

ZAMBIA POST-HARVEST SURVEY (2001/2002)
FOR SMALL AND MEDIUM-SIZED HOLDINGS
(Synthetic Questionnaire)

Location of data files: c:\docs\Zambia\PostHarv\0102\data_____

Files created for this questionnaire:

Table	File name	Level of Data	Page	Table/data Description
n/a	id.sav	household	2	Completed survey - HH information and identifying variables
n/a	hh.sav	household	3	Fertilizer acquisition 01/02, crop rotation
A	allsurid.sav	household	3	All households in sample
I	farmland.sav	household, crop, field	4	Field size, tillage, planting
II	inputs.sav	household, crop, field	5	Seed type-source, inputs used, harvest
III	crops.sav	household, crop	6	Quantities of crop stocks, sales, and to be sold
IV	purch.sav	household, purchases	7-8	Purchases/casual labor for food for home consumption, food aid
V	fert0102.sav	household, fertilizer channel	9	Fertilizer acquisition, 2001/2002
VI	fert0203.sav	household, fertilizer channel	9	Fertilizer acquisition, 2002/2003
VII	lstock.sav	household, livestock & poultry	10	Livestock production
VIII	vege.sav	household, vegetable/fruit	11	Vegetables / fruits grown and sales of product
IX	asset.sav	household, asset	12	Assets / implements
X	health.sav	household, member	13	Chronically ill members in last 3 months
XI	death.sav	household, member	14	Deaths in family in last 5 years

Filename: id.sav Key Variables: dist, csa, sea hh

“Identifying variables” (Original Questionnaire Cover)

PROV _____ Province (see code list)
DIST _____ District
OLDDIST _____ District code used before 1996
CSA _____ CSA number
SEA _____ SEA number (separate 1st and 2nd digits)
HH _____ Household serial number

WGT _____ Revised Household weight factor
OLDWGT _____ Old Household weight factor
AGE _____ Age of head of household (years)
SEX _____ Sex of head of household: 1 Male 2 Female
MSTATUS _____ Marital status 1 - Single 2 - Monogamously married 3 - Polygamously married
 4 - Divorced 5 - Widowed 6 - Separated

RESPONSE _____ Response status (see code list)
CATEGORY _____ Category (see code list)

Household population: POP _____ **MALES** _____ **FEMALES** _____

< 5 yrs 5-11 yrs 12-64 yrs 65+
 Male _____ **POPMALEA** _____ **POPMALEC** _____ **POPMALEE** _____ **POPMALEG**
 Female _____ **POPFEMAB** _____ **POPFEMAD** _____ **POPFEMAF** _____ **POPFEMAH**

Household agricultural activity:
CROPS _____ Grows crops? 1 Yes 2 No
LSTOCK _____ Raises livestock? 1 Yes 2 No
POULTRY _____ Raises poultry? 1 Yes 2 No
FISHFARM _____ Fish farming? 1 Yes 2 No

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

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

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

Filename: hh.sav Key Variables: dist, csa, sea, hh

Section 5: Fertiliser Acquisition (2001/02)

- HH01 _____ Did the household acquire fertilizer during the **2001/2002 agricultural season?** (1=yes; 2=no)
- HH02 _____ (K) When you made your biggest purchase, what price did you pay at the point of purchase for a 50kg bag of basal dressing fertilizer?
- HH03 _____ (K) When you made your biggest purchase, what price did you pay at the point of purchase for a 50kg bag of top dressing fertilizer?
- HH04 _____ (K) When you made your biggest purchase, how much did you spend on transport from purchase point to your homestead per 50kg bag?
- HH05 _____ Has the household acquired fertilizer this **2002/2003 agricultural season?** (1=yes; 2=no)

Section 9: Health and Deaths: past 3 months and past 5 years

- HH06 _____ Has any of the current members of the household been chronically ill in the past 3 months (1=Yes; 2=No)?
- HH07 _____ Has any of this household's members died in the past five years (1=Yes; 2=No)?

Section 10: Crop Rotation and Irrigation: 2001/02 Agricultural Season

- HH08 _____ Did any member of the household practice crop rotation in 2001/02 agricultural season?(1=yes; 2=no)
- HH09 _____ Did any member of the household practice irrigation in cereals during 2001/02 agricultural season? (1=yes; 2=no)

End file: hh.sav

Filename: allsurid.sav Key Variables: dist, csa, sea, hh

Table A (1 of 1) - All households in the sample:

Response status	Household category	Age of head of household	Sex of head of household	Marital status	House hold weight	Population of household	Number of Males	Number of Females	males < 5 yrs old	females <5 yrs old	males 5 to 11 yrs old	females 5 to 11 yrs old	males 12 to 64 yrs old	females 12 to 64 yrs old	males > 64 yrs old	females > 64 yrs old
response	category	age	sex	mstatus	wgt	pop	males	females	pop malea	pop femab	pop malec	pop femad	pop malee	pop femaf	pop maleg	pop femah
1 - completed 2 - refusal 3 - moved out of SEA 4 - non-contact 5 - HH dissolved	1=A - small scale holding 2=B - medium scale holding			1 - single 2 - monogamously married 3 - polygamously married 4 - divorced 5 - widowed 6 - separated												
Raise crops?	Raise livestock	Raise poultry	Fish farm													
crops	lstock	poultry	fishfarm													

TABLE I 1.2. Ask additional questions F04 up to F11 on each field under crop, exclude gardens and orchards.

Filename: farmland.sav

Key Variables: dist, csa, sea, hh, field, crop

Field ID	Crop name or field Use	Crop code or Land Use Code	Size of field				If the field is under cassava, is the cassava mature? 1 = Yes 2 = No 3 = Field not under cassava	What was the main tillage method used? 1 = Conventional hand hoeing 2 = Pot holing 3 = Zero tillage 4 = Ploughing 5 = Ripping 6 = Ridging 7 = Bunding	Was animal or mechanical power used? 1 = Yes 2 = No	What was the source of power? <i>See codes below</i>	When did you finish planting this crop? <i>(Ask the week, month and the year)</i>			Ask for all crops other than sweet potatoes and cassava How many weeks after planting did you finish the 1 st weeding?	What main crop or use did you put this field to in 2000/01? <i>See crop/use codes below</i> Enter "31" if field is new
			Area	Unit 1=lima 2=acres 3=hectares	Conversion value	Total hect					Week 1 = 1 st week 2 = 2 nd week 3 = 3 rd week 4 = 4 th week	Month <i>see codes below</i>	Year		
FIELD		CROP	F02	F03	convert	tohect	F04	F05	F06	F07	F08	F09	F10	F11	F12
1															
2															
3															
4															
5															
6															
7															
9															
10															
11															
12															

Crop code or Use Codes (F01; F12)

- 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
- 14 = Cowpeas
- 15 = Velvet beans
- 22 = Paprika

- 16 = Coffee
- 17 = Sweet potatoes
- 18 = Cassava
- 19 = Kenaf
- 20 = Cashew nut

- 21 = Other crop
- 30 = Fallow
- 23 = rented/lent out
- 24 = garden
- 25 = orchard

Source of power (F07)

- 1 = own animals
- 2 = hired/borrowed animals
- 3 = own mechanical
- 4 = hired/borrowed mechanical
- 5 = no mechanical or animal power used

Month codes (F09)

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

TABLE II. SECTION 2: CROP MANAGEMENT - INPUT APPLICATION AND HARVEST

Filename: inputs.sav
Key Variables: dist, csa, sea, hh, field, crop

Field ID	Crop Codes	What seed variety did you use? <i>See code below</i>	What was the source of the seed? <i>See code below</i>	What quantity of seed did you plant? <i>Do not ask for tubers and tobacco</i>				Did you apply animal manure? 1 = Yes 2 = No	Did you apply green manure? 1 = Yes 2 = No	How much basal fertilizer did you apply? (In Kgs) (Enter "0" if they did not apply)	How much lime did you apply? (In Kgs) (Enter "0" if they did not apply)	How much top dressing fertilizer did you apply? (In Kgs) (Enter "0" if they did not apply)	How much of this crop did you harvest from each field?			
				Quantity planted	Unit <i>see unit code below</i>	Conversion value	Total kgs planted						Quantity harvested	Unit <i>see unit code below</i>	Conversion value	Total kgs harvested
FIELD	CROP	CM02	CM03	CM04	CM05	cm05conv	totkgpt	CM06	CM07	CM08	CM0	CM10	CM11	CM12	cm12conv	kg_harv
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																

Unit Codes (CM05; CM12)

- 1 = 90kg bag
- 2 = 50kg bag
- 3 = 25kg bag
- 4 = 10kg pocket
- 5 = 20lt tin
- 6 = 90kg bag unshelled/unpolished
- 7 = 50kg bag unshelled/unpolished
- 8 = 25kg bag unshelled/unpolished
- 9 = 20 lt tin unshelled/unpolished
- 10 = kg

Seed code CM02

- 1 = hybrid / OPV
- 2 = local
- 3 = recycled hybrid/OPV

Source of Seed (CM03)

- 1=Purchased from shop/other distributors
- 2=Loan from shop/other distributors
- 3=NGOs (PAM, CARE, etc)
- 4=Govt programmes through local coops
- 5=Friends and relatives
- 6=Own harvest

Crop Codes (CM01)

- 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
- 14 = Cowpeas
- 15 = Velvet beans
- 22 = Paprika
- 16 = Coffee
- 17 = Sweet potatoes
- 18 = Cassava
- 19 = Kenaf
- 20 = Cashew nut
- 21= Other crop

TABLE IV (1 of 2): SECTION 4: FOOD PURCHASES AND FOOD AID/RELIEF FOR HOME CONSUMPTION (Since The Last Harvest)

Filename: purch.sav

4.1. Crops purchased or bartered into your possession and food relief received for your home consumption since the last harvest (2002 harvest)

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

Food Acquired (purchased, bartered, received or given as aid gifts)	Food purchases (cash and inkind)										Food/inkind wage				
	Between this year's harvest and now, have you purchased/ bartered this product for home consumption? 1=Yes 2=No-> go to P07	Counting both cash purchases and barter, how much of this product did you buy between this year's maize harvest and now?				What was the price per unit the last time you purchased this item?				Which month did you last buy? <i>See unit code below</i>	What quantity of each item did you obtain from casual labor?				
		Quantity	Unit <i>see code below</i>	Conv value	Total kgs purchased	Price	Unit <i>see code below</i>	conv value	Price per kg		Quantity	Unit <i>see code below</i>	conv value	Total kgs	
	PURCH	P01	P02	P03	conv03	kgpurch	P04	P05	conv05	prickg	P06	P07	P08	conv08	kgcaslbr
Maize grain	01														
Packaged roller meal	02														
Packaged breakfast meal	03														
Maize meal from grinding mill	04														
Millet	05														
Sorghum	06														
Rice	07														
Sweet potatoes	08														
Cassava chips	10														
Cassava flour	11														

Unit Codes (P03, P05, P08, P10, P13)

- 1 = 90kg bag
- 2 = 50kg bag
- 3 = 25kg bag
- 4 = 10kg pocket
- 5 = 20lt tin
- 6 = 90kg bag unshelled/unpolished
- 7 = 50kg bag unshelled/unpolished
- 8 = 25kg bag unshelled/unpolished
- 9 = 20 lt tin unshelled/unpolished
- 10 = kg

Month codes P06

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

Donors Codes (P11)

- 1 = Govt Disaster Management
- 2 = UN World Food Program
- 3 = Churches
- 4 = Other NGOs

- 5 = Households in Village
- 6 = Households outside Village

Main Recipient Codes (P14)

- 1 = Households in the Village
- 2 = Households outside the Village
- 3 = Church
- 4 = NGO
- 5 = Other

TABLE IV (2 of 2): SECTION 4: FOOD PURCHASES AND FOOD AID/RELIEF FOR HOME CONSUMPTION (Since The Last Harvest)

Filename: purch.sav

4.1. Crops purchased or bartered into your possession and food relief received for your home consumption since the last harvest (2002 harvest)

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

Food Acquired (purchased, bartered, received or given as aid gifts)		Food relief and gifts (in and out)									
		Counting all gifts, grants, aid and relief assistance,(including food for work) how much of this product did you RECEIVE between this year's maize harvest and now? (Enter "0" if no product was RECEIVED)					Counting all gifts, grants, aid and relief assistance, how much of this product did you GIVE OUT between this year's maize harvest and now? (Enter "0" if no product was GIVEN OUT)				
		Quantity	Unit <i>see code below</i>	conv value	Total kgs received	Main Donor <i>see code below</i>	Quantity	Unit <i>see code below</i>	conv value	Total kgs given	Main Recipient <i>see code below</i>
	PURCH	P09	P10	conv10	kgrecvd	P11	P12	P13	conv13	kggiven	P14
Maize grain	01										
Packaged roller meal	02										
Packaged breakfast meal	03										
Maize meal from grinding mill	04										
Millet	05										
Sorghum	06										
Rice	07										
Sweet potatoes	08										
Cassava chips	10										
Cassava flour	11										

Unit Codes (P03, P05, P08, P10, P13)

1 = 90kg bag
 2 = 50kg bag
 3 = 25kg bag
 4 = 10kg pocket
 5 = 20lt tin
 6 = 90kg bag unshelled/unpolished
 7 = 50kg bag unshelled/unpolished
 8 = 25kg bag unshelled/unpolished
 9 = 20 lt tin unshelled/unpolished
 10 = kg

Month codes P06

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

Donors Codes (P11)

1 = Govt Disaster Management
 2 = UN World Food Program
 3 = Churches
 4 = Other NGOs

5 = Households in Village
 6 = Households outside Village

Main Recipient Codes (P14)

1 = Households in the Village
 2 = Households outside the Village
 3 = Church
 4 = NGO
 5 = Other

TABLE V. (1 of 1) SECTION 5: FERTILISER ACQUISITION (2001/02 and 2002/03 Agricultural Seasons)

Filename: fert0102.sav

5.2 Acquisition of fertilizer by the household in 2001/2002 agricultural season including acquisition through cash, credit and gift/grant. Key Variables: PROV, DIST, CSA, SEA, HH, FERTCH

Transaction Channels	Did you use this fertilizer transaction channel? 1= Yes 2= No -> <i>go to next channel</i>	How many kilometers is the point of collection for most of the fertilizer on each channel to the homestead? 1 = 0 - 10 km 2 = 11 - 20km 3 = more than 20 km	How much fertilizer did the household acquire for use?		Was fertilizer from this channel available at the time you needed it?		
			Quantity of Basal dressing (in kg)	Quantity of Top Dressing (in kg)	Basal 1 = Yes 2 = No 3 = NA	Top 1 = Yes 2 = No 3 = NA	
	FERTCH	FR01	FR02	FR03	FR04	FR05	FR06
FRA Loan	1						
Commercial Fertilizer Loans	2						
Direct exchange /barter	3						
Cash Purchases	4						
Govt. Food Security Pack (PAM)	5						
Other sources of free fertilizer	6						

TABLE VI. 5.5 Ask the following questions on acquisition of fertilizer by the household in 2002/2003 agricultural season including acquisition through cash, credit and gift/grant.

Filename: fert0203.sav Key Variables: PROV, DIST, CSA, SEA, HH, FERTCH

Transaction Channels	Have you used this fertilizer transaction channel this (2002/03) season? 1= Yes 2= No -> <i>go to next channel</i>	How many kilometers is the point of collection for most of the fertilizer on each channel to the homestead? 1 = 0 - 10 km 2 = 11 - 20km 3 = more than 20 km	How much fertilizer did the household acquire for use?		
			Quantity of Basal dressing (in kg)	Quantity of Top Dressing (in kg)	
	FERTCH	FR07	FR08	FR09	FR10
Govt cash program through coops	1				
Commercial fertilizer loans	2				
Direct exchange /barter	3				
Commercial cash Purchases	4				
Govt. Food Security Pack (PAM)	5				
Other sources of free fertilizer	6				
Govt. loan program through coops	7				

Table VII (1 of 1) SECTION 6: LIVESTOCK AND POULTRY PRODUCTION

Filename: lstock.sav

6.1 Please tell us the livestock that this household raised during 2001/2002 agricultural season.

Key Variables: dist, csa, sea, hh, raise

Livestock Raised	Did you raise during 2001/2002? 1 = Yes 2 = No --->go to next livestock	How many did you raise by 1 st Oct 2001? <i>(Enter "0" if none were raised)</i>	How many are you raising NOW? <i>(Enter "0" if none and go to R07)</i>	How many ... belong to members of this household? <i>(Enter "0" if none)</i>	How many belong to male members of this household? <i>(Enter "0" if none)</i>	How many belong to female members of this household? <i>(Enter "0" if none)</i>	How many died due to illness during last (2001/02) season? <i>(Enter "0" if none died)</i>	How many were sold for Cash during the season? <i>(Enter "0" if none and go to next livestock)</i>	Value of sales in Kwacha	On most occasions, who decided on the use of proceeds? 1 = male 2 = female 3 = both	
	RAISE	R01	R02	R03	R04	R05	R06	R07	R08	R09	R10
Cattle	01										
Cows	02										
Heifers	03										
Bulls	04										
Untrained Oxen	05										
Trained Oxen (trained)	06										
Tollies/Steers	07										
Calves	08										
Pigs	09										
Goats	10										
Sheep	11										
Donkeys	12										
Chickens	13										
Guinea Fowls	14										
Ducks & Geese	15										
Rabbits	16										

Table IX (1 of 1) SECTION 8: HOUSEHOLD PRODUCTION ASSETS/IMPLEMENTS

Filename: asset.sav

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

Key Variables: dist, csa, sea, hh, asset

Type of Assets	How many.....did you have in working condition in the 2001/2002 agricultural season? (Enter 0 if none)	Do you or any member of this household own any in working condition? 1 = Yes 2 = No -> go to next asset	How many do you have in working condition today? (Enter the number)	What is the current total value of all the.....? (Enter the value in Kwacha)
ASSET	AST01	AST02	AST03	AST04
1 = Ploughs				
2 = Harrows				
3 = Cultivators				
4 = Rippers				
5 = Tractors				
6 = Scotch carts				
7 = Water pumps				
8 = Lorries				
9 = Pick-ups/ Vans /Cars				
10 = Bicycles				
11 = Hammer mills				
12 = Hand Hammer Mills				
13 = Rump presses / Oil expellers				
14 = Sprayers				

