord_ubangi	=>	Nord-Ubangi
sankuru	=>	Sankuru
sud_kivu	=>	Sud-Kivu
sud_ubangi	=>	Sud-Ubangi
tanganyika	=>	Tanganyika
tshopo	=>	Tshopo
tshuapa	=>	Tshuapa

## Q: Religion (\*)

Type: choice

## A: one of the following:

protestant	=>	Protestant
catholic	=>	Catholic
pentecostal	=>	Pentecostal
adventist	=>	Seventh Day Adventist
muslim	=>	Muslim
jehovah_witness	=>	Jehovah Witness
other	=>	Other
none	=>	None

## Q: Highest educational level (\*)

Type: choice

primary	=>	Primary
Secondary	=>	Secondary
University Undergraduate degree holder	=>	University Undergraduate degree holder
University Postgraduate degree holder	=>	University Postgraduate degree holder

## Q: Marital status (\*)

Type: choice

## A: one of the following:

single	=>	Single
legally_married	=>	Legally married
cohabitation	=>	Cohabitation
divorced	=>	Divorced
widow_widower	=>	Widow/widower

## Q: Do you live in: (\*)

Type: choice

## A: one of the following:

rural_area	=>	a rural area/village?	
suburb	=>	a suburban area?	
urban_town	=>	an urban area/town	
other	=>	Other (specify)	

## Q: Specify urban area: (\*)

Type: choice

## A: one of the following:

headquarter_region	=>	In a regional headquarter
capital_country	=>	In the capital of the country
economic_capital	=>	In the economic capital
big_city	=>	In another big city

# Visible if Q: A: Do you live in: - value => urban\_town

## Q: Specify where you live: (\*)





## Q: What are your housing conditions? (\*)



## A: one of the following:

room	=>	a room
studio		a studio (a room, with kitchen and toilet)
apartment	=>	an apartment with many other households in the same building
villa		a villa
hut		a hut
homeless		homeless

Q: In the context of your country, what category is most appropriate for your current socio-economic situation?(\*)

## Type: choice

#### A: one of the following:

low_income	=>	Low income category
low_middle	=>	Lower middle income category
upper_middle	=>	Upper middle income category
high_income	=>	High income category

#### Q: Is this questionnaire administered to you by a research officer? (\*)

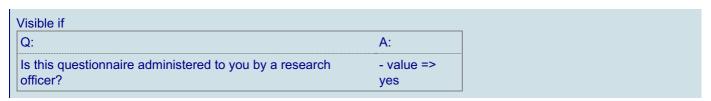
## Type: choice

## A: one of the following:

yes	=>	Yes, a researcher is noting down my responses
no	=>	No, I am answering the questions myself on the website

#### Q: If yes, please write the Researcher's code: (\*)





#### Q: How do you obtain information about the coronavirus epidemic? (many answers possible) (\*)

Type: choice\_multiple

#### A: multiple answers possible:

family_neighbours	=>	From family, neighbours or friends
radio	=>	From the radio
television	=>	From the television
social_media	=>	From the social media (WhatsApp, Facebook, Twitter, etc)
government	=>	From government authorities
chief	=>	From the village/quarter chief
religious	=>	From the religious authorities
health_personnel	=>	From healthcare workers (nurses, doctors, etc)

#### Q: How many people apart from your housemates did you talk to yesterday face to face (not by phone, chat etc)?(\*)

Type: number

A: number (min: n/a / max: n/a / step: n/a)

# Q: When was the last time you shook hands, hugged, gave a kiss or had any form of physical contact with someone other than a housemate, during the last month? (\*)

Type: choice

#### A: one of the following:

today	=>	Today
last_two_days	=>	Last two days
last_3_to_6_days	=>	Last 3 to 6 days
one_to_two_weeks	=>	Between one to two weeks ago
more_than_two_weeks	=>	More than two weeks ago
no_contacts	=>	No contacts with persons outside my household during the last month

#### Q: During the last week did you have difficulties in obtaining food or essential needs??(\*)

Type: choice

#### A: one of the following:

Yes	=>	Yes
No	=>	No

## Q: What was the most important reason you had difficulties in obtaining food last week?(\*)

Type: choice

no_money	=>	No money due to lost revenue since the coronavirus epidemic started
little_food_available	=>	Little food available in shops/market
expensive	=>	Food has become too expensive since the coronavirus epidemic started

unsafe_to_go_out	=>	I felt it was unsafe to go out to buy food	
to_ill_to_go_out	=>	I was too ill to go out	

Visible if	
Q:	A:
During the last week did you have difficulties in obtaining food or essential needs??	- value =>
needs??	Yes

Q: During the last week, how worried or afraid were you about your health?(\*)



A: 1 = not worried to 5 = extremely worried



Q: Have you suffered any form of violence or discrimination because of the measures taken against the coronavirus? (many answers possible) (\*)

Type: choice\_multiple

A: multiple answers possible:

home_violence	=>	Physical violence at home
outside_violence	=>	Physical violence outside
socio_economic_discrimination	=>	Discrimination because of my social/economic status
quarantined	=>	Discrimination because I was quarantined
ethnic_discrimination	=>	Discrimination because of my ethnicity
no_violence_discrimination	=>	No violence or discrimination

Q: During the COVID-19 lockdown, have you experienced violence from your sexual partner (if applicable)? (\*)

Type: choice

A: one of the following:

yes	=>	Yes
no	=>	No
not_applicable	=>	Not applicable

Q: If yes, which kind of violence did you experience? (\*)

Type: choice

verbal	=>	Verbal violence
physical	=>	Physical violence

sexual	=>	Sexual violence, including rape
other	=>	Other

Visible if	
Q:	A:
During the COVID-19 lockdown, have you experienced violence from your sexual partner (if applicable)?	- value => yes

## Q: During the COVID-19 lockdown period, did any woman in your household become pregnant? (\*)

## Type: choice

#### A: one of the following:

yes_under20	=>	Yes, a woman younger than 20 years became pregnant
yes_over20	=>	Yes, a woman aged at least 20 years became pregnant
no	=>	No pregnancy occurred in my household
dont_know	=>	l don't know

## Professional life during the coronavirus epidemic

## Q: What do you do for a living? (\*)

## Type: choice

## A: one of the following:

student	=>	Student
jobless	=>	Jobless
self_employed	=>	Self-employed
company	=>	Work for a person, institution or company
government	=>	Work for the government

## Q: Are you a healthcare worker or a student working in the health sector? (\*)

## Type: choice

## A: one of the following:

yes_worker	=>	Yes, I am a healthcare worker
yes_student	=>	Yes, I am a healthcare student
no	=>	No

## Q: If yes, what is your main function in the health structure? (\*)

## Type: choice

nurse	=>	Nurse
gp	=>	Medical doctor: general practitioner

specialist	=>	Medical doctor: resident/specialist	
lab	=>	Laboratory staff	
pharmacy		Pharmacy staff	
research_maintenance	=>	Research/Maintenance	
admin_finance	=>	Administration/finance	
technician	=>	Technician (imaging, specialized services, etc)	

```
Visible if

Q: A:

0 -:input[name="are_you_a_healthcare_worker_or_a_student_working_in_the_health_s"] =>

1

2 -:input[name="are_you_a_healthcare_worker_or_a_student_working_in_the_health_s"] =>
```

Q: Have you been given any protective equipment at your place of work? (many answers possible)(\*)

## Type: choice\_multiple

#### A: multiple answers possible:

masks	=>	Face masks
gloves	=>	Gloves
shield	=>	Face shield
boots	=>	Boots
apron	=>	Full protective apron
gel	=>	Hand gels/sanitizers
none	=>	None

```
Visible if

Q: A:

0 -:input[name="are_you_a_healthcare_worker_or_a_student_working_in_the_health_s"] =>

1

2 -:input[name="are_you_a_healthcare_worker_or_a_student_working_in_the_health_s"] =>
```

## Q: What are your current working conditions? (\*)

#### Type: choice

#### A: one of the following:

worker_from_home	=>	Worker from home	
worker_open_space	=>	Worker in an open space (market, shop, roadside, etc)	
worker_closed_space_alone	=>	Worker in a closed indoor space alone (office,, etc.)	
worker_closed_space_people	=>	Worker in a closed indoor space with several people (office,, etc.)	
not_applicable	=>	Not applicable (if jobless or student)	

#### Q: How many days per week do you usually go to work? (\*)

## Type: number

A: number (min: n/a / max: 7 / step: n/a)

## Q: How many days did you (physically) go to work last week? (\*)

Type: number

A: number (min: n/a / max: 7 / step: n/a)

#### Q: Are you exclusively working from home this week? (\*)

Type: choice

## A: one of the following:

yes	=>	Yes
no	=>	No
not_applicable	=>	Not applicable (if jobless or student)

#### Q: Why are you not working from home? (\*)

Type: choice

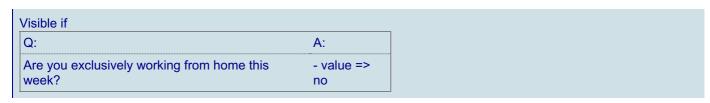
## A: one of the following:

not_possible	=>	It is not possible with my job	
not_allowed	=>	It is possible, but is not allowed by my employer	
home_not_working	=>	I am at home but not working	
no_risk_to_go_out	=>	I don't think there is any risk to go out	
other	=>	Other	

## Q: What transportation means did you use to go to work? (\*)

Type: choice

public_transport	=>	By public transport with multiple people (taxi, bus, motorcycle, etc)
hired_vehicle	=>	Hired a vehicle for myself and/or family members (private taxi, rented car, etc)
own_transport	=>	personal vehicle (Car, motorcycle, etc)
walked	=>	Walked to work



## Q: Have you had a mask during the past 7 days? (\*)

Type: choice

A: one of the following:

yes	=>	Yes
no	=>	No

## Q: If yes, how did you get a mask? (\*)

Type: choice

#### A: one of the following:

bought	=>	I bought it
given	=>	It was given to me at work
someone	=>	Someone gave it to me
healthcare	=>	As a healthcare worker, I was given one at work

Visible if	
Q:	A:
Have you had a mask during the past 7 days?	- value => yes

#### Q: Have you worn a mask during the past 7 days? (\*)

Type: choice

#### A: one of the following:

yes	=>	Yes
no	=>	No

## Q: At this moment that you are filling this questionnaire, are you wearing a mask? (\*)

Type: choice

## A: one of the following:

yes	=>	Yes
no	=>	No

## Q: If yes, please select one option below: (\*)

Type: choice

nose_mouth	=>	The mask covers my mouth and nose
only_mouth	=>	The mask covers only my mouth, but not my nose
under_chin	=>	The mask is under my chin, not covering my nose or my mouth

Visible if	
Q:	A:
At this moment that you are filling this questionnaire, are you wearing a	- value =>
mask?	yes

## Q: I wear a face mask when going outside (\*)

Type: choice

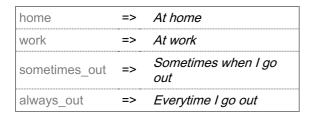
A: one of the following:

yes	=>	Yes
no	=>	No
na	=>	Not applicable (I do not go out)

## Q: If yes, when/where do you wear a face mask? (many answers possible) (\*)

Type: choice\_multiple

A: multiple answers possible:





## Q: If no, what is (are) the reason(s) for not using face masks? (many answers possible) (\*)

Type: choice\_multiple

A: multiple answers possible:

no_mask	=>	I do not have a mask	
no_money	=>	I don't have money to buy masks	
where_to_get	=>	I don't know where to get a mask	
not_needed	=>	I don't think that masks are needed	



## Q: (OPTIONAL) Please write down any comments about face mask use:

Type: text Q: I follow the social 1.5-2m meters distance rule (\*)

Typo	ahaiaa
Type.	choice

A: one of the following:

Q: When I cough or sneeze, I do so in my elbow and/or I cover my mouth with a tissue paper(\*)

## Type: choice

A: one of the following:

Yes	=>	Yes
No	=>	No

Q: When I cough or sneeze, I usually wash/desinfect my hands immediately afterwards (\*)

## Type: choice

A: one of the following:

Q: I wash my hands using soap and water regularly during the day(\*)

## Type: choice

A: one of the following:

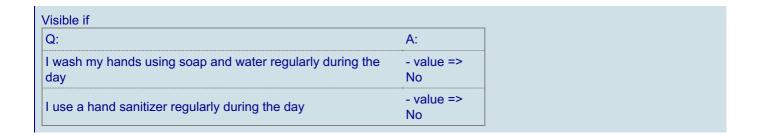
Q: I use a hand sanitizer regularly during the day (\*)

#### Type: choice

A: one of the following:

Q: What constraints to hand washing/use of hand sanitizers do you face?





Q: I avoid touching my face (eyes, nose and mouth) (\*)



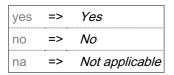
A: one of the following:

Yes	=>	Yes
No	=>	No

Q: I disinfect my phone whenever I return home (\*)



A: one of the following:



Q: I stay home when I feel flu-like symptoms (\*)

Type: choice

A: one of the following:

Q: On a scale of 1 to 5, how difficult is it for you personally to follow the protective measure of staying home as much as possible? (\*)



A: 1 = not difficult at all; 5 = extremely difficult

1	=>	1
2	=>	2
3	=>	3
4	=>	4
5	=>	5

Community preventive measures for coronavirus

Q: Were you in a meeting or gathering with with 50 persons or more during the last 7 days?(\*)

Type: choice

Q: What was the nature of the gathering? (multiple answers possible) (\*)

Type: choice\_multiple

A: multiple answers possible:

restaurant	=>	Restaurant
bar	=>	Bar
club	=>	Club
party	=>	Party
funeral	=>	Funeral
religious	=>	Religious gathering
family	=>	Family gathering
sport	=>	Sports event
other	=>	Other

Q: Were you in a car with 4 or more other persons during the last 7 days?(\*)

Type: choice

A: one of the following:

Yes	=>	Yes
No	=>	No

Q: Were you in a public gym in the past 7 days ?(\*)

Type: choice

A: one of the following:

Yes	=>	Yes
No	=>	No

Q: Did you go to a barber/hairdresser, beauty parlour, massages, spa, or nail studio in the past 7 days ?(\*)

Type: choice

A: one of the following:

Yes	=>	Yes
No	=>	No

Q: Did you go to a market in the past 7 days? (\*)

Type: choice

A: one of the following:

Yes	=>	Yes
No	=>	No

Q: Did you travel in the past 7 days? (\*)

Type: choice

A: one of the following:

yes_other_regions	=>	Yes, I travelled to other regions of the country
· ·		Yes, I travelled outside of the country
no_travel		No travel

Q: During the last week, how worried or afraid were you about the health of your loved ones?(\*)



A: 1 = not worried to 5 = extremely worried

1	=>	1
2	=>	2
3	=>	3
4	=>	4
5	=>	5

Q: On a scale of 1 to 10, can you indicate the extent to which people in your environment have practically adapted their behavior to the government recommendations? (\*)

Type: choice\_scale

A: 1 = no adaptions, 10 = very strong adaptation

1	=>	1
2	=>	2
3	=>	3
4	=>	4
5	=>	5
6	=>	6
7	=>	7
8	=>	8
9	=>	9
10	=>	10

Questions related to your personal health

Q: Have you been eating more healthy food such as fruits and vegetables since the coronavirus epidemic started? (\*)

Type: choice

A: one of the following:

Yes => Yes

No => *No* 

Q: Have you been taking more vitamin tablets since the coronavirus epidemic started? (\*)

Type: choice

A: one of the following:



Q: Did you experience any of the following flu-like symptoms during the last 14 days? (multiple options possible)(\*)

Type: choice\_multiple

A: multiple answers possible:

fever	=>	Fever
headaches	=>	Headaches
sore_throat	=>	Sore throat
loss_taste	=>	Loss of taste
loss_smell	=>	Loss of smell
stuffy_nose	=>	Stuffy and/or running nose
dry_cough	=>	Dry cough
productive_cough	=>	Productive cough
shortness_breath	=>	Shortness of breath
muscle_pain	=>	Muscle or body pains
weakness	=>	General weakness
nausea	=>	Nausea
diarrhea	=>	Diarrhea
none	=>	None of the above

Q: For how many days did you have flu-like symptoms? (\*)

Type: number

A: number (min: 1 / max: 50 / step: n/a)

```
Visible if

Q:

:input[name="if_yes_which_symptoms_did_you_experience_multiple_options_possib[none]"] - unchecked =>
1
```

Q: Have any of your housemates had flu-like symptoms in the last 14 days? (\*)

Type: choice

yes	=>	Yes
no	=>	No

```
do_not_know => Do not know
```

## Q: Have you been tested for the coronavirus? (\*)

Type: choice

A: one of the following:

yes	=>	Yes
no	=>	No

## Q: If yes, what was the result of the test? (\*)

Type: choice

## A: one of the following:

positive	=>	Positive
negative	=>	Negative
do_not_know	=>	Do not know yet

Visible if	
Q:	A:
Have you been tested for the coronavirus?	- value => yes

## Q: When was your coronavirus test done? (\*)

Type: choice

## A: one of the following:

two_weeks	=>	During the past two weeks
one_month	=>	Between two weeks and one month
more_than_one_month	=>	More than one month ago

Visible if	
Q:	A:
Have you been tested for the coronavirus?	- value => yes

## Q: Do you know anyone who has suffered from COVID-19? (many options possible) (\*)

Type: choice\_multiple

## A: multiple answers possible:

friend	=>	Yes, a friend
relative	=>	Yes, a relative
neighbour	=>	Yes, someone in my neighbourhood
other	=>	Yes, other persons
no	=>	No, I don't know anyone who has suffered from COVID- 19

#### Q: Do you know anyone who has died of COVID-19? (many options possible)(\*)

Type: choice\_multiple

A: multiple answers possible:

friend	=>	Yes, a friend
relative	=>	Yes, a relative
neighbour	=>	Yes, someone in my neighbourhood
other	=>	Yes, other persons
no	=>	No, I don't know anyone who has suffered from COVID- 19

## Q: Do you smoke? (\*)

Type: choice

A: one of the following:

Yes	=>	Yes
No	=>	No

Q: Do you have any of the following chronic/underlying disease? (many answers possible) (\*)

Type: choice\_multiple

A: multiple answers possible:

heart_disease	=>	Heart disease
hypertension	=>	Hypertension
diabetes	=>	Diabetes
cancer	=>	Cancer
hiv	=>	HIV
tb	=>	Tuberculosis
asthma	=>	<i>Asthma</i>
other	=>	Other
none	=>	None of the above

Q: If you have an underlying disease did you experience difficulties to obtain your medication since the COVID outbreak started? (\*)

Type: choice



Q: Do you think that the coronavirus really exists in your province? (\*)

Type: choice

A: one of the following:

yes	=>	Yes, it exists
no	=>	No, it is a lie

Q: If no, why do you think that it is a lie? (\*)



A: text input

Q: A:  Do you think that the coronavirus really exists in your - value =>	Visible if	
	Q:	A:
	Do you think that the coronavirus really exists in your province?	- value =>

Q: Do you think COVID-19 is treatable? (\*)

Type: choice

A: one of the following:

yes	=>	Yes
no	=>	No
NA	=>	Not applicable (I don't believe that coronavirus exists)

Q: In your opinion, was the coronavirus lockdown necessary in Congo? (\*)

Type: choice

A: one of the following:

Q: Would you consent to receive a COVID-19 vaccine if it becomes available in our country? (\*)

Type: choice

A: one of the following:

yes	=>	Yes
no	=>	No

Q: If no, why would you refuse the vaccine? (\*)

Type: choice

no_trust	=>	I do not trust it
kill	=>	They want to kill us

sterile	=>	The want to make us sterile
na	=>	Prefer not to answer
other	=>	Other reason (specify)

sible if	
t:	A:
Vould you consent to receive a COVID-19 vaccine if it becomes available in our ountry?	- value =>

## Q: Please specify other raison:



