

Rural Incomes and Livelihoods Survey 2004
Second Supplemental Survey to the 1999/2000 Post Harvest Survey
(for small and medium scale holdings) - Synthetic Questionnaire

Location of data files: c:\docs\Zambia\hh04\data

File Name	Level of Data	Synthetic Survey Page
id04.sav	household	2
allusrid04.sav	household	2
hh04.sav	household	3 – 12
adults04.sav	household, member	13
Adults_addit04.sav	household, member	14
child04.sav	household, member	15
prevDeaths04.sav	household, id	16
salwage04.sav	household, member, activity	17
bus_activ04.sav	household, member, activity	18
remit04.sav	household, remit id	19
gg_foodaid04.sav	household, item number	20
field04.sav	household, field	21
crop04.sav	household, field, crop	22
sold_stocks04.sav	household, crop	23
cassava04.sav	household, field	24
veg_fruit04.sav	household, veg/fruit code	25
purch04.sav	household, product purchased	26
food_pay04.sav	household, product received	27
prod_maize04.sav	household, product code	28
fertacq04.sav	household, fertilizer channel	29
service04.sav	household, service code	30
asset04.sav	household, asset code	31
livestock04.sav	household, livestock code	32
milk_egg_fish04.sav	household, animal product code	33
	Code Sheets	34-36

Corresponding Questionnaire Pages	Description
Front page	Only hhs who completed questionnaire
NA	All hhs including those not completing questionnaire
scattered throughout	All variables with HHnn prefix-suffix
2-3	Adult household members listed in 2001
4	Additional household adults not listed in 2001
5	Children below 12 years old
6	Deaths since April 2001
7	Off-farm income and remittances
8	Formal or informal business activities
9	Remittances sent from hh or given to hh from non-HH members
10	Value of gifts, grants or foodaid sent from or received by household
13	Field level questions
14-15	Crop management - input application and harvest
16	Crop stocks and sales
17	Cassava production
18	Vegetable and fruit sales
19	Food purchases
20	Food received for household consumption as payment
21	Products obtained from maize grain processing
23	Acquisition of fertilizer
25	Advice provision
26	Household assets and implements
27	Livestock owned
28	Milk, egg and fish production and sales
33-34	

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Synthetic Questionnaire

Key Identifying variables (Original Questionnaire Cover)

PROV _____ Province (see code list)
DIST _____ District
CSA _____ Census Supervisory Area number
SEA __ __ Standard Enumeration Area number (1st and 2nd digits)
HH _____ Household Serial Number

Other variables on the front page.

VIL _____ Village/locality name
HH_2001 _____ Name of Household Head in 2001
STILL_HH _____ Is this person still household head? 1=yes, 2=no
HH_2004 _____ Name of current Household Head
SAME_HH _____ Is this the same HH? 1=yes, 2=no
CATEGORY _____ Category of farmer
RESP2001 _____ Name of respondent in 2001
SAMERESP _____ Is this the same respondent from 2001? 1=yes, 2=no
RESP2004 _____ Respondent in 2004 if different from 2001
RESPONSE _____ Response status (see codes)

HHBAD _____ Does household match 2001 household?
 0-matches, 1 - does not match 2001

WGT Household weight
OLDDIST Code for old districts

File: id04.sav - only households who completed the survey

File: allsurid04.sav - all households that were to be interviewed

PROV

Value	Label
1	Central
2	Copperbelt
3	Eastern
4	Luapula
5	Lusaka
6	Northern
7	Northwestern
8	Southern
9	Western

CATEGORY

Value	Label
1	A - small scale holding
2	B - medium scale holding

RESPONSE

Value	Label
1	Completed
2	Refusal
3	Moved out of SEA
4	Household dissolved
5	Non-Contact
6	Hh skipped and not interviewed

<p>ASSIGNMENT RECORD</p> <p>a. Name of Enumerator <input style="width: 250px; height: 20px;" type="text"/></p> <p>b. Name of Supervisor <input style="width: 250px; height: 20px;" type="text"/></p>	<p>Encode</p> <p>Spcode</p>	<p><input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/></p> <p><input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/></p>	<p>Date completed</p> <p>Date checked</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Day/</th> <th>Mon/</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td><input style="width: 20px; height: 20px;" type="text"/></td> <td><input style="width: 20px; height: 20px;" type="text"/></td> <td><input style="width: 20px; height: 20px;" type="text"/></td> </tr> <tr> <td><input style="width: 20px; height: 20px;" type="text"/></td> <td><input style="width: 20px; height: 20px;" type="text"/></td> <td><input style="width: 20px; height: 20px;" type="text"/></td> </tr> </tbody> </table>	Day/	Mon/	Year	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>
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Note: *Italicized and underlined text reflects changes made while training the supervisors and enumerators:*

Household level questions -

File: hh04.sav

Other vars in this file: var hbbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

The code -8 appears in variables where the data were not collected by the enumerator.

SECTION 1: DEMOGRAPHIC CHARACTERISTICS OF HOUSEHOLD MEMBERS

1.1 Adults born in or before 1992 (12 years and above) that were listed in April 2001. *Include new or additional adult members in the next table (Table 1.2).*

Enumerator: Record the MEM # of the person who is the respondent for this questionnaire [HH00 is also in file id04.sav]

HH00	
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Table 1.1 - Adults born in or before 1992 listed in 2001

Table 1.2 - Additional adults not listed in 2001 born in or before 1992

Table 1.3 - Children born after 1992

1.4 PREVIOUS DEATHS WITHIN THE HOUSEHOLD (SINCE APRIL 2001)

1.4.1 Since April 2001, has there been anyone - child or adult member of the household - who died? *1=Yes 2=No -----> Go to SECTION 2*

Table 1.4 - Deaths since April 2001 within the household

Table 2.1 - Off-farm income and remittances from May 2003 to April 2004

Table 2.2 - Formal or informal business activities from May 2003 to April 2004

HH01	
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2.3. CASH REMITTANCES

2.3.1. Between May 2003 and April 2004, did any **member of this household** send/give cash to any **non-household** member or organization?
1=Yes 2=No

HH02	
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2.3.2. Between May 2003 and April 2004, did any **member of this household** receive cash from any **non-household** member or organization?
1=Yes 2=No

HH03	
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Table 2.3.3 - Cash remittances sent/given by the household or received by the household

2.4 GIFTS, GRANTS, FOOD AID

2.4.1 Between May 2003 and April 2004, did this household **send/give** any food commodities (including food aid and food for work) or other kind of gifts to non-household members, Government or NGOs.
1=Yes 2=No

HH04	
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2.4.2 Between May 2003 and April 2004, did this household **receive** any food commodities (including food aid and food for work) or other kind of gifts from non-household members, Government or NGOs.
1=Yes 2=No

HH05	
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Tables 2.4.1 and 2 - Gifts, grants and food aid sent/given by the household or received by the household

3.1 Land Use

3.1.1 *Enumerator: Refer back to the sketch in the previous page (page 11) and check for fallow fields – if some of the hh’s fields are in fallow, then ask this question; otherwise, go to Q3.1.2*

You indicated that some of your land was in **fallow in 2002/2003**. What was the **main reason** why you **did not cultivate** these fields?

Enumerator: Please note that fallow includes “abandoned” fields

HH06

1=need to rest the soil

7=for livestock grazing

12=too far away

20=gave away land or doesn't own

2=not enough labor

8=other (specify)

13=problems with animals / thieves

21=death in hh

3=land not productive

9=illness

14=too old

22=gov't road construction

4=inadequate seed and fertilizer

10=too much rain

15=caring for self or others

23=not specified

5=inadequate implements and draught power

11=not enough rain, drought

16=was away at time

6=other use of labor more important

17=new field

18=land dispute

19=not needed for food this year

3.1.2 Can your household **rent good crop land** within your area?

1 = Yes 2 = No----> Go to 3.2

HH07

3.1.3 How much would someone be **charged** in ZMK for **renting good crop land** in your area for one season?

Amount in ZMK

HH08A

(If it is in-kind, convert to Kwacha equivalent)

Unit

HH08B

1 = lima, 2 = acres, 3=hectare

Computed variable:

Kwacha (ZMK) per hectare

HH08C

Table 3.2 - Field level questions

Tables 3.3-3.4 - Crop level questions including both intercrop and monocrop fields

Table 4.1 - Crop stocks and sales

Table 4.2 - Cassava field production

CASSAVA STOCKS AND SALES

4.2.2 Since May 2003, did you **sell or exchange any cassava**?

1 = Yes 2 = No---->Go to 4.2.11

HH09

4.2.3 If **yes**, what was the **quantity**?

Quantity

HH10

4.2.4 What was the **unit**?

See codes below

Unit

HH11

Conversion value to kgs for HH11

HH11conv

				Computed: Total kgs of cassava sold	kg _s _sold	
<i>Ask for the largest transaction for either cash or barter</i>						
4.2.5	Which month did you sell ?	See codes below			HH12	
4.2.6	What type of buyer did you sell to?	See codes below			HH13	
4.2.7	Where did this transaction take place?	See codes below			HH14	
4.2.8	How far is the location from your homestead in km ?		(1 mile = 1.6 kilometers)		HH15	
4.2.9	What was the price per unit for the largest cash transaction ?	ZMK			HH16	
4.2.10	What unit ?	See codes below	Unit		HH17	
				Conversion value to kgs for HH17	HH17conv	
				Computed: Price per kg for cassava	pric _{kg}	
4.2.11	At the end of April 2004 , did you have dried cassava in storage ?		1 = Yes 2 = No-> Go to 4.2.14		HH18	
4.2.12	What quantity did you have in storage ?	Quantity			HH19	
4.2.13	What unit ?	See codes below	Unit		HH20	
				Conversion value to kgs for HH20	HH20conv	
				Computed: Total kgs of dried cassava stored	kg _{stor}	
4.2.14	Did the household ever run out of mature cassava in the field ?		1 = Yes 2 = No----> Go to Q 4.3		HH21	
4.2.15	Which month did the household run out of mature cassava in the field ?		See codes below		HH22	
Month codes (HH12, HH22)		Buyer code (HH13)	Location of transaction (HH14)	Unit Codes (HH11, HH17, HH20)		
1 = January	7 = July	1 = Trader	1=Within village	1=90kg bag	6=90kg bag unshelled	11=5lt gallon
2 = February	8 = August	2 = Other households	2=Within district (rural)	2=50kg bag	7=50kg bag unshelled	12=MEDA
3 = March	9 = September	3 = Govt agency/FRA	3=Within district (urban)	3=25kg bag	8=25kg bag unshelled	13=bunches
4 = April	10 = October	4 = NGO	4=Other district (rural)	4=10kg bag	9=10 kg bag unshelled	14=MUCHUMBU
5 = May	11 = November	5 = Cooperative Union	5=Other district (urban)	5=20lt tin	10=20lt tin unshelled	15=ka B.P.
6 = June	12 = December	6 = Outgrower	6=Another country			16=crates
						17=tonnes
						18=boxes
						19=number
						20=kilogram

Table 4.3 - Vegetable and Fruit Sales

SECTION 5 - FOOD PURCHASES AND PROCESSING (May 2003 to April 2004)

Table 5.1 - Food purchased or bartered into your possessions for home consumption

Table 5.2 - Food for household consumption obtained as payment for labor and other services

5.3 Maize Grain Processing

5.3.1	Did you have any maize grain (from harvest, purchase etc) at any time between May 2003 and April 2004 ? <i>1 = Yes 2 = No—> Go to 5.3.2</i>	HH23	
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Table 5.3.1 Products obtained from maize grain

5.3.2	How many hammer mills are there for the household to choose from? <i>Record the number. If none, enter 0 and go to SECTION 6.</i>	HH24	
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5.3.3 For the hammer mill that the household uses most frequently, ask the questions in the table. Reference Period: Between May 2003 and April 2004

Identity of Hammer Mill	On average, how many times did you use this hammer mill per month?		Where is this hammer mill located? <i>1=Within the village 2=In another village 3=At district centre</i>	Approximately how many km is this hammer mill from your homestead by the route you use? <i>(1 mile = 1.6 kilometers)</i>	State the milling charge per 20 litre tin in Kwacha the last time the hh milled. <i>Enumerator: IF the hammer mill does not produce the product, enter 9999. Enter 9 if the respondent does not know the price.</i>			
	Between May 2003 and Dec 2003	Between Jan 2004 and April 2004			Straight run mugaiwa	Refined meal (wetted, dehulled, not soaked, milled)	Super refined meal (wetted, dehulled, soaked, milled)	Samp (maize grits)
Name	HH25	HH26	HH27	HH28	HH29	HH30	HH31	HH32

SECTION 6: FERTILIZER ACQUISITION (2002/2003 and 2003/2004 Agricultural Seasons)

6.1	Did the household acquire fertilizer for the 2002/2003 agricultural season? <i>1 = Yes 2 = No-----> Go to 6.4</i>	HH33	
6.2	How much basal fertilizer did this household carry over from 2002/2003 into 2003/2004 agricultural season? <i>(Record the answer in kgs)</i>	HH34	
6.3	How much top dressing fertilizer did this household carry over from 2002/2003 into 2003/2004 agricultural season? <i>(Record the answer in kgs)</i>	HH35	
6.4	Did the household acquire fertilizer for the 2003/2004 agricultural season? <i>1 = Yes 2 = No</i>	HH36	

Enumerator: If answer to HH33 and/or HH36 is = 1, Go to Q 6.6, page 23.

6.5 REASONS FOR NOT PROCURING FERTILIZER

6.5.1	Which year did the household LAST acquire fertilizer for fields or gardens?	<i>Record "0" if HH has never used fertilizer on the farm</i>	HH37	
6.5.2	What is the most important reason why the household did not acquire fertilizer in 2003/2004?		HH38	
	<i>1 = did not have cash 2 = it does not pay, it is not profitable 3 = it is too costly 4 = transport is expensive 5 = not available in the stores 6 = other (specify) 7 = soil is good 8 = destroys soil 9 = uses organic / manure</i>	<i>10 = no land - did not grow crops 11 = does not want to use fertilizer 12 = does not use fertilizer 13 = fertilizer came late 14 = too old 15 = government didn't deliver 16 = applied, did not receive 17 = crop doesn't require fertilizer 18 = selective distribution 19 = not enough labor or time</i>	<i>20 = registered late or did not register 21 = no loans or rejected 22 = floods 23 = not specified 24 = thieves 25 = illness 26 = need advice, instructions 27 = other miscellaneous reasons</i>	
6.5.3	Do you think it would have been financially worthwhile to use fertilizer priced at K95,000 - K105,000 per 50 kg bag on your maize fields?		HH39	
		<i>1 = Yes 2 = No 3 = It depends 4 = Do not know</i>		

Enumerator: If 6.5 is answered, go to SECTION 7, page 24.

Table 6.6 - Acquisition of fertilizer in 2002/2003 and 2003/2004 agricultural seasons

6.7 COMMERCIAL MARKET PRICE OF FERTILIZER

INSTRUCTION: Ask the following questions only for the seasons in which the household purchased fertilizer in 50 kg bags by "commercial cash terms"

(*FERTCH = 4 and FR01 = 1 (2002/2003) and FERTCH = 4 and FR07 = 1 (2003/2004)*) above.

		YEAR			
		2002/2003	2003/2004		
6.7.1	When you made your biggest commercial purchase , what price did you pay at the point of purchase for a 50 kg bag of basal dressing fertilizer? (<i>Kwacha</i>)	HH40a		HH40b	
6.7.2	When you made your biggest commercial purchase , what price did you pay at the point of purchase for a 50 kg bag of top dressing fertilizer? (<i>Kwacha</i>)	HH41a		HH41b	
6.7.3	When you made your biggest commercial purchase , how much did you spend on transport from purchase point to your homestead per 50 kg bag ? (<i>Kwacha</i>)	HH42a		HH42b	
6.7.4	Do you think it is financially worthwhile to use commercially priced fertilizer on your maize fields?	<i>1 = Yes 2 = No</i>		HH43	

SECTION 7: AGRICULTURAL LOANS (Excluding Fertilizer)

7.1 Did the household borrow money or obtain a loan (cash or in-kind) from an individual or company to support agricultural production during the 2002/2003 season ? <i>1 = Yes 2 = No---->Go to SECTION 8.</i>	HH44	
7.2 What was the source of the largest loan ? <i>1=Government 2=Commercial bank 3=Cotton company 4=Tobacco company 5=Other crop company 6=Local private trader 7=Informal money lender 8=Friend/relative 9=Micro credit Institutions 10=Other (specify) 11 = NGO 12 = Cooperative 13 = Church 14 = Other 15 = Not specified</i>	HH45	
7.3 How did you repay the credit for most of the largest loan ? <i>1 = paid cash 2 = deducted from crop sale 3 = paid in-kind 4 = not yet repaid</i>	HH46	

SECTION 8: ADVICE PROVISION*Table 8.1 - Advice received from organizations, private agents or individual farmers***8.2** Please tell us the **sources** of the household's information on **agricultural commodity prices**.

8.2.1 Has the household ever received information on Agricultural Commodity prices ? <i>1 = Yes 2 = No----> go to Question 8.2.3</i>	HH47	
8.2.2 What was the main source of this information ? <i>1 = Extension agent 2 = Farmer/neighbor 3 = Radio program 4 = Pamphlet/newspaper 5 = Workshop 6 = Field day 7 = ZNFU 8 = NGO 9 = Other (specify) 10 = Traders 11 = Outgrowers 12 = Shops 13 = Headman 14 = Television 15 = Dunavant 16 = Farmer group - cooperative 17 = Meeting 18 = Billboard 19 = not specified</i>	HH48	
8.2.3 Does this household own a functioning Radio? <i>1 = Yes 2 = No</i>	HH49	
8.2.4 What time of the day do you listen to the radio mostly? <i>1 = Morning 2 = Afternoon 3 = Evening 4 = Night 5 = Never--> Go to SECTION 9.</i>	HH50	

8.2.5 Which radio station do you listen to most frequently?	1 = ZNBC 2 = Community Radio 3 = Private radio 4 = Other (specify) 5=Radio Zimbabwe 6=Radio namibia 7 = Radio Malawi 8=Other country 9=Breeze 10=BBC 11=TNBC 12=Not specified	HH51	
8.2.6 Do you belong to any local Radio Farm Forum Group?	1 = Yes 2 = No	HH52	

SECTION 9. HOUSEHOLD PRODUCTION ASSETS/IMPLEMENTS

Table 9.1 - Type and number of assets or implements in working order.

SECTION 10. LIVESTOCK, POULTRY AND FISH FARMING

Table 10.1 - Livestock owned by the household between May 2003 and April 2004

10.2 MILK, EGG AND FISH PRODUCTION AND SALES BETWEEN MAY 2003 AND APRIL 2004

10.2.1 Did this household produce any milk between May 2003 and April 2004?	1=Yes 2=No ----> go to Q 10.2.2	HH53	
10.2.2 Did this household produce any eggs for eating or selling between May 2003 and April 2004?	1=Yes 2=No ----> go to Q 10.2.3	HH54	
10.2.3 Did this household harvest any fish from the HH's fish ponds between May 2003 and April 2004?	1=Yes 2=No ----> go to SECTION 11	HH55	

Table 10.2 - Quantity produced and sold of milk eggs and fish

SECTION 11: PERCEPTIONS/ATTITUDES

11.1 We would like to ask you a few questions about how your HH decides to make use of resources so that we understand the kind of challenges your HH faces in life.

11.1.1 For their basic needs, who do you consider yourself responsible for?	HH56	
11.1.2 If you were to hire additional farm labor where would you draw <u>most</u> of the labor from?	HH57	

1 = Nuclear family
2 = Nuclear family and others

1 = My Relatives
2 = Non-relatives

<p>11.1.3 If you had business activities and you were to hire labor, where would you draw <u>most</u> of the labor from?</p> <p style="text-align: right;"><i>1 = My Relatives</i> <i>2 = Non-relative</i></p>	HH58																													
<p>11.1.4 What is the <u>most important reason</u> why some households are more successful than others?</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;"><i>1 = Big family</i></td> <td style="width: 25%;"><i>8 = Hard work</i></td> <td style="width: 25%;"><i>15 = Have animal</i></td> <td style="width: 25%;"><i>22 = Not specified</i></td> </tr> <tr> <td><i>2 = Small family</i></td> <td><i>9 = Illegal activities</i></td> <td><i>16 = God's will</i></td> <td><i>23 = Lucky</i></td> </tr> <tr> <td><i>3 = Inheritance</i></td> <td><i>10 = Political connections</i></td> <td><i>17 = Good planning</i></td> <td><i>24 = NGOs and project assistance</i></td> </tr> <tr> <td><i>4 = Diversified income sources</i></td> <td><i>11 = Intelligence</i></td> <td><i>18 = Enough labour</i></td> <td><i>25 = Large, fertile land</i></td> </tr> <tr> <td><i>5 = Witchcraft</i></td> <td><i>12 = Other (specify)</i></td> <td><i>19 = Education</i></td> <td><i>26 = Good prices, transport, yields</i></td> </tr> <tr> <td><i>6 = Supernatural powers</i></td> <td><i>13 = Have farm implements</i></td> <td><i>20 = Good farming skills</i></td> <td><i>27 = No one successful</i></td> </tr> <tr> <td><i>7 = External assistance (wealthy family)</i></td> <td><i>14 = Cooperation</i></td> <td><i>21 = Loans available</i></td> <td></td> </tr> </table>	<i>1 = Big family</i>	<i>8 = Hard work</i>	<i>15 = Have animal</i>	<i>22 = Not specified</i>	<i>2 = Small family</i>	<i>9 = Illegal activities</i>	<i>16 = God's will</i>	<i>23 = Lucky</i>	<i>3 = Inheritance</i>	<i>10 = Political connections</i>	<i>17 = Good planning</i>	<i>24 = NGOs and project assistance</i>	<i>4 = Diversified income sources</i>	<i>11 = Intelligence</i>	<i>18 = Enough labour</i>	<i>25 = Large, fertile land</i>	<i>5 = Witchcraft</i>	<i>12 = Other (specify)</i>	<i>19 = Education</i>	<i>26 = Good prices, transport, yields</i>	<i>6 = Supernatural powers</i>	<i>13 = Have farm implements</i>	<i>20 = Good farming skills</i>	<i>27 = No one successful</i>	<i>7 = External assistance (wealthy family)</i>	<i>14 = Cooperation</i>	<i>21 = Loans available</i>		HH59	
<i>1 = Big family</i>	<i>8 = Hard work</i>	<i>15 = Have animal</i>	<i>22 = Not specified</i>																											
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<i>7 = External assistance (wealthy family)</i>	<i>14 = Cooperation</i>	<i>21 = Loans available</i>																												

<p>11.1.5 Who do you believe is <u>most responsible</u> for feeding your household when you have food shortages?</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;"><i>1 = Household members</i></td> <td style="width: 33%;"><i>6 = NGOs</i></td> <td style="width: 33%;"><i>11 = Neighbors</i></td> </tr> <tr> <td><i>2 = Relatives</i></td> <td><i>7 = No one</i></td> <td><i>12 = Community</i></td> </tr> <tr> <td><i>3 = Friends</i></td> <td><i>8 = Other (specify)</i></td> <td><i>13 = Where works</i></td> </tr> <tr> <td><i>4 = Chief/Headman</i></td> <td><i>9 = Church</i></td> <td><i>14 = Not specified</i></td> </tr> <tr> <td><i>5 = GRZ</i></td> <td><i>10 = God</i></td> <td></td> </tr> </table>	<i>1 = Household members</i>	<i>6 = NGOs</i>	<i>11 = Neighbors</i>	<i>2 = Relatives</i>	<i>7 = No one</i>	<i>12 = Community</i>	<i>3 = Friends</i>	<i>8 = Other (specify)</i>	<i>13 = Where works</i>	<i>4 = Chief/Headman</i>	<i>9 = Church</i>	<i>14 = Not specified</i>	<i>5 = GRZ</i>	<i>10 = God</i>		HH60	
<i>1 = Household members</i>	<i>6 = NGOs</i>	<i>11 = Neighbors</i>															
<i>2 = Relatives</i>	<i>7 = No one</i>	<i>12 = Community</i>															
<i>3 = Friends</i>	<i>8 = Other (specify)</i>	<i>13 = Where works</i>															
<i>4 = Chief/Headman</i>	<i>9 = Church</i>	<i>14 = Not specified</i>															
<i>5 = GRZ</i>	<i>10 = God</i>																

<p>11.1.6 Which of the following <u>best</u> describes your household's intentions at the time you made plans to plant the main staple crop in 2003/2004?</p> <p><u>Enumerator:</u> <i>Read out the four options. Let the respondent listen first and afterwards, pick the option that best describes the household's intentions.</i></p> <p><i>1 = produce enough for the household and have extra to sell</i> <i>2 = produce just enough to feed the household only from own production</i> <i>3 = produce all the food the household can but hope to purchase some food</i> <i>4 = produce all the food the household can but hope to get help from food aid and gifts</i></p>	HH61	
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<p>11.1.7 Are things turning out as expected in terms of crop production this year?</p> <p style="text-align: right;"><i>1 = As expected-----> Go to 11.1.9</i> <i>2 = Better than expected ----> Go to 11.1.9</i> <i>3 = Not as well as expected</i></p>	HH62	
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11.1.8 What was the **major problem** leading to this **turn of events**?

HH63

1 = Insufficient rains

2 = Not enough labor

3 = Not enough funds to purchase inputs

4 = Witchcraft

5 = Natural disasters

6 = Other (specify)

7 = Too much rain

8 = Illness

9 = Infertile soil

10 = Late land preparation

11 = Late planting

12 = Other miscellaneous

13 = Late weeding

14 = Late delivery fertilizer

15 = Bad seed

16 = No fertilizer available or not enough

17 = Crop destroyed

18 = No equipment

19 = Not enough land

20 = Deaths and funerals

21 = Mismanagement, no skills

22 = Thefts, other problems

23 = Old age

24 = Accident

25 = Did not grow crops

26 = Didn't invest enough

27 = Don't know

28 = Not specified

29 = No market

11.1.9 Do you keep **written records** of the following transactions? *1 = Yes 2 = No*

Purchase of inputs	HH64	
Other purchases	HH65	
Sales income from crops	HH66	
Sales income from livestock/poultry	HH67	
Other incomes	HH68	

11.2 Over the **past 10 years** (from 1994), have the following **improved, become worse, or stayed about the same**.

		<i>1 = improved 2 = same 3 = worse</i>
Health care in this area	HH69	
Education in this area	HH70	
Local government - Council services in this area	HH71	
Opportunities for selling crops in this area	HH72	
Opportunities to buy fertilizer in this area	HH73	
Household well-being	HH74	

11.3 Assume a **government project** were to be developed to **grow crops during the dry-season** (July - August). If the project wanted to **hire people** from this area to work for **TWO months during the dry-season** (July - August), working **6 hours a day, 5 days a week**, would you **personally be willing to work for the full 2-month period** earning a **wage rate of K3 000/day**. Depending on response go up and down.

10 = K10,000/day

9 = K9,000/day

8 = K8,000/day

7 = K7,000/day

6 = K6,000/day

5 = K5,000/day

4 = K4,000/day

3 = K3,000/day <----- Start at this level (go up and down depending on response)

2 = K2,000/day

1 = K1,000/day

99 = No, I would not do this work for these wage rates

HH75	
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11.4	If you were to hire someone to weed a 1 lima field , how much would you have to pay in ZMK?	HH76	
11.5	How many kilometers is your homestead from the point where household members can get vehicular transport ? (<i>1 mile = 1.6 kilometers</i>)	HH77	

The *specify - other* variables have been moved to the end of the HH04.sav file. All specified values were coded into the appropriate variables.

SECTION 1: DEMOGRAPHIC CHARACTERISTICS OF HOUSEHOLD MEMBERS

Table 1.1 Key variables: PROV, DIST, CSA, SEA, HH, MEM Reference Period: The Past 12 months May 2003 to April 2004 File: adults04.sav

ID	Name <i>Pre-enter all adults as specified in 2001 survey questionnaire.</i>	Is this person currently considered a member of this household? <i>I=Yes -> Go to DA03 & ask all questions 2=No</i>	If this person is not a member of this household anymore, why? <i>See code below</i>	How many months in the past 12 months has this person been away from the household? <i>If DA03 = 12 months, ask DA04 to DA09 & then go next member</i>	For individuals who are still alive, DA02 <> 4						Did this person receive cash or payment in kind from salaried employment, wage activities, or pensions between May 2003 & April 2004? <i>I=Yes 2=No</i>	Did this person receive cash from a formal or informal business activity between May 2003 & April 2004? <i>I=Yes 2=No</i>	Has this person been chronically ill and unable to perform hh duties for the past three (3) months? <i>I= Yes 2= No</i>
					In which year was this person born? <i>Note: it should be earlier than 1992</i>	What is the sex of ... ? <i>1=male 2=female</i>	Relationship to current head <i>See code below</i>	Marital Status <i>See codes below</i>	Is attending formal school? <i>I = Yes 2 = No</i>	What is the highest level of education ...completed? <i>See codes below If DA03 = 12, go to next mem</i>			
MEM	NAME	DA01	DA02	DA03	DA04	DA05	DA06	DA07	DA08	DA09	DA10	DA11	DA12
1													
2													

Variable codes:

Reasons for absence (DA02)

- 1=left to find a job
- 2=separated
- 3=married away
- 4=deceased
- 5=divorced
- 6=living with other relatives
- 7=other (specify)
- 8=not given
- 9=never was a member / not known
- 10=established own home
- 11=left with mother
- 12=attend school
- 13=hired worker left
- 14=to look after mother
- 15=disagreed with head
- 16=imprisoned
- 17=treatment

Relationship to head (DA06)

- 1= head
- 2= spouse
- 3= own child
- 4= step child
- 5= parent
- 6= brother/sister
- 7= nephew/niece
- 8= son/daughter-in-law
- 9= brother/sister-in-law
- 10= parent-in-law
- 11= grandchild
- 12= other relative
- 13= unrelated

Marital Status (DA07)

- 1 = single
- 2 = monogamously married
- 3 = polygamously married
- 4 = divorced
- 5 = widowed
- 6 = separated
- 7 = cohabit
- 8 = other (specify)
- 9 = don't know

Education levels (DA09)

- 00=None
- 01=Sub-standard A; Grade 1
- 01=Sub-standard B; Grade 1
- 02=Standard 1; Grade 2
- 03=Standard 2; Grade 3
- 04=Standard 3; Grade 4
- 05=Standard 4; Grade 5
- 06=Standard 5; Grade 6
- 07=Standard 6; Grade 7
- 08=Form 1; Grade 8
- 09=Form 2; Grade 9
- 10=Form 3; Grade 10
- 11= Form 4; Grade 11
- 12= Form 5; Grade 12
- 13= Form 6 Lower
- 14= Form 6 Upper
- 15= College Student
- 16=Undergraduate student
- 17=Certificate/Diploma
- 18= Bachelors Degree
- 19= Masters degree &above

Other var in adults04.sav: var hhhad - Household match to 2001 (0 = matches, 1 = does not match 2001)

1.2 Additional Adults not Listed in 2001 born in or before 1992 (12 years and above)

File: Adults_addit04.sav

ID	Name	How many months in the past 12 months has this person been away from this household?	Was a member of the hh in 2001? <i>1 = Yes-> Go to AD04 2 = No</i>	Why did this new member join the household? <i>See code below</i>	In which year was this person born? <i>Note: it should be 1992 or earlier</i>	What is the sex of? <i>1=male 2=female</i>	Relation-ship to current head <i>See code below</i>	Marital Status <i>See codes below</i>	Is attending formal school? <i>1 = Yes 2 = No</i>	What is the highest level of education completed? <i>See codes below</i>	Did this person receive cash or payment in kind from salaried employment, wage activities, or pensions between May 2003 & April 2004? <i>1=Yes 2=No</i>	Did this person receive cash from a formal or informal business activity between May 2003 & April 2004? <i>1=Yes 2=No</i>	Has this person been chronically ill and unable to perform hh duties for the past three (3) months ? <i>1= Yes 2= No</i>
MEM	NAME	AD01	AD02	AD03	AD04	AD05	AD06	AD07	AD08	AD09	AD10	AD11	AD12
31													
32													
33													

New hh member (AD03)

Relationship to head (AD06)

Marital Status (AD07)

Education levels (AD09)

- 1=married into the family
- 2=returned to hh to help with activities
- 3=returned to the hh because he/she is sick
- 4=hh member missed during 2001
- 5=lost parents
- 6=fostered
- 7=other (specify)
- 8=widowed
- 9=school, to go to
- 10=old age, to be cared for
- 11=divorced
- 12=worker for hh
- 13=followed the parent
- 14=separated
- 15=visiting, decided to stay
- 16=needed help, not sick
- 17=inherited brother's wife

- 1= head
- 2= spouse
- 3= own child
- 4= step child
- 5= parent
- 6= brother/sister
- 7= nephew/niece
- 8= son/daughter-in-law
- 9= brother/sister-in-law
- 10= parent-in-law
- 11= grandchild
- 12= other relative
- 13= unrelated

- 1 = single
- 2 = monogamously married
- 3 = polygamously married
- 4 = divorced
- 5 = widowed
- 6 = separated
- 7 = cohabit
- 8 = other (specify)

- 00=None
- 01=Sub-standard A; Grade 1
- 01=Sub-standard B; Grade 1
- 02=Standard 1; Grade 2
- 03=Standard 2; Grade 3
- 04=Standard 3; Grade 4
- 05=Standard 4; Grade 5

- 06=Standard 5; Grade 6
- 07=Standard 6; Grade 7
- 08=Form 1; Grade 8
- 09=Form 2; Grade 9
- 10=Form 3; Grade 10
- 11= Form 4; Grade 11
- 12= Form 5; Grade 12

- 13= Form 6 Lower
- 14= Form 6 Upper
- 15= College Student
- 16=Undergraduate student
- 17=Certificate/Diploma
- 18= Bachelors Degree
- 19= Masters degree & above

Other var in adults_addit04.sav: var hhhbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

1.3 Children. What are the names of all usual household members below 12 years old (born after 1992)?

Table 1.3 Key variables: *PROV, DIST, CSA, SEA, HH, MEM*

Reference Period: The Past 12 months May 2003 to April 2004

File: child04.sav

ID	Name <i>Start with oldest child</i>	What is the relationship of to the current head? <i>See codes below</i>	Which year was born?	What is the sex of? <i>1= male 2= female</i>	Is attending formal school? <i>1= Yes 2= No</i>	What is the highest level of education completed? <i>See codes below</i>	Is the biological mother of alive? <i>1= Yes 2= No—>Go to DC08</i>	Is the biological mother of a member of this household? <i>1= Yes 2= No—> Go to DC08</i>	MEM # of mother if DC07 is Yes	Is the biological father of alive? <i>1= Yes 2= No—> Go to DC10</i>	Is the biological father of a member of this household? <i>1= Yes 2= No—> Go to DC10</i>	MEM # of father if DC09 is Yes	Has....been chronically ill and unable to perform hh duties for the past three (3) months? <i>1= Yes 2= No</i>
MEM	NAME	DC01	DC02	DC03	DC04	DC05	DC06	DC07	DC07a	DC08	DC09	DC09a	DC10
51													
52													
53													
54													
55													
56													

Relationship to head (DC01)

- 1= head
- 2= spouse
- 3= own child
- 4= step child
- 5= parent
- 6= brother/sister
- 7= nephew/niece
- 8= son/daughter-in-
- 9= brother/sister-in-law
- 10= parent-in-law
- 11= grandchild
- 12=other relative
- 13=unrelated

Education levels (DC05)

- 00=None
- 01=Sub-standard A; Grade 1
- 01=Sub-standard B; Grade 1
- 02=Standard 1; Grade 2
- 03=Standard 2; Grade 3
- 04=Standard 3; Grade 4
- 05=Standard 4; Grade 5
- 06=Standard 5; Grade 6
- 07=Standard 6; Grade 7
- 08=Form 1; Grade 8
- 09=Form 2; Grade 9
- 10=Form 3; Grade 10

Other var in child04.sav: var hbbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

1.4 Previous Deaths within the household (Since April 2000)

1.4.2 Please tell us about them starting from the most recent.

Table 1.4 Key variables: *PROV, DIST, CSA, SEA, HH, PDMEM*

Reference Period: Since April 2001

File:prevDeaths04.sav

ID	Person MEM ID <i>if person is listed in the tables above, copy MEM # from Table 1.1</i>	Write the Name	What was the sex of the deceased? <i>1=Male 2=Female</i>	In which year did this person die? <i>Enter year e.g., 2002</i>	In which month did this person die? <i>See codes below</i>	In which year was this person born? <i>Enter year e.g., 1997</i>	What was the cause of death? <i>See codes below. If PD05 = 14 up to 19, go to PD12</i>	Ask only if the deceased were ill prior to their death. i.e PD05<14 or is =20 or =21 Ask for the symptoms this person had. Keep prompting for possible answers.						Was the household head at the time of his/her death? <i>1= Yes, go to PD14 2= No</i>	What was's relationship to person who was head of the household AT THE TIME he/she died? <i>See codes below</i>	What was's relationship to the CURRENT head of the household? <i>See codes below</i>	What was the highest level of education completed? <i>See code sheet</i>
								Chronic diarrhea	Fever for at least 1 week	Substantial weight loss	Skin rash	infection	Cough				
PDMEM	MEM	NAME	PD01	PD02	PD03	PD04	PD05	PD06	PD07	PD08	PD09	PD10	PD11	PD12	PD13	PD14	PD15
1																	
2																	
Month (PD03)			Cause of death (PD05)				Relationship to head (PD13, PD14)										
1 = January 7 = July			1 = Pneumonia 7 = Fits				1 = head 7 = nephew/niece 13=unrelated										
2 = February 8 = August			2 = Malaria 8 = Mental illness				2 = spouse 8 = son/daughter-in-law										
3 = March 9 = September			3 = TB 9 = Heart disease				3 = own child 9 = brother/sister-in-law										
4 = April 10 = October			4=Chronic diarrhoea 10 = Chest pains				4 = step child 10 = parent-in-law										
5 = May 11 = November			5 = Meningitis 11 = Stomach disease				5 = parent 11 = grandchild										
6 = June 12 = December			6 = Anaemia 12 = Stroke				6 = brother/sister 12 = other relative										
							13 = HIV/AIDS 19 = Other sudden death within 4 days										
							14 = Accident 20 = Do not know										
							15 = Suicide 21 = Other (specify)										
							16 = Murdered 22 = cancer										
							17 = Snake bite 23 = diabetes										
							18 = Old age 24 = yellow fever, typhoid, measles, cholera										
							25 = birth - miscarriage problems										
							26 = witchcraft										
							27 = syphilis, gonorrhoea										
							28 = sores										
							29 = asthma										
							30 = bleeding										
							31 = alcohol										

Other var in prevDeaths04.sav: var hhhbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

SECTION 2: OFF-FARM INCOME AND REMITTANCES (From May 2003 to April 2004)

2.1. We would like to talk about all **ADULT** household members who have earned income from **SALARIED EMPLOYMENT OR INFORMAL WAGE LABOUR ACTIVITIES OR PENSIONS** between May 2003 and April 2004. These activities include all formal salaried employment and all casual labor for which members were paid cash or an in-kind wage, including agricultural and non-agricultural labor. Include also the value of any pensions received from May 2003 to April 2004. Do not include income from business activities, which will be captured on the next page.

Instruction: Please list the IDs (MEM) and names of all persons from the demography Table 1.1 on pages 2 and 3 and Table 1.2 on page 4 who indicated DA10 = Yes and AD10 = Yes, respectively.

Table 2.1 Key Variables: PROV, DIST, CSA, SEA, HH, MEM, WACT Reference Period: May 2003 to April 2004 File: salvage04.sav

Person ID and name		Please list at most 3 most important salaried employment or informal wage labor activities or pensions that this person was involved in at any time from May 2003 to April 2004. <i>See code sheet</i>	Where did the person carry out this activity? <i>See code below</i>	From May 2003 to April 2004, how much cash did the person receive for each month that he or she worked (Kwacha). <i>If he or she did not receive cash in a certain month, enter zero for that month</i>												If the person earned in-kind wages , e.g. food or other goods, please give an approximate total cash value from May 2003 to April 2004
				2003 May	June	July	Aug	Sept	Oct	Nov	Dec	2004 Jan	Feb	Mar	April	
MEM	NAME	WACT	W01	W02	W03	W04	W05	W06	W07	W08	W09	W10	W11	W12	W13	W14

Activity place (W01)

- 1=Within village
- 2=Within district (rural)
- 3=Within district (urban)
- 4=Other district (rural)
- 5=Other district (urban)
- 6=Another country

Other var in salvage04.sav: var hhbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

2.3. Cash Remittances

If the household neither sent/gave nor received any cash from a non-household member or organization, i.e., HH02 = 2 and HH03 = 2, go to 2.4.

Table 2.3.3 We would like to know the TOTAL CASH that was **received or sent/given** between May 2003 and April 2004.

Table 2.3.3 Key Variables: *PROV, DIST, CSA, SEA, HH, RMEM*

Reference Period: *Between May 2003 and April 2004*

File: *remit04.sav*

ID	Name of non-household member receiving cash or sending/giving cash <i>Start by listing the names of non-household members who were sent/given cash from the household and ask R04 if the household received cash from this person.</i>	Relation to head <i>See code below</i>	Where does reside or where can this organization be found? <i>1=within village 2=within district (rural) 3=within district (urban) 4=other district (rural) 5=other district (urban) 6=another country</i>	Amount of cash in ZMK sent/given by this household to a non-household member or organization between May 2003 and April 2004.	Amount of cash in ZMK received by this household from a non-household member or organization between May 2003 and April 2004.
RMEM	Name	R01	R02	R03	R04
1					
2					
3					

Relationship to head (R01)

1= head	4= step child	7= nephew/niece	10= parent-in-law	13= unrelated
2= spouse	5= parent	8= son/daughter-in-law	11= grandchild	14= GRZ
3= own child	6= brother/sister	9= brother/sister-in-law	12= other relative	15= NGO/Church

Other var in remit04.sav: var hbbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

2.4 GIFTS, GRANTS, FOOD AID We would like to know the type of gift, the source and the total value of what was *received or sent/given* by your household between May 2003 and April 2004. *Do not include in-kind payments or receipts, except food for work which is considered food aid.*

Table 2.4.1 Key Variables: PROV, DIST, CSA, SEA, HH, GNUM, G01

Reference Period: The Last 12 Months, between May 2003 and April 2004.

File: gg_foodaid04.sav

Gifts, grants or food aid sent or received 1=Sent commodity 2=Received commodity	What commodity (food & non food) was sent/given or received? <i>See codes below</i> <i>If non-food item (GNUM >= 14), skip to G06 after asking either g01 or c01</i>	Who did you give this gift to? <i>See codes below</i>	Source of commodity received <i>See codes below</i>	<i>Ask for <u>food items only</u>.</i> What quantity was sent/given?		<i>Ask for <u>food items only</u>.</i> If you were to sell this commodity, how much would it fetch?		<i>Ask for <u>non-food items only</u>.</i> What would have been the total value of the item sent/received in ZMK?
				Quantity	Unit <i>See code sheet</i>	Cost (ZMK) per unit	Unit <i>See code sheet</i>	
GG	GNUM	G01	C01	G02	G03	G04	G05	G06

Commodities received or sent (GNUM)

0= none	12 = wheat	24= house wares	36= clocks/radio
1= maize grain	13 = groundnuts	25= bicycle	37= meat
2= mealie meal	14 = seed	26 = bread	38= money
3= cassava tubers	15 = fertilizer	27= fish	39= groceries
4= cassava chips or flour	16 = cassava cuttings	28= millet	40= vehicles/parts for vehicles
5= sorghum grain or flour	17 = other planting materials	29= soap	41= sunflowers
6= sweet potato	18= implements	30= salt	42= sugar cane
7= cooking oil	19= sweet potato vines	31= sugar	43= milk
8= rice	20= clothing/salaula	32= charcoal	44= fishing nets
9= beans	21= animals	33= cowpeas	45= cooking oil
10= soya	22= beddings	34= fruit	46= other miscellaneous
11= kapenta	23= other (specify)	35= vegetables	47=not specified

Recipients of gifts(G01)

1= relatives outside household
2= non-relatives outside household
3= organization, e.g. church
4= other (specify)
5= not specified

Source of gift (C01)

1 = food aid for free
2 = food aid for work
3 = relative
4 = non-related individual
5 = other (specify)
6 = Church
7 = NGO

Other var in gg_foodaid04.sav: var hhbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

SECTION 3: FARM LAND AND USE

3.2 Farm Land and Use According to the sketch, the respondent indicated that the household had _____ fields in the 2002/2003 agricultural season.

Enumerator: Please summarize the data from the sketch in the following table and ask additional questions on each field. Include gardens and orchard fields. Exclude all mono-cropped cassava fields.

Table 3.2 Key Variables: PROV, DIST, CSA, SEA, HH, FIELD. Reference Period: The Last THREE Agricultural Seasons (2001/2002 to 2003/2004 seasons).

File: field04.sav

All these questions refer to the 2002/2003 Agricultural Season Ask for all crops.																What main crop or use did you put this field to in 2001/2002?	What did you do to the crop residues from the main crop of 2001/2002?	What main crop or use did you put this field to in 2003/2004?	
Field ID	What main crop or use did you put this field to in 2002/2003? <i>See codes below</i> <i>If F01>23, go to F15</i>	Did this field have a crop mixture (inter-cropped)? <i>1 = Yes</i> <i>2 = No</i>	What was the main tillage method used? <i>1 = conventional hand hoeing</i> <i>2 = planting basins</i> <i>3 = zero tillage</i> <i>4 = ploughing</i> <i>5 = ripping</i> <i>6 = ridging</i> <i>7 = bunding</i>	What was the main type and source of power used for this tillage? <i>See codes below</i>	When was tillage done? <i>1=before the rains</i> <i>2=during the rainy season</i>	How many weeks after planting did you finish the 1 st weeding? Exclude sweet potatoes	How many complete weedings did you do in this field?	Did you apply manure?		How many kgs of lime did you apply? <i>(Enter "0" if they did not apply)</i>	What type and quantity of basal dressing fertilizer did you apply? <i>Enter 0 for none</i>		What type and quantity of top dressing fertilizer did you apply? <i>Enter 0 for none</i>		Type <i>See codes below</i> KGs	Type <i>See codes below</i> KGs	Enter "50" if field was new to the household.	<i>See codes below</i>	<i>See crop/use codes below</i>
								Animal manure? <i>1 = Yes</i> <i>2 = No</i>	Plant manure? <i>1 = Yes</i> <i>2 = No</i>		Type <i>See codes below</i> KGs	Type <i>See codes below</i> KGs							
FIELD	F01	F02	F03	F04	F05	F06	F07	F08	F09	F10	F11	F12	F13	F14	F15	F16	F17		
1																			
2																			
3																			

Crop code or Use Codes (F01; F15; F17)

- 0= None
- 1 = Maize
- 2 = Sorghum
- 3 = Rice
- 4 = Millet
- 5 = Sunflower
- 6 = Groundnuts
- 7 = Soyabeans
- 8 = Seed cotton
- 9 = Irish potato
- 10 = Virginia Tobacco
- 11 = Burley tobacco
- 12 = Mixed beans
- 13 = Bambara nuts
- 14 = Cowpeas
- 15 = Velvet beans
- 16 = Coffee

- 17 = Sweet potatoes
- 18 = Cassava
- 19 = Kenaf
- 20 = Cashew nut
- 21 = Other crop (specify)
- 22 = Paprika
- 23 = Garden

- 24 = Natural fallow
- 25 = Improved fallow
- 26 = Rented/lent out
- 27 = Orchard
- 28 = Virgin
- 29 = Watermelon
- 50 = New field
- 60 = Popcorn
- 61 = Sugarcane
- 62 = Sugar beans
- 63 = Green gum
- 64 = Guinea peas

Source of power (F04)

- 1 = own animals
- 2 = hired/borrowed animals
- 3 = own mechanical
- 4 = hired/borrowed mechanical
- 5 = household labor
- 6 = hired labor

Basal fert (F11)

- 0 = None
- 1 = Cmpd D
- 2 = Cmpd X
- 3 = Cmpd S
- 4 = TSP
- 5 = SSP
- 6 = Cmpd R
- 7 = Do not know
- 8 = Other (specify)

Top dressing fert (F13)

- 0 = None
- 1 = Urea
- 2 = Ammonium Nitrate
- 3 = CAN
- 4 = Do not know
- 5 = Other (specify)

Residues management (F16)

- 1 = burned them
- 2 = left them in the field
- 3 = collected for animal feed
- 4 = fed to animals in field
- 5 = threw them away
- 6 = fed to animals & burned remains
- 7 = not applicable

Other var in field04.sav: var hhhbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

3.4 Crop Management - Input Application And Harvest (all cropped fields, excluding cassava)

Enumerator: Transfer field numbers from page 13 for mono-cropped fields. Ask the following questions for all the fields the household MONO-CROPPED in 2002/2003 Agricultural season.

Table 3.4 Key Variables: PROV, DIST, CSA, SEA, HH, FIELD, CROP. Reference Period: The Last Agricultural Season (2002/2003 Season). File: crop04.sav

Field ID	Crop Code <i>Copy F01 from table 3.2</i>	Area under each crop				What main seed variety did you use? <i>See code sheet</i>	What was the source of most of the seed? <i>See code below</i>	What main transaction did you use to get seed? <i>See codes below</i>	What quantity of seed did you plant? Do not ask for tubers and tobacco		When did you finish planting this crop?		How much of this crop did you harvest from each field?			
		Quantity	Unit 1 = Lima 2 = Acre 3 = Ha	Conversion value to convert to ha	Total hectares				Quantity planted	Unit <i>See code sheet</i>	Month <i>See codes sheet</i>	Week 1 = 1 st week 2 = 2 nd week 3 = 3 rd week 4 = 4 th week	Quantity harvested	Unit <i>See codes below</i>	Measured conversion value	Total kg harvested
field	crop	cm01	cm02	cm02conv	hect	cm03	cm04	cm05	cm06	cm07	cm08	Cm09	cm10	cm11	Cm11conv	totkghrv

Crop code or Use Codes (Crop)

- 1 = Maize
- 2 = Sorghum
- 3 = Rice
- 4 = Millet
- 5 = Sunflower
- 6 = Groundnuts
- 7 = Soyabeans
- 8 = Seed cotton
- 9 = Irish potato
- 10 = Virginia tobacco
- 11 = Burley tobacco
- 12 = Mixed beans
- 13 = Bambara nuts
- 14 = Cowpeas
- 15 = Velvet beans
- 16 = Coffee
- 17 = Sweet potatoes
- 18 = Cassava
- 19 = Kenaf
- 20 = Cashew nut
- 21 = Other crop (specify)
- 22 = Paprika
- 25 = Improved fallow

Main source of seed (CM04)

- 1=Private retailer
- 2=Seed company
- 3=NGOs
- 4=Govt food security pack
- 5=Govt fertilizer support program
- 6=Friends and relatives
- 7=Own harvest
- 8=Outgrower
- 9=Other (specify)

Main transaction for seed (CM05)

- 1 = Cash purchase
- 2 = Loan
- 3 = Barter
- 4 = Grant/gift/free
- 5 = Own harvest

Unit Code (CM07, CM11)

- 1=90kg bag
- 2=50kg bag
- 3=25kg bag
- 4=10kg bag
- 5=20lt tin
- 6=90kg bag unshelled
- 7=50kg bag unshelled
- 8=25kg bag unshelled
- 9=10 kg bag unshelled
- 10=20lt tin unshelled
- 11=5lt gallon
- 12=MEDA
- 13=bunches
- 14=MUCHUMBU
- 15=ka B.P.
- 16=crates
- 17=tonnes
- 18=boxes
- 19=number
- 20=kilogram

Other var in crop04.sav: var hhbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

SECTION 4: CROP STOCKS AND SALES (2002/2003 Agricultural Season) *exclude cassava*

Enumerator: Ask the following questions for all crops the household harvested in the 2002/2003 agricultural season from pages 14 and 15 excluding cassava. Include payments made with commodities in exchange for labor and other services.

Table 4.1 Key Variables: PROV, DIST, CSA, SEA, HH, CROP. Reference Period: Last agricultural season 2002/2003. File: sold_stocks04.sav

Enter the crop codes for all crops harvested last season (2002/2003) from Table 3.3, page 14 and Table 3.4, page 15 <i>See codes below</i>	Since May 2003, did the HH sell or exchange any of this crop? <i>I=Yes 2=No---> go to S11</i>	How much of this crop did the HH sell for cash and/or barter for goods and/or labor since May 2003?				Ask the following questions for the <u>largest cash/barter transaction</u>										Did this HH have any of this last season's crop in storage by the end of April 2004? <i>I= yes 2 = No-> Go to S14</i>	How much did the HH have in storage by end of April 2004?				Ask only if S11 = 2 for FOOD crops When did the HH run out of stocks from own production?	
		Quantity sold	Unit <i>See codes below</i>	Measured conversion value	Total kgs sold	When did the household sell?		What type of buyer did the HH sell to? <i>See codes below</i>	Where did this transaction take place? <i>See codes below</i>	How far is this location from your homestead? <i>(1 mile =1.6 kilometer)</i>	What was the price per unit for the largest cash transaction?			Quantity in storage	Unit <i>See codes below</i>		Measured conversion value	Total kgs stored	Year	Month <i>See code below</i>		
						Year	Month <i>See codes below</i>				ZMK	Unit <i>See codes below</i>	Measured conversion value									
crop	S01	S02	S03	S03conv	totkgsld	S04	S05	S06	S07	S08	S09	S10	S10conv	S11	S12	S13	S13conv	totkgsto	S14	S15		

- | | | | | | | | | | | | | | |
|-------------------|----------------------------------|---------------------------|------------|-----------------------|-------------------------------|--------------|---------------|-----------------------|-----------------------------|--|--|--------------------------------------|--|
| Crop Codes | Unit Code (S03, S10, S13) | | | | Month codes (S05; S15) | | | | Buyer codes (S06) | | | Location of transaction (S07) | |
| 1 = Maize | 8 = Seed cotton | 15 = Velvet beans | 1=90kg bag | 6=90kg bag unshelled | 14=MUCHUMBU | 1 = January | 7 = July | 1 = Trader | 1 = Within village | | | | |
| 2 = Sorghum | 9 = Irish potato | 16 = Coffee | 2=50kg bag | 7=50kg bag unshelled | 15=ka B.P. | 2 = February | 8 = August | 2 = Other households | 2 = Within district (rural) | | | | |
| 3 = Rice | 10 = Virginia tobacco | 17 = Sweet potatoes | 3=25kg bag | 8=25kg bag unshelled | 16=crates | 3 = March | 9 = September | 3 = Govt agency/FRA | 3 = Within district (urban) | | | | |
| 4 = Millet | 11 = Burley tobacco | 18 = Cassava | 4=10kg bag | 9=10 kg bag unshelled | 17=tonnes | 4 = April | 10 = October | 4 = NGO | 4 = Other district (rural) | | | | |
| 5 = Sunflower | 12 = Mixed beans | 19 = Kenaf | 5=20lt tin | 10=20lt tin unshelled | 18=boxes | 5 = May | 11 = November | 5 = Cooperative Union | 5 = Other district (urban) | | | | |
| 6 = Groundnuts | 13 = Bambara nuts | 20 = Cashew nut | | 11=5lt gallon | 19=number | 6 = June | 12 = December | 6=Outgrower | 6 = Another country | | | | |
| 7 = Soybeans | 14 = Cowpeas | 21 = Other crop (specify) | | 12=MEDA | 20=kilogram | | | 7= Other (Specify) | | | | | |
| | | 22 = Paprika | | 13=bunches | | | | | | | | | |

Other var in sold_stocks04.sav: var hhbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

4.2 Cassava production and marketing *Look on the sketch on page 11 to see if the hh had any cassava fields in 2002/2003. If there are no cassava fields, go to Q 4.3.*

4.2.1 Please tell us about your cassava production.

Table 4.2 *Key Variables: PROV, DIST, CSA, SEA, HH, FIELD. Reference period: Open but for harvest and sales, period is between May 2003 and April 2004.*

File: cassava04.sav

Cassava field number <i>Record field number from sketch on page 11</i>	What variety of cassava was planted in this field? <i>See code sheet</i>	What is the area planted?				When did you plant this field?		Is the cassava in this field mature? <i>1 = Yes 2 = No -> go to next field</i>	What quantity of raw cassava did you harvest between May 2003 and April 2004 <i>Record quantity harvested in 50 kg bag units.</i>	What quantity of raw cassava could you have harvested if you had decided to harvest everything from this field? <i>Record quantity to be harvested in 50 kg bag units.</i>
		Quantity	Unit <i>1 = lima 2 = acre 3 = ha</i>	Conversion value to hectares	Total Hectares	Year	Month <i>See codes below</i>			
field	CS01	CS02	CS03	ha_conv	hect	CS04	CS05	CS06	CS07	CS08

Month codes (CS05)

- 1 = January 7 = July
- 2 = February 8 = August
- 3 = March 9 = September
- 4 = April 10 = October
- 5 = May 11 = November
- 6 = June 12 = December

Other var in cassava04.sav: var hhhbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

4.3 Vegetable and Fruit Sales

Please now tell us about the **VALUE of fruits and vegetables** you sold from the household's **own production** between May 2003 and April 2004.

Table 4.3 Key Variables: PROV, DIST, CSA, SEA, HH, VF01, VF02 Reference Period: Between May 2003 and April 2004

File: veg_fruit04.sav

	Vegetable/ Fruit Code <i>See codes below</i>	How many months in the last 12 months did you sell this product	What was the average value of sales per month
Vegetable/Fruit Name	VF01	VF02	

FRUITS

48 = Tangerines
 23 = Oranges
 24 = Bananas
 25 = Pineapple
 26 = Guavas
 27 = Paw Paws
 28 = Avocado
 29 = Watermelon
 30 = Mangoes
 31 = Other fruit (grapefruit, lemons, etc.)

VEGETABLES

32 = Cabbage
 33 = Rape
 34 = Spinach
 35 = Tomato
 36 = Onion
 37 = Okra
 38 = Eggplant
 39 = Pumpkin
 40 = Chilies
 41 = Chomoli

42 = Cauliflower
 43 = Carrots
 44 = Lettuce
 45 = Green beans
 46 = Green maize
 47 = Other vegetables

Other var in veg_fruit04.sav: var hbbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

SECTION 5: FOOD PURCHASES AND PROCESSING (May 2003 to April 2004)

5.1 Please tell us the food that you purchased or bartered into your possession for your home consumption between May 2003 and April 2004

5.2

Table 5.1 Key Variables: PROV, DIST, CSA, SEA, HH, PURCH**Reference Period: Between May 2003 and April 2004****File: purch04.sav**

Product purchased/ bartered in <i>Enumerator: Ask specifically about each product</i>		Between May 2003 and April 2004 did this household purchase/ barter this product for home consumption? <i>1=Yes 2=No ----> go to next product</i>	Counting both cash purchases and barter, how much of this product did you buy between May 2003 and December 2003? (8 months)					Counting both cash purchases and barter, how much of this product did you buy between January 2004 and April 2004? (4 months)							
			Quantity purchased and/or bartered in			Most important supplier		Quantity purchased and/or bartered in			Most important supplier				
			Quantity	Unit <i>See codes below</i>	Price of last cash purchase		Type of supplier <i>See codes below</i>	Location of transaction <i>See codes below</i>	Quantity	Unit <i>See codes below</i>	Price of last cash purchase		Type of supplier <i>See codes below</i>	Location of transaction <i>See codes below</i>	
ZMK	Unit	ZMK			Unit										
PURCH		P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	
maize grain	1														
packaged roller meal	2														
packaged breakfast meal	3														
maize meal from grinding	4														
millet	5														
sorghum	6														
rice	7														
sweet potatoes	8														
raw cassava	9														
cassava chips	10														
cassava flour	11														
Unit Codes (P03, P05, P09, P11)					Type of supplier code (P06, P12)				Location of transaction (P07, P13)						
1=90kg bag	6=90kg bag unshelled	11=5lt gallon	16=crates	1=Trader	6=Other (specify)	1=Within village		2=Within district (rural)		3=Within district (urban)		4=Other district (rural)		5=Other district (urban)	
2=50kg bag	7=50kg bag unshelled	12=MEDA	17=tonnes	2=Other household	7=Commercial farm	2=Within district (rural)		3=Within district (urban)		4=Other district (rural)		5=Other district (urban)		6=Another country	
3=25kg bag	8=25kg bag unshelled	13=bunches	18=boxes	3=Government agency/FRA	8=Employer	3=Within district (urban)		4=Other district (rural)		5=Other district (urban)		6=Another country			
4=10kg bag	9=10 kg bag unshelled	14=MUCHUMBU	19=number	4=NGO e.g., Church	9=Not specified	4=Other district (rural)		5=Other district (urban)		6=Another country					
5=20lt tin	10=20lt tin unshelled	15=ka B.P.	20=kilogram	5=Cooperative		5=Other district (urban)		6=Another country							
Conversion variables and computed variables:															
Conversion value to kgs for p03	Total kgs purchased in period 1	Conversion value to kgs for p05	Total kgs purchased for period 2	Conversion value to kgs for p11	Total kgs purchased for year (sum of kgsp1 and kgsp2)										
p03conv	kgsp1	p05conv	kgsp2	p11conv	kgstot										

Other var in purch04.sav: var hhhbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

5.2 Food for household consumption obtained as payment for labor and other services

Instruction: Ask for the food that the household obtained in exchange for labor or other services (e.g., ploughing) for home consumption between May 2003 and April 2004.

Exclude food obtained from food for work.

Table 5.2 Key Variables: PROV, DIST, CSA, SEA, HH, LPURCH Reference Period: Between May 2003 and April 2004.

File: food_pay04.sav

Product obtained as payment for labor and other services <i>Enumerator: Ask specifically about each product</i>	Between May 2003 and April 2004 did the household obtain for home consumption as payment for labor or other services rendered? <i>1=Yes 2=No ----> go to next product</i>	What quantity of this product did you obtain as payment for labor or other services rendered between May 2003 and December 2003? (8 months)				What quantity of this product did you obtain as payment for labor or other services rendered between January 2004 and April 2004? (4 months)				Total kgs for the year as payment
		Quantity	Unit See codes below	Conversion Value	Total kgs for the 8 month period	Quantity	Unit See codes below	Conversion Value	Total kgs for the 4 month period	
LPURCH	LP01	LP02	LP03	lp03 conv	totkg_8m	LP04	LP05	lp05 conv	totkg_4m	yr_totkg
maize grain	1									
packaged roller meal	2									
packaged breakfast meal	3									
maize meal from grinding mill	4									
millet	5									
sorghum	6									
rice	7									
sweet potatoes	8									
raw cassava	9									
cassava chips	10									
cassava flour	11									

Unit Codes (LP03, LP05)

1=90kg bag	6=90kg bag unshelled	11=5lt gallon	16=crates
2=50kg bag	7=50kg bag unshelled	12=MEDA	17=tonnes
3=25kg bag	8=25kg bag unshelled	13=bunches	18=boxes
4=10kg bag	9=10 kg bag unshelled	14=MUCHUMBU	19=number
5=20lt tin	10=20lt tin unshelled	15=ka B.P.	20=kilogram

Other var in food_pay04.sav: var hhbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

5.3 Maize Grain Processing

Please tell us which of the following **products** you **obtained** from **maize grain**.

Table 5.3.1 Key variables: *PROV, DIST, CSA, SEA, HH, PROD*

Reference Period: Between May 2003 and April 2004. File: prod_maize04.sav

Products obtained	Product code	From your maize grain (harvested, purchased or received) did you get the following products between May 2003 and April 2004 ? <i>1 = Yes</i> <i>2 = No-> go to next product</i>	If YES , which processing method did you use most frequently ? <i>1 = Hammer mill</i> <i>2 = Home preparation, then hammer milled</i> <i>3 = Home processing by pounding</i> <i>4 = Home processing by hand mill</i>
	PROD	PR01	PR02
Straight Run (Mugaiwa)	1		
Refined Meal (wetting, dehulling, without soaking and milling/pounding)	2		
Super Refined Meal (wetting, dehulling, soaking and milled/pounded)	3		
Samp (maize grits)	4		

Other var in prod_maize04.sav: var hbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

6.6 Please tell us about the **acquisition of fertilizer** by the household in **2002/2003 and 2003/2004** agricultural seasons including acquisition **through cash, credit and gift/grant**. Ask for the first season (2002/2003) all the channels, then ask for the second season (2003/2004) for which the household acquired fertilizer.

Table 6.6 Key Variables: **PROV, DIST, CSA, SEA, HH, FERTCH**. Reference Period: **The Last TWO Agricultural Seasons (2002/2003 and 2003/2004 Seasons)**.

File: fertacq04.sav

TRANSACTION CHANNEL		2002/2003 Agricultural season					2003/2004 Agricultural Season						
		Did the hh acquire fertilizer from this source? <i>1= Yes 2= No -> go to next channel</i>	How far is the point of collection to the homestead in kilometers? <i>(1 mile =1.6 kilometers)</i>	What quantity of fertilizer did you acquire?		Was fertilizer from this channel available at the time you needed it?		Did the hh acquire fertilizer from this source? <i>1= Yes 2= No -> go to next channel</i>	How far is the point of collection to the homestead in kilometers? <i>(1 mile =1.6 kilometers)</i>	What quantity of fertilizer did you acquire?		Was fertilizer from this channel available at the time you needed it?	
				Basal dressing (kg)	Top dressing (kg)	Basal <i>1 = Yes 2 = No 3 = NA</i>	Top <i>1 = Yes 2 = No 3 = NA</i>			Basal dressing (kg)	Top dressing (kg)	Basal <i>1 = Yes 2 = No 3 = NA</i>	Top <i>1 = Yes 2 = No 3 = NA</i>
FERTCH		FR01	FR02	FR03	FR04	FR05	FR06	FR07	FR08	FR09	FR10	FR11	FR12
Govt FSP cash program through coops and farmer associations	1												
Govt FSP loan program through coops and farmer associations	2												
Direct commercial exchange/barter	3												
Commercial cash purchases	4												
Govt. Food Security Pack (PAM)	5												
Other sources of free fertilizer	6												
Commercial fertilizer loan	7												

Other var in fertacq04.sav: var hbbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

SECTION 8: ADVICE PROVISION

8.1 Please tell us about the **advice you received** from **organizations, private agents or individual farmers.**

Table 8.1 Key Variables: *PROV, DIST, CSA, SEA, HH, SRCODE* Reference Period: *OPEN.* File: *service04.sav*

Professional Advice	Advice code	Have you ever...? <i>1 = Yes 2 = No---> go to next advice</i>	Who was the most important supplier or organizer of this advice? <i>See code sheet</i>	How did the household receive this advice? <i>1=Informal conversation 2=Radio program 3=Pamphlet/newspaper 4=Workshop 5=Field Day 6 =Demonstration plot 7 =Other (specify) 8=Visit 9=Meeting 10=Training program 11=Not specified</i>	Did you use this advice in 2002/2003 agricultural season? <i>1=Yes 2=No</i>	Did you use this advice in 2003/2004 agricultural season? <i>1=Yes 2=No</i>
	SRCODE	SR01	SR02	SR03	SR04	SR05
Received any advice to plant 20 kg/ha (or 5 kg/lima) of hybrid maize seed?	1					
Received any advice to apply 4x4 bags / ha (or 1x1 bags / lima) of basal & top dressing fertilizer	2					
Received any advice on practicing minimum tillage (planting basins or ripping)?	3					
Received any advice to leave crop residues in the field ?	4					
Received any advice on nitrogen-fixing crop rotation ?	5					

Other var in service04.sav: var hbbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

SECTION 9. HOUSEHOLD PRODUCTION ASSETS/IMPLEMENTS

9.1 Please tell us about the type and number of assets or implements in working condition owned by the household.

Table 9.1 Key Variables: **PROV, DIST, CSA, SEA, HH, ASSET** Reference period: Last Agricultural Season 2002/2003 and NOW. File: asset04.sav

Type of Assets	Asset code	Did you own as at 1 st May 2003? <i>1 = Yes</i> <i>2 = No---> go to AST03</i>	How many.....did you have in working condition as at 1 st May 2003? <i>(Enter "0" if none)</i>	How many do you have in working condition NOW (30 April 2004)? <i>(Enter "0" if none and go to next asset)</i>	If you were to sell all of these..... how much would they fetch in total NOW (end of April)? <i>(Enter the value in Kwacha)</i>
	ASSET	AST01	AST02	AST03	AST04
Ox-drawn ploughs	1				
Disc ploughs	2				
Harrows	3				
Cultivators	4				
Rippers	5				
Tractors	6				
Hand driven tractors	7				
Scotch carts	8				
Water pumps	9				
Trucks / lorries	10				
Pick-ups / vans / cars	11				
Trailer truck / tractor	12				
Motorcycles	13				
Bicycles	14				
Hammer mills	15				
Hand hammer mills	16				
Rump presses/ oil expellers	17				
Sprayers	18				
Shellers	19				

Other var in asset04.sav: var hbbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

SECTION 10. LIVESTOCK, POULTRY AND FISH FARMING

10.1 Please tell us the **livestock** that this **household owned** between **May 2003 and April 2004**.

Enumerator: Ask specifically about each livestock

Table 10.1 Key Variables: **PROV, DIST, CSA, SEA, HH, LSTOCK**

Reference period: Between May 2003 and April 2004.

File: livestock04.sav

Livestock Owned	Livestock code	Do you own this animal? <i>1=yes 2=no</i>	How many were owned by the household as at 1st May 2003 ? <i>(Enter "0" if none)</i>	How many are owned by the household NOW ? <i>(Enter "0" if none)</i>	Between May 2003 and April 2004, how many died due to illness ? <i>(Enter "0" if none died)</i>	Between May 2003 and April 2004 how many were sold as live animals or for slaughter ? <i>(Enter "0" if none and go to next livestock)</i>	The last time the HH sold, how many were sold ? <i>(Enter the number)</i>	The last time the HH sold, how much did the HH receive in total in ZMK ?
	LSTOCK	LS00	LS01	LS02	LS03	LS04	LS05	LS06
Cattle	01							
Cows	02							
Heifers	03							
Bulls	04							
Untrained Oxen	05							
Trained Oxen	06							
Steers/tollies	07							
Calves	08							
Pigs	09							
Goats	10							
Sheep	11							
Donkeys	12							
Chickens	13							
Guinea Fowls	14							
Ducks & Geese	15							
Rabbits	16							

Other var in livestock04.sav: var hhbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

10.2 MILK, EGG AND FISH PRODUCTION AND SALES BETWEEN MAY 2003 AND APRIL 2004

Table 10.2 Key Variables: *PROV, DIST, CSA, SEA, HH, MEF*. Reference Period: *Between May 2003 and April 2004*.File: *milk_egg_fish04.sav*

		Quantity produced and quantity sold in each month, if any											What was the last price the HH received? ZMK/liter or ZMK/egg	
		2003 May	June	July	Aug	Sept	Oct	Nov	Dec	2004 Jan	Feb	Mar		April
MEF		LV01	LV02	LV03	LV04	LV05	LV06	LV07	LV08	LV09	LV10	LV11	LV12	LV13
How many liters of milk did the HH produce in each month ?	1													
How many liters of fresh milk did the HH sell for cash & barter in each month ?	2													
How many liters of sour milk did the HH sell for cash & barter in each month ?	3													
How many eggs did the HH produce in each month ?	4													
How many eggs did the HH sell in each month ?	5													
How much revenue did the household receive from selling fish from fish ponds ?	6													
What would have been the value of fish from fish ponds consumed by the household each month if the household was to sell them?	7													

Other var in milk_egg_fish04.sav: var hbbad - Household match to 2001 (0 = matches, 1 = does not match 2001)

CODE SHEET

Crop Codes	Unit Codes	Education Levels (DA09, AD09, PD15)	Salaried Employment or Informal Wage Labour Activities (WACT)	Formal or Informal Business Activities (BACT)	Service Providers (SR02)
<p><u>CROP</u> 1=Maize 2=Sorghum 3=Rice 4=Millet 5=Sunflower 6=Groundnuts 7=Soyabean 8=Seed cotton 9=Irish potato 10=Virginia tobacco 11=Burley tobacco 12=Mixed beans 13=Bambara nuts 14=Cowpeas 15=Velvet Beans 16=Coffee 17=Sweet potatoes 18=Cassava 19=Kenaf 20=Cashew nut 21=Other crops 22=Paprika</p> <p><u>FRUIT</u> 48=Tangerines 23=Oranges 24=Bananas 25=Pineapple 26=Guavas 27=Paw Paws 28=Avocado 29=Water Melon 30=Mangoes 31=Other fruit</p> <p><u>VEGETABLE</u> 32=Cabbage 33=Rape 34=Spinach 35=Tomato</p>	<p>1=90kg bag 2=50kg bag 3=25kg bag 4=10kg bag 5=20lt tin 6=90kg bag unshelled 7=50kg bag unshelled 8=25kg bag unshelled 9=10kg bag unshelled 10=20lt tin unshelled 11=5lt gallon 12=MEDA 13=bunches 14=Muchumbu 15=ka B.P 16=crates 17=tonnes 18=boxes 19=number 20=kg 21=litres</p> <p>Veg (Cont...) 36=Onion 37=Okra 38=Eggplant 39=Pumpkin 40=Chilies 41=Chomoli 42=Cauliflower 43=Carrots 44=Lettuce 45=Green beans 46=Green maize 47=Other vegetables</p>	<p>0=None 1=Sub-standard A; Grade 1 1=Sub-standard B; Grade 1 2=Standard 1; Grade 2 3=Standard 2; Grade 3 4=Standard 3; Grade 4 5=Standard 4; Grade 5 6=Standard 5; Grade 6 7=Standard 6; Grade 7 8=Form 1; Grade 8 9=Form 2; Grade 9 10=Form 3; Grade 10 11= Form 4; Grade 11 12=Form 5; Grade 12 13=Form 6 Lower 14=Form 6 Upper 15=College Student 16=University Undergraduate Student 17=Tertiary Certificate; Diploma 18=Bachelors Degree 19=Masters Degree and Above.</p>	<p>1=on smallholder farm 2=on commercial farm 3=in factory 4=in a mine 5=other industrial work 6=teacher 7=other civil servant 8=clerk 9=shop attendant 10=non agricultural piece work 11=pension 12=other</p> <p><u>Month Codes (CS05,CM08, HH 12, HH 22)</u> 1= January 2= February 3= March 4= April 5= May 6= June 7= July 8= August 9= September 10= October 11= November 12= December</p>	<p>1=agricultural trading 2=livestock trading 3=retailer/shop owner 4=marketer/hawker/vendor 5=firewood/charcoal production 6=carpentry 7=builder 8=local brewing 9=butchery(all meats including game, cooked or uncooked) 10=ag services (e.g., ploughing, planting, spraying) 11=milling 12=oil processing 13=agro-processing 14=tailor 15=bicycle repair 16=weaving 17=blacksmithing 18=traditional doctor 19=fishing and selling 20=precious stone mining (small scale) 21=other</p>	<p><u>MAFF</u> 1=MAFF Extension 2=Rural Investment Fund(RIF) 3=SCAFE 4=Other MAFF Agents 5=FRA cooperative</p> <p><u>PRIVATE FIRMS</u> 6=Lonhro/Dunavant 7=Clark Cotton 8=Amaka 9=Other Outgrowers 10=Private Dealers / Transporters / Traders 11=Commercial Banks</p> <p><u>NGOs</u> 12=CLUSA Group 13=ZNFU 14=CARE 15=World Vision 16=Economic Expansion in Outlying Areas 17=Church based Group 18=HODI 19=ICAZ (Institute of Cultural Affairs of Zambia) 20=Other NGOs 21=Locally organized group 22=Fellow farmers 23=Not applicable</p>

Cassava Varieties Codes (CS01)	Cassava Varieties Codes (CS01)	Cassava Varieties Codes (CS01)
<u>Improved Varieties</u> 1=Bangweulu 2=Nalumino 3=Kapumba 4=Chila 5=Mweru 6=Tanganyika <u>Local Varieties</u> 7=Mwakumoya 8=Chilimabeni 9=Mun'ganga 10=Lunduluka 11=Mwabikasanga 12=Lutundwe 13=Sendamina 14=Kasangami 15=Mukaka 16=Mutobamputa 17=Mushinge 18=Mbelekwa 19=Kabala 20=Belyati 21=Sangachila 22=Bunganabutuba 23=Chinkondya 24=Bwelela 25=Improved other 26=Local other 27=Do not know 28=Other (specify) 29=Busumani 30=Chalwe mwika 31=Chamba 32=Chandwa 33=Chanta 34=Chibunganga 35=Chifita	36=Chipala 37=Chipyapya 38=Isangano 39=Kabalaushi 40=Kaboke 41=Kalundu 42=Laluunga 43=Kasakata 44=Kasasa 45=Katali 46=Katamba 47=Katongo 48=Lilanda 49=Losa Namukuni 50=Lubuta 51=Luwingu 52=Lyongo 53=Makasa 54=Manyopola 55=Mapona 56=Masabwa 57=Mashila 58=Masonge 59=Mbula 60=Mofya Mabo 61=Mpemba 62=Mukuni 63=Muti Lunga 64=Mwaka 65=Mwanakazembe 66=Mwansa Mfungo 67=Mwikala FwiFwi 68=Namabele 69=Nasambwa 70=Naselu 71=Natolo 72=Ngulula 73=Njemba 74=Nyalimboto 75=Nyanta	76=Panta 77=Rosa 78=Sakaliya 79=Sangano 80=Shijau 81=Ta,ba;a;a 82=Tambula 83=Chipasha

Seed variety codes (CM03)				
<p>Maize</p> <p><u>ZAMSEED</u></p> <p>1 = Pool 16 2 = MMV 400 3 = GV 412 4 = MM 441 5 = GV 470 6 = GV 408 7 = MM 501 8 = MM 502 9 = MM 601 10 = MM 603 11 = MM 604 12 = GV 512 13 = GV 607 14 = GV 702 15 = GV 703 16 = GV 722 17 = MM 752 18 = GV 704 19 = GV 61 Yellow</p> <p><u>PANNAR</u></p> <p>20 = PAN 6363 - Chipolopolo 21 = PAN 6549 - Mr. Reliable 22 = PAN 67 - African Queen 23 = PAN 6243 - in a class of its own 24 = PAN 64 25 = PAN 6479 26 = PAN 87 27 = PAN 6573 28 = PAN 6777 29 = PAN 61 30 = PAN 6823 31 = PAN 14 - Yellow maize</p>	<p><u>SEED-CO</u></p> <p>32 = SC 709 33 = SC 713 34 = SC 715 35 = SC 711 36 = SC 701 37 = SC 707 38 = SC 627 39 = SC 625 40 = SC 601 41 = SC 621 42 = SC 501 43 = SC 515 44 = SC 513 45 = SC 517 46 = SC 521 47 = SC 401 48 = SC 403 49 = SC 405 50 = SC 407 51 = SC 704 - Yellow 52 = SC 706 - Yellow 53 = SC 602 - Yellow 54 = SC 604 - Yellow 55 = SC 506 - Yellow 56 = SC 206 - Yellow</p> <p><u>MRI</u></p> <p>57 = MRI 724 58 = MRI 744 59 = MRI 734 60 = MRI 651 61 = MRI 634 62 = MRI 624 63 = MRI 611 64 = MRI 614 65 = MRI 594 66 = MRI 514 67 = MRI 455 68 = Local maize</p>	<p>69 = Hybrid maize 70 = Recycled hybrid maize 71 = OPV maize</p> <p>Sorghum</p> <p><u>ZAMSEED</u></p> <p>75 = KUYUMA 76 = SIMA 77 = ZSV 15 78 = WP 13</p> <p><u>SEED-CO</u></p> <p>79 = MACIA (OPV - white) 80 = NS5511 (Hybrid - brown) 81 = Local sorghum 82 = Hybrid sorghum 83 = Recycled hybrid sorghum 84 = OPV sorghum</p> <p>Sunflower</p> <p><u>ZAMSEED</u></p> <p>85 = MILIKA 86 = RECORD</p> <p><u>PANNAR</u></p> <p>87 = PAN 7369 88 = PAN 7353 89 = PAN 7351 90 = Local sunflower 91 = Hybrid sunflower 92 = Recycled hybrid sunflower 93 = OPV sunflower</p> <p>Groundnuts</p> <p><u>ZAMSEED</u></p> <p>94 = CHIPEGO 95 = MGV-4 96 = CHALIMBANA</p>	<p><u>SEED-CO</u></p> <p>97 = FLAMINGO 98 = NYANDA</p> <p>99 = Local groundnuts 100 = Hybrid groundnuts 101 = Recycled hybrid groundnuts 102 = OPV groundnuts</p> <p>Soyabeans</p> <p><u>ZAMSEED</u></p> <p>103 = KELEYA 104 = MAGOYE</p> <p><u>SEED-CO</u></p> <p>105 = STORM 106 = SOLITAIRE 107 = SOPRANO 108 = SAFARI</p> <p>109 = Local soyabeans 110 = Hybrid soyabeans 111 = Recycled hybrid soyabeans 112 = OPV soyabeans</p> <p>Cowpeas</p> <p><u>ZAMSEED</u></p> <p>113 = LUTEMBWE 114 = BUBEBE</p> <p>115 = Local cowpeas 116 = Hybrid cowpeas 117 = Recycled hybrid cowpeas 118 = OPV cowpeas</p>	<p>Tobacco</p> <p><u>BARLEY</u></p> <p>119=Bunckett 120=BO 1 121=BO 2 122=BO 3 123=A 1 124=A 2 125=A3</p> <p><u>VIRGINIA</u></p> <p>126=HG 127=T26 128=RK326 129=T29</p> <p>Cotton</p> <p>130= F135 131= Chureza 132= Ngwezi 133= CDT 1</p> <p>All other crops</p> <p>134= Local 135=Improved</p> <p><u>SEED COMPANIES</u></p> <p>136=ZAMSEED 137=PANNAR 138=SEED-CO 139=MRI</p> <p>140 = Do not know</p>