**Post-Disaster Quantitative Survey Questionnaire**

*This sample questionnaire is based on a post-disaster survey that was conducted after flooding in Bangladesh. This questionnaire was programmed into* [*Open Data Kit (ODK)*](https://opendatakit.org/) *and enumerators used their smartphones to enter interview data.*

*Note that the name of the interviewer, the date and GPS location of the interview are not included in the questionnaire. However, these should be programmed into the data collection platform by default (ODK or other), so that the team knows who collected the data when and where.*

**Note to interviewers:**

Please do not read out answers as multiple choice options. Only read out the question and wait for the respondent to answer, then tick the most appropriate response option. If the respondent did not understand the question, offer to clarify. If the respondent gives an answer that does not correspond to any of the pre-identified answer options, add a new response to "other".​

Introductory script (read to the respondent):

*You are invited to complete a Red Cross/Red Crescent survey on floods. Your household was randomly selected to answer a previous survey, similar to names being drawn out of a hat.*

*We would like to give you some information first: We will ask you questions about your household. The survey will help to improve the services the Red Cross/Crescent delivers in disaster management. The questions should take approximately 40 minutes to complete, and we will collect your answers on this mobile phone. We would like to write down your name to ensure we have surveyed the right people. Afterwards we will remove the names, the survey is anonymous.*

*Your answers do not affect whether or not you receive any Red Cross/Crescent services. You are free to stop answering questions at any time. Are you willing to complete this survey?*

*Do you have any questions before we begin? Do you voluntary consent to participating in this survey?*

*[Note to interviewer: If yes, begin survey. If no, discontinue survey; note reason for refusal, if given, to provide to survey supervisor]*

--- Section 1: Identifier ---

1. What is your name? (write name in text box)
2. What is the name of the household head? (write name in text box)
3. National ID number of beneficiary (write number in text box). Note: enumerator use Birth Certificate ID for beneficiaries that do not have NID
4. [Enumerator, what is the household ID number? Note: this refers to the number given to the household for the purpose of our survey. ]
5. Name of village (select only 1)

a. Kajla, Sariakandi,Bogra

b. Char Batiya, Sariakandi,Bogra (Kajla comparison village)

c. Kamalpur, Sariakandi,Bogra

d. Isamara, Sariakandi,Bogra (Kamalpur comparison village)

e. Bhandarbari -3, Dhunat, Bogra

f. Shaharabari and Baniajan, Dhunat, Bogra (Bhandarbari -3 comparison village)

g. Bhandarbari 6&7, Dhunat, Bogra

h. Koiyagari, Dhunat, Bogra (Bhandarbari -6&7 comparison village)

--- Section 2: Demographic Background Information ---

1. How old are you?
2. How many people live in this household? By that we mean: how many people slept in this house last night, including yourself?
3. How many children under the age of 18 live in this household?
4. How many children under the age of 5 live in this household?
5. What is the highest level of education you completed?
   1. None
   2. Primary school
   3. Secondary school
   4. Tertiary education/university
   5. Post-graduate diploma
6. What is your main occupation?
   1. None / not working / at home
   2. Self-employed: farming, animal husbandry, fishing, or similar
   3. Self-employed: Trading, shop keeping, crafts, arts
   4. Formal employment by someone else (shop attendant, laborer, teacher, driver, etc.)
   5. Informal employment, day laborer
7. How much money did you earn last month?
8. How much money does your household spend on food per week?
9. How much money does your household spend on non-food items per week?
10. Do you have any debts, meaning you owe money to someone?
    1. No debts / loans
    2. Yes, bank: (specify amount)
    3. Yes, private/informal lender: (specify amount)

--- Section 3: Before the disaster / early warning and early action ---

1. Before the most recent flood, did you receive any early warning?

a. Yes

b. No [if selected, skip to question 21]

1. What was the source of the early warning? (select all that apply)

a. TV/Radio

b. Union Disaster Management Committee (UDMC)

c. CCP Volunteers

d. Other volunteers (BDRCS, CDMC, others)

e. Mobile phone

f. Word of mouth from neighbors or family members

g. Looking at the weather / traditional signs

h. Others (Please specify)

1. What time and date did you receive this early warning? [prompt date text box]
2. What actions did you take after receiving that early warning? (select all that apply)

a. I did not take any actions

b. Protection of portable valuable assets[if selected, skip the next question]

c. Protection of roof or walls of your home[if selected, skip the next question]

d. Evacuating children[if selected, skip the next question]

e. Evacuating adults[if selected, skip the next question]

f. Purchase of essential food items[if selected, skip the next question]

g. Evacuation of animals/livestock

h. Passing on the alert to others

i. Others (please specify)[if selected, skip the next question]

1. If you did not take any action following the early warning, can you tell us why? [Select all that apply]

a. I did not think the early warning was correct

b. I did not understand the early warning

c. The early warning came from a source I do not trust

d. I didn’t know what early actions to take

e. It was not my decision whether our household should take an early action

f. I was prevented from taking early actions because the action I wanted to do costed too much money

g. The warning came too late. I did not have enough time to take action.

h. Other reason. Please specify [prompt text box]

1. During the most recent flood, where did you evacuate to? [select only 1]

a. We did not evacuate [if selected, skip the next question]

b. School

c. Raised road

d. Public shelter

e. Embankment

f. Stayed with relatives or neighbours inside the community

g. Stayed with relatives or neighbours outside the community

i. Hospital or clinic

j. Local government office

k. Mosque

l. Other. Please specify: \_\_\_\_\_\_\_\_\_\_\_\_\_ [prompt text box]

1. What time and date did you and your family start to evacuate? [insert text box to fill in date]
2. During the flood period (3 days before the flood up to now), did you receive any non-food items in the form of relief from an NGO or the government? [select all that apply]

a. Yes, a jerry can

b. Yes, a tarp, tent or plastic sheeting

c. Yes, water purification tablets

d. Yes, saline sachets

e. Yes, another item, Please specify: [prompt text box]

f. No, I did not receive any non-food items

1. During the current flood period (before, during or after), did you receive any food distributions?

a. Package 1 (10kg + 20kg + 20kg of rice)

b. Package 2 (15kg rice)

c. Package 3 (1kg lentils, 1 litre soybean oil)

d. Package 4 (5kg flattened rice, 1kg molasses)

e. Others [please specify type and amount]

f. No

1. During the current flood period (before, during or after), did you receive a cash transfer?

a. Yes, from the Red Crescent/Red Cross

b. Yes, I received cash from a different NGO or government agency

c. No, I did not receive any cash [if selected, skip to question 24]

1. 19. What was the amount you received? [Insert text box for amount]
2. 20. What day did you receive cash from the Red Crescent/Red Cross? [Insert text box for date]
3. Xx1. The day you received the cash from the Red Crescent/Red Cross, how long did you wait in line until you received the cash? [Insert text box for **wait time in minutes**]
4. 21. We are interested to know how this money was spent. There are no right or wrong ways to spend the cash that you were given. Please reflect on how you spent the cash. Did you use the cash for any of the following purposes? [Select all that apply] Note to enumerator: please read these options out loud.

Items marked with a [p] are perishable/limited in quantity. If the respondent has mentions any item marked with a [p], please include question Xx4.

a. Food [p]

b. Bed net

c. Tarp, tent or plastic sheeting

d. Rope

e. Jerry can, bucket or basin

f. Transportation to evacuate

g. Labor to harvest crops or strengthen house before leaving

h. Labor to evacuate (temporarily)

i. Labor or transportation to shift household to a new area (permanently)

j. Reinforce house

k. School fees

l. Health expenses (fees or medical supplies)

m. Soap or disinfectant [p]

n. Clothing

o. Fuel [p]

p. Re-pay debts

q. Pay sum to landlord

r. Livestock fodder [p]

s. Lend money to others

t. Buy assets, such as radios or mobile phones

u. Add money to savings [p]

v. Other 1 [prompt text box to write in response]

w. Other 2 [prompt text box to write in response]

x. I have not yet spent the cash [p]

y. Cash was stolen

z. I don’t know how the cash was spent

1. 22. Concerning the items you selected in the previous question, how much of the money was spent on each item? [Have each of the selected options prompted in this question with a text box to insert the approximate cash amount]
2. Xx2. Was there anything you wanted to buy that wasn’t available at the time?
3. Food item (specify):
4. Non-food item (specify):
5. Other (specify):
6. Xx3. When did you make the majority of the expenses you just mentioned?
7. The same day I received the cash
8. The following day
9. 2 days after receiving the cash
10. 3-5 days after receiving the cash
11. 6-10 days after receiving the cash
12. 11 days or more after receiving the cash
13. Don’t know

[Include following question only if perishable/limited quantity items were bought, see question 21]

1. Xx4. You mentioned that you bought certain items like food, fodder, soap, fuel, or that you saved some of the money. Did these items, or savings, last throughout the second flood peak in August?
2. Xx5. Was the amount of cash you received sufficient to help you protect yourself, your family or your home from the impacts of the flood?
3. Yes [skip next 2 questions]
4. No
5. Don’t know [skip next 2 questions]
6. Xx6. How much money would have been sufficient for you to protect yourself, your family or your home from the impacts of the flood?
7. [Text box to enter amount mentioned by respondent]
8. Xx7. What main purpose would you have spend this amount of money on? [Do not read out answer options]
9. (Repeat options from 21)
10. ...
11. 23. Did you experience any of the following issues after receiving the cash transfer? [select all that apply]

a. Fear of theft of all or part of the cash

b. Jealousy from individuals who did not receive a cash payment

c. Request to re-pay a loan

d. Give all or part of the cash to another person (e.g. a commission)

e. Other: [prompt text box to write in response]

f. I don’t know / rather not say

g. I did not experience any negative issues

--- Section 4: Damages and impacts ---

1. During the most recent flood, what damage to your homestead did you experience? [select all that apply]
2. I don’t know as I have not returned to my homestead yet (skip to next question)
3. I did not have any damage (skip to next question)
4. Damage to foundation of house (plinth)
5. Minor damage to roof
6. Major damage to roof
7. Minor damage to walls (walls weakened but still standing)
8. Major damage to walls (some walls no longer standing)
9. House was completely swept away or knocked over
10. Land my house was built on has been eroded away
11. Other. Please specify: [prompt text box]
12. During the most recent flood, have you lost any assets? Select all assets lost or irreparably damaged. This does not include assets sold for cash.

a. I did not have any losses or damages

b.

c. Furniture

d. Land (lost to erosion or quality was diminished)

e. Crops, plants

f. Food (harvested)

g. Livestock

h. Personal documents

i. Machinery

j. Small farming tools (non-machinery)

k. Small boat

j. Other. Specify [prompt text box]

1. 24. Have you taken any new loans since the most recent flood? [Select all that apply]

a. Yes, I borrowed food [If selected, skip to question 25]

b. Yes, I borrowed cash

c. Yes, I borrowed non-food items or assets [If selected, skip to question 25]

d. No, I have not taken out a new loan [If selected, skip to question 26]

1. 25. If you took a cash loan, where did you borrow the cash from? [select all that apply]

a. Borrowed from a family or friend

b. Borrowed from an informal lender

c. Borrowed from a bank or formal institution

1. 26. What is the total value of the loans you have taken out since the most recent flood?

a. [Text box to enter total amount]

b. Rather not say

c. I don’t know

1. 26. During the period of flood Mora (3 days before the flood up to now), have you sold any assets in exchange for food or cash?

a. Yes

b. No [If selected, skip to question 28]

1. 27. If yes, which of the following assets did you sell?

a. Mobile phone

b. Bed with bed frame

c. Wooden furniture

d. Bicycle

e. Motorbike, rickshaw or CNG

f. Small boat

g. Corrugated steel roofing

h. Television

i. Refrigerator

j. Solar panels

k. Gold jewelry

l. Clothing

m. Kitchen utensils

n. Sewing machine

o. Radio

p. Cook oven

q. Mechanized farm equipment

r. Crops or seeds

s. Other. Specify [text box]

1. 28. Did you or any household member reduce your meal size or number of meals in a day as there was not enough food during or following the flood?

a. Yes (next question)

b. No (skip next question)

1. 29. How often did this happen during the flood and since then?

a. Rarely (1-2 times)

b. Sometimes (3-10 times)

c. Often (more than 10 times)

1. 30. During the flood and since then did you or any household member go a whole day eating **only rice** because of lack of resources or access to other kinds of food (dal, meat)?

a. Yes (next question)

b. No (skip next question

1. 31. How often did this happen during the flood and since then?

a. Rarely (1-2 times)

b. Sometimes (3-10 times)

c. Often (more than 10 times)

1. 32. The following is a list of illnesses and health conditions. If you have any children in your household 5 years and younger that have been sick since the flood, please select each of the illnesses or health conditions that apply to your child/children 5 years of age and younger since the flood:

a. Dengue

b. Diarrheal disease

c. Dysentery

d. Fever

e. Cough/cold

f. Skin rash

g. Infection of ears or throat

h. Diagnosed by a health practitioner as underweight (too light)

i. Other. Specify: [Prompt text box]

j. Child was not sick

k. No children 5 years old or under in the household

1. 33. The following is a list of illnesses and health conditions. If you have any children in your household above 5 years and below 18 years that have been sick since the flood, please select each of the illnesses or health conditions that apply to your child/children (6-18 years years of age) since the flood:

a. Dengue

b. Diarrheal disease

c. Dysentery

d. Fever

e. Cough/cold

f. Skin rash

g. Infection of ears or throat

h. Diagnosed by a health practitioner as underweight or a vitamin deficiency

i. Other. Specify: [Prompt text box]

j. Child (6-18 years) was not sick

k. No children 6-18 years old or under in the household

1. 34. The following is a list of illnesses and health conditions. If any adults in your household (above 18 years), including yourself, have been sick since the flood, please select each of the illnesses or health conditions that apply to an adult or adults (18 years and over) since the flood:

a. Dengue

b. Diarrheal disease

c. Dysentery

d. Fever

e. Cough/cold

f. Skin rash

g. Infection of ears or throat

h. Diagnosed by a health practitioner as underweight or a vitamin deficiency

i. Other. Specify: [Prompt text box]

j. No adults were sick

1. 35. Have you or any household member attended a clinic or hospital as a result of an illness or injury since the flood?

a. Yes, one family member

b. Yes, more than one family member

c. No

1. 36. Were you or other adults in the household (18 year and above) unable to work as a consequence of the flood?

a. Yes

b. No [If selected, skip to question x]

1. 37. Why were you unable to work? [select all that apply]

a. Illness / health condition

b. Workplace damaged (farm, factory etc)

c. Workplace inaccessible (farm, factory etc)

d. Not working because of fasting

e. Other: please specify \_\_\_\_\_\_\_\_ [prompt text box to specify]

1. 38. How many day were you unable to work? [prompt text box for number of days]
2. 39. Does any of the following statements apply to your animals for the flood and since then?

a. They were healthy all the time.

b. Some got sick but recovered.

c. Some got sick and died.

d. All got sick and died.

e. I had no animals anyway.

1. 40. Since the flood have you felt miserable and unhappy?

a. Never

b. Sometimes

c. Always

1. 41. Since the flood have you felt unable to think properly or concentrate because of feelings of stress?

a. Never

b. Sometimes

c. Always

1. 42. In the past seven days have you felt depressed or anxious?

a. Never

b. Sometimes

c. Always

Script to thank participants for their valuable contribution and patience:

1. *We have now come to the end of the survey. Thank you very much for taking the time to sit with me and complete this questionnaire. Your responses will help improve programs on reducing* vulnerability *to floods and cyclones. You have made a very valuable contribution today.*

**Damage assessment by interviewer (not based on answers from the survey respondent):** If the interview took place at the respondent’s home, take a look around and note any visible damages. If the respondent reported damages/losses of livestock, farmland or productive assets, ask permission to see them.

101. Is it possible for the interviewer to assess household damages?

1. Yes [continue with question 102, otherwise skip to end]
2. No, interview did not take place at home [prompt text box to specify where the interview took place]
3. No, house owner did not give permission [prompt text box to specify reason given why]
4. Other (specify)

102. Are there any disaster-related damages visible on the **homestead** of the respondent?

1. No damages [--> Skip to 106]
2. Minor damages, almost not visible
3. Substantial damages, clearly visible
4. Major damages, house is partially destroyed
5. House is completely destroyed / uninhabitable

103. Are there any damages visible to the **roof**?

1. No damages
2. Minor damages
3. Substantial damages
4. Major damages
5. Completely destroyed / missing

104. Are there any damages visible to the **walls**?

1. No damages
2. Minor damages
3. Substantial damages
4. Major damages
5. Completely destroyed / missing

105. Are there any damages visible to the **foundation / plinth**?

1. No damages
2. Minor damages
3. Substantial damages
4. Major damages
5. Completely destroyed / missing

106. Are there any visible damages to household **assets**?

1. No damages [--> skip to end]
2. Furniture
3. Land (lost to erosion or quality was diminished)
4. Crops, plants
5. Food (harvested)
6. Livestock
7. Machinery
8. Small farming tools (non-machinery)
9. Small boat
10. Other. Specify [prompt text box]

107. **How extensive is the damage** to the assets you selected in the previous question?

a. No damage / almost no damage

b. Less than half damaged

c. Approximately half damaged

d. More than half damaged

e. Almost completely damaged / completely damaged

*Thank you for your time. If you have any questions about this questionnaire, please contact [insert name of regional coordinator] at [insert phone number of regional coordinator]. Thank you again. Good bye.*