

# CBMS Database / Repository Information Sheet

## KENYA

6

**Project Title:** Local Poverty Monitoring System (LPMS) for Tana River District, Kenya

### Administrative Information:

Project Leader: Dr. Mary Amuyunzu-Nyamongo  
 Address: African Institute for Health & Development  
 P.O. BOX 45259, 00100, NAIROBI.  
 E-mail: [info@ahdint.org](mailto:info@ahdint.org)

### I. Project Abstract

Although the government of Kenya conducts regular welfare monitoring surveys, the macro-level analysis camouflages wide regional variations. Even at the provincial level, there are differences in poverty that are based on district, location and sub-location level specific conditions. These differences can be explained in terms of the general multidimensional nature of poverty. In Tana River district factors such as drought, changes in climatic conditions, changing livelihoods and ethnic conflicts have contributed to high poverty levels. Ethnic conflict in the district can be traced back to pre-independence days, and continues to contribute to low socio-economic development. It is against this background that the current study sought to pilot a local poverty monitoring system (LPMS) in selected sub-locations in Tana River district.

### II. Project objectives

**The proposed objectives of the CBMS – Kenya are as follows:**

The main objective of this study was to establish a LPMS for Tana River district. The LPMS was piloted in three sub-locations namely: Laini, Tarasaa and Walesorrhea. Specifically the study aimed at

- determining the local specific causes of poverty in Tana River district;
- establishing the relationship between drought and ethnic conflict on poverty in the district;
- determining the effects of poverty on the ability of households to access social services such as health, education, safe drinking water and wealth creation opportunities;
- establishing a process through which communities characterise and identify the poorest among them for support;
- assessing the poverty reduction initiatives already in place and their long-term viability; and
- assessing the capacity of the communities to implement a LPMS.

### III. Database information sheet

<b>Pilot area(s):</b> Source of data	Tana River District (Laini sub-location in Galole division and Walesorrhea sub-location in Bura division)
<b>Reference year for which the data was taken:</b>	2008
<b>Database information :</b> Number of observation:	2766 Households
Number of variables:	307 variables (Household)
Format:	SPSS
Software used to store/retrieve information from the database:	SPSS

#### IV. List of Indicators/Variables

<b>VARIABLES</b>		<b>INDICATORS</b>	
a	Health	1	Proportion of under five children's deaths
		2	Proportion of women deaths due to pregnancy related causes
		3	Proportion of households that accessing health services including FP, when required
		4	Proportion of household members who have been sick in the last two weeks (prior to the date of data collection)
		5	Proportion of households with members suffering from preventable conditions e.g. malaria and diarrhea
		6	Proportion of households with members with disabilities
b.	Nutrition	7	Proportions of households with children 0-5 years old who are malnourished
		8	Proportion of households who had at least 3 balanced meals a day in the last one month
c.	Family size and type	9	Proportion of dependants in households
		10	Proportion of polygamous families
		11	Proportion of female-headed households
d	Shelter/housing	12	Proportion of households living in makeshift housing
		13	Proportion of households who are squatters
e	Water and sanitation	14	Proportion of households with access to potable water supply
		15	Proportion of households with access to sanitary toilet facilities
		16	Average distance covered by women in search of water
f	Basic education	17	Proportion of children aged 6-12 years old who are not in elementary school
		18	Proportion of children aged 13-16 years old who are not in secondary school
		19	Proportion of youth aged 15-24 years who are not literate
g	Income proxies	20	Proportion of households that experienced food shortage in the last 3 months
		21	Proportion of households with livestock
		22	Proportion of households with farm land
		23	Proportion of households that lost farm produce in the last 12 months
		24	Proportion of households that lost livestock in the last 12 months

		25	Proportion of households that receive remittances
h	Employment	26	Proportion of persons who are employed
		27	Proportion of youth aged 15-24 years who are engaged in income generating activities
i	Peace and order	28	Proportion of households with persons who experienced conflict in the last 12 months
j	Gender equity	29	Proportion of women who experienced gender violence in the last 12 months
		30	Proportion of women with access and control of land and other resources
		31	Proportion of women who can bargain for safe sex
		32	Proportion of women with power to decide family size
k	Political participation	33	Proportion of households who have eligible members to vote and who voted in the last general election

## V. Questionnaires

### CBMS FORM 1

#### LOCAL POVERTY MONITORING SYSTEM HOUSEHOLD QUESTIONNAIRE

##### INFORMED CONSENT FORM

My name is \_\_\_\_\_. I am a representative of the African Institute for Health and Development (AIHD). We are conducting a welfare household census, and we are interviewing all people who have been affected by poverty directly or indirectly. I would like to talk with you and ask you some questions. All the information provided will be kept strictly confidential and will only be used for the purpose of this study. Your participation will be highly appreciated. You are free to stop the interview at any time.

Do you have any questions? Do I have your permission to continue?

Yes 1 (**Continue with interview**)

No 2 (**End the interview**)

##### A. ADDRESS

1. Province	
2. District	
3. Division	
4. Location	
5. Sub-location	
6. Household number	

**B. FAMILY HEAD CHARACTERISTICS**

7. Ethnic group of household head	
8. Marital status	Code: 1) Single 2) Married 3) Divorced 4) Widow/widower 5) Separated 6) Cohabiting (come-we-stay)
9. Main occupation	Codes: 1) Employed(salary) 2) Casual worker (kibarua) 3) Unemployed 4) Self-employed

**C. EDUCATION**

10	10a.	10b.	10c.	10d.	10e.	10f.	10g
	Status in family	Gender 1) Male 2) Female	Age	Literate 1) Yes 2) No	Attending school 1) Yes 2) No	Working 1) Yes 2) No	Highest education 1) No education 2) Pre-primary 3) Not finished primary 4) Finished primary 5) Finished secondary 6) Not finished secondary 7) Finished college 8) Finished university
1	Head						
2	Spouse						
3	Spouse						
4	Spouse						
5	Spouse						
6	Child						
7	Child						
8	Child						
9	Child						
10	Child						
11	Child						
12	Child						
13	Child						
14	Child						
15	Child						
16	Child						
17	Child						
18	Child						
19	Child						

**D. SOURCES OF INCOME PART A.**

<b>ENTREPRENEURIAL ACTIVITIES</b>		<b>NET INCOME</b>	
During the past twelve months, did you or any member of your household engage in any of the following entrepreneurial activities to earn income or profit?	<b>Codes:</b> <b>1. Yes</b> <b>2. No</b>	What was the total net value of income from these activities in the past 12 months in Kshs?	
11. Crop farming such as growing of water melons, bananas, mangoes, cowpeas, rice, etc		<b>a) In cash</b>	<b>b) In kind</b>
12. Livestock and poultry raising such as cattle, camels, sheep, goats, donkeys, chicken, etc			
13. Fishing activities such fish farming, fish drying, etc			
14. Forestry and hunting activities such as tree planting, firewood gathering, charcoal burning or hunting of wild animals and birds, etc.			
15. Wholesale and retail trade e.g. market vending, hawking, etc.			
16. Manufacturing activities such as mat weaving, tailoring, dress making, etc.			
17. Community, social and personal services such as medical and dental practice, operation of schools, restaurants, hotels, etc.			
18. Transportation, storage and communication services such as operation of boda bodas, simu ya jamii, storage and warehousing activities, etc			
19. Mining and quarrying activities such as gravel, stone and sand quarrying, etc.			
20. Construction like repair of houses, building, etc.			
21. Activities not elsewhere classified.			
<b>22. TOTAL NET INCOME FROM ENTREPRENEURIAL ACTIVITIES</b>		<b>22a. Add net income from 11a. to 21a.</b>	<b>22b. Add net income from 11b. to 21b.</b>

**SOURCES OF INCOME PART B**

<b>SALARIES AND WAGES FROM EMPLOYED MEMBERS</b>		
23. During the past 12 months, how much was the gross salaries and wages earned by employed members of your household?	<b>GROSS SALARY</b>	
	<b>a) In cash</b>	<b>b) In kind</b>
Name of employed member		
1 _____		
2 _____		
3 _____		
4 _____		
<b>TOTAL SALARIES AND WAGES</b>	<b>23a.</b>	<b>23b.</b>
<b>OTHER SOURCES OF INCOME PART 3.</b>		
During the past twelve months, how much did you or any member of your household receive from the following?	<b>INCOME</b>	
	<b>a) In cash</b>	<b>b) In kind</b>
24. Net proceeds from crops, fruits and vegetables produced or livestock and poultry raised by other household members		
25. Remittances from relatives working abroad		
26. Other cash receipts, gifts, support, relief and other income from abroad including pensions, retirement, workmen's compensation, dividends from investments, etc		
27. Rentals received from non-agricultural lands, buildings, spaces and other properties		
28. Interest from bank deposits, interest from loans extended to other families		
29. Pension and retirement, workmen's compensation and social security benefits		
30. Dividends from investments		
31. Other sources of income not elsewhere classified		
<b>32. TOTAL INCOME FROM OTHER SOURCES OF INCOME</b>	<b>32a. Add income from 24a to 31a.</b>	<b>32b. Add the income from 24b to 31b</b>
<b>33. TOTAL INCOME IN CASH &amp; IN KIND</b>	<b>33a=22a+23a+32a</b>	<b>33b=22b+23b+32b</b>
<b>34. TOTAL HOUSEHOLD INCOME</b>	<b>34=33a+33b</b>	

**E. AGRICULTURE**

**If answer to Q. 11 is Yes, ask questions 35 to 40 if answer is No go to Q41.**

35. What is the ownership status of the agricultural land being tilled by the household?

1. Own
2. Communal
3. Hired
4. Not owned but with permission from owner
5. Not owned and without permission from owner
96. Others, specify \_\_\_\_\_

36. What is the area of the agricultural land?

1. Less than 1 hectare
2. 1-3 hectares
3. 3.1- 5 hectares
4. More than 5 hectares

37. During the past 12 months, what type of crop or fruit-bearing trees did your household harvest?

1. Maize
2. Bananas
3. Mangoes
4. Cowpeas
5. Water melons
6. Tomatoes
7. Beans
8. Sugar-cane
9. Paw-paw
10. Rice
11. Green grams
96. Other, specify \_\_\_\_\_

38. During the last 12 months, how much of the crop or fruit bearing trees did you harvest? (In bags/kilograms)

<b>Crop</b>	<b>Quantity</b>
1. Maize	_____
2. Bananas	_____
3. Mangoes	_____
4. Cowpeas	_____
5. Water melons	_____
6. Tomatoes	_____
7. Beans	_____
8. Sugar-cane	_____
9. Paw-paw	_____
10. Rice	_____
11. Green grams	_____
96. Other (specify)	_____

39. Do you or any member of the household use any of the following agricultural equipments/facilities?

- |                          |        |       |
|--------------------------|--------|-------|
| 1. Donkey/ox/camel, etc  | 1. Yes | 2. No |
| 2. Plough                | 1. Yes | 2. No |
| 3. Insecticide/pesticide | 1. Yes | 2. No |
| 4. Farm tractor          | 1. Yes | 2. No |

- |                          |        |       |
|--------------------------|--------|-------|
| 5. Harvester, any type   | 1. Yes | 2. No |
| 6. Farm shed             | 1. Yes | 2. No |
| 7. Irrigation pumps      | 1. Yes | 2. No |
| 8. Jembe/Hoe             | 1. Yes | 2. No |
| 9. Panga                 | 1. Yes | 2. No |
| 96. Other, specify _____ | 1. Yes | 2. No |

40. Does your household own the following equipments/facilities?		
Equipment	1. Yes	2. No
1. Donkey/ox/camel		
2. Plough		
3. Insecticide/pesticide		
4. Farm tractor		
5. Harvester, any type		
6. Farm shed		
7. Irrigation pump		
8. Jembe/hoe		
9. Panga		
96. Other, specify _____		

#### F. LIVESTOCK KEEPING

41. For the past 12 months, what number of livestock or poultry has your household raised to earn income	1. Yes 2. No	How many?
1. Cows		
2. Goats		
3. Sheep		
4. Camel		
5. Chicken for meat		
6. Chicken for eggs		
7. Ducks		
96. Other, specify _____		
42. For the past 12 months, what was the usual volume of production of livestock or poultry raised by your household?		
1. Live animals (number of heads)		
2. Meat (weight in kilograms)		
3. Milk (in litres)		
4. Eggs (number)		

#### G. NATURAL CALAMITIES

43. In the past 12 months, was your household severely affected by natural or man-made calamities such as drought, flood or conflict?

- |        |            |
|--------|------------|
| 1. Yes | (GO TO 44) |
| 2. No  | (GO TO 46) |

44. What was the natural or man-made calamity that affected your household?

1. Drought
2. Ethnic conflict
3. Flood
4. Human-wildlife conflict
96. Other, specify \_\_\_\_\_

45. What did you lose in the calamity?

1. Livestock
2. Crops/farm produce
3. Loved ones
4. Shelter
96. Other, specify \_\_\_\_\_

## H. FOOD ADEQUACY AND NUTRITION

46. In the last three months, did it happen even once that your household experienced hunger?

1. Yes (GO TO 47)
2. No (GO TO 49)

<b>IF YES IN (46)</b>		
How many days did your household experience hunger during the past 3 months?	<b>47</b>	<b>48</b>
	<b>Name of Month</b>	<b>Number of Days</b>
<b>a. First Month</b>		
<b>b. Second Month</b>		
<b>c. Third Month</b>		

**In Q49, interviewer to elaborate the meaning of a balanced meal to the respondent; a meal that has proteins, carbohydrates and vitamins.**

49. Did your household have at least three balanced meals a day in the last one month?

1. Yes
2. No
98. Don't know

50. If the household has a child below five years, is the child suffering from disease of malnutrition such as Kwashiorkor or Marasmus?

1. Yes
2. No
98. Don't know
97. Not Applicable

51. If the household has a child below five years, is the child underweight?

1. Yes
2. No
97. Not Applicable

**I. HEALTH**

<p>52. Where did an ill household member go for treatment during the past year?</p> <p>a) Hospital b) Public health centre c) Private clinic d) Nurse/midwife e) Over the counter medicine f) Alternative healer g) Others, specify</p>	<p>a) _____ b) _____ c) _____ d) _____ e) _____ f) _____ g) _____</p>	<p>Code: 1) Yes 2) No</p>
<p>53. What was the main source of funds to go to formal health facilities e.g. hospital.</p>	<p>_____</p>	<p>Code: 1) Out-of-pocket 2) Borrow 3) Health insurance 4) Other, specify _____</p>
<p>54. If couple in the household is currently married, are they using contraceptive measures?</p>	<p>_____</p>	<p>Code: 1) Yes 2) No</p>
<p>55. If yes, what type:</p>	<p>_____</p>	<p>Code: 1) IUD 2) Injection 3) Condom 4) Pill 5) Implant 6) Natural methods</p>
<p>56. Was there any child death during the past three years?</p>	<p>_____</p>	<p>Code: 1) Yes 2) No</p>
<p>57. Is there any child in the household younger than five years old?</p>	<p>_____</p>	<p>Code: 1) Yes 2) No</p>
<p>58. If household has child, did the mother receive routine prenatal treatment (minimum 4 times)</p>	<p>_____</p>	<p>Code: 1) Yes 2) No</p>
<p>59. Did the mother receive postnatal treatment up to 40 days after the birth?</p>	<p>_____</p>	<p>Code: 1) Yes 2) No</p>
<p>60. Who assisted the last child delivery?</p>	<p>_____</p>	<p>Code: 1) Doctor 2) Hospital midwife 3) Traditional Birth Attendant 4) Others, specify _____</p>
<p>61. Types of immunization received by the youngest child:</p> <p>a) BCG b) DPT c) Polio d) Measles e) Hepatitis B</p>	<p>a) _____ b) _____ c) _____ d) _____ e) _____</p>	<p>Code: 1) Yes 2) No</p>

62. Has any female member of this household died due to pregnancy related complications?	_____	Code: 1) Yes 2) No
63. Has any household member been sick in the last two weeks?	_____	Code: 1) Yes 2) No
64. Has any household member suffered from malaria in the last two weeks?	_____	Code: 1) Yes 2) No
65. Has any household member suffered from diarrhea in the last two weeks?	_____	Code: 1) Yes 2) No

### J. HOUSEHOLD MEMBERS WITH DISABILITIES

66. Does the household have any member with a physical/mental disability?

1. Yes
2. No

67. What is the name of the member who has a disability? \_\_\_\_\_

68. What type of disability does \_\_\_\_\_ have?

1. Total blindness
2. Partial blindness
3. Totally deaf
4. Partially deaf
5. Crippled (kilema)
6. Mental disability
7. Dumb (Bubu)
96. Other (specify) \_\_\_\_\_

69. What is the cause of the disability?

1. Inborn
2. Illness
3. Accident
96. Other (specify) \_\_\_\_\_

70. What assistance has she/he received for his/her disability?

\_\_\_\_\_

71. From whom did she/he receive this assistance?

1. Government
2. NGO
96. Others, specify \_\_\_\_\_

**K. HOUSE CONDITION AND FACILITY**

72. House ownership status	_____	Code: 1) Own 2) Rent 3) City council 5) Borrow 96) Other, specify_____
73. Are there any other families living in the same house?	_____	Code: 1) Yes 2) No
74. If yes, how many families are living in the house?	_____ families	
75. How many persons (including respondent's family) are living in this house?	_____ persons	
76. House area	_____ M <sup>2</sup>	
77. Type of floor	_____	Code: 1)Tile 2)Cement 3)Wood 4)Mud 96)Other, specify_____
78. Type of roof	_____	Code: 1)Iron sheets 2) Makuti 3) Grass 96) Other, specify_____
79. Type of wall	_____	Code: 1) Cement 2) Mud 96) Other, specify_____
80. Bathroom	_____	Code: 1)Personal 2) Public 3)River 4) Bush 96) Other, specify_____
81. Toilet/latrine	_____	Code: 1) Private 2) Public 3) River 4)Garden 5) Bush 96)Other, specify_____

82. Main source of drinking water	_____	Code: 1) Bottled water 2) Tap water 3) Protected well 4) Unprotected well 5) River/spring 96) Others, specify _____
83. Main source of cooking water	_____	Code: 1) Tap water 2) Protected well 3) Unprotected well 4) River/spring 96) Others, specify _____
84. For households with no tap water, what is the average distance to the water source?	_____ KM	Code: 1) Less than 1 km 2) 1-3kms 3) 4-6kms 4) 7-9kms 5) 10kms and above
85. Main source of light	_____	Code: 1) Electricity 2) Generator 3) Kerosene lamp 4) Torch/candle 5) Tin lamp (Koroboi) 96) Others, specify _____
86. Main cooking material	_____	Code: 1) Firewood 2) Kerosene 3) Gas 4) Charcoal 5) Electricity 96) Other, specify _____

87. Does your household own any of the following items?

- |                       |        |       |
|-----------------------|--------|-------|
| a) Radio              | 1. Yes | 2. No |
| b) Television         | 1. Yes | 2. No |
| c) Landline telephone | 1. Yes | 2. No |
| d) Mobile telephone   | 1. Yes | 2. No |
| e) Bicycle            | 1. Yes | 2. No |
| f) Motorcycle         | 1. Yes | 2. No |
| g) Car/truck          | 1. Yes | 2. No |
| h) Refrigerator       | 1. Yes | 2. No |

**L. POLITICS AND SECURITY**

88. Did any eligible household member vote in the last general elections?	_____	Code: 1) Yes every member 2) Yes some members 3) No
89. Did any household member become a victim of conflict in the past year?	_____	Code: 1) Yes 2) No
90. If yes, what type of conflict?	Code: 1. Ethnic 2. Political 3. Land 96. Other (specify) _____	
91. What was the cause of the conflict?	_____	

**M. GENDER EQUITY (This section should be answered by eligible women in the household)**

92. Do you have access and control of land and other resources?

- 1) Yes
- 2) No

93. Would you ask your husband or partner to use a condom if you suspected that he was unfaithful?

- 1) Yes
- 2) No

94. Do you decide the number of children that you want to have?

- 1) Yes
- 2) No
- 3) Decide together

95. Have you been beaten by your husband or partner in the last 12 months?

1. Yes
2. No

96. If yes, how many times in the last 12 months? \_\_\_\_\_

97. Has your husband or partner said or done something to embarrass you in front of others in the last 12 months?

1. Yes
2. No

98. If yes, how many times in the past 12 months? \_\_\_\_\_

99. Has your husband or partner physically forced you to have sexual intercourse with him even when you did not want to?

1. Yes
2. No

100. If yes, how many times? \_\_\_\_\_

**N. ACCESS TO GOVERNMENT PROGRAMMES**

<p>101. Did the household receive assistance from these government programs last year:</p> <ul style="list-style-type: none"> <li>a. Youth Development Fund</li> <li>b. Bursary Fund</li> <li>c. Higher education loan</li> <li>d. Constituency Development Fund</li> <li>e. Women Enterprise Fund</li> <li>f. Agriculture Extension Services</li> <li>g. Livestock restocking program</li> <li>h. Local Authority Trust Fund(LATF)</li> <li>i. Others 1 _____</li> <li>j. Others 2 _____</li> </ul>	<ul style="list-style-type: none"> <li>a) _____</li> <li>b) _____</li> <li>c) _____</li> <li>d) _____</li> <li>e) _____</li> <li>f) _____</li> <li>g) _____</li> <li>h) _____</li> <li>i) _____</li> <li>j) _____</li> </ul>	<p>Code: 1) Yes 2) No</p>
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**END OF INTERVIEW: THANK THE RESPONDENT FOR HIS/HER TIME**

**INTERVIEWER'S OBSERVATIONS**

COMMENTS ABOUT RESPONDENT

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COMMENTS ON SPECIFIC QUESTIONS

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NAME OF ENUMERATOR: \_\_\_\_\_ DATE: \_\_\_\_\_

SUPERVISOR'S OBSERVATIONS

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NAME OF SUPERVISOR: \_\_\_\_\_ DATE: \_\_\_\_\_