

Strictly Confidential



REPUBLIC OF ZAMBIA
Central Statistical Office
Third Supplemental Survey (2008) to the
1999/2000 Post Harvest Survey (small and medium scale holdings)

Informed Consent Form for Food Security Cooperative Agreement Surveys in Africa

This survey is part of a team effort at the Central Statistical Office aimed at studying options to improve crop production and marketing, and food consumption among small farmers. Your help in answering these questions is very much appreciated. Your responses will be kept COMPLETELY CONFIDENTIAL to the maximum extent allowable by law. If you choose to participate, you may refuse to answer certain questions, or you may stop participating at any time. Your responses will be summed together with those of roughly 7,000 other households in Zambia and general averages from analysis will be reported. You indicate your voluntary consent by participating in this interview: may we begin? If you have questions about this survey, you may contact the Director, CSO headquarters in Lusaka. If you have any questions for Michigan State University about this survey, you may contact Dr. Peter Vasitenko at 517 355 2180.

1.	Province	PROV		
2.	District	DIST		
3.	CSA Number	CSA		
4.	SEA Number	SEA		
5.	Household Serial Number	HH		
6.	Village / Locality	VIL		
6a.			<i>1 = panel 2 = new</i>	HHSELECT <input type="text" value="2"/>

7d.	What is the name of the current Household Head	HHNAME2		
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9c.	What is the name of the current respondent	RESP08		
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10	Category	(1=A: Small, 2= B: Medium)	CATEGORY	
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11.	RESPONSE STATUS	RESPONSE		
<i>1=Complete - GO TO SECTION 1.</i>				

12.	ASSIGNMENT RECORD					Day/	Mon/	Year
a.	Name of Enumerator	ENCODE	<input type="text"/>	<input type="text"/>	<input type="text"/>	Date completed	<input type="text"/>	<input type="text"/>
b.	Name of Supervisor	SPCODE	<input type="text"/>	<input type="text"/>	<input type="text"/>	Date checked	<input type="text"/>	<input type="text"/>
c.	Name of DEO	DECODE	<input type="text"/>	<input type="text"/>	<input type="text"/>	Date entered	<input type="text"/>	<input type="text"/>

SECTION 1: (FOR NEW SAMPLE HOUSEHOLDS) DEMOGRAPHIC CHARACTERISTICS OF HOUSEHOLD MEMBERS OTHERWISE GO TO PAGE 5.

ENUMERATOR: (NEW HOUSEHOLDS) LIST ALL HOUSEHOLD MEMBERS AND THEN ASK DEMOGRAPHIC CHARACTERISTICS OF EACH INDIVIDUAL, OTHERWISE GO TO PAGE 5 FOR PANEL HOUSESHOLDS.

1.1a Tell us about each Adult member of the household born in or before 1996 (12 years and above). *If this household is part of a polygamous family, ask only about the household members at this particular household.*

Table 1.1a Demographic Characteristics of Members *Key variables: PROV, DIST, CSA, SEA, HH, MEM* **Reference Period: Beginning of June 2007 to end of May 2008**

ID	Name	In which year was this person born? <i>Note: it should be in or before 1996</i>	What is the sex of ... ? <i>1=male 2=female</i>	What is the relationship of ... to the current head <i>(See code below)</i>	What is the marital status of <i>(See code 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>	How many months in the past 12 months has been away from the household? <i>If NDA10 = 12 months, go to next HH member</i>	Has ... been chronically ill and unable to perform hh duties for the past three (3) months ? <i>1= Yes 2= No (go to next mem)</i>	If NDA11=yes, how many months ago did become chronically ill?
MEM	NNAME	NDA04	NDA05	NDA06	NDA07	NDA08	NDA09	NDA10	NDA11	NDA12
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Relationship to head (NDA06)	
1= head	8= son/daughter-in-law
2= spouse	9= brother/sister-in-law
3= own child	10= parent-in-law
4= step child	11= grandchild
5= parent	12=other relative
6= brother/sister	13=unrelated
7= nephew/niece	

Marital Status (NDA07)
1 = never married
2 = monogamously married
3 = polygamously married
4 = divorced
5 = widowed
6 = separated
7 = cohabit

Education levels (NDA09)		
00=None	06=Standard 5; Grade 6	13= Form 6 Lower
01=Sub-standard A; Grade 1	07=Standard 6; Grade 7	14= Form 6 Upper
01=Sub-standard B; Grade 1	08=Form 1; Grade 8	15= College Student
02=Standard 1; Grade 2	09=Form 2; Grade 9	16=Undergraduate student
03=Standard 2; Grade 3	10=Form 3; Grade 10	17=Certificate/Diploma
04=Standard 3; Grade 4	11= Form 4; Grade 11	18= Bachelors Degree
05=Standard 4; Grade 5	12= Form 5; Grade 12	19= Masters degree & above

TABLE 1.1a Continued

ENUMERATOR: ENTER DEMOGRAPHIC CHARACTERISTICS OF INDIVIDUALS IN HOUSEHOLDS IN NEW HOUSEHOLDS, OTHERWISE GO TO PAGE 5.

1.1a Tell us about each Adult member of the household born in or before 1996 (12 years and above). *If this household is part of a polygamous family, ask only about the household members at this particular household.*

Table 1.1a Demographic Characteristics of Members *Key variables: PROV, DIST, CSA, SEA, HH, MEM* **Reference Period: Beginning of June 2007 to end of May 2008**

ID	Name	In which year was this person born? <i>Note: it should be in or before 1996</i>	What is the sex of ? <i>1=male 2=female</i>	What is the relationship of ... to the current head <i>(See code below)</i>	What is the marital status of <i>(See code 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>	How many months in the past 12 months has been away from the household? <i>If NDA10 = 12 months, go to next HH member</i>	Has ... been chronically ill and unable to perform hh duties for the past three (3) months ? <i>1= Yes 2= No (go to next mem)</i>	If NDA11=yes, how many months ago did become chronically ill?
MEM	NNAME	NDA04	NDA05	NDA06	NDA07	NDA08	NDA09	NDA10	NDA11	NDA12
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										

Relationship to head (NDA06)
 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 (NDA07)
 1 = never married
 2 = monogamously married
 3 = polygamously married
 4 = divorced
 5 = widowed
 6 = separated
 7 = cohabit

Education levels (NDA09)
 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

ENUMERATOR: ENTER DEMOGRAPHIC CHARACTERISTICS OF CHILDREN BORN AFTER 1996 (11 years and below) FOR NEW HOUSEHOLDS, OTHERWISE GO TO PAGE 5

1.1b Tell us about each child born AFTER 1996 (11 years and below). If this household is part of a polygamous family, ask only about the household members at this particular household.

Table 1.1b Demographic Characteristics of Members Key variables: PROV, DIST, CSA, SEA, HH, MEM Reference Period: Beginning of June 2007 to end of May 2008

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? <i>Note: it should be after 1996</i>	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 NDC08 3. Do not know → Go to NDC08</i>	Is the biological mother of a member of this household?		Is the biological father of alive? <i>1= Yes 2= No → Go to NDC10 3. Do not know → Go to NDC10</i>	Is the biological father of a member of this household?		Has....been chronically ill and unable to perform hh duties for the past three (3) months? <i>1= Yes 2= No</i>
								<i>1= Yes 2= No</i>	<i>If Yes, enter Mem No from T1.1a</i>		<i>1= Yes 2= No</i>	<i>If Yes, enter Mem No from T1.1a</i>	
MEM	NNAME1	NDC01	NDC02	NDC03	NDC04	NDC05	NDC06	NDC07	NDC07A	NDC08	NDC09	NDC09A	NDC10
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													

Relationship to head (NDC01)				Education levels (NDC05)			
1= head	5= parent	9= brother/sister-in-law	12=other relative	00=None	03=Standard 2; Grade 3	07=Standard 6; Grade 7	
2= spouse	6= brother/sister	10= parent-in-law	13=unrelated	01=Sub-standard A; Grade 1	04=Standard 3; Grade 4	08=Form 1; Grade 8	
3= own child	7= nephew/niece	11= grandchild		01=Sub-standard B; Grade 1	05=Standard 4; Grade 5		
4= step child	8= son/daughter-in-law			02=Standard 1; Grade 2	06=Standard 5; Grade 6		

ENUMERATOR : FOR PANEL HOUSEHOLDS DEMOGRAPHIC CHARACTERISTICS OF ADULTS BORN IN OR BEFORE 1996 (12 YEARS and ABOVE)

1.2a Adults born in or before 1996 (12 years and above). Tell us about each member of the household listed in the previous survey. Include new or additional adult members in the next table.

Table 1.2a Demographic Characteristics of Members Key variables: PROV, DIST, CSA, SEA, HH, MEM Reference Period: Beginning of June 2007 to end of May 2008

ID	Name	Is this person currently considered a member of this household? 1=Yes -> Go to DA03 2=No	If this person is not a member of this household anymore, why? (See codes below)	How many months in the past 12 months has been away from the household? <i>If DA03 = 12 months, Ask DA04 to DA09, then go to next HH member</i>	Enumerator: Ask if response to DA01=1 (Yes)							
					In which year was this person born? <i>Note: it should be in or before 1996 (pre-entered)</i>	What is the sex of ? 1=male 2=female (pre-entered)	What is the relationship of ... to the current head (See codes below)	What is the marital status of (See codes below)	Is attending formal school? 1 = Yes 2 = No	What is the highest level of education ..completed? (See codes below) <i>If DA03 = 12 go to next member</i>	Has ... been chronically ill and unable to perform hh duties for the past three (3) months? 1= Yes 2= No (go to next mem)	If DA10=yes, how many months ago did ... become chronically ill?
MEM	NAME	DA01	DA02	DA03	DA04	DA05	DA06	DA07	DA08	DA09	DA10	DA11
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

PRE-ENTERED

Reasons for not being a member (DA02)	
1=left to find a job	8=never was a member or not known by hh
2=separated	9=left with mother/father
3=married away	10=to attend school
4=deceased	11=hired worker left
5=divorced	12=other (specify)_____
6=living with relatives	
7=established own hh	

Relationship to head (DA06)	
1= head	8= son/daughter-in-law
2= spouse	9= brother/sister-in-law
3= own child	10= parent-in-law
4= step child	11= grandchild
5= parent	12=other relative
6= brother/sister	13=unrelated
7= nephew/niece	

Marital Status (DA07)
1 =never married
2 = monogamously married
3 = polygamously married
4 = divorced
5 = widowed
6 = separated
7 = cohabit

Education levels (DA09)		
00=None	06=Standard 5; Grade	13= Form 6 Lower
01=Sub-standard A; Grade 1	07=Standard 6; Grade	14= Form 6 Upper
01=Sub-standard B; Grade 1	08=Form 1; Grade 8	15= College Student
02=Standard 1; Grade 2	09=Form 2; Grade 9	16=Undergraduate student
03=Standard 2; Grade 3	10=Form 3; Grade 10	17=Certificate/Diploma
04=Standard 3; Grade 4	11= Form 4; Grade 11	18= Bachelors Degree
05=Standard 4; Grade 5	12= Form 5; Grade12	19= Masters degree & above

TABLE 1.2a Continued

1.2a Adults born in or before 1996 (12 years and above). Tell us about each member of the household listed in the previous survey. Include new or additional adult members in the next table.

Table 1.2a Demographic Characteristics of Members Key variables: PROV, DIST, CSA, SEA, HH, MEM Reference Period: Beginning of June 2007 to end of May 2008

ID	Name	Is this person currently considered a member of this household? <i>1=Yes -> Go to DA03 2=No</i>	If this person is not a member of this household anymore, why? <i>(See codes below)</i>	How many months in the past 12 months has been away from the household? <i>If DA03 = 12 months, Ask DA04 to DA09, then go to next HH member</i>	Enumerator: Ask if response to DA01=1 (Yes)							
					In which year was this person born? <i>Note: it should be in or before 1996 (pre-entered)</i>	What is the sex of ? <i>1=male 2=female (pre-entered)</i>	What is the relationship of ... to the current head <i>(See codes below)</i>	What is the marital status of <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> <i>If DA03 = 12 go to next member</i>	Has ... been chronically ill and unable to perform hh duties for the past three (3) months? <i>1= Yes 2= No (next mem)</i>	<i>If DA10=yes, how many months ago did ... become chronically ill?</i>
MEM	NAME	DA01	DA02	DA03	DA04	DA05	DA06	DA07	DA08	DA09	DA10	DA11
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

PRE-ENTERED

Reasons for not being a member (DA02)	
1=left to find a job	8=never was a member or not known by hh
2=separated	9=left with mother
3=married away	10=to attend school
4=deceased	11=hired worker left
5=divorced	12=other (specify)_____
6=living with relatives	
7=established own hh	

Relationship to head (DA06)	
1= head	8= son/daughter-in-law
2= spouse	9= brother/sister-in-
3= own child	10= parent-in-law
4= step child	11= grandchild
5= parent	12=other relative
6= brother/sister	13=unrelated
7= nephew/niece	

Marital Status (DA07)
1 = never married
2 = monogamously married
3 = polygamously married
4 = divorced
5 = widowed
6 = separated
7 = cohabit

Education levels (DA09)		
00=None	06=Standard 5; Grade	13= Form 6 Lower
01=Sub-standard A; Grade 1	07=Standard 6; Grade	14= Form 6 Upper
01=Sub-standard B; Grade 1	08=Form 1; Grade 8	15= College Student
02=Standard 1; Grade 2	09=Form 2; Grade 9	16=Undergraduate
03=Standard 2; Grade 3	10=Form 3; Grade 10	17=Certificate/Diploma
04=Standard 3; Grade 4	11= Form 4; Grade 11	18= Bachelors Degree
05=Standard 4; Grade 5	12= Form 5; Grade 12	19= Masters degree & above

1.2b Additional Adults not listed in previous survey (not listed in table 1.2a) born in or before 1996 (12 years and above)

1.2b Tell us about each additional adult member of the household not listed in table 1.2a presently living in the household. If this household is part of a polygamous family, ask only about the household members at this particular household.

Table 1.2b Demographic Characteristics of Members Key variables: PROV, DIST, CSA, SEA, HH, MEM Reference Period: Beginning of June 2007 to end of May 2008

ID	What is the name of the additional member?	How many months in the past 12 months has this person been away from this household?	Was a resident member of the hh in the past survey? <i>1 = Yes-> Go to AD04 2 = No</i>	Why did this new member join the household since the past survey? <i>(See code below)</i>	In which year was this person born? <i>Note: it should be in or before 1996</i>	What is the sex of? <i>1=male 2=female</i>	What is the relationship of to the current head <i>(See code below)</i>	What is the marital status of <i>(See code below)</i>	Is attending formal school? <i>1 = Yes 2 = No</i>	What is the highest level of education completed? <i>(See code below)</i>	Has been chronically ill and unable to perform hh duties for the past three (3) months? <i>1= Yes 2= No (->Go to next member)</i>	If AD10=yes, how many months ago did ... become chronically ill?
MEM	Aname	AD01	AD02	AD03	AD04	AD05	AD06	AD07	AD08	AD09	AD10	AD11
131												
132												
133												
134												
135												
136												
137												
138												
139												
140												
141												
142												
143												

Reasons for joining the household (AD03)		Relationship to head (AD06)	
1=married into the family	9=old age/need help	1= head	8= son/daughter-in-law
2=returned to help with activities	10=worker	2= spouse	9= brother/sister-in-law
3=returned because he/she is sick	11=followed parent	3= own child	10= parent-in-law
4=hh member missed in past survey	12=visited & stayed	4= step child	11= grandchild
5=lost parents	13=inherited brother's wife	5= parent	12=other relative
6=fostered	14=other (specify)	6= brother/sister	13=unrelated
7=widowed/divorced/separated		7= nephew/niece	
8=to go to school			

Marital Status (AD07)
1 = never married
2 = monogamously married
3 = polygamously married
4 = divorced
5 = widowed
6 = separated
7 = cohabit

Education levels (AD09)		
00=None	06=Standard 5; Grade	13= Form 6 Lower
01=Sub-standard A; Grade 1	07=Standard 6; Grade	14= Form 6 Upper
01=Sub-standard B; Grade 1	08=Form 1; Grade 8	15= College Student
02=Standard 1; Grade 2	09=Form 2; Grade 9	16=Undergraduate
03=Standard 2; Grade 3	10=Form 3; Grade 10	17=Certificate/Diploma
04=Standard 3; Grade 4	11= Form 4; Grade 11	18= Bachelors Degree
05=Standard 4; Grade 5	12= Form 5; Grade12	19= Masters degree & above

1.2C DEMOGRAPHIC CHARACTERISTICS OF CHILDREN (BORN AFTER 1996) FOR PANEL HOUSEHOLDS

1.2c Tell us about children born after 1996 (11 years and below) that were listed in 2001 or 2004. If this household is part of a polygamous family, ask only about the household members at this particular household.

Table 1.2c Demographic Characteristics of Children Key variables: PROV, DIST, CSA, SEA, HH, MEM Reference Period: Beginning of June 2007 to end of May 2008

ID	Name <i>Start with oldest child</i>	Is ----- currently considered a member of this household? <i>1=Yes -> Go to DC01 & ask all questions 2=No</i>	If is not a member of this household anymore, why? <i>See code below Ask DC01 to DC05 & then go to next member</i>	What is the relation- ship of to the current head? <i>(See code 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 code below)</i>	Is the biological mother of alive? <i>1= Yes 2= No -> Go to DC08 3. Do not know -> Go to DC08</i>	Is the biological mother of a member of this household?		Is the biological father of alive? <i>1= Yes 2= No -> Go to DC10 3. Do not know</i>	Is the biological father of a member of this household?		Has....been chronically ill and unable to perform hh duties for the past three (3) months? <i>1= Yes 2= No</i>
										<i>1= Yes 2= No</i>	<i>If Yes, enter Mem No from T1.2a/b</i>		<i>1= Yes 2= No -> Go to DC10</i>	<i>If Yes, enter Mem No from T1.2a/b</i>	
MEM	CNAME	DC01A	DC01B	DC01	DC02	DC03	DC04	DC05	DC06	DC07	DC07A	DC08	DC09	DC09A	DC10
51															
52															
53															
54															
55															
56															
57															
58															
59															
60															
61															

PRE-ENTERED

Relationship to head (DC01)				Education levels (DC05)			
1= head	5= parent	9= brother/sister-in-law	12=other relative	00=None	04=Standard 3; Grade 4	08=Form 1; Grade 8	
2= spouse	6= brother/sister	10= parent-in-law	13=unrelated	01=Sub-standard A; Grade 1	05=Standard 4; Grade 5	09=Form 2; Grade 9	
3= own child	7= nephew/niece	11= grandchild		01=Sub-standard B; Grade 1	06=Standard 5; Grade 6	10=Form 3; Grade 10	
4= step child	8= son/daughter-in-law			02=Standard 1; Grade 2	07=Standard 6; Grade 7		
				03=Standard 2; Grade 3			

1.2d Additional Children not Listed in 2001 or 2004 born after 1996 (11 years and below)

1.2d Tell us about each additional child of the household born after 1996 (11 years and below). *If this household is part of a polygamous family, ask only about the household members at this particular household.*

Table 1.2d Demographic Characteristics of children in HH Key variables: PROV, DIST, CSA, SEA, HH, MEM Reference Period: Beginning of June 2007 to end of May 2008

ID	Name <i>Start with oldest child</i>	How many months in the past 12 months has this person been away from this household?	Why did this new member join the household since the past survey? <i>(See code below)</i>	What is the relationship of to the current head? <i>See codes below</i>	Which year was born? <i>(after 1996)</i>	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 ADC08 3. Do not Know →Go to ADC08</i>	Is the biological mother of a member of this household?		Is the biological father of alive? <i>1= Yes 2= No → Go to ADC10 3. Do not Know →Go to ADC10</i>	Is the biological father of a member of this household?		Has....been chronically ill and unable to perform hh duties for the past three (3) months? <i>1= Yes 2= No</i>
										<i>1= Yes 2= No</i>	<i>If Yes, enter Mem No from T1.2a/b</i>		<i>1= Yes 2= No</i>	<i>If Yes, enter Mem No from T1.2a/b</i>	
MEM	ADCNAME	ADC01A	ADC01B	ADC01	ADC02	ADC03	ADC04	ADC05	ADC06	ADC07	ADC07A	ADC08	ADC09	ADC09A	ADC10
171															
172															
173															
174															
175															
176															
177															
178															
179															
170															
181															
182															

Relationship to head (ADC01)		Reasons for joining the household (ADC01B)	Education levels (ADC05)		
1= head	7= nephew/niece	1=newly born into household	00=None	04=Standard 3; Grade 4	08=Form 1; Grade 8
2= spouse	8= son/daughter-in-law	2=followed parent	01=Sub-standard A; Grade 1	05=Standard 4; Grade 5	09=Form 2; Grade 9
3= own child	9= brother/sister-in-law	3=fostered	01=Sub-standard B; Grade 1	06=Standard 5; Grade 6	10=Form 3; Grade 10
4= step child	10= parent-in-law	4=missed in 2001/2004	02=Standard 1; Grade 2	07=Standard 6; Grade 7	
5= parent	11= grandchild	5=to go to school	03=Standard 2; Grade 3		
6= brother/sister	12=other relative	6=lost parents			
	13=unrelated	7=other (specify) _____			

<p>PD03 - Month</p> <p>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>PD05 Major cause of death</p>		
<p>1=Pneumonia 2=Malaria 3=Tuberculosis (TB) 4= Chronic diarrhea 5= Meningitis 6= Anemia 7= Fits 8= Mental illness 9= Heart disease 10= Chest pains 11= Stomach disease 12= Stroke</p>	<p>13=HIV/AIDS 14=Accident 15=Suicide 16=Murdered 17=Snake bite 18=Old Age 19=Other sudden death within 4 days 21=Cancer 22=Diabetes 23= Yellow fever, typhoid, measles, cholera 24=Birth/miscarriage problems 25=Syphilis, gonorrhea</p>	<p>26=Sores, mouth or other sores 27=Asthma 28=Bleeding 29=Alcohol 30= Prolonged Cough 31= Herpes Zoster 20=Do not know 32=Other (specify) _____</p>	

<p>PD13, PD14 Relationship to Head</p>
<p>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</p>

<p>PD17, PD19 Location of activity</p>
<p>0=at household 1=within village 2=within district (rural) 3=within district (<u>urban</u>) 4=other district (rural) 5=other district (<u>urban</u>) 6=another country</p>

<p>Education levels (PD15)</p>
<p>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 09=Form 2; Grade 9 10=Form 3; Grade 10 11= Form 4; Grade 11 12= Form 5; Grade12 13= Form 6 Lower 14= Form 6 Upper 15= College Student 16=Undergraduate student 17=Certificate/Diploma 18= Bachelors Degree 19= Masters degree & above</p>

District codes (HH05b)

Code	District	Code	District	Code	District
101	Chibombo	501	Chongwe	801	Choma
102	Kabwe Urban	502	Kafue	802	Gwembe
103	Kapiri Mposhi	503	Luangwa	803	Itezhi-tezhi
104	Mkushi	504	Lusaka Urban	804	Kalomo
105	Mumbwa			805	Kazungula
106	Serenje	601	Chilubi	806	Livingstone
		602	Chinsali	807	Mazabuka
201	Chililabombwe	603	Isoka	808	Monze
202	Chingola	604	Kaputa	809	Namwala
203	Kalulushi	605	Kasama	810	Siavonga
204	Kitwe	606	Luwingu	811	Sinazongwe
205	Luanshya	607	Mbala		
206	Lufwanyama	608	Mpika	901	Kalabo
207	Masaiti	609	Mporokoso	902	Kaoma
208	Mpongwe	610	Mpulungu	903	Lukulu
209	Mufulira	611	Mungwi	904	Mongu
210	Ndola Urban	612	Nakonde	905	Senanga
				906	Sesheke
301	Chadiza	701	Chavuma	907	Shangombo
302	Chama	702	Kabompo		
303	Chipata	703	Kasempa	991	Angola
304	Katete	704	Mufumbwe	992	Botswana
305	Lundazi	705	Mwinilunga	993	DR Congo
306	Mambwe	706	Solwezi	994	Malawi
307	Nyimba	707	Zambezi	995	Mozambique
308	Petauke			996	Namibia
				997	Zimbabwe
401	Chienge			998	All other countries
402	Kawambwa				
403	Mansa				
404	Milenge				
405	Mwense				
406	Nchelenge				
407	Samfya				

1.4 Kinship ties to chief or village headman

1.4.1. Does this household have any kinship ties (closely related) to the chief or headman in this village/area? <i>1=Yes 2=No - > skip to 1.4.2b & then to 1.4.3b</i>	HH02	
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1.4.2a Is closely related to the chief or village headman?	Current head <i>1=Yes 2=No</i>	HH03A	
	Current spouse <i>1=Yes 2=No 3=No Spouse in HH</i>	HH03B	

1.4.2b What is the tribal group of the <i>(See codes below)</i>	Current head	HH04A	
	Current spouse <i>(enter -9 if HH03B = 3, if HH02=2 go to Q1.4.3b)</i>	HH04B	

Enumerator: Refer to the previous table (Deaths within the household) to verify if there was a death of the former head or spouse. If there was a death of former head or spouse [(PD12=1 (death of head) or PD13=2 (death of spouse)] ask the following questions. If there is no death of a former head or spouse, then go to Q1.4.4.

1.4.3a Was closely related to the chief or village headman?	Deceased former head <i>1=Yes 2=No 3=No deceased head death</i>	HH03C	
	Deceased former spouse <i>1=Yes 2=No 3=No deceased spouse death</i>	HH03D	

1.4.3b What was the tribal group of the <i>(See codes below)</i>	Deceased former head <i>(enter -9, if HH03C = 3)</i>	HH04C	
	Deceased former spouse <i>(enter -9, if HH03D = 3)</i>	HH04D	

1.4.4 Is the household head considered local or non-local? <i>1=Local -> go to section 2 2=Non-local</i>	HH05a	
<i>Enumerator: A Local : household belonging to a clan which originally occupied this area. A Non-local : household not belonging to a clan which originally occupied this area.</i>		

1.4.5 (If HH05a = 2-non local) In which district are you considered local ? <i>(Enumerator: record the name of the district & code) _____</i> <i>(See codes on page above)</i>	HH05b	
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Tribal Group Codes (HH04a, HH04b, HH04c, HH04d) (listed in alphabetical order)										
13=Ambo	53=Chikunda	33=Kaonde (SG)	3=Lala	29=Luchazu	55=Mambwe	40=Mwenyi	49=Nsenga	62=Shona	58=Tambo	5=Ushi
1=Bemba	32=Chokwe	63=Kaonde-Ila	8=Lamba	2=Lunda (Luapula)	47=Mashasha	56=Namwanga	51=Nyanja	39=Simaa	23=Toka-Ieya	57=Wina
4=Bisa	25=Gowa	37=Koma	20=Lenje	27=Lunda (NW)	42=Mashi	30=Ndembu	38=Nyengo	21=Soli	19=Tonga	61=Yombe
17=Bwile	22=Ila	52=Kunda	14=Lima	54=Lungu	31=Mbowe	50=Ngoni	24=Sala	45=Subiya	44=Totela	64=Other
48=Chewa	41=Imilangu	36=Kwandi	43=Lozi	26=Luvale	28=Mbunda	7=Ngumbo	60=Senga	11=Swaka	59=Tumbuka	
6=Chishinga	9=Kabende	35=Kwangwa	18=Luano	34=Luyana (SG)	12=Mukulu	46=Nkoya	15=Shila	10=Tabwa	16=Unga	

SECTION 2: OFF-FARM INCOME AND REMITTANCES (From June 2007 to May 2008)

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** from the beginning of June 2007 to the end of May 2008. 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 the beginning of June 2007 to the end of May 2008. Any members who have **died** should also be listed here if he/she was participating in salaried or informal wage labour activities during the period from beginning of June 2007 to the end of May 2008. Do not include income from business activities, which will be captured in the next SECTION.

Table 2.1a Salaried and informal wage labour activities.

Did any of the household members work for a salary/wage <i>(ask item by item)</i>		<i>1=Yes 2=No -> go to next activity</i>	<i>Ask for the names of the adult household members earning from this activity</i>			
			<i>Name 1</i>	<i>Name 2</i>	<i>Name 3</i>	<i>Name 4</i>
1=On a smallholder farm	SFARM					
2=On a commercial farm	CFARM					
3=In a factory	FACTORY					
4=In a mine	MINE					
5=In other industrial work	INDUSTRY					
6=As a teacher	TEACH					
7=As a civil servant	CSERVANT					
8=As a clerk in private business	CLERK					
9=As a shop attendant	SHOPKEEP					
10=Non agricultural piece work	NONAGRIC					
11=Receive pension	PENSION					
12=In a private company	PRICOM					
13=As a worker for lodges or camps	LODGE					
14=As a worker for photo safari	PSAFARI					
15=As a worker for safari/game hunting	GAME					
16=As a worker for craft/curio production	CURIO					
17=Other (specify) _____	OTHERS					

Intentionally left blank.

Table 2.2a We would like to talk about all household members who participated in **FORMAL OR INFORMAL BUSINESS ACTIVITIES** from the beginning of June 2007 to the end of May 2008. This should include any income generating activity other than the selling of your own farm produce or sale of your own labor for wages. Any members who have **died** should also be listed here if he/she was participating in formal or informal business activities during the period from the beginning of June 2007 to the end of May 2008.

Table 2.2a Business activities

Did any of the household members earn any income from the following formal or informal business activities? (ask item by item)		1=Yes 2=No -> go to next activity	Ask for the names of the adult household members earning from this activity			
			Name 1	Name 2	Name 3	Name 4
1=agricultural trading	ATRADE					
2=livestock trading	LTRADE					
3=retailer/shop owner	ONSHOP					
4=marketeer/hawker/vender	VENDER					
5=firewood/charcoal production and selling	CHARCOL					
6=carpentry	CAPNTER					
7=builder / construction	BUILDER					
8=local brewing and selling	LBREW					
9=butchery (all meats including game, cooked or uncooked)	BCHERY					
10=agricultural services (e.g., ploughing, planting, spraying)	AGSERV					
11=milling	MILL					
12=cooking oil processing and selling	OILP					
13=agro-processing	AGROP					
14=tailoring	TAILOR					
15=bicycle repairing	BREPAIR					
16=weaving (cloth and reed/basketry) and selling	WEAVE					
17=blacksmithing	BSMITH					
18=traditional healing	TDOCTOR					
19=fishing and selling	FISH					
20=precious stone mining (small scale)	SMINE					
21=gathering ants and caterpillars and selling	CATEP					
22=collecting mushroom and selling	MUSHR					
23=collecting wild honey and selling	HONEY					
24=beekeeping and honey selling	BEE					
25=curio business	CURIOB					
26=hair saloon / barbershop business	HAIR					
27=other (specify) _____	OTHERB					

2.3. Cash sent/given to others

We would now like to talk about **CASH SENT/GIVEN** to another person/household or organization.

2.3.1 From the beginning of June 2007 to the end of May 2008, did any household member send/give cash to another person/household or organization?	<i>1=Yes 2=No → go to 2.4</i>	HH06	
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Table 2.3 Cash Sent/Given out to others Key Variables: PROV, DIST, CSA, SEA, HH, CS01 Reference Period: Beginning of June 2007 to end of May 2008

Type of recipient of the cash transfer		Did any household member send/give cash to -----? <i>1=Yes 2=No -> go to next recipient</i>	<i>Enumerator: If CS02=1 (YES) ask for the total amount in cash (ZMK) sent/given by <u>all household members</u> to that particular recipient during the reference period.</i> What is the amount of cash in ZMK sent or given to by all household members between June 2007 and May 2008? (ZMK)
CSS01		CSS02	CSS03
Non-resident child or children (not listed on demographic roster)	1		
Non-resident parent(s) (not listed on demographic roster)	2		
Other non-resident family member (s) (not listed on demographic roster)	3		
Other unrelated household	4		
Church	5		
Local community organization	6		
NGO	7		
Other (specify) _____	8		

2.5.1 Cash received by household from others

We would now like to talk about **CASH RECEIVED FROM OTHER** by any member of this household from another person/household or organization from the beginning of June 2007 to the end of May 2008

2.5.1	From the beginning of June 2007 to the end of May 2008, did any household member receive cash from another household or organization?	<i>1=Yes 2=No → go to 2.5.2</i>	HH08
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Table 2.5.1. Cash received by household *Key Variables: PROV, DIST, CSA, SEA, HH, CR01* **Reference Period: Beginning of June 2007 to the end of May 2008**

Type of person/organization providing the cash		Did any household member receive any cash from _____? <i>1=Yes 2=No -> go to next provider</i>	In what kind of main economic activity was _____ involved, that allowed them to send this cash? <i>1=non-agricultural salaried employment 2=non-agricultural piece work 3=agricultural salaried employment 4=agricultural piece work 5=informal/formal business 6=do not know 7=other, specify_____</i>	Where did this person carry out this economic activity? <i>0=at household 1=within village 2=within district (rural) 3=within district (urban) 4=other district (rural) 5= other district (urban) 6= other country</i>	Enumerator: ask for the total amount in cash (ZMK) received by all household members from this person or organization during the reference period What is the amount of cash in ZMK received from _____ by all the members of the household from the beginning of June 2007 to the end of May 2008? (ZMK)
	CR01	CR02	CR03	CR04	CR05
Non-resident child/children (not listed on demographic	1				
Non-resident parent(s) (not listed on demographic roster)	2				
Other non-resident family member(s) (not listed on demographic roster)	3				
Other unrelated households	4				
Church	5				
Local community organization	6				
NGO	7				
Other (specify) _____	8				

2.5.2 In-kind commodities received by household from others

We would now like to talk about **COMMODITIES received** by any member of this household from another person/household or organization. **Do not include in-kind payments received for service (this is covered in other sections).**

2.5.2 From the beginning of June 2007 to the end of May 2008, did this household receive any commodities from another households (including relatives) , government or NGO (including food aid and food for work) 1=Yes 2=No → go to SECTION 3	HH09	
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Table 2.5.2 Commodities received *Key Variables: PROV, DIST, CSA, SEA, HH, RNUM* *Reference Period: Beginning of June 2007 to the end of May 2008*

What commodity (food & non food) was received ? <i>(See codes below)</i>		What was the source of this commodity? <i>See codes below</i> <i>If non-food item (RNUM >27), skip to R06</i>	<i>Ask for <u>food items</u> only.</i>				<i>Ask for <u>non-food items</u> only (RNUM > 27)</i> What would have been the total value in Kwacha of the non-food item received as gift/donation over the reference period ?
			What quantity of food was received?		If you were to buy this food commodity, how much would it fetch per unit?		
			Quantity	Unit <i>(See codes below)</i>	Price per Unit <i>(ZMK)</i>	Unit <i>(See codes below)</i>	
Commodity	RNUM	R01	R02	R03	R04	R05	R06

Commodities received (RNUM)			
0= none	12=wheat	24=sunflowers	36=poultry
1= maize grain	13=groundnuts	25=sugarcane	37=beddings
2= mealie meal	14=bread	26=milk	38=house wares
3= cassava tubers	15=fish	27=cooking oil	39=bicycle
4= cassava chips / flour	16=millet	28=seed	40=soap
5= sorghum grain or flour	17=salt	29=fertilizer	41=charcoal
6= sweet potato	18=sugar	30=cassava cuttings	42=clock/radio
7= cooking oil	19=cowpeas	31=other planting materials	43=vehicles / parts
8= rice	20=fruit	32=implements	44=fishing nets
9= mixed beans	21=vegetables	33=sweet potato vines	45=other (specify)
10= soyabeans	22=meat	34=clothing/salaula	_____
11= kapenta	23=groceries	35=animals	(treat as non-food item)

Source of gifts (R01)
1=Food aid for free
2=Food aid for work
3=Relatives
4=Non-related individual
5=Church
6=NGO
7=Other (specify) _____

Unit Code (R03, R05)	
1=90kg bag	12=MEDA
2=50kg bag	13=bunches
3=25kg bag	14=MUCHUMBU
4=10kg bag	15=ka B.P.
5=20lt tin	16=crates
6=90kg bag unshelled	17=tonnes
7=50kg bag unshelled	18=boxes
8=25kg bag unshelled	19=number
9=10 kg bag unshelled	20=kilogram
10=20lt tin unshelled	21=liters
11=5lt gallon	22=plastic/plate/dish

SECTION 3: FARM LAND AND USE

3.1. Enumerator: *Tell the respondent that we would like to know about the household farmland and use during the 2006/2007 agricultural season. First ask all questions regarding land-use and then sketch ALL fields or plots that were cultivated (including borrowed out/rented out), rented-in or borrowed-in by the household during the 2006/2007 agricultural season. Include land cultivated, under fallow, virgin, orchard, garden and all other land owned, borrowed, and rented. After sketching sequentially number the fields but put the cassava fields last. Make sure you label (in words) on the sketch the land use of each field (land use categories on left).*

Table 3.1 All household fields

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

Reference Period: 2006/2007 agricultural season

Types of fields	During the 2006/2007 agricultural season did the household have any -----? <i>1=Yes 2=No -> go to next field type</i>			How many of did you have?
	FIELDTP	USEFIELD	NUMFLD	
Cultivated/Cropped fields				
Own cropped fields	1			
Rented in fields (cash/in-kind payments)	2			
Borrowed in fields (household allowed to use field(s) without payment)	3			
Other fields				
Gardens	4			
Fallow fields	5			
Rented out fields (received cash/in-kind payment)	6			
Borrowed-out fields (allowed others to use field(s) without payment)	7			
Orchards	8			
Virgin land/never cultivated	9			
Other (specify) _____	10			

*SKETCH ALL THE FIELDS and list crops within each field North is up.
(Follow instructions in manual.)*



3.2 According to the sketch you indicated that you had _____ fields in the 2006/2007 agricultural season. Please tell us about each of those fields. *Enumerator: – check the sketch and record the number of fields.*

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

Table 3.2 Fields Key Variables: PROV, DIST, CSA, SEA, HH, FIELD Reference Period: 2006/2007 agricultural season

Field ID	What is the land-use of this field? (Enumerator: Transfer land use from the field sketch) 1=cultivated field 2=garden 3=fallow 4=rented-out 5=orchard 6=virgin land 7=rented-in 8=borrowed in 9=borrowed out 10=other (specify) _____	What is the area of this field? (transfer from the sketch)		What is the tenure status of this field? 1=own with title deed 2=own without title deed 3=rented-in 4=borrowed -in 5=other (specify)_____	How did this household acquire this field? 1=purchased 2=inherited 3=allocated / given 4=rented / borrowed 5=just walked in 6=other (specify) _____	From whom did this household obtain this field? (see codes below)	Can this household sell this field if it wanted to? 1=Yes only with approvals* 2=Yes, no need for approvals 3=No	Ask only if F01=3 (fallow)	Ask only if F01=4 (field rented out)		Ask only if F01=7 (field rented in)	
		What was the main reason you did not cultivate these fields? 1= need to rest the soil 2=not enough labour 3=land not productive 4=inadequate seed and fertilizer 5= inadequate implements / draught power 6=other use of labor more important 7=other (specify)_____	If this field was rented out (F01=4) how were you paid /will be paid? 1=cash 2=with part of crop harvest 3=labor of the tenant 4=draught power (animal or mechanical) 5=other(specify)_					How much in TOTAL did your household receive or expect to receive for this rented out field? Enumerator: if paid in kind ask how much they would have received if they were to be paid in cash. (ZMK)	If this field was rented in (F01=7) how did you pay? 1=cash 2=with part of crop harvest 3=paid with own labor 4=cash & crop 5=other in-kind payment	How much in TOTAL did your household pay for this field? Enumerator: if paid in kind ask how much they would have paid if they were to pay cash? (ZMK)		
FIELD	F01	F02	F03	F04	F05	F06	F07	F08	F09	F10	F11	F12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												

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

Field acquired from (F06)				
1=the current headman	4=previous chief	7=husband's/man's parents	10=wife's/woman'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/woman's parents	11=private people	14=chairman
3=the current chief	6=spouse	9=husband's/man's other relatives	12=free access/self given	15=private company
				16=other (specify) _____

Table 3.2 Fields (continued)

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

Reference Period: 2006/2007 agricultural season

Field ID	What is the land-use of this field? (Enumerator: Transfer land use from the field sketch) 1=cultivated field 2=garden 3=fallow 4=rented-out 5=orchard 6=virgin land 7=rented-in 8=borrowed in 9=borrowed out 10=other (specify) _____	What is the area of this field? (transfer from the sketch)		What is the tenure status of this field? 1=own with title deed 2=own without title deed 3=rented-in 4=borrowed -in 5=other (specify)_____	How did this household acquire this field? 1=purchased 2=inherited 3=allocated / given 4=rented / borrowed 5=just walked in 6=other (specify) _____	From whom did this household obtain this field? (see codes below)	Can this household sell this field if it wanted to? 1=Yes only with approvals* 2=Yes, no need for approvals 3=No	Ask only if F01=3 (fallow)	Ask only if F01=4 (field rented out)		Ask only if F01=7 (field rented in)	
		Quantity	Unit					What was the main reason you did not cultivate these fields? 1= need to rest the soil 2=not enough labour 3=land not productive 4=inadequate seed and fertilizer 5= inadequate implements / draught power 6=other use of labor more important 7=other (specify)____	If this field was rented out (F01=4) how were you paid /will be paid? 1=cash 2=with part of crop harvest 3=labor of the tenant 4=draught power (animal or mechanical) 5=other(specify)_	How much in TOTAL did your household receive or expect to receive for this rented out field? Enumerator: if paid in kind ask how much they would have received if they were to be paid in <u>cash</u> . (ZMK)	If this field was rented in (F01=7) how did you pay? 1=cash 2=with part of crop harvest 3=paid with own labor 4=cash & crop 5=other in-kind payment	How much in TOTAL did your household pay for this field? Enumerator: if paid in kind ask how much they would have paid if they were to pay <u>cash</u> ? (ZMK)
FIELD	F01	F02	F03	F04	F05	F06	F07	F08	F09	F10	F11	F12
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												

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

Field acquired from (F06)

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 (specify) _____				

3.3 Land Use *Enumerator: Please summarize the data from the sketch into the following table and ask these questions on each field. Include gardens and cassava fields.*

Table 3.3 Farm Land and Use *Key Variables: PROV, DIST, CSA, SEA, HH, FIELD* *Reference period: 2006/2007 Agricultural Season*

Field ID	All these questions refer to the 2006/2007 Agricultural Season														What main crop or use did you put this field to in the 2005/06 agric season (2 years ago)? <i>See crop/use codes below. Enter "50" if field was new to the hh</i>	What main crop or use did you put this field to in the 2004/05 agric season (3 years ago)? <i>See crop/use codes below. Enter "50" if field was new to the hh</i>
	What main crop or use did you put this field to in 2006/07? <i>See codes below</i> <i>If FL01>22, go to FL15</i>	<i>Transfer from sketch if the field is mixture or monocrop</i> <i>1=Mixture</i> <i>2=Monocrop</i>	What was the main tillage method used? <i>Enumerator: For cassava ask for method when first planted.</i> <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> <i>8 = Mounding</i> <i>9 = Chitemene</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>	<i>Enumerator: do not ask these questions if FL01=23 - Garden</i>		Did you apply ?		How many kgs of lime did you apply? (<i>Enter "0" if they did not apply</i>) <i>kgs</i>	What type and quantity of basal dressing fertilizer did you apply?		What type and quantity of top dressing fertilizer did you apply?			
						How many weeks after planting did you finish the 1 st weeding? (<i>Enter-9 if did not weed, go to FL08</i>)	How many complete weedings did you do in this field?	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>	Amount (kgs)	Type <i>See codes below</i>	Amount (kgs)		
FIELD	FL01	FL02	FL03	FL04	FL05	FL06	FL07	FL08	FL09	FL10	FL11	FL12	FL13	FL14	FL15	FL16
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																

Crop code or Use Codes (FL01; FL15; FL16)				Source of power (FL04)	
1 = Maize	9 = Irish potato	17 = Sweet potatoes	25 = Improved fallow	1 = own animals	
2 = Sorghum	10 = Virginia Tobacco	18 = Cassava	26 = Rented/borrowed out	2 = hired/borrowed animals	
3 = Rice	11 = Burley tobacco	19 = Kenaf	27 = Orchard	3 = own mechanical	
4 = Millet	12 = Mixed beans	20 = Cashew nut	28 = Virgin	4 = hired/borrowed mechanical	
5 = Sunflower	13 = Bambara nuts	21 = Other crop (specify)	29 = Other uses	5 = household labor	
6 = Groundnuts	14 = Cowpeas	22 = Paprika	50 = New field	6 = hired labor	
7 = Soya beans	15 = Velvet beans	23 = Garden			
8 = Seed cotton	16 = Coffee	24 = Natural fallow			

Basal fert (FL11)	Top dressing fert (FL13)
0 = None	0 = None
1 = Compound D	1 = Urea
2 = Compound X	2 = Ammonium Nitrate
3 = Compound S	3 = CAN
4 = Triple Super Phosphate (TSP)	4 = Do not know
5 = Single Super Phosphate(SSP)	
6 = Compound R	
7 = Do not know	

Seed variety codes (CM03)

<p>Maize 68 = Local maize 69 = Hybrid maize - non specific 70 = Recycled hybrid maize 71 = OPV maize</p> <p><u>ZAMSEED</u> 1 = Pool 16 (OP) 19 = GV 61 Yellow 6 = GV 408 3 = GV 412 5 = GV 470 12 = GV 512 13 = GV 607 14 = GV 702 15 = GV 703 18 = GV 704 16 = GV 722 4 = MM 441 7 = MM 501 8 = MM 502 9 = MM 601 10 = MM 603 11 = MM 604 177=MM 606 17 = MM 752 2 = MMV 400 (OP) 178= MMV 600 (OP) 141 = ZMS 402 179= ZMS 510 180= ZMS 528 181= ZMS 602 142 = ZMS 606 143 = ZMS 607 182= ZMS 616 144 = ZMS 737 145 = ZMV 600</p> <p><u>ZARI-MACO</u> 146 = ZM 421 147 = ZM 521 (OP) 148 = ZM 621</p> <p><u>AFGRI Cooperation</u> 183= AFRIC 1 (OP) 184 = AFG 4611 185 = AFG 4663</p>	<p>Maize (cont'd)</p> <p><u>PANNAR</u> 186=PAN 4M - 17 187=PAN 4M - 19 188=PAN 6M - 55 152 = PAN 7M - 97 189=PAN 8M - 91 190=PAN 8M - 95 31 = PAN 14 (Y) 191=PAN 53 192=PAN 57 29 = PAN 61 24 = PAN 64 22 = PAN 67 - African Queen 153 = PAN 69 149 = PAN 77 26 = PAN 87 193=PAN 413 150 = PAN 5503 151 = PAN 6017 23 = PAN 6243 - in a class of its own 20 = PAN 6363 - Chipolopolo 25 = PAN 6479 21 = PAN 6549 - Mr. Reliable 27 = PAN 6573 28 = PAN 6777 30 = PAN 6823 154 = PAN 6966 (Y)</p> <p><u>MRI</u> 194=MRI EP (OP) 195=MRI MP (OP) 196=MRI 404 67 = MRI 455 66 = MRI 514 157 = MRI 534 65 = MRI 594 63 = MRI 611 64 = MRI 614 62 = MRI 624 61 = MRI 634 158 = MRI 644 60 = MRI 651 (Y) 159 = MRI 694 197= MRI 704 161 = MRI 711 (Y) 160 = MRI 714 57 = MRI 724 59 = MRI 734 58 = MRI 744</p>	<p>Maize (cont'd)</p> <p><u>SEED-CO</u> 56 = SC 206 (Y) 47 = SC 401 48 = SC 403 49 = SC 405 50 = SC 407 198=SC 411 42 = SC 501 55 = SC 506 (Y) 44 = SC 513 43 = SC 515 45 = SC 517 46 = SC 521 199=SC 525 40 = SC 601 53 = SC 602 (Y) 54 = SC 604 (Y) 41 = SC 621 39 = SC 625 38 = SC 627 155 = SC 633 200=SC 637 36 = SC 701 51 = SC 704 (Y) 52 = SC 706 (Y) 37 = SC 707 32 = SC 709 35 = SC 711 33 = SC 713 34 = SC 715 201=SC 719</p> <p><u>Progene Seeds</u> 202=PGS 53</p> <p><u>Monsanto</u> 203=DK 8031 204=DK 8051 205=DK 8071 206=DKC 8033 207=DKC 8053 208=DKC 8073</p>	<p>Sorghum 81 = Local sorghum 82 = Hybrid sorghum 83 = Recycle hybrid sorghum 84 = OPV sorghum</p> <p><u>ZAMSEED</u> 75 = KUYUMA 76 = SIMA 77 = ZSV 15 78 = WP 13 162 = MMSH 375 163 = MMSH 413</p> <p><u>SEED-CO</u> 79 = MACIA (OP - white) 80 = NS5511 (Hybrid - brown)</p> <p>Sunflower 90 = Local sunflower 91 = Hybrid sunflower 92 = Recycled hybrid sunflower 93 = OPV sunflower</p> <p><u>ZAMSEED</u> 85 = MILIKA 86 = RECORD</p> <p><u>PANNAR</u> 87 = PAN 7369 88 = PAN 7353 89 = PAN 7351</p> <p>Groundnuts 99 = Local groundnuts 100 = Hybrid groundnuts 101 = Recycled hybrid groundnuts 102 = OPV groundnuts</p> <p><u>ZAMSEED</u> 94 = CHIPEGO 95 = MGV-4 96 = CHALIMBANA 164 = FLAMINGO</p> <p><u>SEED-CO</u> 97 = FLAMINGO 98 = NYANDA</p>	<p>Soyabeans 109 = Local soyabeans 110 = Hybrid soyabeans 111 = Recycled hybrid soyabeans 112 = OPV soyabeans</p> <p><u>ZAMSEED</u> 103 = KELEYA 104 = MAGOYE 165 = HERNON-147</p> <p><u>MRI</u> 166 = DINA 167 = MILA</p> <p><u>SEED-CO</u> 105 = STORM 106 = SOLITAIRE 107 = SOPRANO 108 = SAFARI</p> <p>Cowpeas 115 = Local cowpeas 116 = Hybrid cowpeas 117 = Recycled hybrid cowpeas 118 = OPV cowpeas</p> <p><u>ZAMSEED</u> 113 = LUTEMBWE 114 = BUBEBE</p> <p>Tobacco</p> <p><u>BURLEY</u> 119=Bunckett 120=BO 1 121=BO 2 122=BO 3 123=A 1 124=A 2 125=A3</p> <p><u>VIRGINIA</u> 126=HG 127=T26 128=RK326 129=T29</p>	<p>Cotton 130= F135 131= Chureza 132= Ngwezi 133= CDT 1</p> <p>Other crops not listed 134= Local 135=Improved</p> <p><u>SEED COMPANIES</u> 136= ZAMSEED 137= PANNAR 138= SEED-CO 139= MRI 209= AFGRI Coop 210= MONSANTO 211= PROGENE SEEDS 212= PIONEER 213= KAMANO 214= OTHER COMPANY</p> <p>140 = Do not know</p>
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Seed variety codes (CMX03)

<p>Maize 68 = Local maize 69 = Hybrid maize - non specific 70 = Recycled hybrid maize 71 = OPV maize</p> <p><u>ZAMSEED</u> 1 = Pool 16 (OP) 19 = GV 61 Yellow 6 = GV 408 3 = GV 412 5 = GV 470 12 = GV 512 13 = GV 607 14 = GV 702 15 = GV 703 18 = GV 704 16 = GV 722 4 = MM 441 7 = MM 501 8 = MM 502 9 = MM 601 10 = MM 603 11 = MM 604 177=MM 606 17 = MM 752 2 = MMV 400 (OP) 178= MMV 600 (OP) 141 = ZMS 402 179= ZMS 510 180= ZMS 528 181= ZMS 602 142 = ZMS 606 143 = ZMS 607 182= ZMS 616 144 = ZMS 737 145 = ZMV 600</p> <p><u>ZARI-MACO</u> 146 = ZM 421 147 = ZM 521 (OP) 148 = ZM 621</p> <p><u>AFGRI Cooperation</u> 183= AFRIC 1 (OP) 184 = AFG 4611 185 = AFG 4663</p>	<p>Maize (cont'd)</p> <p><u>PANNAR</u> 186=PAN 4M - 17 187=PAN 4M - 19 188=PAN 6M - 55 152 = PAN 7M - 97 189=PAN 8M - 91 190=PAN 8M - 95 31 = PAN 14 (Y) 191=PAN 53 192=PAN 57 29 = PAN 61 24 = PAN 64 22 = PAN 67 - African Queen 153 = PAN 69 149 = PAN 77 26 = PAN 87 193=PAN 413 150 = PAN 5503 151 = PAN 6017 23 = PAN 6243 - in a class of its own 20 = PAN 6363 - Chipolopolo 25 = PAN 6479 21 = PAN 6549 - Mr. Reliable 27 = PAN 6573 28 = PAN 6777 30 = PAN 6823 154 = PAN 6966 (Y)</p> <p><u>MRI</u> 194=MRI EP (OP) 195=MRI MP (OP) 196=MRI 404 67 = MRI 455 66 = MRI 514 157 = MRI 534 65 = MRI 594 63 = MRI 611 64 = MRI 614 62 = MRI 624 61 = MRI 634 158 = MRI 644 60 = MRI 651 (Y) 159 = MRI 694 197= MRI 704 161 = MRI 711 (Y) 160 = MRI 714 57 = MRI 724 59 = MRI 734 58 = MRI 744</p>	<p>Maize (cont'd)</p> <p><u>SEED-CO</u> 56 = SC 206 (Y) 47 = SC 401 48 = SC 403 49 = SC 405 50 = SC 407 198=SC 411 42 = SC 501 55 = SC 506 (Y) 44 = SC 513 43 = SC 515 45 = SC 517 46 = SC 521 199=SC 525 40 = SC 601 53 = SC 602 (Y) 54 = SC 604 (Y) 41 = SC 621 39 = SC 625 38 = SC 627 155 = SC 633 200=SC 637 36 = SC 701 51 = SC 704 (Y) 52 = SC 706 (Y) 37 = SC 707 32 = SC 709 35 = SC 711 33 = SC 713 34 = SC 715 201=SC 719</p> <p><u>Progene Seeds</u> 202=PGS 53</p> <p><u>Monsanto</u> 203=DK 8031 204=DK 8051 205=DK 8071 206=DKC 8033 207=DKC 8053 208=DKC 8073</p>	<p>Sorghum 81 = Local sorghum 82 = Hybrid sorghum 83 = Recycle hybrid sorghum 84 = OPV sorghum</p> <p><u>ZAMSEED</u> 75 = KUYUMA 76 = SIMA 77 = ZSV 15 78 = WP 13 162 = MMSH 375 163 = MMSH 413</p> <p><u>SEED-CO</u> 79 = MACIA (OP - white) 80 = NS5511 (Hybrid - brown)</p> <p>Sunflower 90 = Local sunflower 91 = Hybrid sunflower 92 = Recycled hybrid sunflower 93 = OPV sunflower</p> <p><u>ZAMSEED</u> 85 = MILIKA 86 = RECORD</p> <p><u>PANNAR</u> 87 = PAN 7369 88 = PAN 7353 89 = PAN 7351</p> <p>Groundnuts 99 = Local groundnuts 100 = Hybrid groundnuts 101 = Recycled hybrid groundnuts 102 = OPV groundnuts</p> <p><u>ZAMSEED</u> 94 = CHIPEGO 95 = MGV-4 96 = CHALIMBANA 164 = FLAMINGO</p> <p><u>SEED-CO</u> 97 = FLAMINGO 98 = NYANDA</p>	<p>Soyabeans 109 = Local soyabeans 110 = Hybrid soyabeans 111 = Recycled hybrid soyabeans 112 = OPV soyabeans</p> <p><u>ZAMSEED</u> 103 = KELEYA 104 = MAGOYE 165 = HERNON-147</p> <p><u>MRI</u> 166 = DINA 167 = MILA</p> <p><u>SEED-CO</u> 105 = STORM 106 = SOLITAIRE 107 = SOPRANO 108 = SAFARI</p> <p>Cowpeas 115 = Local cowpeas 116 = Hybrid cowpeas 117 = Recycled hybrid cowpeas 118 = OPV cowpeas</p> <p><u>ZAMSEED</u> 113 = LUTEMBWE 114 = BUBEBE</p> <p>Tobacco</p> <p><u>BURLEY</u> 119=Bunckett 120=BO 1 121=BO 2 122=BO 3 123=A 1 124=A 2 125=A3</p> <p><u>VIRGINIA</u> 126=HG 127=T26 128=RK326 129=T29</p>	<p>Cotton 130= F135 131= Chureza 132= Ngwezi 133= CDT 1</p> <p>Other crops not listed 134= Local 135=Improved</p> <p><u>SEED COMPANIES</u> 136= ZAMSEED 137= PANNAR 138= SEED-CO 139= MRI 209= AFGRI Coop 210= MONSANTO 211= PROGENE SEEDS 212= PIONEER 213= KAMANO 214= OTHER COMPANY</p> <p>140 = Do not know</p>
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SECTION 4: CROP STOCKS AND SALES FROM OWN PRODUCTION (1st of May 2007 to end of April 2008 Marketing Season)

4.1 Maize sales

4.1.1 Since the 1 st of May 2007, did the HH sell or exchange any Maize from your own production?	I=Yes 2=No--> skip to 4.1.4	HH11
4.1.2 How many different times did you sell or barter maize from the 1 st of May 2007 to end of April 2008)?	(Number of times)	HH12

Enumerator: Tell respondent that we would like to know more information about the household maize sales from maize produced from last year's (2006/2007) harvest. This, therefore, refers to maize that your household would have sold from about the 1st of May 2007 up to end of April 2008.

Table 4.1.3 Households selling maize Key Variables: PROV, DIST, CSA, SEA, HH, MS01 Reference Period: Beginning of May 2007 to end of April 2008

Maize sale transaction number	For transaction ... which year did you sell or barter this maize? 1=2007 2=2008	In what month did you sell/barter this maize? (see codes below)	For this transaction how much maize did you sell/barter?		To whom did you sell/barter this maize? (see codes below)	Where did you sell/barter this maize? (see codes below)	How far is this location from your homestead? km (1 mile=1.6 kilometre) Enter 0 if at homestead	Is this transaction a sales or barter? 1=sales 2=barter If = 2 (barter) go to next transaction	What was the price per unit for the cash transaction?	
			Quantity	Unit (see codes below)					Price (in ZMK)	Unit (see codes below) Try to use same unit as MS05
MS01	MS02	MS03	MS04	MS05	MS06	MS07	MS08	MS09	MS10	MS11
1										
2										
3										
4										
5										
6										
7=rest of sale										

Enumerator: Ask the following question about maize grain in storage

4.1.4. Maize in storage

Reference Period End of April 2008

Crop	Did this HH have any maize from last season's harvest in storage by the end of April 2008? 1= Yes 2 = No-> Go to HH16	How much maize did the HH have in storage by the end of April 2008?		Ask only if the household has no stocks When did the HH run out of maize stocks from own production?	
		Quantity in storage	Unit (See codes below)	Year	Month (See code below)
	HH13	HH14	HH15	HH16	HH17
Maize					

Unit Code (MS05, MS10, HH15)	Month codes (MS03, HH17)	Buyer codes (MS06)	Place of sale (MS07)
1=90kg bag 2=50kg bag 3=25kg bag 4=10kg bag 10=bucket (16-20 kg)	11=5lt gallon 12=MEDA 17=tonnes 20=kilogram	1 = January 2 = February 3 = March 4 = April 5 = May 6 = June 7 = July 8 = August 9 = September 10 = October 11 = November 12 = December	1 = Private trader / Marketeer 2 = Other households 3 = Direct sale to FRA 4 = Sale to FRA through a coop 5 = NGO 6 = Cooperative 7 = Miller 8 = Out grower 9 = Other (specify) _____
			0 = At household 1 = Within village 2 = Within district (rural) 3 = Within district (urban) 4 = Other district (rural) 5 = Other district (urban) 6 = Another country

4.3. Cassava production and marketing

4.3 Enumerator: Look on the sketch on page 24. Did the household have any cassava fields in the 2006/2007 agricultural season? 1=yes, 2=no -> go to Q 4.4. HH18

4.3.1. Please tell us about your cassava production. Ask the following questions for each cassava field.

Table 4.3.1 Cassava Production Key Variables: PROV, DIST, CSA, SEA, HH, FIELD Reference period: Planting is open, harvest period is the beginning of May 2007 to the end of April of 2008

Cassava field number <i>Record field number from the sketch</i>	What main variety of cassava was planted in this field? <i>See codes below</i>	What was the area planted? (record from sketch)		When did you plant most of this field?		Was the cassava in this field mature during this period? 1 = Yes 2 = No -> go to next field	What quantity of raw cassava did you harvest from the beginning of May 2007 to the end of April of 2008? If respondent cannot give a total harvest, follow up with how did you harvest this field? (Enter 0 if not harvested and go to CS08.)				What quantity of raw cassava could you have harvested if you had decided to harvest everything from this field?	
		Quantity	Unit 1 = lima 2 = acre 3 = hectare 4 = sq meters	Year	Month <i>See codes below</i>		Number of containers (most common)	Name of container (write)	What frequency did you harvest? 1=per day 3=per month 2=per week 4=per year -> CS08		What was the most common number of times per month?	Number of months per year?
FIELD	CS01	CS02	CS03	CS04	CS05	CS06	CS07a	CS07b	CS07c	CS07d	CS07e	CS08

Q 4.3.1a How many containers will fit into a 50 kg bag? (# of baskets) HH19

Table 4.3.2 Cassava Sales and stocks from own production. Key Variables: PROV, DIST, CSA, SEA, HH, CROP Reference period: Beginning of May 2007 to the end of April 2008

Cassava	CROP	Since May 2007, did the HH sell or exchange any of this form of cassava? 1=Yes 2=No----> go to CS19	What is the total quantity of this form of cassava that the HH sold for cash and/or barter for goods and/or labor since May 2007?		Ask the following questions for the largest cash/barter transaction								Did this HH have any cassava chips from last season's harvest in storage by the end of April 2008? 1= yes 2 = no-> Go to next cassava form	How much did the HH have in storage by the end of April 2008?	
			Quantity sold/ bartered	Unit <i>See codes below</i>	When did the household sell/barter?		To whom did you sell/ barter this form of cassava? <i>See codes below</i>	Where did you sell/barter this form of cassava? <i>See codes below</i>	How far is this location from your homestead? (in km) (1 mi = 1.6 km)	What was the price per unit for the largest cash transaction? (enter -9 if all the transaction was bartered)		Quantity in storage		Unit <i>See codes below</i>	
					Year	Month <i>See codes below</i>				Price ZMK	Unit <i>See codes below</i>				
			CS09	CS10	CS11	CS12	CS13	CS14	CS15	CS16	CS17	CS18	CS19	CS20	CS21
Raw cassava	18														
Cassava chips	81														
Cassava flour	80														

Unit Codes (CS11, CS18, CS21)			Variety codes (CS01)			Month codes (CS05; CS13)		Buyer code (CS14)		Point of Sale (CS15)	
1=90kg bag	5=20lt tin	15=ka B.P.	1 = Chile	7 = Improved other	1 = January	7 = July	1 = Trader/Marketeer	6 = Cooperative	0 = At household		
2=50kg bag	11=5lt gallon	17=tonnes	2 = Mweru	8 = Local	2 = February	8 = August	2 = Other households	7 = Miller	1 = Within village		
3=25kg bag	12=meda	20=kilogram	3 = Kapumba	9 = Do not know	3 = March	9 = September	3 = Direct sale to FRA	8 = Out grower	2 = Within district (rural)		
4=10kg bag	14=muchumbu		4 = Nalumino	10 = Other (specify)	4 = April	10 = October	4 = Sale to FRA through a coop	9 = Other (specify)	3 = Within district (urban)		
			5 = Manyopola		5 = May	11 = November	5 = NGO		4 = Other district (rural)		
			6 = Bangweulu		6 = June	12 = December			5 = Other district (urban)		
									6 = Another country		

4.3.3	Did the household ever run out of mature cassava in the field ?	<i>1 = Yes 2 = No----> Go to Q 4.3.5</i>	HH20	
4.3.4	Which month did the household run out of mature cassava in the field ?	<i>See codes below</i>	HH21	

Month codes (HH21)	
1 = January	7 = July
2 = February	8 = August
3 = March	9 = September
4 = April	10 = October
5 = May	11 = November
6 = June	12 = December

4.3.5 Seasonality of raw cassava harvesting

We would now like to talk with you in more detail about when you harvested your raw cassava; please think about your harvests from ALL cassava fields since the beginning of May 2007

Table 4.3.5a Seasonality of raw cassava harvesting

Please indicate for each month if you harvested a minor amount or a heavy amount. Enter 0 if there was no harvest for the month. <i>0=no harvest 1=minor harvest month 2=heavy harvest month</i>											
May 2007	June 2007	July 2007	Aug 2007	Sep 2007	Oct 2007	Nov 2007	Dec 2007	Jan 2008	Feb 2008	Mar 2008	Apr 2008
CSS0507	CSS0607	CSS0707	CSS0807	CSS0907	CSS1007	CSS1107	CSS1207	CSS0108	CSS0208	CSS0308	CSS0408

Table 4.3.5b Size of cassava harvest

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

Cassava harvest season	What quantity of raw cassava did you harvest in a typical _____ harvest month?		How often did you harvest this quantity during the _____ harvest month ? <i>1=daily 2=weekly 3=monthly</i>
	Number of containers <i>(use the same container unit as specified in CS07b, previous page)</i>	Number of times per month	
CSEASON	CSX01	CSX02	CSX03
Heavy harvest month	1		
Minor harvest month	2		

SECTION 5: FOOD PURCHASES AND PROCESSING (Beginning of May 2007 to end of April 2008)

5.1. Please tell us the food that you purchased or bartered into your possession for your home consumption from the beginning of May 2007 to the end of April 2008. *Enumerator: Do not include in this table household food procured as in-kind payment for labor and other services.*

Table 5.1 Food Purchases Key Variables: PROV, DIST, CSA, SEA, HH, PURCH Reference Period: Beginning of May 2007 to end of April 2008

Product purchased/ bartered in <i>Enumerator: Ask specifically about each product</i>		From the beginning of May 2007 to the end of April 2008 did this household purchase/ barter this product for home consumption? <i>1=Yes 2=No --> go to next prod</i>	May 2007 – December 2007				January 2008 - April 2008			
			What was the total quantity purchased/bartered between 1 st May- 31 st Dec 2007			What type of supplier sold /bartered this product to/with you? <i>See codes below</i>	What was the total quantity purchased/bartered between 1 st Jan- 30 th April 2008			What type of supplier sold /bartered this product to/with you? <i>See codes below</i>
			Quantity	Unit <i>See codes below</i>	What was the average price per unit? <i>ZMK</i>		Quantity	Unit <i>See codes below</i>	What was the average price per unit? <i>ZMK</i>	
PURCH		P01	P02	P03	P04	P05	P06	P07	P08	P09
maize grain	1									
packaged roller meal	2									
repackaged roller meal	3									
packaged breakfast meal	4									
repackaged breakfast meal	5									
maize meal from grinding mill	6									
millet	7									
sorghum	8									
rice	9									
sweet potatoes	10									
raw cassava	11									
cassava chips	12									
cassava flour	13									
wheat flour	14									
wheat bread	15									
buns/fritters	16									
Irish potatoes	17									

Unit Codes (P03, P07)			
1=90kg bag	6=90kg bag unshelled	12=MEDA	18=boxes
2=50kg bag	7=50kg bag unshelled	13=bunches	19=number
3=25kg bag	8=25kg bag unshelled	14=MUCHUMBU	20=kilogram
4=10kg bag	9=10 kg bag unshelled	15=ka B.P.	21=loaves
5=20lt tin	10=20lt tin unshelled	16=crates	22=Pamela/plastic
	11=5lt gallon	17=tonnes	

Type of supplier code (P05, P09)	
1=Retail shop/trader/marketeer	7=Commercial farm
2=Other household	8=Employer
3=Government agency/FRA	9=Bakery
4=NGO, e.g., church	10=Supermarket
5=Cooperative	11 =Miller
6=Outgrower	12=Other (specify) _____

5.2 Maize Grain Processing

5.2.1	Did you take any maize grain (from harvest, purchases, gifts) to the grinding mill or processed maize for own use at any time from the beginning of May 2007 to the end of April 2008?	<i>1 = Yes 2 = No</i> —> <i>Go to Q5.3</i>	HH23	
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Please tell us which of the following **products** you **obtained** from processing the **maize grain**.

Table 5.2 Maize Grain Processing *Key variables: PROV, DIST, CSA, SEA, HH, PROD* *Reference Period: Beginning of May 2007 to end of April 2008*

Products obtained from processing maize grain	Product code	From your maize grain (harvested, purchased or received) did you get from the beginning of May 2007 to the end of April 2008? <i>1 = Yes</i> <i>2 = No → go to next prod</i>	Which processing method did you use most frequently? <i>(ask only if PR01 = 1=yes)</i> <i>1 = Hammer mill</i> <i>2 = Home preparation, then hammer milled</i> <i>3 = Own hammer mill</i> <i>4 = Processing by other's hand mill</i> <i>5 = Home processing by pounding -> go to next prod</i> <i>6 = Home processing by hand mill -> go to next prod</i>	<i>Enumerator: If PR02=1 or 2 or 3 or 4 ask</i>				
				The last time the household milled maize , did the household pay cash or in-kind or both? <i>1=Cash</i> <i>2=Maize grain</i> <i>3=Both cash and maize grain</i> <i>4=Did not pay, or paid in other in-kind -> go to next prod</i>	If paid in cash (PR03=1 or 3), how much did you pay in Kwacha per unit?		If paid in maize grain (PR03=2 or 3), how much grain did you used to pay for a bucket?	
				Kwacha (ZMK)	Unit	Quantity	Unit	
	PROD	PR01	PR02	PR03	PR04	PR05	PR06	PR07
Straight Run (Mugaiwa)	1							
Refined Meal (wetting, dehulling, without soaking and milled/pounded)	2							
Super Refined Meal (wetting, dehulling, soaking and milled/pounded)	3							
Samp (maize grits)	4							
Meal rice made from maize	5							

5.3	How many hammer mills are there within 10 km of this homestead that the household can choose from? <i>Record the number.</i> <i>If none, enter 0 and go to SECTION 6.</i>	HH24	
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5.4 Enumerator: For the hammer mill that the household uses most frequently, ask the questions in the table 5.4.1.

Table 5.4.1 Hammer mill frequently used by household *Reference Period: Beginning of May 2007 to end of April 2008*

What is the name of Hammer Mill business used most frequently by the household?	During this period of, on average, how many times did your household use this hammer mill per month ?		How many kilometers is this hammer mill from this homestead? <i>km</i>
	Between beginning of May 2007 to end of December 2007	Between beginning of January 2008 to end of April 2008	
HH25_NAME	HH26	HH27	HH28

6.4a Enumerator: Ask only if household acquired FSP fertilizer in 2007/08 from FERTCH = 1: Of the FSP fertilizer you acquired in 2007/08 agricultural season did you sell any to others?	<i>1=Yes 2=No → skip to Q6.7</i>	HH30a	
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6.4b If yes, what was the quantity sold in kilograms?	(kgs)	HH30b	
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6.5 Who did you sell the fertilizer to? <i>1=small scale farmers 2=large scale farmers 3=input traders 4=other (specify): _____</i>		HH31	
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6.6 (Ask if household did not acquire FSP fertilizer (FERTCH=1 & FR07=2) for 07/08 agricultural season or hh29a = 2) Why has this household not received FSP fertilizer in the 2007/2008 agricultural season? <i>1=not eligible 2=not member of cooperative 3=don't want to use FSP 4=don't know 5=could not afford FSP down payment 6=FSP fertilizer not available 7=other (specify) _____</i>		HH32	
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6.7 (Ask if household did not acquire commercial fertilizer from any source(FERTCH=3, 4, 5, and 6) for 07/08 agricultural season and hh29a = 2) What is the most important reason why the household did not purchase fertilizer from private trader in 2007/08? <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) _____</i>		HH33	
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Enumerator: Ask the following questions only for the seasons in which the household purchased fertilizer in 50 kg bags by “commercial cash terms” Table 6.3 where FERTCH = 3, 4, 5 or 6.

6.8 COMMERCIAL MARKET PRICE OF FERTILIZER in 2006/2007 agricultural season and 2007/2008 agricultural season

		2007/08	→	2006/07
6.8.1 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? (Kwacha)	HH34b		HH34a	
6.8.2 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? (Kwacha)	HH35b		HH35a	
6.8.3 When you made your biggest commercial purchase , how much did you spend on transport from purchase point to your homestead per 50 kg bag ? If you used your own transport, how much would you have charged someone to transport the purchase? (Kwacha)	HH36b		HH36a	

SECTION 7: AGRICULTURAL LOANS. Include crops, livestock, poultry and fish ponds. Exclude Fertilizer

<p>7.1 Did the household borrow money or obtain a loan (cash or in-kind) from an individual or company to support agricultural production (including livestock) during the 2006/2007 season? (exclude fertilizer) <i>1 = Yes 2 = No---->Go to SECTION 8.</i></p>	HH37	
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<p>7.2 What was the source of the largest loan?</p> <p><i>1=Government 4=Tobacco company 7=Informal money lender 10=Other (specify) _____</i></p> <p><i>2=Commercial bank 5=Other crop company 8=Friend/relative</i></p> <p><i>3=Cotton company 6=Local private trader 9=Micro credit institutions</i></p>	HH38	
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<p>7.3 Which main crop/livestock/poultry production was the loan in support of (including poultry/fish farming/beekeeping)?</p> <p style="text-align: center;"><i>See crop/livestock/production codes below</i></p> <p>Codes</p> <table style="width: 100%; border: none;"> <tr> <td><i>1 = Maize</i></td> <td><i>8 = Seed cotton</i></td> <td><i>15 = Velvet beans</i></td> <td><i>22 = poultry</i></td> </tr> <tr> <td><i>2 = Sorghum</i></td> <td><i>9 = Irish potato</i></td> <td><i>16 = Coffee</i></td> <td><i>23 = milk/dairy production</i></td> </tr> <tr> <td><i>3 = Rice</i></td> <td><i>10 = Virginia tobacco</i></td> <td><i>17 = Sweet potatoes</i></td> <td><i>24 = cattle</i></td> </tr> <tr> <td><i>4 = Millet</i></td> <td><i>11 = Burley tobacco</i></td> <td><i>18 = Cassava</i></td> <td><i>25 = goats/sheep/pigs</i></td> </tr> <tr> <td><i>5 = Sunflower</i></td> <td><i>12 = Mixed beans</i></td> <td><i>19 = Kenaf</i></td> <td><i>26 = beekeeping</i></td> </tr> <tr> <td><i>6 = Groundnuts</i></td> <td><i>13 = Bambara nuts</i></td> <td><i>20 = Cashew nut</i></td> <td><i>27 = fish farming</i></td> </tr> <tr> <td><i>7 = Soybeans</i></td> <td><i>14 = Cowpeas</i></td> <td><i>21 = Paprika</i></td> <td><i>28 = Other (specify) _____</i></td> </tr> </table>	<i>1 = Maize</i>	<i>8 = Seed cotton</i>	<i>15 = Velvet beans</i>	<i>22 = poultry</i>	<i>2 = Sorghum</i>	<i>9 = Irish potato</i>	<i>16 = Coffee</i>	<i>23 = milk/dairy production</i>	<i>3 = Rice</i>	<i>10 = Virginia tobacco</i>	<i>17 = Sweet potatoes</i>	<i>24 = cattle</i>	<i>4 = Millet</i>	<i>11 = Burley tobacco</i>	<i>18 = Cassava</i>	<i>25 = goats/sheep/pigs</i>	<i>5 = Sunflower</i>	<i>12 = Mixed beans</i>	<i>19 = Kenaf</i>	<i>26 = beekeeping</i>	<i>6 = Groundnuts</i>	<i>13 = Bambara nuts</i>	<i>20 = Cashew nut</i>	<i>27 = fish farming</i>	<i>7 = Soybeans</i>	<i>14 = Cowpeas</i>	<i>21 = Paprika</i>	<i>28 = Other (specify) _____</i>	HH39	
<i>1 = Maize</i>	<i>8 = Seed cotton</i>	<i>15 = Velvet beans</i>	<i>22 = poultry</i>																											
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<p>7.4 What was the Kwacha value of the loan? <i>Kwacha</i></p>	HH40	
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<p>7.5 What method did you use to repay the credit for the largest loan?</p> <p style="text-align: center;"><i>1 = paid cash 2=deducted from livestock/crop sale 3 = paid in-kind 4 = not yet repaid</i></p>	HH41	
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SECTION 8: QUESTIONS ABOUT AGRICULTURAL INFORMATION, DISTANCES TO AND COST OF AGRICULTURAL SERVICES

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

Table 8.1 Service Provision *Key Variables: PROV, DIST, CSA, SEA, HH, SRCODE* *Reference Period: OPEN*

Service provision	Advice code	Have you ever...? 1 = Yes 2 = No---> go to next service	Who was the most important supplier or organizer of this service? (See code below)	How did the hh receive this advice? 1=Informal conversation 2=Radio program 3=Pamphlet/newspaper 4=Workshop 5=Field Day 6 =Demonstration plot 7=Visit 8=Meeting 9=Training program 10 =Other (specify)_____	Did you use this advice in 2007/2008 season? 1=Yes 2=No	Did you use this advice in 2006/2007 season? 1=Yes 2=No
	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 using planting basins ?	3					
Received any advice on practicing minimum tillage using ripping ?	4					
Received any advice to leave crop residues in the field ?	5					
Received any advice on nitrogen-fixing crop rotation ?	6					
Received any advice on the optimal planting date for maize ?	7					

Provider of Information (SR02)			
<u>MACO</u>	<u>PRIVATE FIRMS</u>	<u>NGO'S</u>	
1=MACO Extension	6=Lonhro/Dunavant	14=CLUSA Group	21=HODI
2=Rural Investment Fund(RIF)	7=Clark Cotton	15=ZNFU	22=ICAZ (Institute of Cultural Affairs of Zambia)
3=SCAFE	8=Amaka	16=CARE	23=Other NGO's
4=Other MACO Agents	9=Other Outgrowers	17=World Vision	24=Locally organized group
5=FRA cooperative	10=Private Dealers/ Transporters/Traders	18=Economic Expansion in Outlying Areas	25=Fellow farmers
	11=Cargill Cotton	19=Agricultural Support Program (ASP)	26=Other (specify): _____
	12=Alliance One	20=Church based Group	
	13=Commercial banks		

8.2 Please tell us the **sources** of the household's information on **agricultural commodity prices**.

8.2.1a Do you get access to information about maize prices ?	<i>1 = Yes 2 = No</i>	HH42A	
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8.2.1b Do you get access to information about other agricultural commodity prices ?	<i>1 = Yes 2 = No</i>	HH42B	
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<p>8.2.2 (Ask only if 8.2.1a = yes or 8.2.1b = yes) What is the household's main source of agricultural commodity price information?</p> <p>1 = Extension Agent 7 = ZNFU SMS 14 = Headman 2 = Farmer/neighbor 8 = NGO 15 = Television 3 = Radio Program 9 = Other ZNFU sources (Billboards, newsletter persons) 16 = Market place 4 = Pamphlet/Newspaper 11 = Trader / Marketeer 17 = Farmer group - cooperative 5 = Workshop 12 = Outgrowers 18 = Other (specify) _____ 6 = Field Day 13 = Shops</p>	HH43	
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8.2.3 Does the household head/spouse belong to any local Radio listening/Farm Forum Group ?	<i>1 = Yes 2 = No</i>	HH44	
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8.2.4 Does this household own a functioning Radio ?	<i>1 = Yes 2 = No -> go to Q8.2.7</i>	HH45	
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8.2.5 What time of the day does the household head listen to the radio mostly?	<i>1 = Morning 2 = Afternoon 3 = Evening 4 = Night 5 = Never-> Go to Q8.2.7</i>	HH46	
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8.2.6 Which radio station does the household head listen to most frequently for information about agricultural information?	<i>1 = ZNBC 2 = Community Radio 3 = Private radio 4 = Other (specify) _____</i>	HH47	
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8.2.7 Does any member of the household own a cell phone ?	<i>1 = Yes -> go to 8.2.9 2 = No</i>	HH48	
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8.2.8 Can you get access to use a cell phone ?	<i>1 = Yes 2 = No</i>	HH49	
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8.2.9 How many kilometers is your homestead from the point where household members can get vehicular transport ?	<i>(1 mi = 1.6 km) km</i>	HH50	
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8.2.10 How many kilometers is it from this homestead to the nearest fertilizer retailer ?	<i>(1 mi = 1.6 km) km</i>	HH51	
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8.2.11 How many kilometers is it from this homestead to the nearest FRA buying point or depot ?	<i>(1 mi = 1.6 km) km</i>	HH52	
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8.2.12 If you were to hire someone to weed 1 lima of maize , how much would you have to pay in ZMK?	HH53	
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SECTION 9. HOUSEHOLD ASSETS / IMPLEMENTS

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

Table 9.1 Assets *Key Variables: PROV, DIST, CSA, SEA, HH, ASSET*

Reference period: Since June 2007 and NOW

Type of Assets	Asset code	Did you own since 1 st June 2007? <i>1 = Yes 2 = No--> go to next asset</i>	How manydid you have in working condition as at 1 st June 2007? <i>(Enter "0" if none)</i>	How many do you have in working condition NOW ? <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 ? <i>(Enter the total value in Kwacha)</i>
	ASSET	AST01	AST02	AST03	AST04
Ox-drawn plough	1				
Disc plough	2				
Harrows	3				
Cultivators	4				
Rippers	5				
Tractors	6				
Hand driven tractor	7				
Scotch carts	8				
Water pumps	9				
Trucks/Lorries	10				
Pick-ups/ Vans/Cars	11				
Trailer truck/tractor	12				
Motorcycle	13				
Bicycles	14				
Hammer mills	15				
Hand Hammer Mills	16				
Rump presses/ Oil expellers	17				
Sprayers	18				
Shellers	19				
Electric cooker (stove)	20				
Gas cooker (stove)	21				
Electric hot plate	22				
Television	23				
Refrigerator and/or freezer	24				
Standard well	25				

SECTION 10. LIVESTOCK, POULTRY AND FISH FARMING

10.1 Please tell us the livestock, poultry and stocked fish ponds that this household owned from the beginning of **May 2007 to the end April 2008**.

Enumerator: Ask specifically about each livestock

Table 10.1 Livestock , poultry and stocked fish ponds *Key Variables: PROV, DIST, CSA, SEA, HH, LSTOCK Reference period: Beginning of May 2007 to end of April 2008*

Livestock code		Did your HH <u>raise / own</u> any from the beginning of May 2007 to the end of April 2008? <i>1=Yes 2=No →go to next livestock</i>	<i>Enumerator: Ask only if the livestock/ poultry / stocked fish ponds <u>were owned</u> by the household.</i>					
			How many were <u>owned</u> by the household as of 1st May 2007 ? <i>(Enter "0" if none)</i>	How many were <u>owned</u> by the household as of 30th April 2008 <i>(Enter "0" if none)</i>	From the beginning of May 2007 to the end of April 2008, how many of those you <u>owned</u> died due to illness ? <i>(Enter "0" if none died)</i>	From the beginning of May 2007 to the end of April 2008 how many of those that were <u>owned</u> 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? <i>(Enter the number)</i>
	LSTOCK	LS00	LS01	LS02	LS03	LS04	LS05	LS06
Total 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							
Fish ponds stocked	17							

SECTION 11: INHERITANCE, AND EXTENDED FAMILY

11.1a	How many total brothers living (from the nuclear family) does the male household head / male spouse have? <i>(enter -99 if no current male household head/spouse)</i>	HH57a	
11.1b	How many total brothers deceased (from the nuclear family) does the male household head / male spouse have? <i>(enter -99 if no current male household head/spouse)</i>	HH57b	

11.2a	How many total brothers living (from the nuclear family) does the female household head / female spouse have? <i>(enter -99 if no current female household head/spouse)</i>	HH58a	
11.2b	How many total brothers deceased (from the nuclear family) does the female household head / female spouse have? <i>(enter -99 if no current female household head/spouse)</i>	HH58b	

<i>Enumerator: Ask this question if the household had a death of male head of household in the last 4 years (Table 1.3, page 11 PD12=1)</i>		HH59	
11.3	How many brothers did the deceased male household head have? <i>(enter -99 if no deceased male household head)</i>		

<i>Enumerator: Ask this question if the household had a death of female head of household in the last 4 years (Table 1.3, page 11 PD12=1)</i>		HH60	
11.4	How many brothers did the deceased female head have? <i>(enter -99 if no deceased female household head)</i>		

11.5	In which year did this household settle here?	HH61	

11.8	At the time of the marriage of the head, which spouse was required to move to join the other family? <i>1= wife came to live in the man's family- virilocal</i> <i>2= husband came to live in the woman's family- uxorilocal</i>	HH64	
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11.9	Is this a matrilineal or patrilineal household? <i>Enumerator: Matrilineal, descent is established by tracing descent exclusively through females from a founding female ancestor.</i> <i>Patrilineal, descent is established by tracing descent exclusively through males from a founding male ancestor.</i>	<i>1= Matrilineal 2= Patrilineal</i>	HH65	
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11.10	Did this household have to pay out a marriage dowry / lobola in the past 4 years?	<i>1=Yes 2=No</i>	HH66a	
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11.1	Did this household receive a marriage dowry / lobola from another household in the past 4 years?	<i>1=Yes 2=No</i>	HH66b	
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11.2. We would like to ask some questions about the unallocated arable land.

11.2.1	In your perception, do village authorities still have unallocated arable land?	<i>1=Yes 2=No - Go to SECTION 12</i>	HH67	
11.2.2	If you wanted more land , could some of this unallocated land be allocated to this household for cropping purposes?	<i>1=Yes 2=No</i>	HH68	

SECTION 12: HIV/AIDS AWARENESS

Enumerator: Please read the following message to the respondent.

Would you like me to leave information on HIV/AIDS for your reading?

It explains how HIV/AIDS is transmitted, how it affects the community, and how it can be avoided.

If you have any questions, please do not hesitate to ask your health care provider.

Thank you very much for participating in this interview. We appreciate your time and effort.