

Zambia Supplemental Survey to the 1999/2000 Post Harvest Survey

FOR SMALL AND MEDIUM-SIZED HOLDINGS

(Synthetic Questionnaire)

Location of data files: \Zambia\hh\data_____

Files created for this questionnaire:

File name	Level of Data	Page
id.sav	household	1
allsurid.sav	household	2
hh.sav	household	3-8
adults.sav	household, member	9
PrevDeaths.sav	household, person id	10
SalWage.sav	household, member, activity, location	11
Bus_Activ.sav	household, member, activity, location	12
remit.sav	household, member	13
field.sav	household, field	14
crop.sav	household, crop	15
veg_fruit.sav	household, crop	16
purch.sav	household, produce purchased	17
service.sav	household, service provision	18
soilcons.sav	household, soil practice	19
cotton.sav	household, agricultural season	20
fertacq.sav	household, fertilizer transaction channels	21
milk_egg.sav	household, milk/egg product	22
code page	contains codes for crops, measurement units, employment/business activities, service providers and ethnic groups	23

Corresponding Questionnaire Pages	Description
Front page	Only hh who completed questionnaire
A	All interviewed households
Pages 1, 2, 3, 6, 9, 10, 13, 17, 18, 19, 20,21	Household level questions
Page 2	Adults born before 1989
Page 3	Previous deaths within the household
Page 4	Salaried employment/informal wage labour activities
Page 5	Formal or informal business activities
Page 6	Remittances sent or received
Page 8	Description of fields / plots
Page 11	Crop stocks and sales
Page 12	Vegetables and fruits produced
Page 14	Crop purchases / bartered for home consumption
Page 15	Service provision from organizations/private agents
Page 16	Soil conservation farming practices
Page 17	Cotton raising experience
Page 19	Fertilizer acquisition - transaction channels
Page 20	Milk and egg production and sales
Back cover page	Codes

Zambia First Supplemental Survey to the 1999/2000 Post Harvest Survey FOR SMALL AND MEDIUM-SIZED HOLDINGS

“Identifying variables” (Original Questionnaire Cover)

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

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

Village/locality name: _____

Name of head of household: _____

WGT_PAN _____ Household weight factor for panel analysis
WGT_POP _____ Household weight factor for population analysis
WGT_ORIG _____ Original household weight factor calculated by CSO
AGE _____ Age of head of household (years)
SEX _____ Sex of head of household: 1 = Male 2 = Female

CATEGORY _____ Category (see code list)

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

Name of current main respondent : _____

SAME _____ Is this person the same main respondent who participated in the August/September 2000 survey? _____ 1 = Yes, 2 = No

RESPONSE _____ Response status (see code list)
OLDDIST _____ Old district codes before 1996

RESPONSE
 Value Label
 1 Completed
 2 Refusal
 3 Moved out of SEA
 4 Household dissolved
 5 Non-Contact

ASSIGNMENT RECORD:		
Name of enumerator:	ENCODE: _____	Date completed:
Name of supervisor:	SPCODE: _____	Date checked:
Conducted by the Central Statistical Office in conjunction with the Food Security Research Project, Michigan State University		

Table A (1 of 1) - All interviewed households- USE THIS FILE ONLY IF YOU WANT TO CHECK HOW MANY HOUSEHOLDS DID NOT RESPOND TO SURVEY. USE THE ID.SAV to merge weights or category variables into other files. File: allsurid.sav

Age of head of household	Sex of head of household	Household category 1 = A: Small 2 = B: Medium	Is is person the same main respondent who participated in the August/September 2000 survey? 1 = yes 2 = no	Response status 1 - completed 2 - refusal 3 - moved out of SEA 4 - household dissolved 5 - non-contact	Enumerator code	Supervisor code
AGE	SEX	CATEGORY	SAME	RESPONSE	ENCODE	SPCODE

NOTE: *Italicized and underlined text reflects changes made while training the supervisors and enumerators:*

Household level questions - File name: hh.sav

SECTION 1: DEMOGRAPHICS

1.1. Children below 12 years old (born after 1988)

In the 1999/2000 PHS, you or one of your household members told us that you had **PHS01** boys aged 11 and under in this household.

1.1.1. How many boys (aged 11 and under) do you have now?	HH01	<input type="text"/>
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In the 1999/2000 PHS, you or one of your household members told us that you had **PHS02** girls aged 11 and under in this household.

1.1.2. How many girls (aged 11 and under) do you have now?	HH02	<input type="text"/>
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1.1.3. How many of these children are under age 5?	HH03	<input type="text"/>
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1.1.4. How many of these children (boys and girls aged 11 and under) have been chronically ill for at least the past 3 months?	HH04	<input type="text"/>
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1.2. Adults born before 1989

1.2.1. In the 1999/2000 PHS, you or one of your family members told us that you had **PHS03** male adults and **PHS04** female adults.

TABLE 1.2 - Adults born before 1989

1.2.2. How many of the current adult members that you identified in the previous table have been chronically ill for at least the past 3 months?	HH05	<input type="text"/>
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SECTION 2: PREVIOUS DEATHS WITHIN THE HOUSEHOLD (Since 1996)

2.1. Since 1996, has there been any child or adult who died in this household? **1=Yes** **2=No -----> Go to Section 3**

HH06	<input type="text"/>
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TABLE 2.1 - Household members who have died since 1966

SECTION 3: OFF-FARM INCOME AND REMITTANCES (The Last 12 Months)*TABLE 3.1 - Salaried and informal wages**TABLE 3.2 - Formal or informal business activities***3.3. Remittances**3.3.1. Over the past 12 months, did this household *send* cash or goods to any non-household member? 1=Yes 2=No

HH07	
HH08	

3.3.2. Over the past 12 months, did this household *receive* any cash or goods from any non-household member? 1=Yes 2=No*TABLE 3.3 - Remittances***SECTION 4: FARM LAND AND USE**

4.1 - Sketch of fields or plots

*TABLE 4.2 - Fields*4.3. *Enumerator: Refer back to the sketch and F01 in the previous table and check for fallow fields – if some of the hh’s fields are in fallow, then ask this question; otherwise, go to Q4.4*

HH09

You indicated that some of your land was in fallow in 1999/2000. What was the main reason you did not cultivate these fields?

Enumerator: Please note that fallow includes “abandoned” fields

1=need to rest the soil

4=inadequate seed and fertilizer

7=other

2=not enough labor

5=inadequate implements and draught power

3=land not productive

6=other use of labor more important

4.4. In your perception, do village authorities still have unallocated arable land that could be allocated to households within this village?

HH10

1= Yes 2= No ----> go to Q4.6.

4.5. If you wanted it, could some of this unallocated land be allocated to this household for cropping purposes? 1= Yes 2= No

HH11

4.6. Is it possible for a household to rent or borrow more land within this village? 1= Yes 2= No ----> go to Q4.9.

HH12

4.7.	(Ask 4.7 if Q4.5=Yes and Q4.6 =Yes, otherwise go to Q4.9.) If the household had used all its current land and wanted to cultivate some additional land above what the household already has, which do you think is easier to do? 1= seek unallocated land ----> go to Q4.9. 2=rent land 3= borrow land	HH13	
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4.8.	Why would you opt to rent or borrow? 1= costly to clear the uncleared land 2= difficult to have rights to use the land 3=cheap to rent land 4=other	HH14	
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4.9.	Has land been forcefully taken away from this household in the last 10 years? 1= Yes 2= No	HH15	
------	--	------	--

4.10.	In the year that you were originally allocated land, was the head of the household closely related to the person who was headman at that time? 1= Yes 2= No 3= Not Applicable (e.g., headman did not exist)	HH16	
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4.11.	In the year that you were originally allocated land, was the spouse of the household closely related to the person who was headman at that time? 1= Yes 2= No 3= Not Applicable (e.g., headman did not exist)	HH17	
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4.12.	What is the <u>household head's</u> ethnic group? (See code sheet)	HH18	
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4.13.	What is the ethnic group of the <u>household head's</u> spouse? (See code sheet)	HH19	
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SECTION 5. CROP STOCKS AND SALES

Table 5.1 - Crop stocks and sales

Table 5.2 - Vegetable and fruit produced in last 12 months

5.3. Cassava Production

You told us during the 1999/2000 Survey that you had

PHS05	
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 ha of land under mature cassava.

5.3.1.	What quantity of raw cassava, did you harvest during the last agricultural season (October of 1999 to September of 2000)? (Record quantity harvested in 90kg bag units)	HH20	
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5.3.2.	Out of that harvest, how much cassava did you sell? (Record quantity <u>sold</u> in 90kg bag units)	HH21	
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Now we would like to ask you about cassava production since September 2000.

5.3.3.	What is the area you <u>newly</u> planted to cassava since September 2000? (Record area in hectares)	HH22	
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5.3.4.	What quantity of raw cassava have you harvested since September 2000? (Record quantity <u>sold</u> in 90kg bag units)	HH23	
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5.3.5.	Out of that harvest, how much cassava did you sell? (Record quantity harvested in 90kg bag units)	HH24	
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SECTION 6: CROP PURCHASES

Table 6.1 - Crops purchased or bartered for home consumption

SECTION 7: SERVICE PROVISION

Table 7.1 - Services received from organizations/private agents

SECTION 8: SOIL CONSERVATION FARMING

Table 8.1 - Practices used in cropping fields during last 2 seasons

SECTION 9: COTTON PRODUCER'S RELATIONSHIP WITH GINNING FIRMS (Since The 1997/98 Agricultural Season)

9.1. When was the FIRST YEAR that anyone in your household grew cotton? e.g. 1994

HH25	
HH26	

9.2. Has anyone in your household ever grown cotton during the past 4 years (since 1997/98)? 1=Yes 2=No ----> go to Section 10

Table 9.1 - Experience with cotton

If respondent received inputs on credit (i.e., CT5a,b,c,d = 1, 3, OR 5) this agricultural season (2000/01), ask Q9.4. through Q9.8. If not, skip to Q9.9.

9.4.	At the time that you acquired the inputs on loan, were you told the PRICE you would be charged for the inputs? 1=Yes 2=No	HH27	
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9.5.	Do you know how much you owe the company that gave you a loan?	1=Yes 2=No	HH28	
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9.6.	At the time you acquired the cotton inputs loan, were you told HOW THIS LOAN WAS TO BE REPAID?	1=Yes 2=No	HH29	
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9.7.	Did you understand how the cotton inputs loan was to be re-paid?	1=Yes 2=No	HH30	
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9.8.	Are you aware of the price that the cotton company/agent will offer you for the seed cotton this year?	1=Yes 2=No	HH31	
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Ask these questions if the respondent has produced cotton during any of the past 4 years.

9.9.	Have any of the following ever explained to you how to USE pesticides?	1=Yes 2=No		
9.9a	Cotton company/Dealer		HH32	
9.9b	MAFF Extension service		HH33	
9.9c	Fellow farmers		HH34	

9.10.	Have any of the following ever explained to you how to avoid HEALTH RISKS from pesticides?	1=Yes 2=No		
9.10a	Cotton company/Dealer		HH35	
9.10b	MAFF Extension service		HH36	
9.10c	Fellow farmers		HH37	

9.11.	Do you believe it is beneficial to apply fertilizer to cotton?	1=Yes 2=No 3=Not Sure	HH38	
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SECTION 10: FERTILISER ACQUISITION (The 1999/2000 Agricultural SEASON) — If the household did not use any fertiliser, go to Section 11.

You told us during the 1999/2000 Survey that you used

PHS06	
PHS08	

 kg of basal dressing purchased from

PHS07	
PHS09	

 and

PHS07	
PHS09	

 kg of top dressing purchased from

PHS07	
PHS09	

 .

Table 10.1 - Fertilizer acquisition

10.2.	Enumerator: Ask this question on the largest fertiliser acquisition according to FR05, 06, 07, and 08				
	What types of transportation were used to deliver the largest acquisition of fertilizer to your homestead?				
					Stages/Types of transportation
1= Headload	4= Oxcart	7= Truck	10= Not applicable		1
2= Bicycle	5= Car	8= Bus			2
3= Wheelbarrow	6= Motorcycle	9= Other (specify)			3
					HH39
					HH40
					HH41

SECTION 11: MILK AND EGG PRODUCTION AND SALES (In The Last 12 Months)

11.1. Did this household produce any milk during the last 12 months? **1=Yes 2=No ----> go to Q11.2.**

HH42

Table 11 - Milk and egg production / sales

11.2. Did this household produce any eggs during the last 12 months? **1=Yes 2=No ----> go to Section 12**

HH43

SECTION 12: GENERAL INFORMATION

12.1. Do you own any of the following? **1=YES 2=NO**

A bicycle

HH44

A radio

HH45

A motorbike

HH46

A canoe

HH47

Television Set (TV)

HH48

Car

HH49

Truck / pick up / van

HH50

Grinding mill

HH51

Water pump

HH52

Protected Well

HH53

ENUMERATOR: Check the main house of this household and indicate the following : Please ask if you cannot see-Otherwise do not ask and proceed to indicate your observations.

12.3. Roofing Material 1=iron/metal 2=asbestos 3=tiles 4=corrugated iron sheets 5=grass/straw 6=other

HH54

12.4. Wall Material 1=burnt brick 2=concrete blocks 3=mud brick 4=pole/bamboo 5=pole & dagga
6= mud (mudhindo) 7=grass/straw 8=iron sheets 9= hard board

HH55

12.5. Door Material 1=standard door frame with door 2=traditional

HH56

12.6. Floor Material 1=cement floor 2=concrete 3=mud 4=bare earth 5=other

HH57

SECTION 1 - DEMOGRAPHICS

TABLE 1.2 - Adults born before 1989. Please tell us their names. If you have new members, could you also tell us names of those new members. Now, could you tell us about each of them.

Key variables: PROV, DIST, CSA, SEA, HH, MEM

Reference Period: The Last 12 Months

File name: adults.sav

ID	Name (Start with head of household)	Was this person considered as a member of the household in the last survey? 1=Yes 2=No	Is this person still a member of this household? 1=Yes ----> go to D04 2=No	If this person is not a member of this household anymore (D02=2), why? See code below (If D03=4, go to D10.)	In which year was this person born? Note: it should be earlier than 1989	Sex 1= male 2= female	Relation-ship to head See code below	Marital Status 1=single 2=monogamously married 3=polygamously married 4=divorced 5=widowed 6=separated 7=other	How many months in the past 12 months has this person stayed away from this household?	Education What is the highest level of education completed? See code sheet	Did this person receive any cash or income in kind from salaried employment or wage activities in the past 12 months? 1=Yes 2=No	Did this person receive cash from a formal or informal business activity over the past 12 months? 1=Yes 2=No
MEM	Name	D01	D02	D03	D04	D05	D06	D07	D08	D09	D10	D11
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Reasons for absent (D03)

1=left to find a job
2=separated
3=married away
4=deceased
5=divorced
6=living with relatives

7=others (specify)

Relationship to head (D06)

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

SECTION 2: PREVIOUS DEATHS WITHIN THE HOUSEHOLD (Since 1996)

TABLE 2.1 If 2.1 =Yes, could you tell us about them starting from the most recent.

Key variables: PROV, DIST, CSA, SEA, HH, PDMEM

Reference Period: Since 1996

File name: PrevDeaths.sav

Person ID	If this person is listed in the previous table, indicate his or her id number (MEM).	Write the Name	In which year did this person die? Example: 1997	In which year was this person born?	Sex 1=Male 2=Female	Relationship to head see code below	What was the cause? 1=Disease 2=Accident 3=Suicide 4=Murdered 5=Other (specify)
PDMEM	MEM	Name	PD01	PD02	PD03	PD04	PD05
1							
2							
3							
4							
5							
6							

Relationship to head (PD04)

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

SECTION 3: OFF-FARM INCOME AND REMITTANCES (The Last 12 Months) - TABLE 3.1

3.1. We would like to talk about all household members who have earned income from **SALARIED EMPLOYMENT OR INFORMAL WAGE LABOUR ACTIVITIES** over the past 12 months. These activities include all formal salaried employment and all casual labour for which members were paid cash or an in-kind wage, including agricultural and non-agricultural labour. Include also the value of any pensions received in the past 12 months.

Key Variables: *PROV, DIST, CSA, SEA, HH, MEM, WACT, W01*

Reference Period: The Last 12 Months

File name: SalWage.sav

Person ID and name		Please list 4 most important <i>salaried employment or informal wage labour activities</i> that this person was involved in at any time during the past 12 months see code sheet	Where did the person carry out this activity? See code below	Did the person receive the same regular monthly salary in cash during all 12 months? If yes, enter monthly salary in Kwacha and go to <u>W15</u> . If no, enter 0 and go to W03.	If the person did not receive the same regular monthly salary during all 12 months, please indicate the cash the person earned for each month that he or she worked (Kwacha). If he or she did not work for cash in a certain month, enter zero for that month												If the person earned in-kind wages, please give an approximate total cash value over the past 12 months	Total wages calculated: SUM(w03 to w14)	Total income calculated: SUM (w02 * 12, wtotal, w15)	
MEM	Name				WACT	W01	W02	2000 Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				2001 Jan

Activity place (W01)

1=within village

2=within district (rural)

3=within district BOMA

4=other district (rural)

5=other district BOMA/town

6=another country

TABLE 3.2. We would like to talk about all household members who participated in **FORMAL OR INFORMAL BUSINESS ACTIVITIES** during the past 12 months. This should include any income earning activity other than your own farming or sale of your own labour for wages.

Key Variables: PROV, DIST, CSA, SEA, HH, MEM, BACT, B01

Reference Period: The Last 12 Months

File name: Bus_Activ.sav

[illegible]**Activity place (B01)**

1=within village

2=within district (rural)

3=within district BOMA

4=other district (rural)

5=other district BOMA/town

6=another country

TABLE 3.3. Remittances

If the household neither sent nor received any cash or goods from a non-household member, ie., 3.3.1 = “No” and 3.3.2 = “No”, go to Section 4.

3.3.3. We would like to know the **TOTAL VALUE** of what was sent/received as cash or goods over the past 12 months.

Key Variables: PROV, DIST, CSA, SEA, HH, RMEM

Reference Period: The Last 12 Months

File name: remit.sav

ID	Non-household member Sending or Receiving Cash or goods	Relation to head (See code below)	Where does this person reside? 1=within village 2=within district rural 3=within district BOMA 4=other district rural 5=other district BOMA/town 6=another country	Value of cash or goods <i>sent</i> to non- household member over the past 12 months	Value of cash and goods <i>received</i> from non-household members over the past 12 months
				Kwacha	Kwacha
RMEM	NAME	R01	R02	R03	R04
1					
2					
3					
4					
5					
6					
7					
8					

Relationship to head (R01)

1=head

4=step son/daughter

7=nephew/niece

10=other relative

2=spouse

5=parent

8=son/daughter-in-law

11=unrelated

3=own son/daughter

6=brother/sister

9=grandchild

SECTION 4: FARM LAND AND USE

TABLE 4.2. According to the sketch, you indicated that you had _____ fields in the previous crop season. Please tell us about each of those fields.

Enumerator: Ask the respondent to give you the details about each of all those fields.

Key variables: PROV, DIST, CSA, SEA, HH, FIELD

Reference Period: The Last Agricultural Season (1999/2000 season)

File name: field.sav

Field ID	Use 1=crop land 2=garden 3=fallow 4=rented-out 5=virgin land 6=orchard 7=other (specify)	Area of Field		Tenure Status 1=own with deed 2=own without deed 3=rented-in 4=borrowed-in 5=other	Can this household sell this field if it wanted to? 1=Yes only with approvals* 2=Yes, no need for approvals 3=No	How did this household acquire this field? 1=purchased 2=inherited 3=allocated/given 4=rented/borrowed 5=just walked in 6=other	From whom did this household obtain this field? See code below	In which year did this household first acquire this field? Please indicate year, e.g. 1975.	If this field was rented-out (F01=4) or rented-in (F04=3), how much did you receive or pay? Kwacha	Conversion value to hectares	Total hectares of field calculated f02 * convert
FIELD	F01	F02	F03	F04	F05	F06	F07	F08	F09	convert	tot_hect
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

* From local authorities, such as village chiefs/headmen and local government authorities.

Acquired from (F07)

1=the current headman	4=previous chief	7=husband's parents	10=wife's other relatives	13=central govt -Ministry of Lands, Agric, Office of the vice president (OVP)
2=previous headman	5=local govt. authorities	8=wife's parents	11=private people	14=chairman
3=the current chief	6=spouse	9=husband's other relatives	12=free access/self given	15=private company
				16=other

SECTION 5 : CROP STOCKS AND SALES (Since The Last Harvest)

5.1. Please tell us the crops (except cassava, vegetables, fruits, and green maize) that you sold from last year's harvest (2000 harvest)

Key Variables: PROV, DIST, CSA, SEA, HH, CROP

Reference Period: Since The Last Harvest (2000 Harvest)

File name: crop.sav

Crop code see code sheet at end of document	List all crops harvested last season (2000) according to 99/00 PHS	Quantity harvested in 2000, according to 99/00 PHS	Units specified for harvest see unit codes below	Do you still have this crop in storage from last harvest? 1=Yes 2=No ----> go to S06	How much do you have in storage now?		Did you sell or exchange any of this crop? 1=Yes 2=No---> go to next crop	How much of this crop did you:				Price received for the largest quantity sold for cash		
					Quantity	Unit see unit code below		Sell for cash		Bartered				
										Quantity	Unit see unit code below	Quantity	Unit see unit code below	Kwacha (Price per unit)
CROP	CRNAME	S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12	
Computed variables: all the variables that end with “_conv” were merged in from the cropconv.sav lookup table. All variables that begin with “kg_” were computed by multiplying the conversion value from the “_conv” variable with the appropriate quantity variable, e.g. kg_harv=s01*s02_conv, kg_stor=s04*s05_conv, kg_sold = s07*s08_conv, kg_bart = s09*s10_conv. Price_kg was computed as follows: price_kg = s11/s12_conv.														
COMPUTED VARIABLE NAMES:					s02_conv	s05_conv	s08_conv	s10_conv	s12_conv	kg_harv	kg_stor	kg_sold	kg_bart	price_kg

Unit Codes (S02, S05, S08, S10, and S12)

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=kg

Table 5.2. Please tell us all vegetables, including green maize, and fruits that you produced in the last 12 months.

Key Variables: PROV, DIST, CSA, SEA, HH, CROP

Reference Period: Since The Last 12 months (2000 Harvest) File name: veg_fruit.sav

	Vegetable/ Fruit Code See code sheet at end of document	Did you sell any of this vegetable/fruit? 1=Yes 2=No ----> go to next crop	How many months in the last 12 months did you sell this vegetable/fruit?	What was the average value of sales per month? Kwacha
Vegetable/Fruit Name	CROP	VF01	VF02	VF03

SECTION 6: CROP PURCHASES (Since The Last Harvest)

6.1. Please tell us the crops that you purchased or bartered into your possession for your home consumption since the last harvest **(2000 harvest)**

New calculated variables start with p03_conv through p_totkg.

Key Variables: PROV, DIST, CSA, SEA, HH, PURCH

Reference Period: Since The Last Harvest (2000 Harvest)

File name: purch.sav

Product purchased/ bartered in Enumerator: Ask specifically about each product	Between last year's harvest and now, have you purchased/bar- tered this product for home consumption? 1=Yes 2=No --> goto next product	Counting both cash purchases and barter, how much of this product did you buy between last year's maize harvest and Christmas?		Counting both cash purchases and barter, how much of this product did you buy between Christmas and now?		What was the price per unit when you purchased this product last time?		Conver- sion value for p02	Conver- sion value for p04	Conver- sion value for p06	Total kgs for p02: p02* p03_con v	Total kgs for p04: p04* p05_conv	Price per kg: p06/ p07_conv	Total kgs purchased kg_p02+ kgp04
		Quantity	Unit see code below	Quantity	Unit see code below	Price	Unit see code below							
PURCH	P01	P02	P03	P04	P05	P06	P07	p03_conv	p05_conv	p07_conv	kg_p02	kg_p04	price_kg	p_kgtot
1= maize grain														
2=packaged roller meal														
3= packaged breakfast meal														
4=maize meal from grinding mill														
5=millet														
6=sorghum														
7=rice														
8=sweet potatoes														
9=raw cassava														
10=cassava chips														
11=cassava flour														

Unit Codes (P03, P05, P07)

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=kg

SECTION 7: SERVICE PROVISION (The 1999/2000 Agricultural Season)

TABLE 7.1. Please tell us about the services you received from organisations/private agents during the 1999/2000 agricultural season.

Key Variables: PROV, DIST, CSA, SEA, HH, SRCODE

Reference Period: During The Last Agricultural Season (1999/2000 Season) File name: service.sav

Service		Did you? 1 = Yes 2 = No----> go to next service	Who was the <u>most</u> important supplier or organizer of this service? (See code sheet)	Who was the <u>second</u> most important supplier or organizer of this service? (See code sheet)
	SRCODE	SR01	SR02	SR03
Did this household receive cash credit for purchase of inputs or farm implements?	1			
Did this household receive credit in kind for inputs or farm implements?	2			
Did this household receive advice on how to run farm operations as a business?	3			
Did this household receive any advice on improved/recommended cropping practices?	4			
Did this household use transportation service for transporting inputs or farm products?	5			
Did anyone assist in linking this household with a buyer of your crops?	6			
Did this household receive information on commodity prices?	7			
Did this household buy inputs as part of a group of farmers?	8			
<u>Was</u> this household part of savings facility ?	9			
Was this household part of a labor pool?	10			
Did any member of the household obtain training on organizational and leadership skills?	11			

SECTION 8: SOIL CONSERVATION FARMING (The 1999/2000 and 2000/2001 Agricultural Season)

TABLE 8.1. Please tell us if you have used any of the practices below in any of your cropping fields during the last two seasons.

Key Variables: PROV, DIST, CSA, SEA, HH, SCPRAC

Reference Period: The Last and Present Agricultural Season (1999/2000 and 2000/2001 Season) File name: soilcons.sav

Practices		Did you practice this in 1999/2000	Did you practice this in 2000/2001	From whom did you learn about this practice?	Do you feel that this practice is worthwhile?
Name	Code	1=Yes 2=No	1=Yes 2=No If SC01=2 and SC02=2 skip to next practice	See Codes Below	1=Yes 2=No <u>3=Not sure</u>
	SCPRAC	SC01	SC02	SC03	SC04
Mixing of two or more crops in one field	1				
Improved fallow	2				
Pot holing / Planting holes	3				
Crop rotation	4				
Leaving crop residues (except for cotton & tobacco)	5				
Other minimum tillage techniques (Specify)	6				

Information Source Codes (SC03)

1= CLUSA	4= Other farmer organization	7= DAPP	10= Omnia
2= MAFF extension agent	5= Neighbor/Other farmer	8= LONRHO/Dunavant	11= traditional practice
3= Other NGO	6= Radio/TV	9= Clark Cotton	12=other (specify)

Key Variables: PROV, DIST, CSA, SEA, HH, YEAR

File name: cotton.sav

Zambia SS 1999/00 Synthetic Questionnaire: pg 20

SECTION 10: FERTILISER ACQUISITION (The 1999/2000 Agricultural SEASON) — If the household did not use any fertiliser, go to Section 11.

10.1. Enumerator: Now ask the following questions.

Key Variables: PROV, DIST, CSA, SEA, HH, FERT

Reference Period: The Last Agricultural Season (1999/2000 Season) File name: fertacq.sav

Transaction Channels	Did you use this fertiliser transaction channel? 1= Yes 2= No ---> go to next channel	Where did the household collect its fertiliser from? 1=within village 2=another village 3=at Boma 4=other location within district 5=outside district 6=delivered at home	How many kilometers is the point of collection from the homestead Enter distance in kms	How much did it cost you per 50kg bag to bring fertiliser to your homestead? Kwacha	How many bags of fertiliser did the household acquire?				Was fertiliser from this channel available at the time you needed it?		Total (kgs) acquired - basal calculated : fr06=1, fr05 fr06=2, fr05*50	Total (kgs) acquired - top dressing calculated : fr08=1, fr07 fr08=2, fr07*50	
					Basal dressing		Top Dressing		Basal	Top			
					Quantity	Unit 1=kg 2=50kg bag	Quantity	Unit 1=kg 2=50kg bag	1=Yes 2=No	1=Yes 2=No			
	fert	FR01	FR02	FR03	FR04	FR05	FR06	FR07	FR08	FR09	FR10	totqbasl	totqtop
FRA Loan	1												
Other Loans	2												
Direct exchange /barter	3												
Cash Purchases	4												
Gift	5												

SECTION 11: MILK AND EGG PRODUCTION AND SALES (In The Last 12 Months)
TABLE 11
Key Variables: PROV, DIST, CSA, SEA, HH, LV
Reference Period: The Last 12 Months
File name: milk_egg.sav

		How many months in the last 12 months did you produce or sell this product?	Quantity produced and sold in each month												What was the last price you received? Zkw/litre or Zkw/egg
			2000 Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2001 Jan	Feb	Mar	
	LV	LV01	LV02	LV03	LV04	LV05	LV06	LV07	LV08	LV09	LV10	LV10	LV11	LV12	LV13
How many litres of milk did you produce?	1														
How many litres of fresh milk did you sell?	2														
How many litres of sour milk did you sell?	3														
How many eggs did you produce?	4														
How many eggs did you sell?	5														

CODE SHEET

Crop Codes	Unit Codes	Education Levels (D09)	Salaried Employ. or Informal Wage Labour Act. (WACT)	Formal or Informal Business Activities (BACT)	Service Providers (SR02, SR03)	Ethnic Group Codes (HH19, HH20)	
<u>CROP</u> 1=Maize 2=Sorghum 3=Rice 4=Millet 5=Sunflower 6=Groundnuts 7=Soybeans 8=Seed cotton 9=Irish potato 10=Virginia tobacco 11=Burley tobacco 12=Mixed beans 13= <i>Ground beans</i> 14=Cowpeas 15=Velvet beans 16=Coffee 17=Sweet potatoes 21=Other crops <u>FRUIT</u> 22=Tangerines 23=Grape fruit 24=Bananas 25=Pineapple 26=Guavas 27=Paw Paws 28=Avocado 29=Water melon 30=Mangoes 48=Oranges 31=Other Fruit <u>VEGETABLE</u> 32=Cabbage 33=Rape 34=Spinach 35=Tomato 36=Onion 37=Okra	0=none 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 Continued... 38=Eggplant 39=Pumpkin 40=Chilies 41=Chomoli 42=Cauliflower 43=Carrots 44=Lettuce 45=Green beans 46=Green maize 47=Other vegetables 48=Oranges 50=Cassava leaves 51=Sweet potato leaves 52=Pumpkin leaves 53=(mixed) bean leaves 54=Cowpea leaves	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.	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 agriculture piece work 11=other	1=agricultural trading 2=livestock trading 3=retailer/shop owner 4=hawker/vendor/marketer 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	<u>MAFF</u> 1=MAFF Extension 2=Rural Investment Fund(RIF) 3=SCAFE 4=Other MAFF Agents 5=FRA cooperative <u>PRIVATE FIRMS</u> 6=Lonhro/Dunavant 7=Clark Cotton 8=Amaka 9=Other Outgrowers 10=Private Dealers/Transporters/Trader s 11=Commercial banks <u>NGO'S</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 NGO's 21=locally organized group 22=self 88=not applicable	1=Bemba 2=Lunda-Luapula 3=Lala 4=Bisa 5=Ushi 6=Chishinga 7=Ngumbo 8=Lamba 9=Kabende 10=Tabwa 11=Swaka 12=Mukulu 13=Ambo 14=Lima 15=Shila 16=Unga 17=Bwile 18=Luano 19=Tonga 20=Lenje 21=Solli 22=Ila 23=Toka-leya 24=Sala 25=Gowa 26=Luvala 27=Lunda-NWWestern 28=Mbunda 29=Luchazu 30=Ndembu 31=Mbowe 32=Chokwe	33=Kaonde 34=Luyana 35=Kwangwa 36=Kwandi 37=Koma 38=Nyengo 39=Simaa 40=Mwenyi 41=Imilangu 42=Mashi 43=Lozi 44=Totela 45=Subiya 46=Nkoya 47=Mashasha 48=Chewa 49=Nsenga 50=Ngoni 51=Nyanja 52=Kunda 53=Chikunda 54=Lungu 55=Mambwe 56=Namwanga 57=Wina 58=Tambo 59=Tumbuka 60=Senga 61=Yombe 62=Shona 63=Kaonde-Ila 64=Other