RDC Covid-19 Questionnaire

Socio-demographic information

Q: Age (*)
Type: number
A: number (min: 1 / max: 110 / step: 1)

Q: Sex (*)
Type: choice
A: one of the following:

male => Male
female => Female

Q: Nationality (*)
Type: choice
A: one of the following:

local => Congolese
foreigner => Foreigner

Q: In which province of Congo do you live? (*)
Type: choice
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
kasai => Kasai
kasai_central => Kasai-Central
kinshasa => Kinshasa
kongo_central => Kongo-Central
kwango => Kwango
kwilu => Kwilu
lomami => Lomami
lualaba => Luapula
mai_ndombe => Mai-Ndombe
maniema => Maniema
mongala => Mongala
nord_kivu => Nord-Kivu
### Q: Religion (*)

<table>
<thead>
<tr>
<th>Type: choice</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: one of the following:</td>
</tr>
<tr>
<td><strong>protestant</strong> =&gt; Protestant</td>
</tr>
<tr>
<td><strong>catholic</strong> =&gt; Catholic</td>
</tr>
<tr>
<td><strong>pentecostal</strong> =&gt; Pentecostal</td>
</tr>
<tr>
<td><strong>adventist</strong> =&gt; Seventh Day Adventist</td>
</tr>
<tr>
<td><strong>muslim</strong> =&gt; Muslim</td>
</tr>
<tr>
<td><strong>jehovah_witness</strong> =&gt; Jehovah Witness</td>
</tr>
<tr>
<td><strong>other</strong> =&gt; Other</td>
</tr>
<tr>
<td><strong>none</strong> =&gt; None</td>
</tr>
</tbody>
</table>

### Q: Highest educational level (*)

<table>
<thead>
<tr>
<th>Type: choice</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: one of the following:</td>
</tr>
<tr>
<td><strong>primary</strong> =&gt; Primary</td>
</tr>
<tr>
<td><strong>Secondary</strong> =&gt; Secondary</td>
</tr>
<tr>
<td><strong>University Undergraduate degree holder</strong> =&gt; University Undergraduate degree holder</td>
</tr>
<tr>
<td><strong>University Postgraduate degree holder</strong> =&gt; University Postgraduate degree holder</td>
</tr>
</tbody>
</table>

### Q: Marital status (*)

<table>
<thead>
<tr>
<th>Type: choice</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: one of the following:</td>
</tr>
<tr>
<td><strong>single</strong> =&gt; Single</td>
</tr>
<tr>
<td><strong>legally_married</strong> =&gt; Legally married</td>
</tr>
<tr>
<td><strong>cohabitation</strong> =&gt; Cohabitation</td>
</tr>
<tr>
<td><strong>divorced</strong> =&gt; Divorced</td>
</tr>
<tr>
<td><strong>widow_widower</strong> =&gt; Widow/widower</td>
</tr>
</tbody>
</table>

### Q: Who do you currently live with? (many answers possible) (*)

<table>
<thead>
<tr>
<th>Type: choice_multiple</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: multiple answers possible:</td>
</tr>
</tbody>
</table>
My parent(s) → My parent(s)
My spouse/partner → My spouse/partner
My child(ren) → My child(ren)
My sibling(s) or other relative(s) → My sibling(s) or other relative(s)
Friends → Friends
I live alone → I live alone

How many housemates do you have (yourself not included)? Please write the number of persons corresponding to each age group. Write 0 if there is nobody in a given age group.

Q: Adults over 70 years of age: (*)
Type: number
A: number (min: n/a / max: 10 / step: n/a)

Q: Adults between 18 and 70 years: (*)
Type: number
A: number (min: n/a / max: 10 / step: n/a)

Q: Children between 12 and 17 years: (*)
Type: number
A: number (min: n/a / max: 10 / step: n/a)

Q: Children younger than 12 years: (*)
Type: number
A: number (min: n/a / max: 10 / step: n/a)

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: Do you live in:
  - urban_town

Q: Specify where you live: (*)
Type: text
A: text input

Visible if
Q: Do you live in:
  - other

Q: What are your housing conditions? (*)
Type: choice
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

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

Daily life during the coronavirus epidemic

Q: How do you obtain information about the coronavirus epidemic? (many answers possible) (*)
Type: choice_multiple
A: multiple answers possible:

<table>
<thead>
<tr>
<th>Source</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>family_neighbours</td>
<td>From family, neighbours or friends</td>
</tr>
<tr>
<td>radio</td>
<td>From the radio</td>
</tr>
<tr>
<td>television</td>
<td>From the television</td>
</tr>
<tr>
<td>social_media</td>
<td>From the social media (WhatsApp, Facebook, Twitter, etc)</td>
</tr>
<tr>
<td>government</td>
<td>From government authorities</td>
</tr>
<tr>
<td>chief</td>
<td>From the village/quarter chief</td>
</tr>
<tr>
<td>religious</td>
<td>From the religious authorities</td>
</tr>
<tr>
<td>health_personnel</td>
<td>From healthcare workers (nurses, doctors, etc)</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Time Period</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>today</td>
<td>Today</td>
</tr>
<tr>
<td>last_two_days</td>
<td>Last two days</td>
</tr>
<tr>
<td>last_3_to_6_days</td>
<td>Last 3 to 6 days</td>
</tr>
<tr>
<td>one_to_two_weeks</td>
<td>Between one to two weeks ago</td>
</tr>
<tr>
<td>more_than_two_weeks</td>
<td>More than two weeks ago</td>
</tr>
<tr>
<td>no_contacts</td>
<td>No contacts with persons outside my household during the last month</td>
</tr>
</tbody>
</table>

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

Type: choice

A: one of the following:

<table>
<thead>
<tr>
<th>Response</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

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

Type: choice

A: one of the following:

<table>
<thead>
<tr>
<th>Reason</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no_money</td>
<td>No money due to lost revenue since the coronavirus epidemic started</td>
</tr>
<tr>
<td>little_food_available</td>
<td>Little food available in shops/market</td>
</tr>
<tr>
<td>expensive</td>
<td>Food has become too expensive since the coronavirus epidemic started</td>
</tr>
<tr>
<td>unsafe_to_go_out</td>
<td>I felt it was unsafe to go out to buy food</td>
</tr>
<tr>
<td>too_ill_to_go_out</td>
<td>I was too ill to go out</td>
</tr>
</tbody>
</table>
Q: During the last week did you have difficulties in obtaining food or essential needs??
A: Yes

Q: During the last week, how worried or afraid were you about your health? (*)
Type: choice_scale
A: 1 = not worried to 5 = extremely worried

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

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
A: one of the following:

verbal => Verbal violence
physical => Physical violence
sexual => Sexual violence, including rape
other => Other
Visible if
Q: During the COVID-19 lockdown, have you experienced violence from your sexual partner (if applicable)?
- value => yes

Q: How did you arrange the care of the kids in your home today? (*)
Type: choice
A: one of the following:
- home_by_myself => At home, by myself
- home_housemates => At home, with my housemates
- school_childcare => To school / childcare
- friends_acquaintances => At friends / acquaintances
- aunts_uncles => At aunts or uncles
- grandparents => At grandparents
- home_house_help => At home, with a house help/nanny
- other => Other
- not_applicable => Not Applicable (no children at home)

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
A: one of the following:
- 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)

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

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

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

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

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? (*)

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? (*)

A: one of the following:

- 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

Visible if
Q: Are you exclusively working from home this week? - value => no

Visible if
Q: Are you exclusively working from home this week? - value => no
Personal preventive measures for coronavirus

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

Type: choice

A: one of the following:

| Yes => | Yes |
| No =>  | No  |
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:

Yes => Yes
No => No

Q: I measure my body temperature at least twice a week (*)

Type: choice

A: one of the following:

Yes => Yes
No => No

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

Type: choice

A: one of the following:

Yes => Yes
No => No

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

Type: choice

A: one of the following:

Yes => Yes
No => No

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

Type: text

A: text input
Visible if

Q: I wash my hands using soap and water regularly during the day
A: value => No

Q: I use a hand sanitizer regularly during the day
A: value => No

Q: I avoid touching my face (eyes, nose and mouth) (*)
Type: choice
A: one of the following:

Yes => Yes
No => No

Q: I disinfect my phone whenever I return home (*)
Type: choice
A: one of the following:

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

Q: I stay home when I feel flu-like symptoms (*)
Type: choice
A: one of the following:

Yes => Yes
No => No

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? (*)
Type: choice_scale
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
A: one of the following:
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:

<table>
<thead>
<tr>
<th>Yes</th>
<th>=&gt;</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>=&gt;</td>
<td>No</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>yes_other_regions</th>
<th>=&gt;</th>
<th>Yes, I travelled to other regions of the country</th>
</tr>
</thead>
<tbody>
<tr>
<td>yes_outside_country</td>
<td>=&gt;</td>
<td>Yes, I travelled outside of the country</td>
</tr>
<tr>
<td>no_travel</td>
<td>=&gt;</td>
<td>No travel</td>
</tr>
</tbody>
</table>

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

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

Type: choice

A: one of the following:

Yes => Yes
No => No

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: A: 
:input[name="if_yes_which_symptoms_did_you_experience_multiple_options_possible"] unchecked =>

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

Type: choice

A: one of the following:

yes => Yes
no => No
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 yet => Do not know |

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

Type: choice

A: one of the following:

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

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:

<table>
<thead>
<tr>
<th>disease</th>
<th>=&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>heart_disease</td>
<td>Heart disease</td>
</tr>
<tr>
<td>hypertension</td>
<td>Hypertension</td>
</tr>
<tr>
<td>diabetes</td>
<td>Diabetes</td>
</tr>
<tr>
<td>cancer</td>
<td>Cancer</td>
</tr>
<tr>
<td>hiv</td>
<td>HIV</td>
</tr>
<tr>
<td>tb</td>
<td>Tuberculosis</td>
</tr>
<tr>
<td>asthma</td>
<td>Asthma</td>
</tr>
<tr>
<td>other</td>
<td>Other</td>
</tr>
<tr>
<td>none</td>
<td>None of the above</td>
</tr>
</tbody>
</table>

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

Type: choice

A: one of the following:

<table>
<thead>
<tr>
<th>answer</th>
<th>=&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

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

Type: choice

A: one of the following:

<table>
<thead>
<tr>
<th>answer</th>
<th>=&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>yes</td>
<td>Yes</td>
</tr>
<tr>
<td>no</td>
<td>No</td>
</tr>
</tbody>
</table>

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