

KAGERA HEALTH AND DEVELOPMENT SURVEY

SUPPLEMENT TO THE  
INTERVIEWER'S MANUAL

Wave 2

April 1992

UNIVERSITY OF  
DAR ES SALAAM

THE WORLD BANK

**TABLE OF CONTENTS**

I. INTRODUCTION..... 1

II. THE HOUSEHOLDS TO BE INTERVIEWED DURING WAVE 2..... 2

Which households should be interviewed?..... 2

How do I identify a Wave 2 household?..... 2

Replacement households get a Wave 1 questionnaire..... 3

Interview procedures..... 3

III. THE WAVE 2 HOUSEHOLD QUESTIONNAIRE..... 4

Parts of the Wave 2 Household Questionnaire..... 4

Summary of Wave 2 Sections and Respondents..... 4

IV. UPDATING AND COMPLETING THE HOUSEHOLD ROSTER (Section 1)..... 6

V. UPDATING AND COMPLETING THE ROSTER OF CHILDREN ELSEWHERE (Section 2).... 12

VI. ACCOUNTING FOR THE CHANGES IN DURABLE GOODS BETWEEN WAVES  
(Section 16)..... 16

VII. OTHER CHANGES IN THE WAVE TWO HOUSEHOLD QUESTIONNAIRE..... 20

Section 3: Information on Parents..... 20

Section 4: Main Activities of the Household..... 20

Section 5: Education..... 20

Section 6: Health..... 21

Section 7: Economic Activities..... 21

Section 8: Migration..... 22

Section 9: Fertility..... 22

Section 10: Anthropometrics..... 22

Section 11: Farming..... 22

Section 12: Livestock..... 24

Section 13: Fishing..... 24

Section 14: Non-Farm Self-Employment..... 24

Section 15: Housing..... 24

Section 17: Food Consumption..... 25

Section 18: Expenditures by Household Members..... 25

Section 19: Remittances and Credit..... 25

Section 20: Mortality ..... 26

VIII. THE WAVE 2 "AUXILIARY" QUESTIONNAIRES..... 27

Community Questionnaire..... 27

Health Facility Questionnaire..... 27

School Questionnaire..... 27

Price Questionnaire..... 27

## I. INTRODUCTION

This Supplement to the Interviewer Manual describes the new procedures and changes in the household questionnaire introduced during the second Wave of the Kagera Health and Development Survey (KHDS).

According to the design of the Kagera Health and Development Survey, each of the households in the sample will be interviewed every six months. These interviews at six-month intervals are called the **Waves** of the survey. At present, three waves are planned. The first Wave of interviews began on September 28, 1991 and was completed on April 4, 1992. The second Wave will begin on May 4, 1992 and will continue for about six months, until all of the households have been interviewed a second time.

During the second Wave, the field teams will return to all of the households that were interviewed during Wave 1, identify the current members of the household, administer the Wave 2 household questionnaire to all current household members, and find out what happened to persons who are no longer members. The teams will also complete:

- a new Wave 2 Community Questionnaire for each cluster of households;
- two price questionnaires for each cluster, one in the nearest market and one in a duka;
- a new Wave 2 Health Facility Questionnaire for the nearest health facility to each cluster, and for all health facilities located within a cluster; and
- a new Wave 2 School Questionnaire for all primary schools located within a cluster.

The purpose of the Wave 2 interviews is to find out how the health and economic circumstances of the households and their members have changed since the Wave 1 interview, 6 months earlier. Most of the questions in the Wave 2 questionnaires are the same or similar to those in the Wave 1 questionnaires.

However, there are some important new procedures for updating household membership during Wave 2 and measuring the changes in living conditions between waves. Further, some questions have been dropped and a few have been added to the questionnaires.

This Supplement to the Interviewer Manual explains all of the new features and procedures for the Wave 2 questionnaires. It is organized into 8 chapters. The next chapter describes how to identify households in Wave 2 and interview procedures for the second Wave. Chapter III provides an overview of the Wave 2 Household Questionnaire. Chapters IV - VI describe new procedures for completing key sections of the questionnaire that have changed -- notably sections 1, 2 and 16. Chapter VII reviews all other smaller changes in the household questionnaire and answers some issues that arose in Wave 1 interviews that may occur again in Wave 2. Chapter VIII discusses changes in the Community, Health Facility and School Questionnaires.

## II. THE HOUSEHOLDS TO BE INTERVIEWED IN WAVE 2

### Which households should be interviewed?

During Wave 2 you will return to all of the households successfully interviewed during Wave 1, to complete a second questionnaire. Wave 2 households include:

- Wave 1 households that were not replaced
- Households that were used as replacements
- "Extra" households that were interviewed

Each of these households will have a complete buff Household Roster Card from Wave 1, with all of the Wave 1 household members listed. The first person on the Card, person 01, will be the person who was the head of the household during Wave 1. When the supervisors are preparing the list of households to be interviewed, they will copy on the first page of the questionnaire the name of the first person on the Household Roster as the head of the household.

### How do I identify a Wave 2 household?

You must look for the household of the person listed as the head of the household on the questionnaire, at the address listed (if any).

In most cases, the head of the household will still be alive and living in the same dwelling. Some of the members may have left and some new members may have arrived. However, you may arrive at the dwelling where the household lived during Wave 1 and find the following: (1) the head has moved or died; (2) only a few Wave 1 members are still living in the dwelling; (3) the dwelling has been abandoned and is empty; or (4) a completely different family is living in the dwelling -- none of the members are the same.

What should be done in these instances?

- If there is **at least one person** who was a member of the household during Wave 1 and who is still living and eating in the same dwelling, you must interview that household.
- If there are **no household members** from Wave 1 still living in the dwelling, then you should report this to your supervisor, who will replace the household.

For example, in the following two cases you should interview the Wave 2 household indicated on the questionnaire:

- If the head and several but not all Wave 1 members are present.
- If there are five new adults, four new children and one child who was a member during Wave 1.

In the following cases you should ask your supervisor to replace the household:

- If the dwelling has been abandoned, the household will be replaced.
- If there are no members from Wave 1 living in the dwelling, then the household will be replaced.

You may find that the household is no longer in the dwelling, but that certain household members from Wave 1 are still living in the community. You should not attempt to interview the households where these former Wave 1 household members are living. See Chapter IV for more information on this issue.

### **Replacement households get a WAVE 1 questionnaire**

If a household that was supposed to be interviewed during Wave 2 is replaced by your supervisor, you will be asked to interview a different household. The "replacement" household will be completely new, and you will be interviewing the household for the first time with the KHDS questionnaire. This means that:

- ANY HOUSEHOLD INTERVIEWED FOR THE FIRST TIME MUST BE GIVEN A WAVE 1 QUESTIONNAIRE. We do not have a completed Household Roster Card for households that are new in Wave 2, so they must be interviewed with a Wave 1 questionnaire.
- THE REFERENCE PERIOD FOR THESE NEW HOUSEHOLDS WILL BE THE PAST 12 MONTHS, NOT THE PAST 6 MONTHS. The Wave 2 questionnaire asks the household to report changes that occurred since Wave 1, which is 6 months earlier. When you use the Wave 1 questionnaire, however, the reference periods will be the same as for all of the other households interviewed during Wave 1.

The data entry operators will enter the data from Wave 1 questionnaires using the WAVE 1 data entry program, and the data from Wave 2 questionnaires using the WAVE 2 data entry program.

### **Interview Procedures**

The procedures for conducting Wave 2 interviews are exactly the same as for Wave 1. You should begin the interview by introducing yourself and explaining again the objectives of the Kagera Health and Development Survey. The most important rule is to read exactly what is written in the questionnaire. All of the conventions about skip instructions and interviewer instructions are the same as for Wave 1.

### III. THE WAVE 2 HOUSEHOLD QUESTIONNAIRE

The KHDS Wave 2 household questionnaire is similar to the household questionnaire used in Wave 1, but it has been adapted to measure the **changes** in household membership, durable goods, assets (like land and animals) and other measures of living conditions since Wave 1. Specifically,

- Most 12-month reference periods have been changed to 6 months (that is, the time elapsed since the Wave 1 interview); and
- Questions have been added to measure changes in household membership, children living elsewhere, and ownership of durable goods between waves.

#### Parts of the Wave 2 Household Questionnaire

Physically, the Wave 2 household questionnaire looks much the same as the Wave 1 questionnaire.

- The main questionnaire includes 20 sections, of which sections 1-10 are asked during round one and sections 11-20 are asked during round two.
- We will be using two rosters already completed from Wave 1 -- the **Household Roster** (with a list of all Wave 1 household members) and the **Roster of Children Living Elsewhere** (the non-resident children of all Wave 1 household members). These will be stored in the back pocket and will be used during every Wave.
- There will also be a new, blank card for Section 10, Anthropometrics, in the back pocket. During Wave 2, all household members will be weighed and measured again.
- The data entry program will produce a removable section, Section 16A1, when it prints the data after round one. You will find this section in the back pocket of your questionnaire at the beginning of round two.

#### Summary of Wave 2 Sections and Respondents

The table below describes all of the sections and respondents for the Wave 2 household questionnaire. As you can see, the Wave 2 household questionnaire has 20 sections with the same titles as in Wave 1. However, new parts have been added to some sections:

- Section 1 is now divided into Part A, for continuing and new household members, and Part B, for persons no longer in the household.
- Section 16A, on durable goods, is now divided into Part A1, which asks about the durable goods mentioned during Wave 1, and Part A2, which asks about other durable goods and those acquired since Wave 1.

The respondents for some sections have also changed:

- The migration questions (Section 8) are asked only about **new** household members.
- The fertility questions (Section 9) are asked only about **new** household members and **continuing members who are 14-50 years old**.

**The KHDS Wave 2 Household Questionnaire:**  
**Summary of Sections and Respondents**

NO	SECTION	RESPONDENT
1A 1B	Household roster <i>Information on former household members</i>	Head of household
2	Children residing elsewhere	Head of household
3	Information on the parents of household members	Head of household, about all household members
4	Main activities of the household	Head of household
5	Education	All household members 7 and older
6	Health	All household members
7	Activities and non-labor income	All household members 7 and older
8	Migration	<b>All NEW household members</b>
9	Fertility	<b>All NEW female members 14 and older</b> <b>All continuing female members 14-50 years old</b>
10	Anthropometrics	All household members
11	Farming	Most knowledgeable person
12	Livestock	Most knowledgeable person
13	Fishing	Most knowledgeable person
14	Non-farm self-employment	Most knowledgeable person, up to 5 businesses
15	Housing	Head of household
16A1 16A2 16B 16C	<b>Durable goods from Wave One</b> <b>Durable goods acquired since Wave One</b> Household expenditures Receipt of assistance	Head of household
17	Food consumption	Most knowledgeable person
18	Expenditures by household members	All household members (part A) and household members 15 and older (part B)
19	Remittances and credit	All household members (part A) and household members 15 and older (parts B and C)
20	Mortality	Head of household

#### IV. UPDATING AND COMPLETING THE HOUSEHOLD ROSTER (Section 1)

##### OBJECTIVES

The objectives of this section are to: (1) find out who from Wave 1 is still a household member; (2) add new household members to the roster; and (3) obtain information on Wave 1 household members who have moved away.

Section 1 has three parts:

- The buff Household Roster Card, from Wave 1
- Part A, for all continuing household members from Wave 1, all persons who have left the household or died, and all new household members
- Part B, for household members from Wave 1 who have died or moved away

The objective of Part A is to obtain an up-to-date list of all current household members; the objective of Part B is to obtain information on persons who are no longer members.

##### RESPONDENT

The respondent for Section 1 is the head of the household or, if he/she is absent, a principal respondent.

**Section 1, Parts A and B, will be completed for all households, even if the entire household has moved or died and the household is replaced by the supervisor.** The interviewer must obtain this information from neighbors, friends or community officials. In addition, Section 20A will be completed if anyone from the household has died -- even if there is no one remaining and the household is replaced.

##### DEFINITIONS

Many of the persons who were household members in Wave 1 will still be living and eating together in the same dwelling. These persons are called **CONTINUING HOUSEHOLD MEMBERS**.

Other household members in Wave 1 will no longer be living with the household -- either because they moved to another household or because they died. The Wave 1 household members who are no longer in the household are called **FORMER HOUSEHOLD MEMBERS**.

In some cases, there will be persons who have joined the household since Wave 1. These persons are **NEW HOUSEHOLD MEMBERS**. For example:

- a baby born since the last Wave
- a spouse who joined since the last Wave
- children who were living away from the household who returned to live with their parents
- other friends or relatives who have come to live with the household

However, in order to be considered a new household member, the person must satisfy the same requirements as the other members -- they must have lived and eaten with the household for at least three (3) of the past 12 months. If they have lived with the household for less than 3 months, they must be intending to stay with the household until the next Wave (6 months

from now) in order to be a household member. As was the case in Wave 1, mkataba servants, tenants and boarders are NOT household members.

### **INSTRUCTIONS**

Section 1 is completed in four steps:

- (1) Update the list of persons on the household roster, Part A.
- (2) Complete questions 4-13 for all persons on the roster and determine household membership, Part A.
- (3) Update and complete the Wave 2 portion of the removable Household Roster Card.
- (4) Ask Part B about all Wave 1 members who are no longer in the household.

#### **Step 1: Update the list of persons** (Part A)

In order to obtain a list of all current household members, you must do two things:

- Complete questions 1A-3 for all members from Wave 1
- Obtain the names of all persons who have joined the household since Wave 1 and complete questions 2-3 for them

The instructions for completing Part A are printed on the questionnaire on the page opposite page 3. It is very important that you follow them exactly. You must always ask about all members from Wave 1 (whose names are already on the Household Roster Card) before asking about any persons who have joined the household.

#### ***Household members from Wave 1***

To begin, remove the Household Roster Card completed during Wave 1 and insert it into the back pocket of the questionnaire so that the horizontal lines for household members line up with page 3 of the questionnaire. Remember that all of the persons who were household members during Wave 1 have an "X" and their age listed in the left-hand column marked "WAVE 1".

Read item A on the opposite page to the respondent:

"When I was here 6 months ago, we made a list of all of the people who were normally living together and eating in this dwelling."

Then ask questions 1A, 2 and 3 about all persons on the Household Roster who were household members during Wave 1 -- that is, everyone with an "X" in the column for Wave 1 on the Household Roster Card. If there are people on the Household Roster from Wave 1 who were not household members, then you must leave that line "blank". Do not ask Questions 1A-3 about non-members from Wave 1.

Question 1A is a new question that records whether the household member from Wave 1 is still living and eating with the rest of the household in the dwelling. You will ask this question only about household members from the previous wave. If the answer is "NO", then you must go to the next person without completing questions 2 and 3.

NOTE: If none of the members from Wave 1 is living or eating together in the dwelling from Wave 1 (that is, all of the answers to Question 1A are NO), then you should inform your supervisor, who will replace the household. In that case, do not ask about new household members in steps 2-4 below. However, you must still complete two parts of the questionnaire before returning it to the supervisor:

- Section 1B, for former household members (in this case, all members from Wave 1)
- Section 20A, for each household member who has died since Wave 1.

Question 3 asks about the person's current relationship to the head of household. The relationship may be different in Wave 2 than it was in Wave 1, because some members of the household may have moved away, died or remarried.

For example, during Wave 1 the first person on the roster was the head. But this will not necessarily be the case during Wave 2. In fact, the Wave 2 household head could even be a new household member, who was not on the roster during Wave 1.

***Persons who have joined the household***

After you have obtained the information in questions 1A, 2 and 3 on all household members from Wave 1, read item B on the opposite page to the respondent:

"In addition to these persons, is there anyone else who normally lives and eats in this dwelling? For example, persons who have joined your household since my last visit?"

At this point you should probe to help the respondent remember anyone who might have joined the household:

- new spouses and newborn babies
- adults or grandparents who have joined the household
- orphans or other children who have come to live with the household
- non-relatives who have joined the household

Write the answer to item B in the code box below the item. If the answer to item B is YES, then you must ask the respondent for the names of all persons who have joined the household since Wave 1 (in the past 6 months) and who normally live and eat their meals together in this dwelling. Add these names to the Household Roster card, beginning with the first empty line. You may have to continue on the back of the Household Roster card and use a second questionnaire. As you add the names, ask for the sex of the person and his/her relation to the current head of the household, in questions 2-3.

Remember that you must obtain a list of people who are currently living and taking meals with the household. Do not add the names of persons who came to live with the households since Wave one, but who have now left or died.

**Step 2: Ask questions 4-13 of all continuing and new persons and determine household membership** (Part A)

After you have obtained a list of all continuing household members and a list of all persons who have joined the household, ask questions 4-11 about each person, determine whether they are a household member in question 12, and ask question 13. Questions 4-11 are identical to the same questions in Wave 1. The criteria for household membership in question 12 are the same as for Wave 1.

Question 13 is new and asks how many months in the past 6 months the household member was away from the household. The answer must be between 0 and 6 months! If the answer to question 10 was 0, then write 0 for question 13. Otherwise (if question 10 is not equal to 0), ask question 13. Please note that question 13 has nothing to do with household membership, and you should only ask the question of household members, after completing question 12.

**Step 3: Update and complete the Wave 2 portion of the removable Household Roster Card**

After you have determined who is a Wave 2 household member on page 3, you must record this information on the removable Household Roster Card.

- On the left side of the card, write an "X" and the age in years in the column for WAVE 2 for all persons who were classified as household members in question 12.
- On the right side of the card in the box labelled STATUS, record the status of all Wave 1 and Wave 2 household members:
  - Use CONTINUING MEMBER for all Wave 1 household members who are also members in Wave 2. (That is, there is an "X" in the columns for both Wave 1 and Wave 2.)
  - Use MOVED or DIED for all Wave 1 household members who are not members in Wave 2. (That is, there is an "X" in the column for Wave 1 but not for Wave 2.)
  - Use NEW MEMBER for all persons who are household members in Wave 2 but were not members during Wave 1. (That is, there is an "X" in the column for Wave 2 but not Wave 1.)

**Step 4: Complete Part B for all former household members**

The objective of Part B is to find out why household members from Wave 1 are no longer with the household. The respondent for Part B is the head of the household, and it is asked about all household members from Wave 1 who are not members in Wave 2 -- that is, all persons with an "X" on the Household Roster card in the Wave 1 column but not in the Wave 2 column.

If you are completing Part B for a household that has disintegrated and will be replaced, you will have to find respondents outside the household who are knowledgeable of the circumstances surrounding these events. You should consult friends, neighbors and officials who knew the household members.

Sections 1B and 20A are the only sections of the Wave 2 household questionnaire that will be asked about former household members from Wave 1. Throughout the rest of the household questionnaire, you will ask "individual" sections (3, 5, 6, 7, 8, 9, 10, 18, 19) *only about Wave 2 household members.*

**PROBLEMS**

1. There are no members from Wave 1 living at this address

SOLUTION: Complete Sections 1A and 1B for all former household members, Section 20A if any of the former members died, and see your supervisor, who will replace the household. Do not add any new names to the household roster in Section 1A -- just complete it for the former members.

2. There is only one person living in the household who was a member during Wave 1

SOLUTION: Update the rosters and complete the questionnaire for all current members of the household. There will be only one continuing member and all of the other members will be new. The household will NOT be replaced.

3. The age in years given for a person in question 6 is very different than the age in years listed on the household roster card in the column for Wave 1

SOLUTION: The age in years in question 6 should be the same as the age in the Wave 2 column of the Household Roster Card or one year more. If this is not the case, the first thing you should do is probe to make sure that you are discussing the same person. If the person is indeed the same, probe more closely for the person's age. You should ask to see the birth or baptism certificate, if possible.

If the respondent still insists that his/her age is very different from that on the card from Wave 1, simply record the answer to question 6 that the respondent believes is correct. If the person is a Wave 2 household member, record the age in years from question 6 in the Wave 2 column of the Household Roster Card. NEVER CHANGE THE AGE OR ANY OTHER INFORMATION (MONTH AND YEAR OF BIRTH, SEX) WRITTEN IN THE WAVE 1 COLUMN OF THE HOUSEHOLD ROSTER CARD. Do not insist on making the age in question 6 the same as in Wave 1, if the respondent claims otherwise.

4. The name of someone who has joined the household is already on the Household Roster Card, but was not a member during Wave 1. Should I complete a new line for this person or use the line that is already there?

SOLUTION: Use the line that already has the person's name. Since the person was not a member during Wave 1, the Wave 1 column will always be blank. If the person is a member during Wave 2, you will put an X and the person's age in years in the column for Wave 2.

5. There are many new members in Wave 2, and many former members have moved away. I must begin a second Household Roster Card for some Wave 2 household members. However, there are many "gaps" in the ID codes for the Wave 2 household members. For example, persons with ID codes 3, 8 and 10 are still in the household and persons 13-18 are new. Must I use two questionnaires, or may I renumber unused line numbers on a single questionnaire?

SOLUTION: ALWAYS use as many questionnaires as there are sides completed of the Household Roster Card. NEVER renumber unused lines out of order. This would introduce many possibilities for making mistakes, by both the interviewer and the data entry operator.

6. The household members from Wave 1 are no longer living in the same dwelling, but several of them have moved to other parts of the village. For example, the head died, the wife and two children have moved to one dwelling and two of the other children are living with grandparents in the village. Should I complete the household questionnaire for the wife and children in their new dwelling?

SOLUTION: The household has moved and partly disintegrated. No one is present at the former residence. You should complete Section 1A and 1B for all former household members and Section 20A for the head who died. You may use the former household members as respondents if you would like. However, the household must be replaced. Contact your supervisor for a new household.

V. **UPDATING AND COMPLETING THE ROSTER OF CHILDREN LIVING ELSEWHERE**  
(Section 2)

**OBJECTIVE**

The objectives of Section 2 are to: (1) obtain a list of the non-resident children of Wave 2 household members; and (2) determine what has happened to children who are no longer living elsewhere.

**RESPONDENT**

The respondent for this section is the Head of the Household or, if he/she is not available, a principal respondent. In order to obtain accurate information on the children of all household members, it may be necessary to seek additional information from other adults.

**INSTRUCTIONS**

To complete this section, you will need the Roster of Children Living Elsewhere from Wave 1. Recall that this roster contains a list of all of the children living elsewhere of household members. The "children" may be any age, from infants to adults, but must be the offspring of household members.

There are many reasons why the list of children living elsewhere may change between waves.

Children may be **removed** because:

- The child living elsewhere may have **joined the household**. In this case, he/she will be listed on the household roster and must be dropped from the roster of children living elsewhere.
- The child living elsewhere may have **died**.
- The **parents** of the child living elsewhere may no longer be household members.

Children may be **added** because:

- The child and his/her parent(s) were household members during Wave 1; the child **moved** before Wave 2 but the parents stayed.
- The children living elsewhere of **new** household members must be added.
- A child of a household member may have been **born** elsewhere
- A child living elsewhere may have been missed during Wave 1

There are two steps to completing Section 2: (1) update the list of children on the roster; and (2) ask questions 3-17 about all children living elsewhere during Wave 2.

**Step 1: Update the list of children living elsewhere**

The instructions for updating the list of children living elsewhere for Wave 2 are on the page opposite page 5 of the household questionnaire. The instructions are labelled 1A - 1D.

In order to have a current list of all of the children living elsewhere, you must:

- . Ask the respondent to name all of the children living elsewhere of current household members (questions 1A - 1B). Do not refer to any children already on the roster.
- . After accounting for the children named by the respondent, ask about any children already on the roster but not mentioned by the respondent (question 1C)
- . Read aloud to the respondent the list of all children living elsewhere during Wave 2, to ensure that you have a complete list.

### ***Children currently living elsewhere***

Question 1A is the same question as was asked in Wave 1. If there are any Wave 2 household members whose children are not living with them in the household, then the answer to question 1A must be YES. The children may be very young or may be middle-aged adults. All offspring of Wave 2 household members must be included.

If the answer to question 1A is YES, then ask the respondent to name all of the children living elsewhere of current household members, in question 1B. As the respondent mentions names, look down the list of children already on the Roster of Children Living Elsewhere.

- . If you find the child's name on the roster, record the child's status as CHILD STILL AWAY (code 1) in question 2A, and mark an X in the column of the Roster for Wave 2.
- . If you cannot find the child's name already on the Roster of Children Living Elsewhere, then add his/her name on the next available line, complete question 2A and mark an X in the column of the Roster for Wave 2.

In question 2A, there are only four codes that can apply to children added to the Roster during Wave 2:

- CHILD LEFT HOUSEHOLD SINCE WAVE 1 (code 5)
- CHILD OF NEW HH MEMBER (code 6)
- CHILD BORN ELSEWHERE (code 7)
- CHILD MISSED IN WAVE 1 (code 8)

If the child named by the respondent was a household member in Wave 1 but has left the household, then record the Wave 1 ID Code of the child from the Household Roster in question 2B of section 2. Note, however, that if a child moved away from the household and did not leave behind at least one parent who is a household member, then the child should not be listed as a child living elsewhere during Wave 2, since he/she will no longer have any parents in the household. In that case, do not add the name of the child to the Roster of Children Living Elsewhere.

If the answer to question 1A is NO, then there are no children currently living elsewhere. Skip to question 1C.

### ***Children no longer living elsewhere***

Question 1C. In some cases, the respondent will say that there are no children residing elsewhere in answering question 1A, but you will notice that there are children listed on the pink Roster from Wave 1. This means that either:

- . the respondent has forgotten to mention some children; or
- . the children living elsewhere during Wave 1 are no longer non-resident children of household members, for the reasons discussed above.

In other cases, the respondent will say that there are children living elsewhere, but he or she will fail to mention all of the names on the Roster from Wave 1.

In both of these cases, the answer to question 1C will be YES. That is, there will be some children listed on the Roster from Wave 1 who were not mentioned by the respondent. You must ask the respondent about each of the children not mentioned, and record his/her status in questions 2A - 2C.

There are only three possible reasons why a child may no longer be living away from the household during Wave 2, in question 2A:

- CHILD JOINED HOUSEHOLD (code 2)
- CHILD DIED (code 3)
- BOTH PARENTS NO LONGER IN THE HOUSEHOLD (code 4)

If the child is no longer living away from the household because he or she joined the household during Wave 2, then the child's name will appear as a household member during Wave 2 on the Household Roster Card. You must copy the ID Code of the child from the Household Roster in question 2C of Section 2.

Question 1D. To ensure that you have a complete list of children living elsewhere, ask:

"I would like to make sure that I now have a complete list of all of the children living elsewhere of the members of this household."

Read the names aloud of all children with an X in the column for Wave 2 on the Roster of Children Living Elsewhere. Ask the respondent if this list is accurate and whether any names have been omitted.

### **Step 2: Ask questions 3-17 for all children living elsewhere in Wave 2**

After you have established the status of all children on the roster from Wave 1 and added the new names of children living elsewhere during Wave 2, ask questions 3-17 for every child with an "X" in the Wave 2 column of the pink Roster.

### **PROBLEMS**

1. The respondent mentions the name of a child who was not on the Roster of Children Living Elsewhere during Wave 1. When you ask for an explanation, you find that the child actually was the child living elsewhere of a household member during Wave 1, but was missed by the interviewer. What should be done?

SOLUTION: In Question 2A, use code 8, CHILD MISSED IN WAVE 1, and mark an X in the column for Wave 2. Do not mark an X in the column for Wave 1, since no information was obtained for this person during Wave 1.

2. As you are reading through the list of children on the Roster of Children Living Elsewhere who were not mentioned by the respondent, you find that the same child in Wave 1 was listed twice, under different names. What should be done?

SOLUTION: Draw a horizontal line through the duplicate name on the Roster of Children Living Elsewhere. Make sure to cross out only one of the duplicate names and leave one on the list. Answer questions 2A-2C only for the one name remaining. Do not erase the duplicate name from the Roster of Children Living Elsewhere.

3. A person who was living with his father in the household during Wave 1 has moved away because his father died. Should this person who was the child of a household member during Wave 1 be classified as a child living elsewhere during Wave 2?

SOLUTION: No. The father died and is no longer a household member. You will complete Section 1B and Section 20A for the father who died. The son moved away and is no longer a household member. You will complete Section 1B for the son. Since he no longer has a parent in the household, he should not be listed on the Roster of Children Living Elsewhere.

IV. **ACCOUNTING FOR THE CHANGES IN DURABLE GOODS BETWEEN WAVES**  
(Section 16)

**OBJECTIVES**

One of the main objectives of the Wave 2 household questionnaire is to measure the changes in ownership of durable goods between Waves 1 and 2. To accomplish this, Section 16, Part A, on Durable Goods, has been divided into two pieces:

- Section 16A1, which asks about the disposition of the durable goods owned by the household during Wave 1.
- Section 16A2, which asks about other durable goods owned by the household or acquired since Wave 1.

**RESPONDENT**

The respondent for Section 16 continues to be the Head of the Household or the person most knowledgeable about a particular durable good.

**INSTRUCTIONS**

**Section 16A1**

This part of Section 16A is not included in the pages of the main questionnaire. At the end of round one, the data entry program will produce a page called Section 16A1 for every household. On this page will be a list of the most important durable goods owned by the household members during Wave 1.

At the top of the form will be the cluster and household number and a space to record the ID code of the person who is the respondent for Section 16 during Wave 2.

For each major durable good owned during Wave 1, the form will show the following information under Question 1:

- The type of good (for example, radio, bicycle, lantern)
- The code of the good (that is, the code used for radio, bicycle, lantern during Wave 1)
- The ID code of the person in the household who owned the durable good. (Code 99 means that the durable good belonged to the entire household.)
- The year that the good was acquired
- The amount that the household members paid for it. (If it was a gift or inherited, the value of the gift will appear.)

Although the questions on the form will be the same for all households, the information provided in question 1 will be different for every household, depending on what they owned during Wave 1. That is to say, Section 16A1 will be unique for every household. YOU MAY ONLY USE THE FORM PRODUCED BY THE DATA ENTRY PROGRAM FOR THE HOUSEHOLD WHOSE CLUSTER AND HOUSEHOLD NUMBER ARE PRINTED AT THE TOP. No substitutions are possible. An example of this form for a fictitious household is on the next page.

SECTION 16A1 GOES HERE.

The description of the durable goods in question 1 is provided to: (1) help you identify the good for the respondent -- particularly the type of good, its owner and the year it was acquired; and (2) help you probe for answers. You should not use this information to answer questions 2-5, however. For example, do not mention to the respondent the amount paid for the item as it appears in question 1. It is included only to help you probe. We prefer that you not remind the respondent of this information because we do not want this amount to influence the respondent's answer to question 5.

Section 16A1 also has 4 questions about each of the durable goods listed in question 1.

Question 2 asks whether a member of the household still owns the durable good.

- If a member of the household still owns the durable good, question 3 asks who in the household owns the durable good. Since persons who owned durable goods in Wave 1 may have moved away or died, the goods may have changed ownership within the household.
- If the durable good is no longer owned by the household, question 4 asks what happened to it. For example, the durable good could have been sold, broken, given away, disinherited or stolen. Another possibility is that the owner is no longer a household member and took the good with him or her. A code has also been provided in the event that the household denies that it ever had the durable good!
- If the durable good was sold, question 5 asks for how much the item was sold.

Section 16A1 will not list all of the durable goods owned by household members during Wave 1 -- only those that are easy for the respondent to identify. For example, radios, cameras and bicycles will be listed, but furniture and pots and pans will not be listed. So, if you find that the household has also sold some durable goods that are not in Section 16A1, do not be concerned.

### **Double-counting income from the sale of durable goods**

Section 16A1 is not the only part of the questionnaire that asks about the sale of durable goods. Each household member 15 and older is also asked whether they received income from the sale of durable goods in Section 7H, questions 8A and 8B. You should record income from the sale of durable goods in both places -- Section 7H and Section 16A1. In Section 7H, you will record income from the sale of all durable goods, even those not mentioned in section 16A1. In Section 16A1, you will record the sale amount only of the goods listed on the form.

### **Section 16A2**

Section 16A2 is on page 58 of the household questionnaire. It is similar to section 16A of Wave 1, except that it asks about all durable goods acquired since Wave 1 (that is, in the past 6 months) and any other durable goods not mentioned in Section 16A1. Notice, however, that pots and pans, furniture and lanterns no longer appear on the list of durable goods. Please do not ask about these items during Wave 2. You should record income from the sale of furniture, pots and pans, and lanterns in Section 7H, and the purchase of these items since Wave 1 in Section 16B.

Section 16A2 should always be asked after Section 16A1.

**Sections 16B and 16C**

The reference period for Sections 16B and 16C has been changed to 6 months.

In Section 16C, question 1, assistance from the Kagera Health and Development Survey (Mradi na Afya na Maendeleo) has been added to the list of organizations giving assistance. This is where you should record the value of the gift given to the household by our project at the end of the Wave 1 interview.

**PROBLEMS**

1. A household member from Wave 1 is no longer a household member in Wave 2. However, when he moved away, he left behind some of his durable goods in storage with the household. What should be the answer to question 2 in Section 16A1?

SOLUTION: If the durable goods were left in storage and not given as a gift to a Wave 2 household member, then they do not belong to a member of the household in Wave 2. The answer to question 2 should be NO.

2. You ask the respondent about the saloon car that he owned during Wave 1. The respondent claims that he never in his life owned a saloon car, and that you must be mistaken. What should be recorded in question 2?

SOLUTION: The answer to question 2 should be NO, since no one in the household still owns the saloon car. Skip to question 4 and use code 7, WAVE 1 ERROR/NEVER OWNED. Do not draw a line through the durable good or attempt to erase it.

3. The respondent claims that he owned many other items during Wave 1, which are not listed in Section 16A1. Should they be added to the list in Section 16A1, since they were owned during Wave 1?

SOLUTION: No, do not add any durable goods to Section 16A1. Ask only about the durable goods printed by the data entry program. You should report any other durable goods owned by the household now that were missed in Wave 1, in Section 16A2.

VII. OTHER CHANGES IN THE WAVE 2 HOUSEHOLD QUESTIONNAIRESECTION 3: INFORMATION ON PARENTSCHANGES

As was the case during Wave 1, this section is asked about all household members. However, skip instructions for the interviewer have been added in questions 5A and 13A, so that the questions on parents' education are not repeated for continuing household members. All other questions remain the same.

SECTION 4: MAIN ACTIVITIES OF THE HOUSEHOLDCHANGES

The reference period for all of the activities in questions 1-9 is the past 6 months (that is, since the Wave 1 interview).

Question 3. This question now asks whether the household has raised or owned livestock or animals.

Questions 7 and 8. The Swahili translations of these questions have been improved, based on interviewer recommendations from Wave 1.

PROBLEMS

1. You are interviewing a household in which one member died between Waves 1 and 2. This person died 2 months before the interview. He was the only household member who owned livestock, and he earned income for the household from his livestock activities in the four months before he died. What should be the answer to question 3 about livestock activities of household members in the past 6 months?

SOLUTION: In order to understand the impact of the death of the household, we need to know about the income earned for the household during the months before the death. So the answer to question 3, on whether anyone in the household raised or owned livestock in the past 6 months, should be YES. However, since the person who is most knowledgeable is no longer alive, someone else in the household will have to report these earnings to the best of their ability. When you reach Sections 11, 12, 13 and 14 in these cases, make sure to count only income earned while this person was alive. Do not report any income for the months during which there was no income.

SECTION 5: EDUCATIONCHANGES

The only change in this section is that the reference period in questions 13, 18, 19, 22, 25, 26 and 28 has been reduced to the last 6 months.

**SECTION 6: HEALTH****CHANGES**

Since the reference period for Section 6A is the last 4 weeks and for Section 6B is the past 6 months, there are no changes in the reference period for this section.

Questions 1, 4 and 6. The skip instructions have been changed so that respondents go to question 78 instead of to Section 6B.

Questions 19-21 have been reworded and the order of the questioning has been changed so that the respondent can better understand the difference between in-patient consultations and out-patient consultations. Questions 19 and 20 ask first for the number of times that the respondent visited the health facility "*when you were not hospitalized*", and how much was paid for all of these visits with no hospitalization. Questions 21-23 then ask whether the respondent was hospitalized, for how many nights, and how much the hospitalization cost.

Questions 31-35 and 43-47 have been re-ordered in the same way so as to ask for outpatient visits first.

Questions 72 and 78 have been added to Section 6A find out how many times the respondent has been ill or injured in the past 6 months (since Wave 1). Two important points to remember in counting these illness episodes are:

- Do NOT include the illnesses and injuries in the past 4 weeks that the respondent has just described in Section 6A.
- Do NOT include episodes of chronic illnesses that are covered in Section 6B.

**PROBLEMS**

1. The patient received a hospital bill that included all expenses (room, food, consultations, medicines) and was not itemized. Where and how should this information be recorded in Section 6A?

SOLUTION: If the expenses for hospitalization at a facility were not itemized, include ALL of these expenses in the amount paid for the hospitalization -- that is, in questions 23, 35, 47 and 50. Remember that you should never double-count these health expenditures within Section 6 by reporting the same expenditure for hospitalization in question 23 and and for medicines in question 57, for example.

**SECTION 7: ACTIVITIES AND NON-LABOR INCOME****CHANGES**

All 12-month reference periods in this section have been changed to the past 6 months (since Wave 1).

Two questions in section 7D which were "blank" in Wave 1 have been dropped -- questions 19 and 36.

**SECTION 8: MIGRATION****CHANGES**

None of the questions in this section has changed. However, the respondent has changed: Section 8 will only be asked of NEW household members. Continuing household members will not answer the migration questions again.

**SECTION 9: FERTILITY****CHANGES**

The number of female respondents for this section has been reduced. Respondents for Wave 2 are:

- All continuing female household members 14-50 years old
- All new female household members 14 and older

This change means that continuing household members over 50 will not be asked these questions again.

Question 19 has been reworded to ask whether the respondent has already lived "with a husband or boyfriend". This replaces "with a man", in the Wave 1 questionnaire.

**SECTION 10: ANTHROPOMETRICS****CHANGES**

The instructions and procedures are the same as for Wave 1. All household members are to be weighed and measured, regardless of their age.

Question 10. The coding for the number of immunizations, has been changed to:

NONE.....0  
 ONE.....1  
 TWO.....2  
 THREE.....3

**SECTION 11: FARMING****CHANGES**

All 12-month reference periods in this section have been changed to the past 6 months.

Income from all crops/products sold by all household members in the past 6 months should be included, even if a member left or died between waves.

**Introduction**

Questions D and E have been added to find out whether the household sold any shambas or gardens in the past 6 months (question D) and, if so, how much was received (question E). You may find that gardens or shambas were sold by members of the household in the past 6 months, but the member has died before the interview. You should include the sale of shambas by household members who died between waves. However, you should not include the sale of shambas by household members who moved.

Questions F, G, and H have been added to find out whether anyone in the household lost shambas or gardens from DISINHERITANCE. Examples of households that disinherit land include:

- . When a household member who died left his land to persons outside of the household.
- . When a household member provides land to his children as an inheritance, but while the household member is alive.

Question G asks about the number of shambas or gardens that were disinherited and question H asks about the value of these lands.

### **Section 11A**

Question 5A has been added. For households who bought their shamba/garden on credit (code 2, question 4), this question asks how much of the loan remains to be repaid.

### **Section 11D**

Questions 14 and 15 have been added to find out whether the household owes any money for farm inputs obtained on credit or for advances that it received (question 14) and, if so, how much is owed by the household on the day of the interview (question 15).

### **Section 11F**

This section has been re-organized so that you can obtain an estimate of the value of all of the hand tools owned by the household in each category. It now appears opposite page 50 on the questionnaire.

### **Section 11G**

A new line (10) has been added to ask about farm buildings that are owned or have been bought or sold since Wave 1. FARM BUILDINGS include barns and sheds used for the storage of animals or implements. You must not include the household's own living quarters, since this will be discussed in the housing section (Section 15).

Other lines have been added for equipment used in processing home-produced crops for sale. These pieces of equipment include: grinders (item 11); "boats" for making banana beer (item 12); gericans and drums (item 13) and other equipment for processing crops (item 14).

### **Double-counting of farm assets and credit in the questionnaire**

Credit. The new questions in Sections 11A and 11D ask about money that is owed for agricultural credit -- for land or farm inputs. These amounts should NOT be included in the answer to Section 19, question 40. Question 40 asks about all money owned for loans EXCEPT agricultural loans.

Farm buildings. Information on the ownership, sale and purchase of farm buildings is recorded in Section 11. Information on the ownership, sale and purchase of business buildings is recorded in Section 14. Information on housing is recorded in Section 15. There should be NO double-counting of information across these three sections.

**SECTION 12: ANIMALS****CHANGES**

The past 12 months has been changed to the past 6 months. Income from the sale of cattle in the past 6 months should be included, even if the household member who owned them died or moved away.

Section 12A, question 2. "Or own" has been added to this question.

Section 12A, question 11. "Or inherited" has been added to this question.

Section 12A, question 13. "Or disinherited" has been added to this question.

**PROBLEMS**

1. What should I do if the household owns, buys or sells a part of an animal? (Section 12A)

SOLUTION: Questions 3, 6, 9, 11, 12, and 13 do not allow you to record a fraction of an animal. If the household owns a share of an animal, you should write the number of whole animals in question 3 and then write the value of the share of the animal in question 4. For example, if the household owns half of a cow, then the answer to question 3 would be 1 and the answer to question 4 would be half the value of the cow. The same instructions apply if the household has bought or sold a share of an animal.

**SECTION 13: FISHING****CHANGES**

The reference period has been changed from 12 months to the past 6 months. Fishing income to household members in the past 6 months should be included, even if the household member in charge died or moved away.

**SECTION 14: NON-FARM SELF-EMPLOYMENT****CHANGES**

The 12-month reference period has been changed to the past 6 months, and the "since my last visit" reference period has been changed to "two weeks ago" (referring to round one). All business income to the household for the past 6 months should be included, even if the household member in charge died or moved away.

**SECTION 15: HOUSING****CHANGES**

Section 15A, Question 12A has been added to find out whether the dwelling was acquired in the past 6 months.

Section 15B, Questions 11A and 11B have been added to find out whether the household has disinherited a dwelling or building in the past 6 months, and the value of the disinherited buildings.

Section 15B, Questions 5 and 9, the reference period has been changed to 6 months.

### **SECTION 17: FOOD CONSUMPTION**

#### **CHANGES**

The only change to Section 17 is that the 12 month reference period has been changed to the 6 months, and references to "my last visit" have been changed to "two weeks ago". However, the interviewer instructions in parts A, B, and C have been changed so that you will be able to identify which months are "the last 6 months".

#### **NEW INSTRUCTIONS**

##### **Section 17A**

At the beginning of Part A, there is a list of every month of the year. You will begin by circling the month before the Wave 2 interview, and then the five months before that. For example, if your interview is in May, 1992, then you will circle April, March, February, January, December and November. In this example, these are the months you will ask about in all parts of Section 17. You will have to remind the respondent often that you are referring to the period from November until April.

In question 1B of Part A, you are asked to write a season code in the box for each of the past 6 months. You should only write codes for the six months that are circled. Leave the other 6 months blank.

##### **Sections 17B and 17C**

In question 3 of Part B and question 2 of Part C, the reference period has changed to the past 6 months. However, the months included in this period depend on the month of the interview. On each page, you should write an X above the months that are the last 6 months for these questions, and you should only record the respondent's answers for these months. In the example given above, for question 3 of Part B you would place an X in the boxes above the months of January, February, March, April, November and December.

### **SECTION 18: EXPENDITURES BY HOUSEHOLD MEMBERS**

#### **CHANGES**

All questions with 12-month reference periods have been changed to 6-month reference periods in Section 18A. This section is to be asked about all household members; it should not include expenditures for persons who died or moved away.

### **SECTION 19: REMITTANCES AND CREDIT**

#### **CHANGES**

All 12-month reference periods have been changed to 6-month reference periods.

Questions 4, 15 and 26 of Parts A and B. An instruction has been added "OR 99 IF CHILD IS DECEASED" -- to use 99 for the ID code of children who sent remittances but have since died. There is also a global skip instruction to go to questions 7, 18 and 29, respectively, from these questions.

**SECTION 20: MORTALITY****CHANGES**

The reference period for deaths has been changed from 24 months to the past 6 months (since Wave 1).

Two questions that were instructions to the interviewer -- question 29 of Section 20A and question 24 of Section 20B -- have been dropped.

If the household has disintegrated and members died, only Section 20A will be completed and the interviewer will have to find respondents in the neighborhood to help them answer the questions.

Question 3A, Section 20A has been added to record the ID CODE of the deceased household member. You must look for the ID code of the household member who has died on the buff Household Roster Card, among the members from Wave 1 who are no longer members in Wave 2. The answer to question 3A is EXTREMELY important for the researchers, since it is the only way to link the answers to Section 20A to the household members of Wave 1.

## VIII. THE WAVE 2 "AUXILIARY" QUESTIONNAIRES

### COMMUNITY QUESTIONNAIRE

The Wave 2 Community Questionnaire will be asked in all clusters of the KHDS survey. It is shorter than the Wave 1 Community Questionnaire because many questions (to which the answers are unlikely to change between Waves) have been dropped. Reference periods of 12 months or longer have all been changed to 6 months. In addition, a few questions have been changed. These changes can be summarized as follows:

- There are important new questions on migration into and out of the community since Wave 1, in Section 1 on Demographic Information.
- Information on assistance programs in Section 2 now refers to assistance received in the past 6 months.
- Information on the number of orphans in the community is collected on new orphans in the past 6 months, in Section 6.

### HEALTH FACILITY QUESTIONNAIRE

Most questions in the Health Facility Questionnaire for Wave 2 are the same as for Wave 1. However, a new section on assistance to the health facility from outside organizations has been added on page 12 of the questionnaire. There are questions on the type of assistance, the organizations that provided it, and the value of the assistance in the past 12 months (questions 2-4, Section IX). One of the organizations is the KHDS project. Any assistance that the KHDS provided to the facility during Wave 1 (for example, cement, bedding, etc.) should be recorded here.

### SCHOOL QUESTIONNAIRE

There are three major changes to the questionnaire for primary schools, both of them in Part B, to be completed by the respondent:

- Information on the number of two-parent orphans (question 2) is now collected by sex -- that is, for boys and girls separately.
- A new question 3 asks for the number of teachers at the school with different types of teaching certificates.
- New questions 4 - 6 ask about the types, sources and value of assistance received in the past 6 months from community organizations. The KHDS project is one such organization. Any assistance that the project provided to the school (cement, desks, exercise books) should be recorded in the answers to questions 4-6. You must verify that the respondent has completed this part correctly before returning to Bukoba.

### PRICE QUESTIONNAIRE

During Wave 2, two price questionnaires will be completed in each cluster at the time of the household survey. One questionnaire will be completed in the nearest market to the cluster and a second one will be completed in the nearest dukas. The items on the questionnaire are the same as in Wave 1.