CBMS Database / Repository Information Sheet
ZAMBIA

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Project Title: Community Based Monitoring System for Poverty Reduction, Sustainable Development and Sanitation in Lusaka Province of Zambia

Administrative Information:

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I. Project Abstract

The CBMS Pilot was carried out in Mungule and Makishi areas in Lusaka district, Zambia. This was done to ascertain the effectiveness of the data collection instruments and to test the feasibility of implementing the CBMS in Zambia. The implementation of this pilot availed a number of issues that are explored in this paper. These issues have been discussed with different stakeholders and fundamental cornerstones have been agreed upon to make sure the success of the next phase is brought to reality.

According to the understanding gathered on CBMS implementation during this pilot-test, and comparing it with other existing poverty initiatives and monitoring systems, CBMS provides a more multi-dimensional approach to poverty monitoring and alleviation strategies, than existing systems such as CSO social and economic censuses which only occur once in five years. The use of the bottom-up approach in the implementation of the CBMS renders it a competitive edge against other poverty-alleviation techniques in place today.

This paper outlines the technical feasibility of implementing the CBMS in Lusaka province. It discusses the CBMS methodology, data collection instruments and approaches developed during the pilot-testing. The indicator system is included together with the data collection procedures, processing, validation and database building procedures that have so far been instituted. The problems faced and how they were resolved, lessons leant are also given a considerable portion of the technical-artistry discussion that is laid out in this paper. It goes further and lays a foundation for the full scale implementation of the project that is anticipated in the second phase.

II. Project objectives

The proposed objectives of the CBMS – Zambia are as follows:

➢ To strengthen local capacity for research and policy analysis in support of formulation of appropriate interventions and policies for reducing poverty.
➢ To rationalize and synchronize with the operations of state institutions responsible for collecting information pertinent to analyzing and monitoring poverty
➢ To set up mechanisms for the effective transfer of knowledge from experts availed through technical assistance to local experts.

III. Database information sheet

Pilot/Extension area(s): Source of data	Mungule and Makishi areas in Lusaka District
Reference year for which the data was taken:	2007
Database information : Number of observation: Number of variables: Format: Software used to store/retrieve information from the database:	 4720 Households 41 Variables MS Access MS Access

IV. List of Indicators/Variables

COMPONENT	INDICATORS
Nutrition and Health	Morbidity rate
	Common diseases within a specific community
	Availability of Malaria prevention kit
	Presence of health workers and health institutions
	Prevalence of micro-nutrition deficiencies
	Nutritional status of children under 5 years old
	Infant and Maternal Mortality rate
Water and Sanitation	Access to safe and accommodative toilets
	Access to clean and disease-free water
	Source of water supply
	Availability of garbage disposal facilities
Education	Primary enrollment and success rate of completion
	Existence of schools and educational materials
	Literacy rate by gender
	Availability of skilled labor
Agriculture and Livestock	Percentage of fertile land utilized for farming
	Cultivation types
	Availability of livestock / livestock implements
	Availability of backward gardens
	Availability of Silos or crop storage facilities
	Livestock and Crop disease
	Number and types of livestock
Peace and Tranquility	Number of crimes per year
	Conflicts or armed encounters
	Cases of wife battering, children beatings
	Violence rate around the neighborhood
Income and Expenditure	Asset ownership
	Sources of income
	Proportion of potential work force out of employment
	Expenditure for food and clothing
Shelter	Housing type and ownership
	Land tenure
	Housing status (slum or planned)
Roads and communication	Main means of transport
	Available communication infrastructure
	Percentage of impassable roads
	Distances to major economic centers by road
Individual socio-economic participation	Attendance to local meetings
	Registration for national or local elections
	Membership in community-based organizations
	Leadership in community organizations

V. Questionnaires

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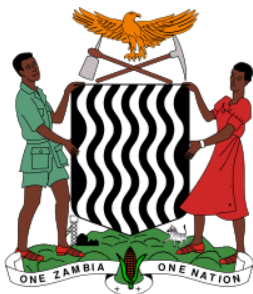**P** overty and **E** conomic **P** olicy

ZRDC

CBMS

Household Questionnaire (v2)

ZRDC - PEP

(CBMS 2007/08)

ONE ZAMBIA ONE NATION

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UNIVERSITÉ LAVAL

A. GEOGRAPHIC CHARACTERISTICS

1. HH head ID

2. District: ....………………………………………….

3. Village or urban name: ....………………………………………….

5. Enumeration Area……………………………………….

B. BACKGROUND AND DEMOGRAPHIC INFORMATION

1. Household members

	Name	Relationship to HHD Head=1 Spouse=2 Own Child=3 Other-Relative=4 None-Relative =5	Ethnicity	Age	Sex M=0 F =1	Highest level of Education attained Pre-school=1 Primary=2 Secondary=3 Tertiary=4 Never been to school=5	Education attendance In school=1 Out of school=2 Completed=3	Main Profession Famer=1 Trader=2 Employee=3 Other=4
1								
2								
3								
4								
5								
6								
7								
8								
9								

C. SOCIAL-ECONOMIC AND POLITICAL INFORMATION

1. Voting and Elections:
   HH head eligible voter=1
   Actual Voter =3

2. Is HH head an active member of any community organisation?
   Yes=1
   No=2

3. Does HH benefit from social programmes?
   Yes=1

No=2

4. Does HH own a house? ☐
    Yes=1
    No=2

5. What material was used to build the house? ☐
    Cement brick house=1
    Clay brick house =2
    Grass thatched house =3

6. HH main source of energy: ☐
    Electricity=1
    Accumulator (Solar panel, Generator etc) =2
    Traditional (Charcoal, firewood etc) =3
    Other (specify) …………………………………………………….

7. How many meals do HH members have in a day? ☐
    One=1
    Two=2
    Three and more=3

8. Assets owned by HH: Yes=1, No=2

    Bicycle: ☐

    Phone: ☐

    T.V ☐

    Radio ☐

    Car ☐

    Others (specify)……………………………..

9. Institution of learning present within the Village (urban area)? Yes=1, No=2

    Pre-school ☐

    Primary school ☐

    Secondary school ☐

    Tertiary institution ☐

10. What social-economic problems does HH face? Yes=1, No=2

1. Lack of business experiences	
2. Unemployment	
3. Poor state of house	
4. Frequent illnesses	
5. Have drug user	
6. Have alcohol drinker, gamble	
7. Other (specify)	

D. WATER AND SANITATION

1. Source of drinking water ☐

Tapped water=1
Well=2
Lake/river=3

2: How far is the distance from the water source to the HH? ☐

Within HH=0
Outside HH (state in meters)

3. Toilet: ☐

Flush toilet=1
Pit latrine =2

E- Agriculture

1. How many hectares does HH own? …………….

2. Productive Equipment

1. Tractor   2: Plough 3: Water pump 4: Maize mill 5: Truck

3: Animals

1. Cattle   2: pigs 3: Goats 4: Poultry 5: Others

F : Income (Net income during the last 12 months)

	Income source	**Value**
1	Cultivation	
2	Animal livestock, fisheries	
3	Handicraft	
4	Trading	
5	Transportation, construction, other off-farm activities	
6	Stable salary	
7	Casual salary of hired labor (*piece-works)	
8	Salary of HH members working in other cities, provinces	
9	Pension, allowance, social security, etc.	
10	Remittance from relatives, aid	
11	Other type (s) of income *(specify)* ………………………………………………………………….. ……………………………………………………………………	

G. Does the HH face with any problem in business and life (yes='1', No='0')

6. Lack of business Experiences			10. Natural disaster		
2. Lack of capital			11. Pest, epidemic of animals		
4. Lack of irrigation			12. Have accident		
5. Lack of job			13. Sickness (e.g. chronic malaria)		
6. Lack of laborers			14. Single old-aged		
7. High price of input materials			15. Have drug user		
8. Low price of output products			16. Have alcohol drinker, gambler		
9. Cannot sell farm			17. Other (specify)		

products					

H. Health and Nutrition

1. Did any illness/injury occur in the household? (Yes=1, No=2) ☐

2. Which of the following illness occurred in the household?

- Malaria : ☐
- Tuberculosis : ☐
- Cholera : ☐
- HIV/AIDS : ☐

3. Is their a clinic/hospital in the area? ☐

(Clinic 1, Hospital 2, Other health center 3)

4. Did any HH member face any problem at the health center?

- Lack of drugs ☐
- High medical fees ☐
- Lack of qualified medical attendants ☐
- Other ☐

5. Does the HH have a baby less than a year old? ☐

6. If yes, how many times is the baby fed? ☐ Times.

7. Maternal and child health in the last 4 years *(Number of persons, if 'yes')*

	2005	2006	2007	2008
New-born baby in the year				
New-born baby deaths				
Under-12 months- baby deaths				
Under-5-year child deaths				
Mother's death due to pregnancy and delivery				
Baby delivery at home without special medical assistance				

8. Did the new born have access to under-5 clinic?

9. Was baby born:

   1. Underweight
   2. Normal weight
   3. Overweight

10. Did the baby receive vaccination?

    1. Polio vaccine
    2. Measles Vaccine
    3. TB vaccine

I. Peace and order

1. In the past 12months, did you or any household member been a victim of violent crime?

Yes=1
No=2

If yes, specify: …………………………………………………………………….

2. Has any HH member been involved in riots, political demonstrations or any event that disrupts public peace in the community?

Yes=1
No=2

J: Suggestions by Community Members:
1)…………………………………………………………………………………
2)…………………………………………………………………………………
3)…………………………………………………………………………………
4)…………………………………………………………………………………
5)…………………………………………………………………………………

Name of respondent: …………………………………………
Signature: …………………………………………………………
Date: …………………………………………………………..

Name of Interviewer: ……………………………………… Signature: ……………………………………………………… Date: …………………………………………………………..