

Egerton University- Tegemeo Institute/MSU
Rural Household Survey 1997

(Synthetic Questionnaire)

Date : _____

HH Name _____

Respondent(s) _____

Relationship

Identifying Variables

Enumerator: _____

Enum : _____

Province: _____

Prov : _____

District: _____

Dist : _____

Division: _____

Div : _____

Location: _____

Sub-Location: _____

Village: _____

Vil: _____

Household Number: _____

KEY - HHID: _____

Agro-ecological zone

AEZ: _____

(see next page for definitions)

Zone: _____

AEZsmall: _____

"Tumetoka chuo kikuu ya Egerton na tunafanya utafiti juu ya kilomo. Tunataka ku jua namna ya ku panusha bei, uzaaji ya mazao, na ununuzi ya mahitaji ya kilimo kwa wakulima. Pia tunataka ku kagua vile soko huru ime saidia au umia uwezo wa wakulima ku uza na ku nunua vyakula, na namna ya ku ongeza kuuzaji ya mimea ya kuuza. Tuta shukuru sana usaidizi unaweza kutupatia.

Marudio yako ita wekwa SIRI KABISA. Tuta hoji vyumba 1,400 na ku toa matekeo ya hii nyumba yote kwa jumla."

Q1. In this area, during which month is most maize harvested?

a) For the year? MHVSTM _____

b) From the long rains? (April-Sept) LRHVSTM _____

c) From the short rains? (Oct-Dec) SRHVSTM _____

Month Codes:

1=Jan	5=May	9=Sept
2=Feb	6=June	10=Oct
3=Mar	7=Jul	11=Nov
4=Apr	8=Aug	12=Dec

AEZ	Value	Label
	1	CL - Coastal lowland
	2	L - Lowland
	3	LM3-6 - Lower midland 3-6
	4	LM1-2 - Lower midland 1-2
	5	UM2-6 - Upper midland 2-6
	6	UM0-1 - Upper midland 0-1
	7	LH - Lower highland
	8	UH - Upper highland

AEZSMALL	Value	Label	Value	Label
	1	CL3	10	UM1
	2	CL6	11	UM2
	3	L4	12	UM3
	4	L5	13	UM4
	5	L6	14	LH1
	6	LM1	15	LH2
	7	LM2	16	LH3
	8	LM3	17	UH4
	9	LM4		

ZONE	agr-regional zones based on homogeneity of production		
	Value	Label	
	1	Northern Arid	Garissa and Turkana
	2	Coastal Lowlands	Lilifi and Kwale
	3	Eastern Lowlands	Litui, Mwingi, Machakos, Makueni, Taita taveta
	4	Western Lowlands	Kisumu and Siaya
	5	Western Transitional	Bungoma (Kanduyi), Kakamega (Mumias, Kabras)
	6	High Potential Maize Zone	Bungoma (Kimilili, Tongaren) Kakamega (Lugari) Trans-Nzoia, Uasin Gishu, Bomet, Narok, Nakuru
	7	Western Highlands	Kisii and Vihiga
	8	Central Highlands	Muranga, Nyeri, Meru
	9	Marginal Rain Shadow	Laikipia

PROV	Value	Label	
	1	Coast	5 Western
	2	North Eastern	6 Central
	3	Eastern	7 Rift Valley
	4	Nyanza	8 North Rift

Cropping Pattern, 1996/97, 1995/96

(Main Harvest: for Eastern Kenya refers to Jan-March harvest, planted October 1996, 1995
 Small Harvest: for Eastern Kenya refers to June-Aug harvest, planted April 1996, 1995)

Field.sav - key variables: hhid, harvest, year, field

Harvest 1 = Main 2 = Small	Year 1 - 96-97 2 - 95-96	Field No.	Acres	Fert. Type 1 1=DAP 2=MAP 3=TSP 4=SSP 5=NPK (20:20:0) 6=NPK (17:17:0) 7=NPK (25:5:+5S) 8=CAN 9=ASN 10=UREA 11=SA 12=OTHER	Kg	Fert. Type 2 1=DAP 2=MAP 3=TSP 4=SSP 5=NPK (20:20:0) 6=NPK (17:17:0) 7=NPK (25:5:+5S) 8=CAN 9=ASN 10=UREA 11=SA 12=OTHER	Kg	Land Prep. Type 1=manual 2=oxen 3=tractor	Land Prep. Cost
harvest	year	field	acres	fertype	fertkg	frtype1b	fertkgb	lptype	lpcost

croplev.sav Key variables: hhid, harvest, year, field crop

Harvest 1 = Main 2 = Small	Year 1 - 96-97 2 - 95-96	Field No.	Crop	Acres	Amount Harvest	Unit 1=bags 2=kgs 3=litre 4=crates 5=numbers 6=bunches 7=handfuls 8=other 9=gorogoro(2igs)	Sold same units	To be sold same units	Price	Seed Type 1=Purch Hybd 2=Ret Hybd 3=OPV 4=local var.	Kg
harvest	year	field	crop	acres	hvt	unit	sold	tbsold	price	sdtype	seedkg

See next page for crop codes.

Crop Codes:

1	hybrid maize	50	Other vegetable intercrop
2	traditional maize	51	Other sorghum intercrop
3	maize beans intercrop	52	Other millet intercrop
4	Maize/cowpeas intercrop	53	Other irish potatoes intercrop
5	Maize/cowpeas/pigeon peas intercrop	54	Other groundnut intercrop
6	Maize/irish potatoes intercrop	55	Other coffee intercrop
7	Beans	56	Other cotton intercrop
8	Sorghum	57	Other sugarcane intercrop
9	Millet	58	Other tea intercrop
10	Matoke/Cooking bananas	59	Other pyrethrum intercro
11	Coffee	60	Barley
12	Tea	61	Other french beans intercrop
13	Wheat	62	Gourds intercrop
14	Cotton	63	Tomatoes
15	Sugarcane	64	Sukuma wiki
16	Sisal	65	Pepper
17	Pyrethrum	66	Spinach
18	Vegetables	67	Capsicum
19	Fruits	68	Sweet melon
20	Flowers	69	Water melon
21	Cowpeas/Pigeon peas	70	Pawpaws
22	Fodder	71	Egg plant
23	Coconuts	72	Guava
24	Cashewnuts	73	Mangoes
25	French beans	74	Lemons
26	Other Maize intercrops	75	Oranges
27	Irish potatoes	76	Pumpkin
28	Root crops(cassava, S.potatoes,Arrow rootsetc)	77	Okra
29	Tobacco	78	simsim
30	Sunflower	79	wheat intercrop
31	Paddy rice	80	fodder intercrop
32	Oats	81	yams
33	Groundnuts/Mbarara nuts	90	snow peas
34	Other pulses(Soyabeans, Green grams etc)		
35	Livestock		
36	Other		
37	Other bean intercrop		
38	Other cowpeas/pigeon peas intercrop		
39	Other root crop intercrop		
40	Other paddy rice intercrop		
41	Other coconut intercrop		
42	Other banana intercrop		
43	Sweet potatoes		
44	Arrow roots		
45	Other pulses intercrop		
46	Other cassava intercrop		
47	Other sweet potato intercrop		
48	Other cashew nut intercrop		
49	Other fruit intercrop		

Livestock Revenue - **lstsl01.sav** key variables: hhid, year, livesold

Year 95 = 1995 96 = 1996	Livestock Sold 1=Bees 2=Bulls/Oxen 3=Chicken 4=Goats 5=Sheep 6=Young Stock 7=Cows 8=Pigs 9=Turkeys 10=Ducks 11=Other Livestock 12=Fish	Quantity	Price/Unit (Kshs)
year	livesold	quant	price

Livestock Output - **lstprd01.sav** key variables: hhid,

Year 95 = 1995 96 = 1996	Livestock Production 1 Milk 2 Eggs 3 Honey 4 Other livestock products	Average production/ month	Price/Unit (Kshs)	Unit 1 Kgs 2 litres 3 Trays 4 Piece 5 Numbers 6 Bottles
year	liveprod	avgprod	price	unit

Q 2. Has this households **farming patterns** changed over the past 5 years? 1=yes, 2=no, 3=not sure CPTRNCNG: _____

Q 3. What are the crops/enterprise/variety that : *(see Crop Codes)*
has been introduced ? NEWCROP: _____
has been eliminated? ELIMCROP: _____

Q 4. What are the crops/enterprise/variety that :
has expanded/intensified most? XPNDCROP _____
has expanded/intensified second most? XPNDCRP2 _____

Q 5. What are the crops/enterprise/variety that :
has decreased most? DECROP _____
has decreased second most? DECROP2 _____

Q 6. If you had additional land in your possession, what would you plant? PLTADDIT _____

Q 7.what would you plant for sale? PLT4SALE _____

Q 8. Why didn't your HH plant more of(plt4sale) on the land you allocated to other crops? YNOTPLNT _____

- 1= we actually do plant it (check)
- 2= is not food, and we grow food needs first before crops for sale
- 3= have greater price risk
- 4= have greater yield/weather/disease/pest risk
- 5= require more labor than we have to spare
- 6= requires more animal traction than we have/can get
- 7= can't get the right seeds
- 8= cant get right technical knowledge
- 9= too little land
- 10= other (specify)

Q 8. Compared with 5 years ago, is this HH more or less involved in:

- 1=more now
- 2=more 5 years ago
- 3=about the same
- 4=not sure

- a) dairy activities
- b) Cereal crop production (output produced)
- c) non-cereal production (in terms of output produced)

L5DAIRY _____
 L5CERIAL _____
 L5NONCER _____

Land Tenure and Land Markets

Q 9. What is the tenure status of this HH land ? (if more than one please specify both major and secondary type) ?

- 1= own with title deed
- 2= own but no title
- 3=owned by parent/relative, but we use it.
- 4= Have use rights, but belongs to community/outside family
- 5= rented for material consideration
- 6= borrowed/using for free
- 7=other

TENURE1 _____
 TENURE2 _____

Q 10. How many acres does this HH own?

ACREOWN _____

Q 11. How many acres does this HH use in total?

ACREUSE _____

Q 12. How many acres used but not owned?

ACUSXOWN _____

Q 13. How many acres owned but used by others?

ACOTRUSE _____

Q 14. Of the acres used how many :

- a) acres under crop/fodder ?
- b) owned acres under pasture/fallow ?
- c) acres under woodlot ?

ACCROP _____
 ACPASTFL _____
 ACWOOD _____

Q 15. Would you want to rent additional land for cultivation in this area?

1=yes, 2=no, 3=not sure

WANTRENT _____

15a). if yes, why? (2 reasons)

- 1=my own land is not enough
- 2=expand production of existing food crop
- 3=expand production of new food crop
- 4=expand production of existing crop for sale
- 5=expand production of new cash crop
- 6=expand production of fodder crop
- 7=other _____

WHYRENT _____
 WHYRENT2 _____

15b). **if no, why?**

- 1=have enough land of my own 4=not worthwhile for agriculture
2=can get access without renting 5= other _____
3= cannot afford/too expensive

YNOTRENT _____
YNOTRNT2 _____

Q 16. **Could you get** additional land to **rent** in this area?

1=yes, 2=no, 3=not sure

GETRNT _____
YCNTRNT _____

16a) if no, why not? _____

- 1 small parcels of land
2 land used communally
3 Everybody is farming nowadays
4 others

Q 17. If Q15=yes,

how much would you have to pay to **rent** an acre of relatively good land for one season?

LANDRENT _____

Q 18. **Could you get** additional land to **buy** in this area?

1=yes, 2=no, 3=not sure

LNDBUY _____
YCNBUY _____

18a) if no, why not?

- 1 farms are too small
2 land is communally used
3 Ancestral land can't be sold
4 Source of security
5 others

Q 19. If Q18=yes, how much would you have to pay to **buy** an acre of relatively good land?

LNDPRICE _____

Participation In Grain Markets

Q 20. How many bags did you have in stock(from your own production) just before you began harvesting the 1996/7 main crop?

BAGSSTK _____

Q 21. IF Q20=0, in which month did you run out of maize stocks from your own production before the main 96/97 harvest?

MTHFIN96 _____

Q 21b. How many bags of maize do you have in stock right now (from own production)

BAGSTK96 _____

Q 21c If Q21b=0, in which month did you run out of maize stocks from your own production

MTHFIN97: _____

Q 21d Year mainze harvest stock for 96/97 ran out

YRSTKEND _____

Q 22. During most years do you: (not as trader) (1=yes; 2=no, 3=not sure)

- a) Buy some maize (grain or meal,sifted or posho)
b) Sell some maize
c) Buy some sifted maizemeal

BYMAIZE _____
SELLMAIZ _____
BYSFMZML _____

Q 23. Would your HH be better off with 1=High maize prices, or, 2=low maize prices

MZPHILOW _____

Q 24. Would your HH be better off with 1=Higher maize prices than in 1996 or 2=low er maize prices than in 1996?

MZPHIL96 _____

Q 25. Does this HH normally purchase more maize and maizemeal than it sells, or does it sell more than it buys?

- 1= always sell more than buy 4= generally buys more
2= generally sell more than buy 5= always buys more than sells
3= generally about the same , or neither buys nor sells much

MOBYSELL _____

If HH has purchased sifted maize meal ask

Q 26. "Why do you purchase packaged maize meal instead of buying grain and milling it at a posho mill? YSIFTED _____
1= maize grain not available at some times of the year
2= prefer the taste of packaged maize meal
3= packaged meal cheaper than buying grain and milling ourselves
4= packaged more convenient/saves time
5= packaged more hygienic/cleaner than posho
6= packaged more nutritious than posho meal
7= other (specify)

"The government has liberalized (soko huru) the maize market since 1992..."

Q 27. Compared with 5 years ago, is maize grain more readily available (not price) or more scarce in the local market (last two seasons...)? MZAVAIL5 _____
1=more readily available now 3= no change
2= more readily available 5 years ago 4= not sure

Q 28. Was maize **always available** to buy in the nearest local market? 1=yes 2= no 3= not sure
a) So far in 1997? MZAVAIL97 _____
b) in 1996? MZAVAIL96 _____
c) 5 years ago? MZAVAIL92 _____

Q 29. Comparing the past 2-3 seasons with 5-10 years ago , is it easier/more convenient or harder
a) to *sell your grain* EZYSELL _____
b) to buy grain EZBUY _____
1=better conditions now 3= the same
2= better 5-10 years ago 4= not sure 5=not applicable

Q 30. On the whole, **would you prefer to go back to the grain marketing situation as it was 5 years ago, or do you prefer the present grain marketing system?** GMKTPREF _____
1=prefer the current system 3=no difference/preference
2=prefer the situation 5 years ago 4= not sure

Q 31. Did this HH **engage in maize trading**, buying and selling to/from others during 1996? INFMZTRD _____
1=yes 2=no 3=not sure

Q 32 If yes, how many bags of maize did you trade (**not own production**) over this period (Dec 1995-Dec1996, or in Eastern, March 1996-March 1997) BAGSTRD _____

Q 33. During 1996/7, was maize consumed in forms other than food for family members (e.g animal feed, ceremonial purposes, brewing etc) specify _____ 1=yes 2=no 3=not sure MZOTHUSE _____

Q 34. If yes, about how many bags? BGSOTHYS _____

Cpurch01.sav key variables: hhid purch

Purchases		About how much did you buy the 3 months after MH 1995 JFMAMJJASOND			About how much did you buy over the next 3 months			and the next 3 months			and the 3 months before MH96			If HH has purchased/received maize grain since MH 96, how much?***		
		Qty	Unit	Seller (main)	Qty	Unit	Seller	Qty	Unit	Seller	Qty	Unit	Seller	Qty	Unit	Source
purch		qb1	unitb1	selb1	qb2	unitb2	selb2	qb3	unitb3	selb3	qb4	unitb4	selb4	qb5	unitb5	selb5
Maize Grain (cash or barter)	1															
Maize Grain gift/relief	2															
Packaged Sifted	3															
Posho meal	4															
Millet/sorghum/cassava	5															
Wheat flour	6															
Wheat bread	7															
Rice	8															

Unit Codes

1=bag
 2=debe
 3=gorogoro
 4=loaves
 5=kg
 6=pieces

Seller Codes

1= retail shop
 2= trader in local market
 3= neighbor or relative
 4= posho miller
 5= NCPB
 6= cooperative
 7= other: _____
 8=distant trader
 9=government relief

****This last set of columns was asked of all purchases, not just maize grain.**

Q 37. "We are interested to know how much maize and other food staples you consume."

Staple01.sav key variables: hhid, stpltype

Type of Staple	Code	Consumption by HH in normal week (if not eaten every week, value converted to how much was eaten if eaten every week for one year.)	Unit Code 1=Kg 2=gorogoro 3= debe 4=bags 5=loaves 6=pieces 7=bunches 8= others	Percent of own production that constitutes household's consumption
	stpltype	qstaple	units	pcntown
wheat bread	1			
cassava	2			
Githeri	3			
irio	4			
bananas	5			
millet/sorghum	6			
muthokoi	7			
posho maize meal	8			
potatoes	9			
rice	10			
sifted maize meal	11			
uji	12			
wheat flour	13			
yams and/or arrowroot	14			
edome	15			

Q 39. Labour Used in Main Maize Crop

" We are interested to know how you organize labor on your farm. This information may be difficult to remember so we will confine ourselves to your last maize crop/intercrop."

clabor01.sav key variables: hhid labor

				Hired		Family			# Hours/day		Mandays
		# of days	# People	Male	Female	Male	Female	Children	Hired	Family	
labor		days	people	hm	hf	fm	ff	fc	hhrs	fhrs	mindys
Land Preparation	1										
Planting	2										
Weeding (1st)	3										
Weeding (2 nd)	4										
Top Dressing	5										
Dusting	6										
Stooking	7										
Watchman	8										
Harvesting (Maize)	9										
Haul to store	10										
Shelling	11										

hh01.sav

What percentage of family labour time in agricultural activities is spent on maize ?

PFLBMZE _____

Off- farm Income Earning Activities

Q 40. Over the past 12 months, has anyone **living in this HH** earned income from **off your own farm**?

1=yes 2=no 3=not sure OFRMINC _____

Q 41. Did **anyone** living in this HH engage in:

- a) labor on another persons' farm: FRMLABR _____
 b) off-farm job/formal sector activities INFRML _____
 c) informal sector manufacturing (jua kali) INFJUAK _____
 specify types:_____

- d) off-farm informal sector trading/hawking INFTRD _____
 specify types:_____

Q 42. If there were an off-farm job in this area (manual labor), would

- a: the head of this HH (name)
 b: non employed adult

be willing to work full-time, for 5 days a week during the 5 month period **BEFORE the main crop harvest**, for a daily wage of(start at Ksh 50 per 8 hour day)?

10	80	150	RWHHB4 _____
20	90	150-200	RWOHB4 _____
30	100	200-250	
40	110	250-300	
50	120	300-500	
60	130	must be over 500	
70	140	1=not willing to do this kind of work at any wage	

Q 42b. What is the wage rate in this area ? WAGERATE _____

Q 43. What about during the 5 months **AFTER the main crop harvest**
repeat procedure

- a: the head of this HH RWHHAFTH _____
 b: non employed adult RWOHAFTH _____

Q 44. **Compared with 5 years ago, is this HH more or less involved in:**

- 1=more now 3= about the same
 2= more 5 years ago 4= not sure
- a) income earning activities off the farm L5OFFRM _____

Access To, And Use Of, Credit, Fertilizer And Hybrid Maize Seed

Q 45. Did you **try to obtain** any credit in 1996? 1= yes, 2=no, 3=not sure CREDTRY _____

Q 46. For what purpose

- 1=school fees 3=HH needs 5=other _____ CREDWHY _____
 2=medical 4= farming CREDWHY2 _____

Q 47. During 1996, did you **receive credit in cash or in kind**? CREDREC _____
 1=yes 2=no 3=not sure

Q 48. Did you **try to obtain credit for farm inputs** in 1996? CRFRMINP _____
 1=yes 2=no 3= don't know

Q 49. If you did try to get **agricultural credit**, did you **actually receive**?
1=yes 2=no 3= don't know Cragget _____

Q 50. If yes, from what source Cragwhr _____
1= AFC 8 = informal group
2= commercial bank 9= cooperative
3= informal money lender 10= other _____
4= friend/relative 11= Parastatal e.g KTDA
5= trader/shopkeeper/input distributor 12= Private Company
13 Government

Q 51. Did this **HH use fertilizer in 1996**? 1=yes 2=no 3=not sure FERTUSE _____

Q 51b. Did this **HH use fertilizer on maize in 1996**? FERTUSMZ _____

Q 52. If 51 a) or b) = yes, how did you finance your purchase of fertilizer during 1996.
major source: FERTFIN1 _____
secondary source: FERTFIN2 _____
1= with earnings from farming 8 = informal group
2= with off-farm/remittance income 9= cooperative
3= AFC 10= other. _____
4= loan from commercial bank 11 Parastatal e.g
5= loan from informal money lender 12 Private Company
6= from friend/relative 13 Government
7= from trader/shopkeeper/input distributor

Q 53. Compared to 5 years ago, is your fertilizer use on maize (total bags, not nutrient) FERTQL5 _____
1= more now 3= about the same 5= don't know
2= more 5 years ago 4= did not use then or now

Q 53b If did not use fertilizer have you ever used it ? 1=yes, 2=no, 3=not use FERTEVER _____

Q53c Why did you stop using/never use fertilizer ? WHYSTOP _____
1 Lack of money
2 Expensive
3 Risk of losing even more in case of drought
4 Once used, can't stop; soil will be spoiled
5 Don't know how to use it/never seen it
6 Our soils are fertile
7 With poor rains, scotching effect is too high
8 Uses manure which, is good enough
9 Others

Q 54. Did this HH **use farmyard manure 1996**? 1=yes 2=no 3=not sure FYMUSE _____

Q 55. Did this HH **use hybrid maize seed in 1996**? HYBUSE _____
1=yes 2=no 3=not sure 4= not applicable

Q 56. Compared to 5 years ago, is your use of hybrid maize seed (Total) Comment?? HYSDL5 _____
1= more now 3= about the same 5= don't know
2= more 5 years ago 4= did not use then or now

Access To Infrastructure

(Distance is in kilometers, Km)

	Km	Ksh/50 kg bag
Q 57. How far are you from where you buy fertilizer ?	FERTKM _____	FERTTSP _____
Q 58. How far are you from a fertilizer seller?	FERTSKM _____	FERTSTSP _____
	Distance in Km	How many minutes to walk
Q59 a) How far are you from a motorable road ?	DMTROAD _____	DWMTROAD _____
b) How far are you from a tarmac road ?	DTMROAD _____	DWTMROAD _____
c) How far are you from a matatu/bus stop ?	DM3STOP _____	DWM3STOP _____
d) How far are you from piped water ?	DPH2O _____	DWPH20 _____
e) How far are you from a health center ?	DHLTCTR _____	DWHLTCTR _____
f) How far are you from electricity ?	DELECT _____	DWELECT _____
g) How far are you from telephone services ?	DTELEP _____	DWTELEP _____
h) How far are you from extension advice ?	DEXTN _____	DWEXTN _____
i) How far are you from veterinary help ?	DVET _____	DWVET _____
j) Matatu fare to/from source of most inputs 1		M3FARE1 _____
k) Matatu fare to/from source of most inputs 2		M3FARE2 _____
l) Number of years since you last received extension services		TEXTN _____
1 < 1 year	4 >5	
2 1-2 years	5 never	
3 3-5 years	6 Don't know	
m) What type of veterinary is available to you ?		TYPVET _____
1 =government	3 =semi government/private	
2 =private	4 Doesn't use	

Household Agricultural Assets

Q 60. In 1996, how much/many of the following did this HH own?

casset01.sav key variables: hhid, item

Item	Quantity	Value/unit
1=Local cows		
2=Grade Cows		
3=Mixed cows		
4=Bulls (type)		
5=Local Calves		
6=Grade calves		
7=Draft Oxen		
8=pigs > weaning age		
9=donkeys		
10=Goats		
11=Sheep		
12=Poultry		
13=ploughs for tractor		
14=animal traction plough		
15=cart		
16=trailer		
17=tractor		
18=vehicles		
19=other		
20=spray pump		
21=irrigation eqpt		
22=water tanks		
23=stores		
24=poultry2		
25=wheel barrow		
26=combine harvester		
27=bicycle	1=yes, 2=no	
28=radio	1=yes, 2=no	

Informal Income Earning Activity

Q 61. What were the main informal income earning activity undertaken by a HH members during 1996. (*in terms of income generated*)

Individual	Activity
	INFACT1>
	INFACT2>
	INFACT3>

Q61b. Is this more or less than 5 years ago? L5OFF2 _____
 1=more 2=same 3=less

For *1st* individual/activity

Q 62. For the last **month**, what was the value of your total sales/earnings from this activity (Ksh last month) SALSVA _____

Q 63. Was this a high, average or low month for sales SALESLA _____
 1=high, 2= average 3= low

Q 64. High sales total (not calculated from data file chhi01) TMHSALE_____
 Average sales total (not calculated from data file chhi01) TMASALE_____
 Low sales total (not calculated from data file chhi01) TMLSALE_____

Q 65. For "high" months, how much do you expect to see in sales? IBAHMS _____

Q 66. For "average" months, how much do you expect to see in sales? IBAAMS _____

Q 67. For "low" months, how much do you expect to see in sales? IBALMS _____

Q 68. After all costs are considered, how much profit did you earn in this business last month? IBAPFT _____

For 2nd individual/activity

Q 62b. For the last **month**, what was the value of your total sales/earnings from this activity (Ksh last month) SALSVB _____

Q.63b Was this a high, average or low month for sales SALESLB _____
 1=high, 2= average 3= low

Q 64b. High sales total (not calculated from data file chhi01) TMHSALEB_____
 Average sales total (not calculated from data file chhi01) TMASALEB_____
 Low sales total (not calculated from data file chhi01) TMLSALEB_____

Q65b For "high" months, how much do you expect to see in sales? IBBHMS _____

Q66b For "average" months, how much do you expect to see in sales IBBAMS _____

Q 67b For "low" months, how much do you expect to see in sales? IBBLMS _____

Q68b After all costs are considered, how much profit did you earn in this business last month?
IBBPFT _____

For 3rd individual/activity

Q 62c For the last **month**, what was the value of your total sales/earnings from this activity (Ksh last month) SALSVC _____

Q63c Was this a high, average or low month for sales SALES LC _____
1=high, 2= average 3= low

Q 64c. High sales total (not calculated from data file chhi01) TMHSALEC _____
Average sales total (not calculated from data file chhi01) TMASALEC _____
Low sales total (not calculated from data file chhi01) TMLSALEC _____

Q 65c For "high" months, how much do you expect to see in sales? IBCHMS _____

Q 66c For "average" months, how much do you expect to see in sales? IBCAMS _____

Q 67c For "low" months, how much do you expect to see in sales IBCLMS _____

Q 68c After all costs are considered, how much profit did you earn in this business last month?
IBCPFT _____

Q 64, Q64b, Q64c. Which months sales you would consider "high", "average" or "low" ?

chhi01.sav key variables: hhid, actno, activity, saletype,

3 activities 1=1st 2=2nd 3=3rd	Description	Volume of Sales 1=high 2=average 3=low	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
actno	activity	saletype	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec

Jan-Dec coding: 1 = yes, 0 = no.