GHANA LIVING STANDARDS SURVEY
(WITH AN INCOME, CONSUMPTION AND EXPENDITURE MODULE)
(GLSS 3)

* * *

COMMUNITY QUESTIONNAIRE

1991 - 1992

REGION: _______________  DISTRICT: _______________

NAME OF COMMUNITY: _____________________________________  E.A. ________

DOES THIS E.A. INCLUDE MORE THAN ONE COMMUNITY?  YES.......1  NO.......2  DATE: ____________

IF YES, LIST THE HOUSEHOLDS IN THIS COMMUNITY:

SUPERVISOR: ___________________  CODE: __________

TIME BEGUN: ___________  TIME COMPLETED: ___________
# LIST OF PEOPLE INTERVIEWED

<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE AND OCCUPATION</th>
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</tbody>
</table>
SECTION 1: DEMOGRAPHIC INFORMATION

1. Number of people living in the community?  
   1984 POPULATION FIGURE:

2. What are the principal ethnic groups represented in this community?
   
   LIST IN ORDER OF IMPORTANCE
   
   Akan .........................1
   Ewe .............................2
   Ga-Adangbe .................3
   Dagbani .......................4
   Hausa ..........................5
   Nzema ...........................6
   Gonja ............................7
   Mamprusi ......................8
   Guan .............................9
   Kassena/Nankani .........10
   Konkomba .................11
   Nanumba .....................12
   Bulsa .........................13
   Other .........................14
   (specify)

3. What are the major religions practiced by the residents of this community, in order of importance?
   
   Catholic .....................01
   Anglican ......................02
   Presbyterian ...............03
   Methodist .....................04
   Pentecostal ..................05
   Spiritualist ..................06
   Other X’tians ...............07
   Islamic .......................08
   Traditionalist ..............09
   No religion ....................10
   Other .........................11
   (specify)
4. Since 1981 (that is, ten years ago), have more people moved to your community, or have there been more people that moved away?

   More arrivals ...........................................1
   More departures ......................................2
   About the same or both ...........................3
   Neither arrivals nor departures ...............4

5. For about how many years has this community existed?

   YEARS:
1. What are the major economy activities of the people of this community?

   LIST IN ORDER OF IMPORTANCE
   
   Farming ......................1
   Fishing ........................2
   Trading ........................3
   Handicraft ....................4
   Salt “winning” ................5
   Mining ..........................6
   Sand winning ..................7
   Quarrying ......................8
   Other ............................9
   (specify)

2. Do you think that life for the people in this community is better or worse than it was in 1981 (ten years ago)?

   Better ....................1
   Worse ....................2
   No change .............3

3. Why? WRITE THE FOUR MAJOR RESPONSES

   (a) __________________________________________________________
   □ 1st

   (b) __________________________________________________________
   □ 2nd

   (c) __________________________________________________________
   □ 3rd

   (d) __________________________________________________________
   □ 4th

4. Does a motorable road pass by this community?

   YES .................1 (» 6)
   NO .................2

5. How far from this village is there a motorable road?

   KILOMETERS:
6. Is the road that comes to (or pass by) this community impassable during certain times of the year?

   YES ............1
   NO ............2  (» 8)

7. For how long is the route usually impassable during the year?

   NUMBER OF MONTHS:

8. Do any households in this community have electricity or generators?

   YES ..........1
   NO ............2  (» 10)

9. Do most households have electricity, or only a few?

   Most households .......1
   Only a few .................2

10. Do any households in this village have pipe-borne water?

    YES ............1
    NO ..............2  (» 12)

11. Do most households have pipe-borne water, or only a few?

    Most households..............1
    Only a few .................2

12. What is the major source of drinking water for most people in this community during the dry season?

    Private tap ..............................1
    Public tap ..................................2
    Well without pump ......................3
    Well with pump ...........................4
    Spring, river, lake, rain water ........5
    Other ..........................................6

    (specify)
13. And during the rainy season?

- Private tap ........................................1
- Public tap ........................................2
- Well without pump ............................3
- Well with pump ................................4
- Spring, river, lake, rain water ..........5
- Other................................................6
  (specify)

14. Is there a drinking bar, restaurant, or chop bar in this community?

- YES ................1
- NO ...............2

15. Is there a post office or public telephone in this community?

- YES .............1 (« 17)
- NO .............2

16. How far away is the nearest post office or public telephone?

  KILOMETERS:

17. Is there a bank in this community?

- YES .............1 (« 19)
- NO .............2

18. How far away is the nearest bank?

  KILOMETERS:

19. Is there a permanent (daily) market in this community?

- YES .............1 (« 23)
- NO .............2

20. Is there a periodic market in this community?

- YES .............1
- NO .............2 (« 22)
21. How often is this market?

TIME UNIT CODES:  
- Week ..........1
- Month ...........2
- Quarter ..........3
- Half-year .........4
- Year ..............5
- Other ..............6

(specify)

PER TIME UNIT :

» 23

22. How far away is the nearest periodic or daily market?

KILOMETERS:

23. Does public transport pass by this community?

YES ..........1
NO ..........2 ( » 25 )

24. What is the major means of public transport?

- Bus (OSA, TATA, etc.) ...............01
- Mummy Truck ................................02
- Car (Taxi, private) ......................03
- Motorbike ................................04
- Bicycle ..................................05
- Canoe /Ferry / Boat ......................06
- Animal driven (Horse / Donkey) ...07
- Train .....................................08
- Tractor ..................................09
- Other ....................................10

» 26

25. How far away must you go to catch public transport?

» 27

KILOMETERS:
26. How often does public transport pass by this community?

**TIME UNIT CODES:**
- Day .....................1
- Week ....................2
- Month ...................3
- Quarter ..................4
- Half year ...............5
- Year .....................6
- Other .....................7
  (specify)

**NUMBER OF TIMES:**

**PER TIME UNIT:**

27. Do any of the people in this community leave temporarily during certain times of the year to look for work elsewhere?

- YES ..............1
- NO ...............2 ( » 32)

28. Where do most of them go? (NOTE THE NAME OF THE PLACE AND COUNTRY AND WHETHER IT’S A VILLAGE, TOWN, ETC.)

- Village in Ghana .............1
- Town in Ghana ..............2
- Abroad ...........................3

29. What type of work do they look for during these times of the year?

- Self-employment (Agric.) .......1
- Self-employment (Non-agric.) ...2
- Employment (Private) .............3
- Employment (Government) ......4
- Other .................................5
  (specify)

30. How long do they work away from the community before returning?

**TIME UNIT CODES:**
- Day .....................1
- Week ....................2
- Month ...................3
- Year .....................4
- Other .....................5
  (specify)

**NUMBER:**

**TIME UNIT:**
31. What ages are most of the people who find seasonal work outside the community?

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Number</th>
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<tbody>
<tr>
<td>Under 10</td>
<td>1</td>
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<td>10 - 14</td>
<td>2</td>
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<td>15 - 19</td>
<td>3</td>
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<td>20 - 24</td>
<td>4</td>
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<td>25 - 29</td>
<td>5</td>
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<td>30 - 34</td>
<td>6</td>
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<tr>
<td>35 and Above</td>
<td>7</td>
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</tbody>
</table>

32. Do any people come to this community temporarily during certain times of the year to look for work?

<table>
<thead>
<tr>
<th>Response</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>No</td>
<td>2</td>
</tr>
</tbody>
</table>

33. Where do most of them come from? (NOTE THE NAME OF THE PLACE, COUNTRY, AND WHETHER IT IS A VILLAGE, TOWN, ETC.)

<table>
<thead>
<tr>
<th>Location</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>Village in Ghana</td>
<td>1</td>
</tr>
<tr>
<td>Town in Ghana</td>
<td>2</td>
</tr>
<tr>
<td>Abroad</td>
<td>3</td>
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</tbody>
</table>

34. What two major types of work do they do in this community?

<table>
<thead>
<tr>
<th>Work Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Farming</td>
<td>1</td>
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<tr>
<td>Fishing</td>
<td>2</td>
</tr>
<tr>
<td>Trading</td>
<td>3</td>
</tr>
<tr>
<td>Handicraft</td>
<td>4</td>
</tr>
<tr>
<td>Salt “winning”</td>
<td>5</td>
</tr>
<tr>
<td>Mining</td>
<td>6</td>
</tr>
<tr>
<td>Sand winning</td>
<td>7</td>
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<tr>
<td>Quarrying</td>
<td>8</td>
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<tr>
<td>Other</td>
<td>9</td>
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</tbody>
</table>

35. How long do they work in this community before leaving?

<table>
<thead>
<tr>
<th>Time Unit Codes</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>Day</td>
<td>1</td>
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<tr>
<td>Week</td>
<td>2</td>
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<tr>
<td>Month</td>
<td>3</td>
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<tr>
<td>Year</td>
<td>4</td>
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<tr>
<td>Other</td>
<td>5</td>
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</tbody>
</table>

TIME UNIT CODES: Day ............1  NUMBER : 
Week ............2  TIME UNIT :
Month ............3
Year ............4
Other ............5
(specify)
36. What ages are the people who come here to do seasonal work?

Under 10 - ................1
10 - 14 ................2
15 - 19 ................3
20 - 24 ................4
25 - 29 ................5
30 - 34 ................6
35 and Above ...............7

37. Is it easier or more difficult to find work in this community now than in 1981 (ten years ago)?

Easier ......................1
More difficult ........2
No change ..............3

38. What three major community development projects exist in this community?

Construction of School building .......................1
Construction/maintenance of Health facility ..........2
Provision of Drinking water ............................3
Construction of Public place of Convenience ......4
Construction of Community Centre ....................5
Construction of Community Farm .....................6
Construction of Community Market or
Chief’s palace or Cocoa shed or Canoe ..........7
Construction/maintenance of Roads .................8
Other .........................................................9

(specify)
**SECTION 3: EDUCATION**

1. Is there a primary school in this community?
   - YES ..........1 (» 3 )
   - NO ..........2

2. How far away is the nearest primary school to this community?
   - KILOMETERS:

<table>
<thead>
<tr>
<th>FOR ALL OF THE SCHOOLS ASK:</th>
<th>SCHOOL 1</th>
<th>SCHOOL 2</th>
<th>SCHOOL 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. What is the name of the school?</td>
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<tr>
<td>NAME:</td>
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<td>4. Is it public or private?</td>
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<tr>
<td>PUBLIC ......1</td>
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<tr>
<td>PRIVATE .....2</td>
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<td>5. Is it boys only, girls only, or</td>
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<td>mixed?</td>
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<tr>
<td>BOYS ONLY ........1</td>
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<tr>
<td>GIRLS ONLY ........2</td>
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<td>MIXED ...................3</td>
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<td>6. How many classes are there?</td>
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<td>7. In what year was this school</td>
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<td>established?</td>
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</table>

8. About what proportion of the boys of primary school age are enrolled?
   That is, is it ............
   - Almost all of the boys .................1
   - More than half, but not all ............2
   - Half of the boys .......................3
   - Less than half ........................4
   - Only a few boys .......................5
   - None .....................................6
9. About what proportion of the girls of primary school age are enrolled?
   That is, is it ............
   
   Almost all of the girls ................1
   More than half, but not all ..........2
   Half of the girls .......................3
   Less than half ..........................4
   Only a few girls .......................5
   None ......................................6

10. What are the three main reasons why children in this village are not attending primary school?

   Inability of Parents to fund child’s Education ..........1
   Lack of Parental Interest .................................2
   Lack of interest in schooling by children .................3
   School too far away ......................................4
   Inadequate schools/classrooms .........................5
   Dangers faced by children on their way to school (e.g. getting drowned in rivers). ...............6
   Children are used for work .............................7
   Other ................................................................8
       (specify)

11. Is there a junior secondary school in this community?

    YES .......1 ( » 13 )
    NO ..........2

12. How far away is the nearest junior secondary school from this community?

    KILOMETERS: 

13. NAME OF THE JUNIOR SECONDARY SCHOOL:

    __________________________________________

14. LOCATION OF SCHOOL:

    __________________________________________
    In this community ..........1
    Other community ..........2

15. Is it public or private?

    Public ............1
    Private ..........2
16. Is it boys only, girls only or mixed?

Boys only ............1
Girls only ............2
Mixed .................3

17. How many forms does it have?

FORMS:

18. In what year was it established?


19. About what proportion of the children of junior secondary school age are enrolled? That is, is it ............

Almost all of the children ............1
More than half, but not all ............2
Half of the children .....................3
Less than half ............................4
Only a few children ....................5
None .......................................6

20. Is there a senior secondary or technical school in this community?

YES ............1 (» 22 )
NO ............2

21. How far away is the nearest senior secondary or technical school to this village?

KILOMETERS:

22. NAME OF THE SECONDARY/TECHNICAL SCHOOL: __________________________________________

23. LOCATION:

In this community ............1
Other community ............2
24. Is the school public or private?

| Public .................1 | Private. ...............2 |

25. Is it boys only, girls only or mixed?

| Boys only ............1 | Girls only ............2 | Mixed .................3 |

26. How many forms does it have?

| FORMS: |

27. In what year was it established?

| |

28. About what proportion of the children of senior secondary or technical school age are enrolled? That is, is it ............

| Almost all of the children .................1 | More than half, but not all .................2 | Half of the children .....................3 | Less than half ..................................4 | Only a few children ...........................5 | None ..................................................6 |

29. Is there, or has there been, an adult literacy program in this community?

| YES ............1 | NO ............2 ( » 32) |

30. In what year was this program launched?

| |

31. How many people attend these classes at present?

| MEN: | WOMEN: | TOTAL: |
32. What are the four most serious schooling problems from the point of view of the people of this community?

**LIST IN ORDER OF IMPORTANCE**

1. Lack of school building
2. Insufficient furniture
3. Lack of qualified teachers
4. High cost of school fees
5. Lack of text books / stationery
6. Lack of accommodation for teachers
7. Other (specify)

[ ] 1st
[ ] 2nd
[ ] 3rd
[ ] 4th
### SECTION 4: HEALTH

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<tbody>
<tr>
<td>1. Is there a ................. in this community?</td>
<td>2. How far from here is the nearest ...............?</td>
<td>4. How long does it take to get there?</td>
</tr>
<tr>
<td>YES ......1 ( » NEXT ITEM)</td>
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<td>( » NEXT ITEM)</td>
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<tr>
<td>NO ......2 ( » 2)</td>
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<thead>
<tr>
<th>CODE</th>
<th>KILOMETERS</th>
<th>PLACE</th>
<th>HRS</th>
<th>MIN</th>
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<tbody>
<tr>
<td>a. Doctor?</td>
<td>01</td>
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<tr>
<td>b. Nurse?</td>
<td>02</td>
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<tr>
<td>c. Pharmacist?</td>
<td>03</td>
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<tr>
<td>d. Trained midwife?</td>
<td>04</td>
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<tr>
<td>e. Family planning worker?</td>
<td>05</td>
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<tr>
<td>f. Community Health Worker?</td>
<td>06</td>
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<tr>
<td>g. Traditional birth attendant?</td>
<td>07</td>
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<td>h. Traditional Healer?</td>
<td>08</td>
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<tr>
<td>i. Medical Assistant?</td>
<td>09</td>
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</tbody>
</table>
5. Is there a ................. in this community?
   YES ........1 ( » 9 )
   NO ........2 ( » 6 )

6. How far from here is the nearest ........?

7. Where is the nearest ........ located?

8. How long does it take to get there?

9. What year was this ........ celebrated?
   YES ........1
   NO ........2

10. Does the ........ have a dispensary?

<table>
<thead>
<tr>
<th>CODE</th>
<th>KILOMETERS</th>
<th>PLACE</th>
<th>HRS</th>
<th>MIN</th>
<th>YEAR</th>
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a. Hospital? 10

b. Drugstore/ Chemical store? 11

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</table>

c. Pharmacy? 12

<p>| | | | | | |</p>
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</table>

d. Maternity home? 13

e. Clinic or Health Post? 14

f. Family planning clinic? 15

11. Are there any other health services or personnel in this community that I did not cite?
   YES ........1 ➔ specify: ____________________________
   NO ........2

12. What are the four major health problems in this community?

**LIST IN ORDER OF IMPORTANCE**

- Malaria .................................................01
- Hernia ..................................................02
- Guinea-worm ..........................................03
- Bilharzia ...............................................04
- Measles ...............................................05
- Cholera ................................................06
- Elephantiasis .......................................07
- Cerebro Spinal Meningitis (CSM) ... ....08
- Goiter ..................................................09
- Burili Ulcer ........................................10
- River Blindness / Oncho ..............11
- Other ......................................................12

(specify)
13. What are the four major problems with health services for the people of this community?

Lack of Health facilities .....................................1
Lack of qualified Health personnel ....................2
Inability to pay for Health services .................3
Health centre too far ...........................................4
Lack of medicine and medical supplies ............5
Lack of accommodation for Health personnel ...6
Inadequate facilities .........................................7
Other ..........................................................8

(specify)

14. Where do most of the women in this community give birth?

Their homes ..................................................1
Traditional Birth Attendant (TBA) .............2
Maternity home ..........................................3
Hospital/Clinic/Health Post, etc...........4
Other ..........................................................5

(specify)

15. Has there been an immunisation campaign in this community in the last five years?

YES ..........1
NO ............2

16. Has there been an anti-malaria campaign in this community within the last five years?

YES ..........1
NO ............2
### SECTION 5: AGRICULTURE

1. What are the major crops grown by the people of this community?
   - **LIST IN ORDER OF IMPORTANCE**
   - **USE CROP CODES IN SECTION 8 OF PART B OF MAIN QUESTIONNAIRE.**

2. How many times per year is ............. planted in general?
   - ONCE .............1
   - TWICE .............2
   - TREE CROP ..3

3. During which month(s) is it mainly planted?
   - **(FOR TREE CROPS ASK HARVEST ONLY)**
   - JAN ....1
   - FEB ....2
   - MAR ..3
   - APR ....4
   - MAY ..5
   - JUN ....6
   - JUL ......7
   - AUG .....8
   - SEP ......9
   - OCT ...10
   - NOV ...11
   - DEC ....12

4. How is the harvest of ............. generally sold? Is it .............
   - At the local market? .............1
   - At the market of another place? .............2
   - To private transporters? .............3
   - To public agencies? .............4
   - To a cooperative? .............5
   - Other? .............6 (specify)

<table>
<thead>
<tr>
<th>CROP NAME</th>
<th>CODE</th>
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<tbody>
<tr>
<td>a.</td>
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<td>i.</td>
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</tbody>
</table>
5. Is there an agricultural extension centre in this community?

   YES ..........1 ( » 7 )
   NO ..........2

6. How far away is there an agricultural extension centre?

   KILOMETERS:

7. Does an agricultural extension officer or agent visit the farmers of this community?

   YES ...........1
   NO .............2 ( » 10)

8. What agency(ies) are they from?

   Ministry of Food and Agriculture .........................1
   NGO (Local) ......................................................2
   NGO (Foreign) ..................................................3
   Agricultural Cooperatives ......................................4
   Other ..............................................................5
   (specify)

9. What four main services do they provide?

   Extension services on:
   Use of seeds .....................................................1
   Use of fertilizer ..................................................2
   Mechanization ....................................................3
   Credit facilities ..................................................4
   Irrigation ..........................................................5
   Animal husbandry ...............................................6
   Use of chemicals (Herbicides, Weedicides, Insecticides, Spraying, etc.) .....................7
   Post harvest services (eg. marketing, storage) ..8
   Other ...............................................................9
   (specify)

10. Is there a cooperative in this community?

    YES ............1
    NO .............2 ( » 12)
11. What is its name and what three major services does it provide? NAME: [Blank]

- Provision of employment .................................................1
- Provision of credit facilities .............................................2
- Provision of Agricultural equipment.............................3
- Provision of Agric. inputs (seeds, fertilizer, etc.).........4
- Marketing .........................................................................5
- Records/Book-keeping .....................................................6
- Provision of communal labour ......................................7
- Other ..................................................................................8

(specify)

[Blank]

12. Do any of the farmers in this community participate in an agricultural cooperative?

- YES ........1
- NO ............2

13. How many tractors are there in this community?

NUMBER: [Blank]

14. Is there a rice-husking machine in this community?

- YES ........1
- NO ............2

15. Do any of the farmers in this community use chemical fertilizer?

- YES ........1
- NO ............2

16. Do any farmers in this community use insecticides or herbicides?

- YES ........1
- NO ............2

17. Are there any irrigated fields in this community?

- YES ........1
- NO ............2
18. During the past 12 months (since .........) have you received more or less rain than during the 12 months before?

More ......................1
Less ......................2
No change ..............3

19. Do the people in this community buy and sell land?

YES ...........1
NO ............2

20. Are there any sharecroppers in this community?

YES ............1
NO ...........2 ( » 22)

21. What would be the proportion of sharecroppers?

Most Farmers ..........1
Half .....................2
Less than half ..........3
Only a few people ......4

22. How much money does an agricultural labourer earn for a day’s work?

<table>
<thead>
<tr>
<th>CLEARING</th>
<th>PLANTING</th>
<th>HARVESTING</th>
<th>OTHER</th>
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<tr>
<td>AMOUNT FOR A WOMAN:</td>
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<tr>
<td>AMOUNT FOR A CHILD:</td>
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</table>

23. Is there a system of mutual aid among the farmers of this community for fieldwork?

YES ............1
NO ............2
24. How are land plots usually measured in this community?

- Rope ....................................1
- Pole .....................................2
- Chain ..................................3
- Acre ....................................4
- Other ...................................5
  (specify)

25. What are the dimensions of this measurement?

  LENGTH: □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□■