RESEARCH
PROGRAM ON
Dryland Systems

# WOMEN AND CHILD DIETARY DIVERSITY - HOUSEHOLD FOOD SECURITY QUESTIONNAIRE 

| INF.ID.1) | Name interviewer |  |
| :--- | :--- | :--- |
| INF.ID.2) | Date interview (dd/mm/yyyy) |  |
| INF.ID.3) | Country |  |
| INF.ID.4) | District/Region |  |
| INF.ID.5) | Commune |  |
| INF.ID.6) | Village with ZIP/PIN code |  |
| INF.ID.7) | Name of supervisor |  |


| INF.ID.8) Hamlet relief | Top of mountain / plateau/ catchment area |
| :---: | :---: |
| INF.ID.9) household identifier (Sequential number) |  |
| INF.ID.10) Latitude ( at least 7 digits) | xx.xxxxx |
| INF.ID.11) Longitude (at least 7 digits) | xx.xxxxx |
| INF.ID.12) Altitude (in meters) |  |
| INF.ID.13) Supervisor control date |  |
|  |  |

INF.ID.14) Name of person interviewed:
INF.ID.15) Age (in years):
INF.ID.16) Relation with household head (encircle) : $\mathbf{1}=$ Wife; $\mathbf{2}=$ child; $\mathbf{3}=$ Sister; $\mathbf{4}=$ Niece/cousin; 5=grandchild; 6=Domestic worker; 66=others (indicate explicitly)
INF.ID.17) Child name:
INF.ID.18) Child sex:
INF.ID.19) Child age (in months):
INF.ID.20) Tick this box if child is between 6 and 23 months [ ]

The questionnaire will be performed with one woman per household. First ask if there is a woman present in the household that has a child between 6 and 59 months old; if yes, perform the interview with her. If there is no woman available in the household with a child between 6 and 59 months, perform the interview with the woman that usually takes care of the food preparation in the household.

In case there are more women with children between 6 and 59 months living in the household, select one of them randomly to participate in the study. Proceed identically if more than one child of the selected woman is eligible to participate in the study.

In SECTION 1 of the questionnaire, a 24 h recall is performed with the mother/woman interviewed about the foods she consumed the day before the interview, subsequently she will also respond in place of her child for a 24 h recall about the foods consumed by the child. If there is no eligible child in the household, the interviewer directly goes to section 3 of the questionnaire.

The 24 h recall will be performed in 4 steps :
Step 1 : Record a list of foods consumed the preceding day (from 0h till 24h). Fill in column (b). One can also fill in column (a) if the mother/woman already mentions the exact time when the foods were consumed
Step 2: Revise the list together with the mother/woman and probe for foods often forgotten, such as foods consumed in between major meals ;
Step 3: Collect details about the listed foods; ask for more information about the time of consumption of the foods and also about the different ingredients of composed/mixed dishes. For each single food or ingredient, ask for the source of the food/ingredient. Fill in columns (c), (d), (e) and (f) for each food/ingredient.
Step 4: Perform a final check on all foods listed and ask again if no foods or ingredients were forgotten. If something was omitted, add the foods/ingredients with all details to the table and fill in columns (c), (d), (e) and (f).
(a) ; (c) : Time of the day/ hour of meal : write down the time when the food was consumed
(b) ; (d) : Name of food or dish: write down the name of the dish or food as consumed
(e) : Ingredients : write down all ingredients of composed/mixed dishes (one per line) and fill in column (f) for each ingredient cited
(f) : Source of foods or ingredients: use codes (1 till 7) : $\mathbf{1}=$ Own production; $2=$ Bought; $\mathbf{3}=$ Borrowed, $4=$ Gift/aid from relatives, $5=$ Collection/harvest from the wild; $6=$ Food aid (Governmental, NGOs); $7=$ Others (specify)

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## SECTION I: WOMAN AND CHILD DIETARY DIVERSITY

## MOTHER/WOMAN

1. Ask the mother/woman to recall all the foods she consumed the day preceding the interview, from the time she woke up in the morning till she went to bed in the evening, including beverages and small foods consumed as snacks in between the major meals. Write in column (b) every food and dish the mother/woman consumed the preceding day.

| wom.1) Time of <br> the day/hour <br> of meal <br> (a) |  |
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2. Check (chronologically) together with the mother/woman all the foods she just mentioned and verify if she did not forget anything else. If this is the case, add the omitted foods in the table above.

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## MOTHER/WOMAN

3. For every dish or food mentioned in the table above, ask the mother indicate the time of consumption (hour), the ingredients used for preparing the mixed dishes and the source of the single foods or ingredients used for preparing the mixed dishes.

Use the table below for describing all the details about the mother's food consumption
$\left.\begin{array}{|c|c|l|l|}\hline \begin{array}{c}\text { wom.3) Time of } \\ \text { consumptio } \\ \text { n (hour) } \\ \text { (c) }\end{array} & \begin{array}{c}\text { wom.4) Name of the } \\ \text { food or dish } \\ \text { (d) }\end{array} & & \text { wom.5) Ingredients (e) }\end{array} \begin{array}{c}\text { wom.6) } \\ \text { Source } \\ \text { of foods } \\ \text { or } \\ \text { ingredie } \\ \text { nts } \\ \text { (f) }\end{array}\right]$

Source : $1=$ Own production; $2=$ bought; $3=$ borrowed, $4=\mathrm{Aid} /$ assistance of relatives, $5=$ harvest $/$ picked from the wild; 6= Food Aid (Government, NGOs); $7=$ Others (specify)

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| woM.3) Time of consumpti on (hour) <br> (c) | wom.4) Name of the food or dish <br> (d) | wom.5) Ingredients (e) | wOM.6) Soure e of foods or ingredients wOM.7)(f) |
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Source : $1=$ Own production; $2=$ bought; $3=$ borrowed, $4=$ Aid/assistance of relatives, $5=$ harvest/picked from the wild; 6= Food Aid (Government, NGOs); $7=$ Others (specify)
4. Proceed with a final check. Oversee with the mother all the information she gave and ask again if she did not forget anything, especially probe if she did not consume foods in between meals. If the mother/woman mentions other foods, add them to the list and ask for all details as in the above table.

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## CHILD

Once the recall for the mother is completed, explain the mother that you are now going to perform the same exercise, but concerning the foods her child ate yesterday. Follow the same steps as for the recall of the mother.

1. Ask the mother to recall/cite all the foods the child (mention name of child) ate the preceding day from the time the child woke up in the morning till it went to bed in the evening, including beverages and snacks consumed in between the major meals.
Mention in column (b) every food and dishes the child consumed.

| CHiL.1) Time of <br> the day/ hour <br> of meal <br> (a) |  |
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2. Check with the mother, the list of foods she recalled being consumed by her child the preceding day, verify if she did not forget to mention anything, foods the child (mention child's name) consumed during the preceding day, but she forgot to mention. If she remembers other foods being consumed by the child the preceding day, add them in the table above. You can also ask older children ( 4 to 5 years) if they did not consume any foods outside the home.

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## CHILD

3. For each food or dish mentioned in the table above, ask the mother to indicate the time of consumption, the ingredients used in the preparation of mixed dishes and the source of the single foods or ingredients used to prepare mixed dishes.

Use the table below to describe all the details about the consumption of the child.

| CHIL.3) Time of consumptio n (hour) (c) | CHIL.4) Name of the food or dish <br> (d) | CHIL.5) Ingredients <br> (e) | CHIL.6) Sour ce of foods or ingredie nts (f) |
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Source : $1=$ Own production; $2=$ bought; $3=$ borrowed, $4=$ Aid/assistance of relatives, $5=$ harvest/picked from the wild; $6=$ Food Aid (Government, NGOs); $7=$ Others (specify)

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| CHIL.3) Time of consumpti on (hour) (c) | CHIL.4) Name of the food or dish <br> (d) | CHIL.5) Ingredients <br> (e) | CHIL.6) Sourc e of foods or ingredien ts (f) |
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Source : $1=$ Own production; $2=$ bought; $3=$ borrowed, $4=\mathrm{Aid} /$ assistance of relatives, $5=$ harvest $/$ picked from the wild; $6=$ Food Aid (Government, NGOs); $7=$ Others (specify)
4. Proceed with a final check. Oversee with the mother all the information she gave for the child and ask again if she did not forget anything, especially probe if the child did not consume foods in between meals. If the mother/woman mentions other foods or ingredients, add the omitted foods/ingredients to the list and ask for all details as in the above table.
SECTION II: INFANT AND YOUNG CHILD FEEDING PRACTICES (IYCF)

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This part concerns only infants and young children between 6 and 23 months old. If the selected child does not belong to this age category, skip this part and go to the next session about household food security.
If the selected child is in between $\mathbf{6}$ to $\mathbf{2 3}$ months old, ask the following questions:
Cite the child's name when asking questions to the mother. Tick the box corresponding to the right answer in the 'Code' column.


## SECTION III : HOUSEHOLD FOOD SECURITY

For questions 7 to 9 , take the last 12 months preceding the interview as reference period. The interviewer makes a choice between the numbers corresponding to the answer of the respondent and ticks the box in the column 'Code'.

| $\mathbf{N}^{\circ}$ | Questions | Answer options | Code |
| :--- | :--- | :--- | :--- |
| HHFS.1. | 1.1 . Now I would like to ask you about your <br> household's food supply during different <br> months of the year. When responding to <br> these questions, please think back over the <br> last 12 months, from now to the same time <br> last year. <br> Were there months, in the past 12 months, in <br> which you did not have enough food to meet <br> your family's needs? | 1. Yes <br> 99. Don't know |  |
| HHFS.2. | If yes, which were the months in the past 12 months during which you did not have enough food to <br> meet your family's needs? <br> THIS INCLUDES ANY KIND OF FOOD FROM ANY SOURCE, SUCH AS OWN PRODUCTION, <br> PURCHASE OR EXCHANGE, FOOD AID, OR BORROWING. <br> DO NOT READ THE LIST OF MONTHS ALOUD. PLACE A 1 IN THE BOX IF THE RESPONDENT IDENTIFIES <br> THAT MONTH AS ONE IN WHICH THE HOUSHOLD DID NOT HAVE ENOUGH FOOD TO MEET THEIR <br> NEEDS. IF THE RESPONDENT DOES NOT IDENTIFY THAT MONTH, PLACE A O IN THE BOX. |  |  |


| Jan. | Feb. | March | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


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## READ OR EXPLAIN TO THE MOTHER/WOMAN INTERVIEWED:

"For each of the following questions, think about what happened over the past 4 weeks ( 30 days). Please answer if this has "ever" happened yes or no,

If No, go to the next main question; if yes, answer the subquestion X. 2 if this happened «rarely » (only one or two times over the past month),« sometimes» (every now and then during the past month) or "often" (almost every day).

The questions relate to any member of the household.
The interviewer makes a choice between the numbers corresponding to the answer of the respondent and ticks the box in the column 'Code'.

| $\mathbf{N}^{\circ}$ | Questions | Answer options | Code |
| :--- | :--- | :--- | :--- |
| HHFS.4. | HHFS.4.1. Over the past 4 <br> weeks, did you or someone <br> else in your household worry <br> that your household would <br> not have enough food ? | 0. No <br> 1. Yes | $\rightarrow \rightarrow \mathrm{Q} 5.1$ |


| HHFS. 6. | HHFS.6.1. Over the past 4 weeks, did you or any household member have to eat a limited variety of foods due to a lack of resources? | 0. No 1. Yes $\quad \rightarrow \rightarrow$ Q7.1 | $\begin{aligned} & 0 / \_1 \\ & 1 / \_1 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
|  | HHFS.6.2. If yes, "how often did this happen over the past 4 weeks?" | 1. Rarely (1-2 times) <br> 2. Sometimes (3 to 10 times) <br> 3. Often (more than 10 times) <br> 77. Not applicable | $\begin{aligned} & \hline 1 / \_! \\ & 2 / \_1 \\ & 3 / \_1 \\ & 77 / \ldots \\ & \hline \end{aligned}$ |
| HHFS. 7. | HHFS8.1. Over the past 4 weeks, did you or any household member have to eat some foods that you really did not want to eat because of a lack of resources to obtain other types of food? | 0. No 1. Yes $\quad \rightarrow \rightarrow \mathrm{Q} 8.1$ | $\begin{aligned} & \hline 0 / \_1 \\ & 1 / \_1 \end{aligned}$ |
|  | HHFss.2. If yes, "how often did this happen over the past 4 weeks?" | 1. Rarely (1-2 times) <br> 2. Sometimes (3 to 10 times) <br> 3. Often (more than 10 times) <br> 77. Not applicable | $\begin{aligned} & \hline 1 / \_! \\ & 2 / \_1 \\ & 3 / \_1 \\ & 77 / \ldots \\ & \hline \end{aligned}$ |
| HHFS. 8 . | HHFS8.1. Over the past 4 weeks, did you or any household member have to eat a smaller meal than you felt you needed because there was not enough food? | 0. No 1. Yes $\quad \rightarrow \rightarrow$ Q9.1 | $\begin{array}{\|l\|l} \hline 0 / \_1 \\ 1 / \_1 \end{array}$ |
|  | HHFS8.2. If yes, "how often did this happen over the past 4 weeks?" | 1. Rarely (1-2 times) <br> 2. Sometimes (3 to 10 times) <br> 3. Often (more than 10 times) <br> 77. Not applicable | $\begin{array}{\|l\|} \hline 1 / \_! \\ 2 / \_! \\ 3 / \_1 \\ 77 / 1 \\ \hline \end{array}$ |
| HHFS.9. | HHFS.9.1. Over the past 4 weeks, did you or any household member have to eat fewer meals in a day because there was not enough food? | 0. No 1. Yes $\quad \rightarrow$ Q10.1 | $\begin{aligned} & 01 \_1 \\ & 1 / \_1 \end{aligned}$ |
|  | HHFS.9.2. If yes, "how often did this happen over the past 4 weeks?" | 1. Rarely (1-2 times) <br> 2. Sometimes ( 3 to 10 times) <br> 3. Often (more than 10 times) <br> 77. Not applicable | $\begin{array}{\|l} \hline 1 / \_! \\ 2 / \_1 \\ 3 / \_1 \\ 77 / 1 \\ \hline \end{array}$ |
| HHFS. 10. | HHFS.10.1. Over the past 4 weeks, was there ever no food to eat of any kind in your household because of lack of resources to get food? | 0. No 1. Yes $\quad \rightarrow$ Q11.1 | $\begin{aligned} & 0 / \_1 \\ & 1 / \_1 \end{aligned}$ |
|  | HHFs.10.2. If yes, "how often did this happen over the past 4 weeks?" | 1. Rarely (1-2 times) <br> 2. Sometimes (3 to 10 times) <br> 3. Often (more than 10 times) | $\begin{aligned} & \hline 1 / \_1 \\ & 2 / \_1 \\ & 3 / \_1 \end{aligned}$ |


|  |  | 77. Not applicable | 77 /__/ |
| :---: | :---: | :---: | :---: |
| HHFS.11. | HHFS.11.1. Over the past 4 weeks, did you or any household member go to sleep at night hungry because there was not enough food? | 0. No 1. Yes $\quad \rightarrow \rightarrow$ Q12.1 | $\begin{aligned} & 0 / \_1 \\ & 1 / \_/ \end{aligned}$ |
|  | HHFS.11.2. If yes, "how often did this happen over the past 4 weeks?" | 1. Rarely (1-2 times) <br> 2. Sometimes (3 to 10 times) <br> 3. Often (more than 10 times) <br> 77. Not applicable | $\begin{aligned} & \hline 1 / \_! \\ & 2 / \_! \\ & 3 / \_/ \\ & 77 / 1 \\ & \hline \end{aligned}$ |
| HHFS. 12. | HHFS.12.1. Over the past 4 weeks, did you or any household member go a whole day and night without eating anything because there was not enough food? | $\begin{aligned} & \hline \text { 0. No } \\ & \text { 1. Yes } \end{aligned}$ | $\begin{aligned} & 0 / \_1 \\ & 1 / \_1 \end{aligned}$ |
|  | HHFS.12.2. If yes, "how often did this happen over the past 4 weeks?" | 1. Rarely (1-2 times) <br> 2. Sometimes ( 3 to 10 times) <br> 3. Often (more than 10 times) <br> 77. Not applicable | $\begin{aligned} & \hline 1 / \ldots! \\ & 2 / \_! \\ & 3 / \ldots 1 \\ & 77 / \ldots \\ & \hline \end{aligned}$ |

## RISK.1. Risk attitudes

RISK.1.1. How would you describe yourself (choose only one)
RISK.2.1. I adopt a new crop, even if nobody else has done it._()
RISK.2.2. I adopt a new crop, if I have seen others taken before me (_)
RISK.2.3 I never adopt a new crop, even if I have seen others doing.(_)

RISK.1.2. Which of the statements below best describes your attitude toward risk (choose only one)

RISK.2.1. One should be extremely careful about making changes in life (L)
RISK.2.2. Caution is more important than risk-taking in order to be successful (L)
RISK.2.3. Risk-taking is more important than caution in order to be successful (_)
RISK.2.4. You will never achieve anything in life unless you act boldly and take risks $\qquad$

Thank the mother/woman for her kind participation in the study, her availability and time.

Observations from the interviewer (if any) : $\qquad$
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