

## **Session 6.2: Questionnaire Survey Handouts**

The following handouts comprise various samples of questionnaire survey:

- Key Informant Questionnaire
- Household Questionnaire
- Transport Operator Questionnaire
- Travel Diary

## KEY INFORMANT QUESTIONNAIRE

Interview start time.....

Questionnaire No..... Date.....

Village Name..... District.....

Road No..... Interviewer.....

No. Km from junction with secondary or main road.....

### a) 1. Village Demography

1.1 Number of households..... Village population.....

1.2 No. of men<sup>a</sup>..... No. of women<sup>a</sup>..... No. of children<sup>b</sup>.....

<sup>a</sup> 18 years old or over

<sup>b</sup> Under 18 years old

### 2. Village Topography

2.1 Describe the village terrain: (tick one of the following)

Flat..... Rolling..... Hilly..... Mountainous.....

2.2 Describe the vegetation cover around the village: (tick on of the following)

Dambo (marsh)..... Open..... Forested.....

**3. What is the distance to the nearest educational facilities?** (If educational facility in village, write 0)

b) Type	Primary	Secondary	Technical	Kindergarten	Other
Km					

**4. What is the distance to the nearest health facilities?** (If health facility in village, write 0)

c) Type	Health post	Clinic	Hospital	Other
Km				

4.1 a) Are there any vehicles that come to the village? Y/N

b) What type are these vehicles?.....

c) How frequently do they visit the village.....(week / month / year )

## 5. Transport Services

5.1 How many motor vehicles travel along the road (specify the number of vehicles and in which months):

- a) In peak market/harvest time? .....
- .....
- b) The remaining dry season?.....
- c) Wet season (December to March).....

5.2 How many bicycles use the road a day, on average?.....

5.3 a) Are there any regular transport services available for people living in this village?  
Y / N

b) If so, how frequently do vehicles pass? .....(day / week / month)

## 6. Road Condition

6.1 What are the main problems of the village feeder road? Are they:

- a) Bumpy, rough and uneven, giving an uncomfortable journey Y / N
- b) Slippery when wet Y / N
- c) Boggy when wet (vehicles get stuck in mud) Y / N
- d) Difficult water crossing (culvert or bridge, broken or unsafe) Y / N
- e) Road is too narrow for trucks to pass Y / N
- f) Road is too steep or too bendy Y / N
- g) Other (please state) .....
- .....

6.2 What problems do transporters complain about the feeder road.....

.....  
.....

6.3 State in what year, and what type of road construction or maintenance activity was last undertaken?

.....  
.....

**7. Farming and Economic Activity**

7.1 What are the main crops grown? List in order of importance:

- |          |          |
|----------|----------|
| a) ..... | f) ..... |
| b) ..... | g) ..... |
| c) ..... | h) ..... |
| d) ..... | i) ..... |
| e) ..... | j) ..... |

7.2 What are the main sources of economic activity in the village? Rank in order of importance:

- |                                  |                                  |
|----------------------------------|----------------------------------|
| Food Crops .....                 | Other crops .....                |
| Local employment.....            | Fishing.....                     |
| Trading.....                     | Cattle rearing.....              |
| Poultry.....                     | Marketing.....                   |
| Beer brewing.....                | Charcoal Making .....            |
| Sheep or goat rearing.....       | Brick making.....                |
| Bar.....                         | Vehicle or machinery repair..... |
| Other activities (specify) ..... |                                  |

**8. Places of worship**

8.1 How many types of churches do you have in the village? .....

.....  
.....  
.....

**9. Availability of Goods and facilities**

9.1 Indicate whether the following have improved, remained the same or worsened over the last ten years (tick as appropriate)

	Improved	Remained same	Worsened
Availability of consumer goods			
Availability of agricultural inputs			
Household food supply			
Quality of education			
Availability of medicine at health centre			
Condition of roads			
Ability to purchase goods at shops			
Transport of goods			
Transport of people/ bus service			
Family health			

**10. Extension and NGO Services**

10.1 List any extension or NGO services that come into the village:

.....

.....

.....

.....

**11. Major Events**

11.1 Over the last five years, have there been any major events that have adversely or beneficially affected the village (e.g. floods, heavy rain, new construction, new employment, returning migrants)?

Please describe any events which have had a particular impact:

d) Event	e) Year

Interview finish time .....

## HOUSEHOLD QUESTIONNAIRE

Interview start time..... Interview finish time.....  
Questionnaire No..... Date.....  
Village Name..... District.....  
Interviewer.....

### 1. Household Size and Composition

#### 1.1 Details of the head of household

Sex: M/F Age: <30 30-40 40-50 50-60 60>

Marital Status: single/married/divorced/widowed/separated

#### 1.2 Household composition (including interviewee)

No. of men over 18 yrs ..... No. of women over 18 yrs .....

No. of children under 18 years.....

### 2. Household Livelihood and income

#### 2.1 Main source of livelihood (tick all that apply):

- a) Crops for home consumption..... Crops for sale..... Fishing.....
- b)
- c) Livestock..... Trading..... Beer brewing.....
- d)
- e) Charcoal manufacture..... Remittances .....
- f)
- g) Pensions or savings.....

Formal employment (state what).....

Other trade (eg. Building).....

#### 2.2 Can you give a rough estimate of your household's income range, in Shillings (TZS), during the last twelve months (tick *one* of the following)?

< 1,200	.....	6,001 - 12,000	.....
1,201 – 3,000	.....	12,001 - 18,000	.....
3,001 - 6,000	.....	> 18,001	.....

### 3. Crops & Food

3.1 What Crops are grown by your household? Do you grow these as food for your family, for sale or both?

Crop	For home consumption	For sale
Maize		
Cassava		
Yams		
Groundnuts		
Millet		
Beans		
Bananas		
Rice		
Other (state which) .....		

3.2 Estimated no. of meals per day: Wet season.....

Dry season.....

### 4 Livestock and Dairy Products

Can you give the numbers of livestock and poultry owned by your household and details of any any eggs or dairy production?

Cattle..... Pig ..... Goats/Sheep.....

Donkeys..... Poultry.....

Milk (litres)...../..... (wk/mth) Eggs (No.)...../..... (wk/mth)

### 5 Marketing

5.1 Crop/Produce sales:

In the last two years, which items were exchanged (state type of produce and units) for:

a) Cash? .....

b) Barter? .....

If answered b) Barter, what items are received? .....

.....

5.2 How was produce marketing undertaken in the last two years (tick appropriate)?

- a) Trader visits to village.....
- b) Household member takes goods to urban market.....
- c) Both a) and b).....

5.3 What means of transport is mainly used to convey produce away from village? (tick all that apply)

- Foot..... Bicycle..... Motor vehicle.....
- Ox-cart/ Ox sledge ..... Boat.....

5.4 Are there any cash transactions that you can remember? Give examples of prices received in the last harvest (1999) season received for crop sales:

Location <sup>a</sup>	Month	Commodity	Units	Price	Price/unit

<sup>a</sup> Where the transaction took place – enter “V” for village or “M” for urban market

**6 Employment**

6.1 How many members of the household were employed in the last two years or are currently employed?

No. of males	No. of females	Type of employment

7 What are your transport requirements outside the village:

	Destination	Roughly how many journeys ( <i>round trips</i> ) made per month?	Time taken for <i>one way trip</i> (minutes)	Distance for one way trip (Km).	Cost of journey for one way trip (shillings)	Duration of stay at destination (hours)	Who makes these trips? Tick for men (M), women (W), boys (B) and/or girls (G)				Mode of transport (See Key)
							M	W	B	G	
<b>INCOME GENERATION</b>	Travel to farms										
	Collection of farm inputs										
	Transport of harvest										
	Travel to market: To sell										
	To buy										
	Travel to town										
	Travel to formal employment										
Travel to informal employment											
<b>HUMAN CAPITAL</b>	Travel to grinding mill										
	Education: Primary										
	Secondary										
	Tertiary										
	Health – travel to: Health post										
	Local clinic										
Hospital											
<b>OTHER</b>	Use of post office/ public telephone										
	Other (please state):										
	1.										
2.											

Key: 1 Walk, 2 Bicycle, 3 Motorcycle, 4 Car (owned by household), 5 Transport operator, 6 Bus, 7 Truck, 8 Boat, 9 Animal cart, 10 Tractor, 11 Other,

	Destination	Roughly how many journeys ( <i>round trips</i> ) made per month?	Time taken for <i>one way trip</i> (minutes)	Distance for one way trip (Km).	Cost of journey for one way trip (shillings)	Duration of stay at destination (hours)	Who makes these trips? Tick for men (M), women (W), boys (B) and/or girls (G)				Mode of transport (See Key)
							M	W	B	G	
<b>COMMUNITY ASSOCIATIONS</b>	Farmers group/co-operative										
	Religious meeting										
	Women's group										
	Village committee										
	Burial society										
	Parent Teacher Association (PTA)										
	Credit association										
	Other (please state)										
	1.										
2.											
<b>SOCIAL VISITS</b>	Weddings										
	Funerals										
	Visiting friends										
	Visiting relatives										
	Place of worship										
	Leisure activities										
	Sport activities										
	Other (please state):										
	1.										
2.											

**Key:** 1 Walk, 2 Bicycle, 3 Motorcycle, 4 Car (owned by household), 5 Transport operator, 6 Bus, 7 Truck, 8 Boat, 9 Animal cart, 10 Tractor, 11 Other

## h) Motorised Vehicle Journeys

Can you give actual examples of typical fares for motorised journeys?

Origin	Destination	Distance (Km)	Fare (current/last year's)	Mode <sup>b</sup>

## 8 Goods Transport Charges

Can you give some examples of goods transported (e.g. cassava, beans, fish, maize, etc)?

Mode <sup>b</sup>	Goods	Units	Quantity	i) Charge/unit	C Name of trip destination or distance (km)

<sup>b</sup> Key: 1 walk, 2 Bicycle, 3 Motorcycle, 4 Car, 5 Bus, 6 Truck, 7 Boat, 8 Ox-drawn cart, 9 Tractor, 10 Other

## 9 Trip Satisfaction

9.1 Availability of transport services:

j) How far away (Km) is the nearest point where you would expect to get transport?.....

k) On average how many transport services are there a day?

Wet season.....

Dry season.....

9.2 Road condition:

Is the road to your village easily passable?

	Wet season	Dry season
Always		
Sometimes		
Rarely		
Never (totally impassable)		

9.3 Are you willing to give voluntary labour to improve the road with the help of an engineer? Y / N

9.4 Could you give a reason for your answer? .....

.....  
.....

**10 Ownership of Assets**

10.1 What kind of property or assets does your household possess (e.g. radio, bicycle, fishing net, etc)?

.....  
.....

10.2 During the last season, did the household employ any non-household labour on the farm? Y / N

10.3 Did the household use any of the following modern farm inputs during the last season?

- a) Chemical fertiliser Y / N      b) Special seeds Y / N
- c) Insecticides/pesticides Y / N

10.4 a) During the last two years did the household have any contact with any agricultural extension services or NGO's? Y / N

If yes what was the extension service or NGO? .....

b) Was the contact at the village? .....

Or did contact take place outside the village? .....

10.5 Did the household receive any agricultural credit Y / N

**11 What is the name of the head of your household?**

.....

## **TRANSPORT OPERATOR QUESTIONNAIRE**

i.) Interview start time..... Finish time.....

Questionnaire No. .... Date.....

Location..... District.....

Road No..... Interviewer.....

### **General Questions**

#### **1. Type of vehicle (circle appropriate):**

Motorcycle, Car, Pickup, Bus, Truck, Tractor, Boat, Other (what?).....

#### **2. Does the vehicle have 4-wheel drive? Yes / No**

#### **3. Make of vehicle.....**

#### **4. Number of passengers:**

- Maximum capacity of vehicle .....
- Actual number of passengers carried .....

#### **5. Goods load (kg):**

- Maximum permitted load .....tonnes
- Load normally carried .....tonnes

### **Vehicle operation and nature of business**

#### **6. What is the relationship between the driver and the owner of the vehicle?**

- i) Driver owns the vehicle .....
- ii) Driver is a relative of the owner .....
- iii) Driver has no blood relationship with owner .....

#### **7. What sort of organisation or individual owns the vehicle?**

- i) A family .....
- ii) Co-operative .....
- iii) Transport company .....
- iv) Partnership .....
- v) Local businessman .....
- vi) Other (what?) .....

#### **8. Has the owner got any other vehicles? Yes / No**

- If Yes, how many? .....

9. Is the driver a member of an association? Yes / No

**Vehicle operating costs and maintenance**

10. Does the driver have to pay to park the vehicle? Yes / No

11. If so, how much does he have to pay? ..... frs (CFA)

12. What fuel does the vehicle use (Circle appropriate)? Petrol / Diesel

13. What is the cost *per litre* of fuel? ..... frs (CFA)

14. How much is spent on fuel? ..... frs (CFA) per day / week /  
month

15. How much is spent on maintenance? ..... frs (CFA) per day / week /  
month / year

16. How regularly is maintenance carried out?

i) Daily ..... ii) Weekly ..... iii) Monthly .....

iv) When the vehicle develops a mechanical problem .....

v) Other (Please state) .....

**Vehicle utilisation**

17. How long ago was the vehicle last out of service? ..... days / weeks /  
months

18. What was the reason?

i) Waiting for spares ....

ii) Waiting for repairs ....

iii) Routine maintenance ....

iv) Lack of demand for passengers ....

v) Lack of customers for goods transport ....

vi) Seasonal impassability of roads ....

vii) Vehicle off road only during non-working hours ....

viii) Other reasons (please state) .....

.....

19. For how long did it remain out of service? ..... days / weeks / months /  
years



### **Feeder Road Problems**

**29. Which of the following problems does he find on the feeder roads? Rank in order of importance (e.g. 1 is biggest, 2 is second biggest problem):**

- ii.) There is not enough demand to travel along the road (he won't get a return load).....
- iii.) If his vehicle breaks down no one will come to his assistance and he will find this costly.....
- iv.) He is unfamiliar with the quality of the road and feels insecure about driving down it.....
- v.) The road is very rough and bumpy, resulting in a high maintenance cost bill.....
- vi.) In the wet season the roads get very muddy and the vehicle gets bogged down.....
- vii.) The wooden bridges and culverts are very unsafe and he does not like to drive over them.....
- viii.) In the wet season the roads are very slippery and his vehicle might slide off going up or down hills.....
- ix.) Fuel consumption is high due to frequent gear changes necessitated by the rough nature of the road.....
- x.) There is too much police control .....

xi.) Possible Feeder Road Improvements

**30. If he could make improvements, but money was limited, what would he do to the road? Rank in order of importance the following options:**

- i) Make the surface smoother .....
- ii) Raise embankments .....
- iii) Repair erosion on the hills .....
- iv) Improve water crossings .....
- v) Put gravel on the road .....
- vi) Other .....

**31. Routes:** Can the driver give details of fares and distances and seasonality of operations?

From	To	One way distance (km)	Fare (frs CFA)	One way travel time (days, hours or minutes)	No. of trips per week	Type of road <sup>a</sup>	When used <sup>b</sup>

<sup>a</sup> Enter: TR - Trunk road, MR - Main road, P – Primary feeder , S – Secondary feeder, TF – Tertiary feeder

<sup>b</sup> Enter: W – Wet season, D – Dry season, B – Both season

## TRAVEL DIARY – COVER SHEET

(to be filled in by survey enumerator)

HH Surname. . . . . HH Head's First Name: . . . . .  
 Gender . . . . Age . . . . .

(Put \* asterisk next to household members who did their own logbook recording and note at the bottom of this page who was the main recorder/s in the family who helped others fill out their logbook)

Family members in Order of Age:

No	Name	Relationship to Head	Gender	Age	Main Occupation
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

# Travel Diary

HH Survey No:

HH member Name:

Day of the Week:

No:

Date:

## TIME OF DAY

Before 6 am

6 am - 9 am

9 am - 12am

12 am - 3 pm

3 pm - 6 pm

6 pm - 9 pm

9 pm - 12 pm

TRAVEL WHERE							
<i>Within locality</i>							
<i>Within area</i>							
<i>Outside area</i>							
<i>Long distance</i>							
<b>TRAVEL PURPOSE (list all in order of importance)</b>							
<b>INCOME-EARNING (None=0, or list income source)</b>							
<b>TRAVEL MODE</b>							
<b>TRAVEL TIME (minutes)</b>							
TRAVEL WITH WHO							
Family Member/s (list numbers)							
Non-Family (how many people)							
Alone							
<b>FURTHER REMARKS</b>							