Ghana Spillovers

Start of Block: Enumerator survey

Q107 **SPILL-OVER SURVEY -- NEW CONTACTED PARTICIPANTS**

Q2.1 Please enter your device id

_____

Q2.2 Please enter your enumerator id

_____

Q2.3 Please enter the dwelling sequence number (Number of dwellings you passed by since the previous interview)

_____

Q2.4 Please enter the village id

_____

Q2.5 Did you identify any eligible respondents in this household?

- Yes (1)
- No (2)

Display This Question:

If Did you identify any eligible respondents in this household? = No

Q3.1 Please Enter the Contact information for this household

- ○ There was no answer at this household (1)
- ○ There was no one 18 years or over in the household (2)
- ○ All household members refused to participate (3)

End of Block: Enumerator survey

Start of Block: Skip Household Questions

Q66 Please register the GPS coordinates on your cell phone.

- ○ Longitude (1) _____
- ○ Latitude (2) _____

End of Block: Skip Household Questions

Start of Block: Enumerator ID Survey

Q4.1 Please describe the random selection of respondent from household members

_____

Page Break

Q4.2 Respondent's First name (Respondent's first name as it appears on their Ghana ID Card.)

_____

Q4.3 Respondent's Last name (Respondent's last name as it appears on their Ghana ID Card.)

_____

End of Block: Enumerator ID Survey

Start of Block: COVID-19 consent

Q1 Your household was selected as one of those to which the survey questions will be asked. You were not selected for any specific reason. Rather, your household was selected randomly from a list of all the households in this village/city. All the information that your household provides is strictly confidential. It will not be shared. Please spare some time to answer the questions. You will receive 5 Cedis for participation in this study. We thank you in advance for your time. Do you consent to take part in the survey?

- ○ Yes, I consent and will take part in the survey. (4)
- ○ No, I do NOT consent and therefore will NOT take part in the survey (5)

End of Block: COVID-19 consent

Start of Block: Consent

Q9.1 We are researchers from the University of Ghana and the University of Oxford, United Kingdom, conducting a study on COVID-19 vaccines. The project is led by Dr. Edward Asiedu of the University of Ghana, working in collaboration with Professor Philip Clarke and Professor Raymond Duch from the University of Oxford, and their team of researchers to better understand vaccine uptake. We very much appreciate your interest in participating in this study. Please carefully consider this information before agreeing to participate by ticking the ‘yes’ box below. You will be asked some questions about yourself. This should take about 5 minutes. No background knowledge is required. The information that we gather from this study will be used to understand more about COVID-19 vaccinations.

Do I have to take part? Your participation is voluntary. You may withdraw at any point during the questionnaire for any reason before we submit your answers – just indicate to the

enumerator that you would like to withdraw. However, we are only able to reimburse participants who complete the full survey (which will include watching a very short video).

How will my data be used? We will not collect any information that would directly identify a participant, so none of the researchers will be able to identify you. The anonymous survey data that you provide will be made available to researchers and may be used in academic publications. Such data will be stored in a secure cloud (eg. OneDrive for Business) of the University of Oxford for a minimum of three years after publication or public release. Anonymous survey data may be securely transferred to, stored and/or processed at a destination outside your country of residence. By completing the interview, you agree to the collection, transfer, storage and processing of your data. This transfer, storage or processing of data will be conducted in such a way that no one will be able to identify you.

Who will have access to my data? The University of Ghana and the University of Oxford will have access to your survey data. The University will process your data for the purpose of the research outlined above. Research is a task that we perform in the public interest. Further information about your rights with respect to your personal data is available from https://compliance.admin.ox.ac.uk/individual-rights. Responsible members of the University of Oxford and funders may be given access to your survey data for monitoring and/or audit of the study to ensure we are complying with guidelines, or as otherwise required by law. Can I opt-out from this panel or ask for my data to be deleted? Participants cannot withdraw themselves or their data once they have submitted the survey responses. We will retain a copy of the data on our, University of Ghana and University of Oxford, servers. This survey is for a research project of the Health Economics Research Centre based at the University of Oxford and the Experimental Development Economics Group at the University of Ghana. The Principal Researcher is Professor Philip Clarke, who is the Director of the Health Economics Research Centre at the University of Oxford. The Co-Principal Researchers are Dr. Edward Asiedu, who is a development Economist at the University of Ghana and Professor Raymond Duch, who is the Director of the Centre of Experimental Social Sciences at the University of Oxford. This project has been reviewed by, and received ethics clearance through, the University of Oxford Central University Research Ethics Committee.

Payment. You will receive payment of 5GHS in cash after your participation in today's study is finished. You will be paid immediately. We will follow up and contact you again in 6 weeks – you will receive another 5 GHS when we contact you.

Who do I contact if I have a concern about the study or I wish to complain? If you have a concern about any aspect of this study, please contact Dr. Edward Asiedu at the University of Ghana, email edasiedu@ug.edu.gh and phone at 0550244204 and Professor Raymond Duch at the University of Oxford, email raymond.duch@nuffield.ox.ac.uk and phone number +44 (0)1865 278 515. We will acknowledge your concern within 10 working days and give you an indication of how it will be dealt with. If you remain unhappy or wish to make a formal complaint, please contact the Chair of the Research Ethics Committee at the University of Oxford who will seek to resolve the matter as soon as possible: Medical Sciences Interdivisional Research

Ethics Committee (MS IDREC). Research Services, University of Oxford, Wellington Square, Oxford, OX1 2JD Email: ethics@medsci.ox.ac.uk Please note that you may only participate in this survey if you are 18 years of age or over. If you have considered the information we have just presented to you and agree to participate with the understanding that the data (including any personal data) you submit will be processed accordingly, please check the relevant box below to get started.

Q9.2 Please note that you may only participate in this survey if you are **18 years of age or over**.

- ○ Yes, I certify that I am 18 years of age or over (1)
- ○ No (2)

Q9.3 If you have read the information above and agree to participate with the understanding that the data (including any personal data) you submit will be processed accordingly, please check the relevant box below to get started.

- ○ Yes, I agree to take part (1)
- ○ No (2)

End of Block: Consent

Start of Block: Demographics 1

Q10.1
Thank you for agreeing to participate in our short survey. We would like to ask you some basic questions about yourself. This information is being collected only for statistical purposes. We will ask you a small number of these questions.

Page Break

Q10.2 What is your current age?

_____

Q10.3 What is your gender?

- ○ Male (1)
- ○ Female (2)
- ○ Other (4) _____
- ○ Prefer not to say (5)

Page Break

Q10.4 Select the region and district you live in.
Region (1)
District (2)

▼ Ahafo (1) ... Western North ~ Suaman District (276)

Page Break

Q10.5 How many people live in the house together with you (NOT including you) at this moment?

_____

Q10.6 How many children below 18 years old are currently living in your home?

_____

Q10.7 What is your current working situation?

- Employed (full time) (1)
- Employed (part time) (2)
- Unemployed (3)
- Retired (4)
- Student (5)
- Home maker (6)

Q10.8 How much on average does your household spend in a typical week on food?

_____

Q10.9 How much on average does your household spend in a typical week on non-food items (electricity, water, rent, school fees)?

_____

Q10.10 How would you rate the overall economic or financial condition of your household today?

- ○ Very good (1)
- ○ Good (2)
- ○ Neither good nor bad (3)
- ○ Bad (4)
- ○ Very bad (5)

Q10.11 What is the highest educational qualification you have completed?

- Never attended (5)
- Nursery (4)
- Kindergarten (9)
- Primary (10)
- JSS/JHS (15)
- Middle (11)
- SSS/SHS (38)
- Vocational/Technical/Commercial (40)
- Post middle/secondary certificate (41)
- Post-secondary diploma (42)
- Bachelor degree (43)
- Post graduate (Cert. Diploma Masters PHD etc) (45)

End of Block: Demographics 1

Start of Block: Have you received a COVID-19 vaccine?

Q11.1 Have you received at least one shot of a COVID-19 vaccine?

- Yes, I have received at least one shot a COVID-19 vaccine (1)
- No, I have not received at least one shot a COVID-19 vaccine (2)

Display This Question:

If Have you received at least one shot of a COVID-19 vaccine? = Yes, I have received at least one shot a COVID-19 vaccine

Q11.2 Please enter the date you have received your first COVID-19 vaccine? dd/mm/yyyy

_____

Display This Question:

If Have you received at least one shot of a COVID-19 vaccine? = Yes, I have received at least one shot a COVID-19 vaccine

Q11.3 Why did you decide to get vaccinated against COVID-19, what were the reasons? (check all that apply)

- [ ] To protect myself (1)
- [ ] To protect my family (2)
- [ ] To be able to travel (3)
- [ ] To be able to visit family and friends (4)
- [ ] To be able to enter public venues like restaurants, cinemas and concerts (5)
- [ ] To protect the public (people I don't know) (6)
- [ ] Because everyone else will (7)
- [ ] Because friends and family recommend it (8)
- [ ] Because doctors recommend it (9)
- [ ] Because health officials recommend it (10)
- [ ] Because politicians recommend it (11)
- [ ] Because of contact with COVID-19 infected people (12)
- [ ] Because I had COVID-19 related symptoms (13)
- [ ] Because it was required for my work or school (14)
- [ ] Other (15) _____

Display This Question:

If Have you received at least one shot of a COVID-19 vaccine? = Yes, I have received at least one shot a COVID-19 vaccine

Q67 Have you received a second COVID-19 vaccine shot?

- Yes, I have received a second COVID-19 vaccine (1)
- No, I have not received a second COVID-19 vaccine (2)

Display This Question:

If Have you received a second COVID-19 vaccine shot? = Yes, I have received a second COVID-19 vaccine

Q68 Please enter the date you have received your second COVID-19 vaccine? dd/mm/yyyy

_____

Display This Question:

If Have you received at least one shot of a COVID-19 vaccine? = Yes, I have received at least one shot a COVID-19 vaccine

Q105 **FOR ENUMERATOR:** Did you review the repondent's vaccination card?

- Yes (1)
- No (2)

End of Block: Have you received a COVID-19 vaccine?

Start of Block: Spouse and Partner

Q12.1 Do you live with a spouse or partner?

- Yes (1)
- No (2)

Page Break

Display This Question:

If Do you live with a spouse or partner? = Yes

Q12.2 Did your spouse or partner get a COVID-19 vaccine?

- ○ Yes (1)
- ○ No (2)

Display This Question:

If Did your spouse or partner get a COVID-19 vaccine? = Yes

*

Q12.3 When did your spouse or partner get a COVID-19 vaccine? dd/mm/yyy

_____

Display This Question:

If Did your spouse or partner get a COVID-19 vaccine? = Yes

Q90 **FOR ENUMERATOR:** Did you review the spouse or partner's vaccination card?

- ○ Yes (1)
- ○ No (2)

End of Block: Spouse and Partner

Start of Block: Reason NOT to GET the COVID-19 vaccine

Display This Question:

If Have you experienced a fever of 100.4F (38C) or greater, a new cough, new loss of taste or smell,... = No

Q13.1 Why did you decide NOT to get vaccinated against COVID-19, what are / were reasons? (check all that apply)

- [ ] I don't believe the COVID-19 vaccine will be effective (1)
- [ ] I was not offered a payment for getting the COVID-19 vaccine (10)
- [ ] I cannot be vaccinated due to medical reasons as advised by a doctor (2)
- [ ] I am concerned about dangerous side effects from the COVID-19 vaccine (3)
- [ ] Enough other people will accept vaccination so I will benefit from herd immunity (4)
- [ ] I have already been infected with COVID-19 and believe I have developed natural immunity (5)
- [ ] The COVID-19 virus will not be very harmful to my health (6)
- [ ] I don't trust the health care providers in this country (7)
- [ ] I am pregnant or i am about to give birth (9)
- [ ] I am allergic to the vaccine (11)
- [ ] I could not afford to take time from my work (12)
- [ ] Other (8) _____

End of Block: Reason NOT to GET the COVID-19 vaccine

Start of Block: Solar Device

Q14.1 Have you recently purchased a solar charging device since we last spoke to you?

- ○ Yes, I have recently purchased a solar charging device (1)
- ○ No, I have not recently purchased a solar charging device (2)

Display This Question:

If Have you recently purchased a solar charging device since we last spoke to you? = Yes, I have recently purchased a solar charging device

Q14.2 Please enter the date you have purchased a solar charging device? dd/mm/yyyy

_____

End of Block: Solar Device

Start of Block: Network Questions

Q15.1 How many villages in the district do you think you have visited in the last month?

_____

Q15.2 How many villages in the district do you think you have visited in the last year?

_____

Q15.3 Do you have family in other villages in the district?

- Yes (1)
- No (2)

Display This Question:

If Do you have family in other villages in the district? = Yes

Q15.4 How many family members do you have in another village?

_____

Q15.5 Do you have friends and acquaintances who are not part of your family who live in other villages in the district?

- Yes (1)
- No (2)

Display This Question:

If Do you have friends and acquaintances who are not part of your family who live in other villages... = Yes

Q15.6 How many friends and acquaintances who are not part of your family do you have in another village?

_____

End of Block: Network Questions

Start of Block: Network Densitiy Question

Q16.1 How many individuals can you identify in your social network? Think of friends and relatives that live close to you

_____

End of Block: Network Densitiy Question

Start of Block: Whatsapp

Q17.1 Do you have WhatsApp?

- Yes (1)
- No (2)

Display This Question:

If Do you have WhatsApp? = Yes

Q17.2 How often do you use WhatsApp?

- ○ Many times, every day (1)
- ○ A few times every day (4)
- ○ About once a day (5)
- ○ A few times each week (6)
- ○ About once a week (7)
- ○ Once or twice a month (8)
- ○ Less than once a month (9)
- ○ Never (10)

Display This Question:

If Do you have WhatsApp? = Yes

Q17.4 You have WhatsApp groups with...

- ☐ Close family (parents, children and siblings) (1)
- ☐ Close friends (4)
- ☐ College, university or work colleagues (5)
- ☐ Far family (cousins, uncles, nephews)Neighbors (6)
- ☐ Church groups (7)
- ☐ Other groups (8)
- ☐ I don't have groups (9)

Q17.3 What social media have you used in the last year?

- [ ] Facebook (1)
- [ ] Twitter (4)
- [ ] Instagram (5)
- [ ] Reddit (6)
- [ ] YouTube (7)
- [ ] SnapChat (8)
- [ ] TikTok (9)
- [ ] Other (10)
- [ ] I don’t use social media (11)

Display This Question:

If What social media have you used in the last year? != I don’t use social media

Q17.5 How often do you use social media?

- ○ Many times, every day (1)
- ○ A few times every day (4)
- ○ About once a day (5)
- ○ A few times each week (6)
- ○ About once a week (7)
- ○ Once or twice a month (8)
- ○ Less than once a month (9)
- ○ Never (10)

End of Block: Whatsapp

Start of Block: Network COVID-19 questions

Q69 Thinking back over the past three months have you ever discussed the COVID-19 vaccine with your family members?

- ○ Yes (1)
- ○ No (2)

Display This Question:

If Thinking back over the past three months have you ever discussed the COVID-19 vaccine with your f... = Yes

Q70 How often would you say you discussed COVID-19 with your family?

- Every day (1)
- Couple times a week (4)
- At least once a week (5)
- At least once a month (6)

Q71 Thinking back over the past three months have you ever discussed the COVID-19 vaccine with friends and acquaintances in your community?

- Yes (1)
- No (2)

Display This Question:

If Thinking back over the past three months have you ever discussed the COVID-19 vaccine with friend... = Yes

Q73 How often would you say you discussed COVID-19 with friends and acquaintances in your community?

- Every day (1)
- Couple times a week (4)
- At least once a week (5)
- At least once a month (6)

Q74 Thinking back over the past three months have you ever discussed the COVID-19 vaccine with people you know in other villages?

- ○ Yes (1)
- ○ No (2)

Display This Question:

If Thinking back over the past three months have you ever discussed the COVID-19 vaccine with people... = Yes

Q75 How often would you say you discussed COVID-19 with your family?

- ○ Every day (1)
- ○ Couple times a week (4)
- ○ At least once a week (5)
- ○ At least once a month (6)

End of Block: Network COVID-19 questions

Start of Block: COVID-19 Topics

Q76 We are interested in the topics related to COVID-19 that you may have heard about. Could you tell us how much you have heard these COVID-19 topics?

Q77 COVID-19 is a dangerous life-threatening disease. How often have you heard this COVID-19 topic?

- Very Often (1)
- Often (2)
- Sometimes (3)
- Rarely (4)
- Never (5)

Q78 African communities are concerned that the COVID-19 is not safe for our population. How often have you heard this COVID-19 topic?

- Very Often (1)
- Often (2)
- Sometimes (3)
- Rarely (4)
- Never (5)

Q79 In some communities Africans are being paid to get the COVID-19 vaccination. How often have you heard this COVID-19 topic?

- Very Often (1)
- Often (2)
- Sometimes (3)
- Rarely (4)
- Never (5)

Q80 The COVID-19 vaccines that are being given in African communities are not effective – they do not protect us from the COVID-19 virus. How often have you heard this COVID-19 topic?

- ○ Very Often (1)
- ○ Often (2)
- ○ Sometimes (3)
- ○ Rarely (4)
- ○ Never (5)

End of Block: COVID-19 Topics

Start of Block: COVID-19 statements

Q81 We are going to present some statements about the COVID-19 vaccination. Would you tell us how much you agree or disagree with these statements?

Q82 Its each person's responsibility to get the COVID-19 vaccine in order to protect the health of others in our community.

	Strongly Disagree		Indifferent		Strongly Agree
	0	25	50	75	100
Opinion ()					

Q83 The COVID-19 virus is no longer dangerous for our health.

Strongly Disagree		Indifferent		Strongly Agree
0	25	50	75	100

Opinion ()	

Q85 People in our community should get paid in order to encourage them to get the COVID-19 vaccine.

	Strongly Disagree		Indifferent		Strongly Agree
	0	25	50	75	100
Opinion ()					

End of Block: COVID-19 statements