

LAND AFAR IMPACT EVALUATION

HOUSEHOLD SURVEY

	start	Start time	(hour; minute)
	end	End time	(hour; minute)

SECTION A. RESPONDENT IDENTIFICATION AND CONSENT

A.1	date	Date of Survey:	(numeric)
A.2	team	Name of Team Leader	1= Birhanu Tsegaye 2= Assefa Negra
A.3	supervisor1	Name of Supervisor:	1= Mandefrot Desta 2= Biruk Amare 3= Efrem Armide 4= Endalakachew Anbessa 5= Rebi Alewi 6= Kidus Sahile 7= Dawit Abadi 8= Mathewos Messele 97= Other
A.3b	supervisor2	Other supervisor:	(text)
A.4	enumerator1	Name of Enumerator: ID 1-54	(integer)
A.4b	enumerator2	Other enumerator:	(text)
A.5		What language is the survey being conducted in?	1=Afar 2=Afar Oromo 3=Amharic 4=Somali 5=Tigrigna 6=Argoba 97=Other 888=Don't Know 999=Refused to Answer
A.6a		Is there a translator present for the interview?	0=No 1=Yes 888=Don't know 999=Preferred not to answer
A.6b		What is the translator's name?	(text)
A.7		Does the translator know the respondent?	0=No 1=Yes 888=Don't know 999=Preferred not to answer

A.8	woreda	WOREDA	1=Amibara 2=Gewane 3=Delucha 4=Chifra 5=Telalak 6=Dewe
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A.9	kebele	KEBELE	1=Worer 2=Badham 3=Sidi Hafgea 4=Awash Arebea 5=Ae'ebilea 6=Halysomalea 7=Bedelea'lea 8=Serkamo 9=Bebonta 10=Gideyara 11=Hasobo 12=Kelat Buri 13=Ange'lelea 14=Hali'debiaa 15=Gelsa 16=Kurkura 17=Gewani 18=Meteka 19=Bedia Foaa/Amasa Buri 20=Geliala Dora 21=Eurafeta 22=Bediaa 23=Adibaro 24=Gebeya Bora 25=Keda Bediaa 26=Eiglea 27=Yealo Liheda 28=Afamana Tiber 29=Teaboyna Hasiletili 30=Askomaana Akibura 31=Mesgid 32=Tegrina Awageara 33=Gerana Kontola 34=Barinona Wekelo 35=Meglelana Tekebelea 36=Anderkelona Kelayitu 37=Wanabana Roblea 38=Weamana Anderkelo 39=Amolena Ronta 40=Semsemina Kusralea 41=Merolea Asreged 42=Dergeara
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			43=Gearaeilea 44=Halsayana Adaar Nemaleafena Awareane Nemaleafena Gewisena Hamedidase Waydeloleana Yealo Adeleana Asebolea Tellalak'na Abaro Kulilina Deta Kelayitu Geysuna Dewe Habertuna Rasa Feron Megnta Helbeana Adedalileane Dulecha Town Tirtira Asebe Hari Gerbo Hafe Dire Burtali Bolhamo Kefas Idoli Hugub Seganto Drufili Wedarage Town Gendawarina Eyeledi Adalil Kilentina Derseda Wahlona Gidale Yemudina keboakoma Halbina Senkokor Gedansana Fereskori Kahrtuna Tutli Daweborena kobet Kilelona Gamora Other
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			45=Chifra Zuria 46=Nemaleafena 47=Awareane Nemaleafena 48=Gewisena Hamedidase 49=Waydeloleana Yealo 50=Adeleana Asebolea 51=Tellalak'na Abaro 52=Kulilina Deta Kelayitu 53=Geysuna Dewe 54=Habertuna Rasa 55=Ferona Megnta 56=Helbeana 57=Adedalileane 58=Dulecha Town 59=Tirtira 60=Asebe Hari 61=Gerbo Hafe 62=Dire 63=Burtali 64=Bolhamo 65=Kefas Idoli 66=Hugub 67=Seganto 68=Drufili 69=Wedarage Town 70=Gendawarina Eyeledi 71=Adalil 72=Kilentina Derseda 73=Wahlona Gidale 74=Yemudina keboakoma 75=Halbina Senkokor 76=Gedansana Fereskori 77=Kahrtuna Tutli 78=Daweborena kobet 79=Kilelona Gamora -97=Other
	kebeleo	Other kebele	(text)
A.10	ganta	GANTA	(text)
A.10b		Alternative names/spellings for the ganta	(tex)
A.11	gantaid1	GANTA ID	(code)
A.11b	gantaid2	Confirm GANTA ID	(code)
A.12	hhid1	Household ID	(code)
A.12b	hhid2	Please retype the Household ID	(code)

INFORMED CONSENT

PLEASE READ THE PAPER CONSENT FORM CAREFULLY AND WORD FOR WORD

A.13	consentyn	Did the respondent consent? <i>If Yes, skip to Section B</i>	0=No 1=Yes	(code)
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SECTION B. RESPONDENT INFORMATION

First I want to ask you about yourself.

B.1	ri_respond	Who is the respondent?	1=Head of household 2=Spouse of the head of household 3=Other household member	(code)
B.2	ri_respname	Name of respondent	(text)	
B.3	ri_relhead	Respondent relationship to Household Head	1=Son/Daughter 2=Spouse of son/daughter 3=Grandchild 4=Brother/sister 5=Brother/sister in-law 6=Spouse of brother/sister 7=Parent 8=Spouse's parent 9=Uncle/aunt 10=Cousin 11=Nephew/niece 12=Stepchild 13=Other relative 14=Not related 888=Don't Know 999=Refused to Answer	(code)
B.4	ri_headname	Name of household head	(text)	
B.5	ri_headnameo	Nickname/ other name of household head	(text)	
B.6	ri_respeth	Ethnic group of respondent	1=Afar 2=Amhara 3= Oromo 4=Tigre 5=Somali 6=Argoba 7=Gurage 8=Hadya 9=Rukba 10=South 11=Tekeil 12=Wolayta 13=Alihamado 14=Kembata -997 = NA 97=Other, specify 888=Don't Know 999=Refused to Answer	(code)
B.6o	ri_respetho	Other, specify	(text)	

B.7	ri_headeth	Ethnic group of household head	1=Afar 2=Amhara 3= Oromo 4=Tigre 5= Somali 6=Argoba 7=Gurage 8=Hadya 9=Rukba 10=South 11=Tekeil 12=Wolayta 13=Alihamado 14=Kembata -997 = NA 97=Other, specify 888=Don't Know 999=Refused to Answer	(code)
B.7o	ri_headetho	Other, specify	(text)	
B.8	ri_respclan	Clan membership of the respondent	1=Aba Kareita/Asa Bakari 2=Abu Samara 3=Aghinni 4=Ahapto 5=Arapta 6=Dahimeela 7=Debne 8=Dodha 9=Haishantu 10=Mogoro 11=Terrimara 12=Weima 97=Other -997=None 888=Don't know 999=Refused to answer	(code)
B.8b	ri_respclo	Other, specify	(text)	
B.9	ri_headclan	Clan membership of household head	1=Aba Kareita/Asa Bakari 2=Abu Samara 3=Aghinni 4=Ahapto 5=Arapta 6=Dahimeela 7=Debne 8=Dodha 9=Haishantu 10=Mogoro 11=Terrimara 12=Weima 97=Other -997=None 888=Don't know 999=Refused to answer	(code)
B.9b	ri_headclano	Other, specify	(text)	

B.10	ri_respsubclan	Subclan membership of the respondent	1=Aba Kareita/Asa Bakari 2=Ablek 3=Abu Samara 4=Ad'ali 5=Adali Hasanto 6=Aghini 7=Arapta 8=Beguleit 9=Dahimeela 10=Datelayito 11=Dodah 12=Fedihite 13=Hadermo 14=Haishentu 15=Haisomale 16=Harkamela 17=Hassoba 18=Herto	19=Hibat Sarele 20=Kuik Henkeba/Kiuk Honkeaba 21=Mahissera 22=Mogoro 23=Rakbak Dermela 24=Sheka 25=Sidihibura/Airor osso 26=Terrimara 27=Yambered 97=Other -997=None 888=Don't know 999=Refused to answer	(code)
B.11	ri_headsubclan	Subclan membership of the respondent	1=Aba Kareita/Asa Bakari 2=Ablek 3=Abu Samara 4=Ad'ali 5=Adali Hasanto 6=Aghini 7=Arapta 8=Beguleit 9=Dahimeela 10=Datelayito 11=Dodah 12=Fedihite 13=Hadermo 14=Haishentu 15=Haisomale 16=Harkamela 17=Hassoba 18=Herto	19=Hibat Sarele 20=Kuik Henkeba/Kiuk Honkeaba 21=Mahissera 22=Mogoro 23=Rakbak Dermela 24=Sheka 25=Sidihibura/Airor osso 26=Terrimara 27=Yambered 97=Other -997=None 888=Don't know 999=Refused to answer	(code)
B.11b	ri_headsubclano	Other, specify	(text)		
B.12a	ri_headnum1	Enter the mobile number of the respondent <i>If no mobile number, enter -997.</i>	(integer)		
B.12b	ri_headnum2	Enter the mobile number of the respondent <i>If no mobile number, enter -997.</i>	(integer)		
B.12c	ri_headnum3	Enter the mobile number of the respondent <i>If no mobile number, enter -997.</i>			

SECTION C. HOUSEHOLD INFORMATION

Now I'd like to ask some questions about your household. When I say household, I am referring to 'a group of people who live in the same homestead (which may consist of more than a single dwelling) and share food and other items bought from a common household budget.' This includes people who are temporarily away, like for school or herding, for less than 8 months of the year.

C.1	hi_language	What is the main language spoken in this household?	1=Afar 2=Afar Oromo 3=Amharic 4=Somali 5=Tigrigna 6=Argoba 97=Other 888=Don't Know 999=Refused to Answer	(code)
C.1o	hi_languageo	Other, specify	(text)	
C.2	hi_religion	What is this household's main religion?	1=Muslim 2=Protestant 3=Orthodox Christian 4=Catholic 5=Other Christian 6=Traditional 7=No religion 97=Other 888=Don't Know 999=Refused to Answer	(code)
C.2o	hi_religiono	Other, specify	(text)	
C.3	hi_settle	Which of the below categories best describes this household?	1=Fully settled—The whole of the household (all members, including head) is permanently settled and no members move during the year. 2=Partially settled—Some members of the household are permanently settled and others move around in order to herd their animals 3=Nomadic—The whole household moves around in order to herd the animals 888=Don't Know 999=Refused to Answer	(code)
C.4a	hi_locatedy	How long has the household been located on this spot?	(years)	
C.4b	hi_locatedm	<i>If over 20 years skip to C.8</i>	(months)	

C.5	hi_movewhy	Why did the household last resettle? <i>If NOT 9, skip to C.7</i> <i>If -997, skip to C.8</i>	1=Changes in grazing patterns/land 2=Marriage/moved out of parents home/independence 3=Looking for work 4=Trading 5=Came to join relatives 6=Natural causes (e.g. earthquake) 7=Conflict	8=Government order 9=Investor 10=Hunger – looking for food 11=Home destroyed 12=Looking for water 13=Closer to education/better education 14=Closer to town 15=Better agriculture opportunity 16=Divorce/family issues 17=Our culture just moves -997=Never moved 97=Other 888=Don't Know 999=Refused to Answer	(code)
C.5o	hi_movewhyo	Other, specify	(text)		
C.6	hi_movegov	Which level of government ordered your household to resettle?	1=Federal government 2=Regional government 3=Woreda 4=Kebele 888=Don't know 999=Refused to answer		(code)
C.7	hi_movefrom	From where did the household last move?	1=Same Ganta 2=Same Kedo Bahdo 3=Same kebele 4=Same PA 5=Same Woreda 6=Same Zone	7=Elsewhere in Ethiopia 8=Neighboring country 8=Abroad – other 888=Don't Know 999=Refused to Answer	
C.8	hi_wealth	Imagine that Households in your ganta are lined up from poorest to wealthiest (1-10). The households at the bottom (1) are the poorest and at the top (10) are the wealthiest. Those in the middle (5) represent the average household. Within this line, where is your Household located?	(integer)		
C.9	hi_subclanrel	Is the sub-clan leader (Gulub Abba) related to either the head of household or the spouse of the head of household? <i>If NOT Yes, skip to C.11</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer		(code)
C.10	hi_subclanhow	What is the relationship of the Gulub Abba to the head of household or the spouse of the head of household?	1=Nuclear family 2=Extended family 3=Both 888=Don't know 999=Prefer not to respond		(code)
C.11	hi_clanrel	Is the clan head (Kedo Abba) related to either the head of household or the spouse of the head of household? <i>If NOT Yes, skip to C.13</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer		(code)

C.12	hi_clanhow	What is the relationship of the Kedo Abba to the head of household or the spouse of the head of household?	1=Nuclear family 2=Extended family 3=Both 888=Don't know 999=Prefer not to respond	(code)
C.13	hi_officialrel	Are any local kebele officials related to either the head of household or the spouse of the head of household? <i>If NOT Yes, skip to Section D</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
C.14	hi_officialhow	What is the relationship of the kebele official(s) to the head of household or the spouse of the head of household?	1=Immediate family 2=Extended family 3=Both 888=Don't know 999=Prefer not to respond	(code)

SECTION D. HOUSEHOLD ROSTER

I would now like to ask you some questions about the people who live in your household. When I say household, I am referring to 'a group of people who live in the same homestead (which may consist of more than a single dwelling) and share food and other items bought from a common household budget.' This includes people who are temporarily away, like for school or herding, for less than 8 months of the year.

D.1	hr_members	How many members are in your household, including you?	(integer)
D.2	hr_underfive	How many members of your household are 5 years of age or younger?	(integer)
D.3	hr_overfive	How many household members are 6 years of age or older?	(integer)
D.4	hr_wives	How many wives does the head of this household have?	(integer)

I'd like to ask about each of your household members. Let's begin with yourself then move from the eldest to youngest household members.

	D.5	D.6	D.7	D.7b	D.8	D.9	D.10
	hr_name	hr_sex	hr_age	hr_age_est	hr_relhead	hr_married	hr_away
Member ID	Full name of household member	What is \${hr_memname}'s Sex? 1=Male 2=Female	What is \${hr_memname}'s Age in years? Children under 1 year: write 0 <i>If the respondent does not know, write 888</i>	What is \${hr_memname}'s approximate age in years? 1=0-5 2=6-12 3=13-17 4=18-30 5=31-40 6=41-50 7=51-60 8=60 or higher 888=Don't know 999=Prefer not to respond	What is \${hr_memname}'s relationship to the head? <i>See codes 111 below. Only ask if age >= 10</i>	What is \${hr_memname}'s current marital status? 1=Never married 2=Married 3=Divorced/separated 4=Widowed 888=Don't know 999=Refused to answer	Is \${hr_memname}'s currently living or working away from the ganta? 0=No 1=Yes 888=Don't know 999=Refused to answer
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

111—Relationship to Head			
1=Head	6=Brother/sister	10=Spouse's parent	14=Stepchild
2=Spouse/consensual partner	7=Brother/sister in-law	11=Uncle/aunt	15=Other relative

3=Son/daughter	8=Spouse of brother/sister	12=Cousin	16=Not related
4=Spouse of son/daughter	9=Parent	13=Nephew/niece	888=Don't know
5=Grandchild			999=Refused to answer

SECTION E. EDUCATION AND ECONOMIC ROLES

I would now like to ask you some questions about each household member's education and economic activities

	E.1	E.2	E.3	E.4	E.5	E.6	E.7
	ee_readamhari c	ee_memreade nglish	ee_school	ee_noschoolwhy	ee_highgrade	ee_currschool	ee_nocurrschoo l
Member ID	Can \${hr_memname} read a newspaper any language? 0=No 1=Yes 888=Don't know 999=Refused to answer <i>Only ask if age >=5</i>	Can \${hr_memname} write a short letter in any language? 0=No 1=Yes 888=Don't know 999=Refused to answer <i>Only ask if age >=5</i>	Has \${hr_memname} ever attended school or any other type of education facility? 0=No 1=Yes 888=Don't know 999=Refused to answer <i>If NOT No, skip to E.5</i> <i>Only ask if age >=5</i>	Why has \${hr_memname} never attended school or any other education facility? <i>See codes 112 below.</i> <i>Skip to E.10</i>	What is the highest grade \${hr_memname} has attained?	Is \${hr_memname} currently attending school? 0=No 1=Yes 888=Don't know 999=Refused to answer <i>If NOT No, skip to E.8</i>	Why is \${hr_memname} not currently in school? <i>See codes 114 below</i>
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

I12—Why never attended school			I13—Highest grade		
1=Cannot afford school fees	7=School is too far away	14=Conflict/war	1=Standard 1	7=Standard 7	13=Sec School Diploma
2=Needed for household/domestic duties	8=Education is not necessary/no point	15=Lack of awareness/support	2=Standard 2	8=Standard 8	14=University Degree
3=Needed for herding and/or farming work	9=Too sick to attend school/disabled	16=Traveled/moved	3=Standard 3	9=Standard 9	15=Postgraduate
4=Working for other household	10=Female education not mandatory	17= Did not attend as a child, now too old	4=Standard 4	10=Standard 10	16=Adult education
5=Too young to attend school	11=Female education not valuable	888=Don't know	5=Standard 5	11=Preparatory 1	17=Religious school (incl koranic)
6=No school present/school closed/no teacher	12=Cultural reasons	999=Refused to answer	6=Standard 6	12=Preparatory 2	888=Don't know
	13=Didn't want to attend/unwilling to study				999=Refused to answer

CONTINUED—SECTION E. EDUCATION AND ECONOMIC ROLES

	E.8	E.9	E.10
	ee_daysmiss	ee_daysmisswhy	ee_econact
Member ID	<p>Roughly how many school days did \${hr_memname} miss in the past 12 months? Do not include days that the school is closed</p> <p>INTERVIEWER: Calculate amount in days None= 0 school days 1 week = 5 school days 1 month = 22 school days; whole school year = 198 days</p> <p><i>If 0, skip to E.10</i></p>	<p>What was the main reason for \${hr_memname}'s absences from school during the past 12 months?</p> <p><i>See codes 114</i></p>	<p>What is \${hr_memname}'s primary economic activity?</p> <p><i>See codes 115</i></p> <p><i>Only ask if age >=5</i></p>
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

114—Reasons for missing school			115—Economic activity	
1=Cannot afford school fees	11=School closed permanently	21=Unwilling to study/doesn't want to attend	1=Herding livestock	13=Not working: too old
2=Needed for domestic duties	12=The teacher is absent at the school	22=Lack of awareness/support	2=Milking livestock, caring for young animals	14=Not working: too young
3=Needed for herding	13=Too sick to attend school	23=Conflict/war	3=Livestock trading as employment/business	15=Not working: illness or disability
4=Needed for farming	14=Someone else in the household is sick, so cannot attend	24=Got a job	4=Milk trading	16=Looking for a job
5=Working for other household	15=No transport	25=Failed examination	5=Petty trading	17=Collecting/selling wood/charcoal
6=Education is not necessary/no point	16=Female education not mandatory/valuable	26=Traveled/moved	6=Shop/business owner	18=Collecting water
7=Completed their education	17=Marriage	27=Lack of food/hunger	7=Unpaid work in family's shop/business	19=Mining
8=Too old to attend school	18=Cultural reasons	888=Don't know	8=Casual labor	20=Skilled labor
9=School is too far away	19=Language barrier	999=Refused to answer	9=Wage/salaried employment	21=None
10=School closed temporarily	20=Registered for a future term		10=Farming	97=Other, specify
			11=House/domestic work	888=Don't Know
			12=Student	999=Refused to Answer

SECTION F. LIVESTOCK STOCK

I would now like to ask you about the livestock your household currently herds and owns.

INTERVIEWER: Emphasize the difference between animals being herded by household and animals owned by household (including non-adult animals). Herded includes all animals tended by the household, whether or not owned by the household. Owned herd includes livestock inherited from father if your father is no longer alive or given by your father for future inheritance if father is still alive, as well as the number born into the herd or bought for breeding.

F.1	f_livestock	Which of the following animals do you own or herd? 1=Non-Pack Camels 2= Pack Camels 3=Cattle 4=Goats 5=Sheep 6=Donkey/Mules 7=Poultry -997=None 888=Don't know 999=Preferred not to answer	(code)
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		F.2	F.3	F.4	F.5	F.6	F.7	F.8
		f_{livestock}herd	f_{livestock}own	f_{livestock}noth erd	f_{livestock}notn um	f_{livestock}ho me	f_{livestock}lact	f_{livestock}lacth ome
Species/Sex		How many livestock are in the herd your household currently looks after (including non-adult livestock)? <i>If 0, skip to next livestock</i>	How many livestock does your household own (including non-adult livestock)?	Are there any that you own that you are not currently looking after? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If NOT Yes, skip to F.5</i>	If yes, how many?	How many of the livestock your household herds were always kept at home during past 12 months?	How many of your adult female livestock are lactating?	How many of your adult female lactating livestock were kept at home during the past 12 months?
Non-Pack Camels	Male	f_camherdm	f_camownm	f_camnotherdm	f_camnotnumm	f_camhomem		
	Female	f_camherdf	f_camownf	f_camnotherdf	f_camnotnumf	f_camhomef	f_camlact	f_camlacthome
Pack Camels	Male	f_pcamherdm	f_pcamownm	f_pcamnotherdm	f_pcamnotnumm	f_pcamhomem		
	Female	f_pcamherdf	f_pcamownf	f_pcamnotherdf	f_pcamnotnumf	f_pcamhomef	f_pcamlact	f_pcamlacthome
Cattle	Male	f_cattamherdm	f_cattamownm	f_cattamnotherdm	f_cattamnotnumm	f_cattamhomem		
	Female	f_cattamherdf	f_cattamownf	f_cattamnotherdf	f_cattamnotnumf	f_cattamhomef	f_cattamlact	f_cattamlacthome
Goats	Male	f_goatherdm	f_goatownm	f_goatnotherdm	f_goatnotnumm	f_goathomem		
	Female	f_goatherdf	f_goatownf	f_goatnotherdf	f_goatnotnumf	f_goathomef	f_goatlact	f_goatlacthome
Sheep	Male	f_shepherd	f_sheepownm	f_sheepnotherdm	f_sheepnotnumm	f_sheephomem		
	Female	f_shepherd	f_sheepownf	f_sheepnotherdf	f_sheepnotnumf	f_sheephomef	f_sheep	f_sheep
Donkey/Mules	Total	f_muleherd	f_muleown	f_mulenotherd	f_mulenotnum	f_mulehome		
Poultry	Total		f_fowlown					

		F.9	F.10
		f_{livestock}notown	f_{livestock}notownfrom
Species/Sex		Do you herd any livestock that you do not own? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Where did the livestock that you herd but do not own come from? 1=Same ganta 2=Same kebele 3=Same woreda 4=Same zone 5=Same region 6=Outside the region from non-Afar household 7=Outside the region from Afar household 888=Don't Know 999=Prefer not to respond
Non-Pack Camels	Male	f_camnotownm	f_camnowownfromm
	Female	f_camnotownf	f_camnowownfromf
Pack Camels	Male	f_pcamnotown	f_pcamnowownfromm
	Female	f_pcamnotown	f_pcamnowownfromf
Cattle	Male	f_cattnotown	f_cattamnowownfrom
	Female	f_cattnotown	f_cattamnowownfrom
Goats	Male	f_goatnotown	f_goatnowownfromm
	Female	f_goatnotown	f_goatnowownfromf
Sheep	Male	f_sheepnotown	f_sheepnowownfromm
	Female	f_sheepnotown	f_sheepnowownfromf
Donkey/Mules	Total	f_mulenotown	f_mulenowownfrom
Poultry	Total		

SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

I would like to ask you about the wet season grazing areas your household used in the last 12 months.

G.1	g_wetseason	<p>Did animals from your household move to the wet season grazing area in the past year (past 12 months)?</p> <p><i>This includes animals that migrated with another household, or animals that migrated to a nearby grazing area</i></p> <p><i>If Yes, skip to G.4</i></p>	<p>0=No 1=Yes 888=Don't know 999=Preferred not to answer</p>	(code)
G.2	ws_nomoveview_hy	<p>Why does your household not send animals to the wet season grazing area? <i>Probe and code</i></p>	<p>1=Small herd size 2=Insufficient labor 3=Restrictions by kebele authorities 4=Restrictions by traditional authorities 5=Much settlement in wet season grazing areas 6=Conflict with other households in my clan 7=Conflict with another ethnic group 8=Sufficient pasture or water at kelo camp or near ganta 9=No water or feed for animals at wet season grazing area 10=There is no wet season grazing area or it is far 11=Insufficient pasture or water at wet season grazing area camp 12=No hh member available to take the animals 13=Need to stay in the ganta to farm -997=Have no animals 97=Other 888=Don't know 999=Prefer not to respond</p>	(code)
G.2o	ws_nomoveview_hyo	Other, specify	(text)	
<p><i>If G.2= 3, 4, 5,6, or 7, ask G.64-G.78 about the grazing areas where access was lost</i> <i>If G.2 does not equal 3, 4, 5, 6, or 7, skip to G.3</i></p>				
G.64	ws_grazerestrict_nm	G.64 In the past 12 months, have there been any new restrictions in your household's ability to access wet season grazing areas?	<p>0=No 1=Yes 888=Don't know 999=Preferred not to answer</p>	
Now I'd like to ask you how important each of the following reasons are for explaining the new restrictions				
	ws_gresfarm_nm	G.65 The EXPANSION OF FARMLAND has restricted my household's access to this wet season herding area	<p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	

ws_gresclanel d_nm	G.66 RESTRICTIONS FROM CLAN ELDERS have restricted my household's access to this wet season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ws_gresgovoff _nm	G.67 RESTRICTIONS FROM GOV OFFICIALS have restricted my household's access to this wet season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ws_gresinvest or_nm	G.68 RESTRICTIONS BY PRIVATE COMPANY OR INFRASTRUCTURE PROJECT have restricted my household's access to this wet season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ws_gresconflic t_nm	G.69 CONFLICT OR INSECURITY has restricted my household's access to this wet season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ws_gresdegra de_nm	G.70 DEGRADED LAND CONDITIONS have restricted my household's access to this wet season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ws_gresbushgr ow_nm	G.71 INCREASED BUSH/PROSOPIS ENCROACHMENT has restricted my household's access to this wet season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ws_gresnowat er_nm	G.72 LACK OF WATER has restricted my household's access to this wet season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ws_gresother_ nm	G.73a Have there been any other reasons that access is restricted?	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer

	ws_gresothero_nm	G.73o Other, Specify	(text)
	ws_gresotheri mp_nm	G.73b OTHER has restricted my household's access to this wet season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
	ws_negimpact_nm	G.74 Did the loss of access to this grazing area have any negative impact on your household?	0=No 1=Yes 888=Don't know 999=Preferred not to answer
Please tell me whether you agree with each statement regarding those impacts.			
	ws_negreduce prod_nm	G.75 Because of loss of access to this wet season herding area, my household experienced REDUCED LIVESTOCK PRODUCTIVITY.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
	ws_negoverco nsum_nm	G.76 Because of loss of access to this wet season herding area, my household experienced LOSS OF HOUSEHOLD CONSUMPTION	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
	ws_neglossinc ome_nm	G.77 Because of loss of access to this wet season herding area, my household experienced LOSS OF HOUSEHOLD INCOME.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
	ws_negother_nm	G.78a Is there any other negative impact your household experienced because of loss of access to this wet season herding area? <i>If 0, skip to G.3</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer
	ws_negothero_nm	G.78o Other, specify	
	ws_negotheri mp_nm	G.78b Because of loss of access to this wet season herding area, my household experienced OTHER NEGATIVE IMPACTS.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer

G.3	ws_howmanage	<p>If your household herd does not migrate to the wet season grazing area, how do you manage the livestock?</p> <p><i>Select all that apply</i> <i>Skip to Section H</i></p>	<p>1=Buy feed for animals 2=Grow feed for animals 3=Entrust animals to relatives 4=Sell animals 5=Do nothing 6=Grazed locally 7=Collect feed locally (grass, sugarcane leaf, prosopis pod) 8=Support from government -997=Have no livestock 97=Other 888=Don't know 999=Prefer not to respond</p>	
G.3o	ws_howmanage	Other, specify	(text)	
G.4	ws_advice	<p>Did you seek advice from any individual(s) on which direction to move your animals and sites to use during the wet season?</p> <p><i>If NOT Yes, skip to G6</i></p>	<p>0=No 1=Yes 888=Don't know 999=Preferred not to answer</p>	(code)
G.5	ws_advwho	<p>If yes, what individual(s) did you seek advice from about the wet season migration of your animals?</p> <p><i>Select all that apply</i></p>	<p>1=Duwa Abba; 2= Clan or sub-clan leaders; 3= PA officials; 4=herders and scouts 5=Family member 6=Fema aba 7=Community as a whole -997=No one 97= Other 888=Don't know 999=Prefer not to respond</p>	(code)
G.5o	ws_advwho	Other, specify	(text)	
G.6	ws_numsites	How many sites in the wet season rangeland did your household use in the past 12 months?	(integer)	

CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

Let's talk about your WET SEASON grazing areas.

	G.7	G.8	G.9	G.10a	G.10b	G.11	G.11o	G.12
	ws_areaname	ws_dayswalk	ws_mnthstart	ws_timethere	ws_time there	ws_siteadvan	ws_siteadvano	ws_usetypical
Wet season Grazing Area ID	What is the name of the area? 1=Adalalita 2=Adibaro 3=Bida 4=Biedaforo 5=Bira Eforo 6=Buri 7=Burka 8=Debel 9=Dengelgita 10=Diyara 11=Gebeyabora 12=Geleladora 13=Gewane town 14=Hengego 15=Kodoe 16=Kuma Ber 17=Moroburi 18=Ourafeta 19=Rebana Segento 20=Sebulina Wenhara 21=Tutuli 22=Yigile 23=Mekaferda 97=Other 888=Don't know 999=Refused to answer	How many hours will it take to walk to wet season grazing area from the ganta?	What month did you or your household member start staying at this grazing site? 1=March 2=April 3=May 4=June 5=July 6=August 7=September 8=October 9=November 10=December 11=January 12=February 888=Don't know 999=Prefer not to answer	How many days or weeks did you stay there? Weeks	Days	What was the main advantage of this grazing site? 1= Lack of conflict 2=Lack of Livestock disease 3=Good water availability 4=Good pasture 5= Near market 6=It is easy to access/close to home 97=Other 888=Don't know 999=Prefer not to respond	Other, Specify	Do you typically use this wet season grazing area at that same time of year? 0=No 1=Yes 888=Don't know 999=Prefer not to answer <i>If no, skip to G.14</i>
1								
2								
3								
4								
5								

CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

	G.13	G.13o	G.14	G.15	G.15o
	ws_siteavoidwhy	ws_siteavoidwhy	ws_askpermis	ws_askwho	ws_askwho
Wet season Grazing Area ID	<p>Why do you typically choose to use this wet season grazing area at this time of year?</p> <p><i>Select all that apply</i></p> <p>1=For coping with drought</p> <p>2=Conflict between this community and another community in the usual migration route</p> <p>3=Livestock disease in the usual wet season camp or migration route</p> <p>4=Better pasture than the usual wet season camp or migration route</p> <p>5=Began to think the usual camp and migration route is too far</p> <p>6=The usual camp is no longer available for use</p> <p>97=Other</p> <p>888=Don't know</p> <p>999=Prefer not to respond</p>	Other, Specify	<p>Did you ask anyone for permission to use this area for wet season grazing?</p> <p>0=No</p> <p>1=Yes</p> <p>888=Don't know</p> <p>999=Preferred not to answer</p> <p><i>If no, skip to G.22</i></p>	<p>If yes, from whom did you seek permission?</p> <p><i>Select all that apply</i></p> <p>1=Ganta leader</p> <p>2=Clan leader (Kedo abba)</p> <p>3=Sub clan leader (Gulub abba),</p> <p>4=Fiema Abba, (group leader for rules)</p> <p>5=Duba Abba (customary grazing leader)</p> <p>6=Daar-Idolla (elder/customary leader - general)</p> <p>7=Kebele officials</p> <p>8=Woreda officials</p> <p>9=Community as a whole</p> <p>10=Herders</p> <p>-997 = No one</p> <p>97=other</p> <p>888=Don't know</p> <p>999=Prefer not to respond</p>	Other, Specify
1					
2					
3					
4					
5					

CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

Now I'd like to ask you a series of questions about your contributions to this wet season grazing area in the past 12 months

	G.16	G.17	G.18	G.19	G.20	G.21	G.22	G.23
	ws_watmaintmon	ws_watmaintlab	ws_watseedmon	ws_watseedlab	ws_watfencemon	ws_watfencelab	ws_watclearmon	ws_watclearlab
Wet season Grazing Area ID	How much has your household voluntarily contributed to the maintenance of water points in this wet season grazing area in cash or in-kind?	How many days of labor has your household voluntarily contributed to the maintenance of water points in this wet season grazing area? <i>In person-days</i>	How much has your household voluntarily contributed to the pasture seeding in this wet season grazing area in cash or in-kind?	How many days of labor has your household voluntarily contributed to the pasture seeding in this wet season grazing area? <i>In person-days</i>	How much has your household voluntarily contributed to the fence repair in this wet season grazing area in cash or in-kind?	How many days of labor has your household voluntarily contributed to the fence repair in this wet season grazing area? <i>In person-days</i>	How much has your household voluntarily contributed to the bush clearing in this wet season grazing area in cash or in-kind?	How many days of labor has your household voluntarily contributed to the bush clearing in this wet season grazing area? <i>In person-days</i>
1								
2								
3								
4								
5								

G.24	
ws_areachange	
Wet season Grazing Area ID	<p>During the last five years, has there been any change to the size/area of this rangeland site where your wet season herding takes place?</p> <p>1=Increased greatly 2=Increased slightly 3=No change 4=Decreased slightly 5=Decreased greatly 888=Don't know 999=Prefer not to respond</p> <p><i>If 1 or 2, skip to G.36</i> <i>If 3, skip to G.42</i></p>
1	
2	
3	
4	
5	

CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

Please tell me how much you agree or disagree with the following statements

	G.25	G.26	G.27	G.28	G.29	G.30
	ws_dechmnpop	ws_decanmlpop	ws_decinvestors	ws_decenclosures	ws_decnorain	ws_decerosion
Wet season Grazing Area ID	In the past 5 years, HUMAN POPULATION INCREASE is an important reason for the decreasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, LIVESTOCK POPULATION INCREASE is an important reason for the decreasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, THE EXPANSION OF INVESTORS/ BIG FARMS (cotton, sugar cane, etc.) is an important reason for the decreasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, THE EXPANSION OF PRIVATE GRAZING ENCLOSURES is an important reason for the decreasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, LACK OF RAIN is an important reason for the decreasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, SOIL EROSION is an important reason for the decreasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
1						
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4						
5						

CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

	G.31	G.32	G.33	G.34	G.35a	G.35o	G.35b
	ws_decmanage	ws_decbushburn	ws_decbushgrow	ws_decnoggrass	ws_decother	ws_decothero	ws_decotherimp
Wet season Grazing Area ID	In the past 5 years, POOR RANGELAND MANAGEMENT is an important reason for the decreasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, BUSH BURNING BAN is an important reason for the decreasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, GROWTH OF UNWANTED TREES/SHRUBS (Including prosopis) is an important reason for the decreasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, LACK OF GRASS is an important reason for the decreasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Is there any other reason the size/area has decreased? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Other, Specify	In the past 5 years, OTHER is an important reason for the decreasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer <i>Skip to G.43</i>
1							
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4							
5							

CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

Please tell me how much you agree or disagree with the following reasons for the **INCREASING** size/area of the grazing area over the past 5 years.

	G.36	G.37	G.38	G.39	G.40	G.41a	G.41o	G.41b
	ws_incwaterfac	ws_incbushclear	ws_incmorerain	ws_incbettersoil	ws_incmanage	ws_incother	ws_incothero	ws_incotherimp
Wet season Grazing Area ID	In the past 5 years, DEVELOPMENT OF WATER FACILITIES is an important reason for the increasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, BUSH CLEARING (Including prosopis) is an important reason for the increasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, ABUNDANT RAIN is an important reason for the increasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, IMPROVED SOIL CONDITION is an important reason for the increasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, BETTER RANGELAND MANAGEMENT PRACTICES is an important reason for the increasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Is there any other reason the size/area has increased? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Other, Specify	In the past 5 years, OTHER is an important reason for the increasing size of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
1								
2								
3								
4								
5								

CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

G.42	
ws_currcond	
Wet season Grazing Area ID	How would you describe the current condition of your wet season rangeland? 1=Very good 2=Good 3=Neither good nor bad 4=Bad 5=Very Bad 888=Don't know 999=Prefer not to respond
1	
2	
3	
4	
5	

Please tell me how much you agree or disagree with the following reasons for the **BAD QUALITY/CONDITION** of the rangeland where your wet season herding takes place over the past 5 years.

	G.43	G.44	G.45	G.46	G.47
	ws_badhmnpop	ws_badanmlpop	ws_badrainfarm	ws_badirrigate	ws_badnorain
Wet season Grazing Area ID	In the past 5 years, HUMAN POPULATION INCREASE is an important reason for the bad conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, LIVESTOCK POPULATION INCREASE is an important reason for the bad conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, EXPANSION OF RAINFED FARMING is an important reason for the bad conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, EXPANSION OF IRRIGATED AGRICULTURE is an important reason for the bad conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, LACK OF RAIN is an important reason for the bad conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
1					
2					
3					
4					
5					

CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

	G.48	G.49	G.50	G.51a	G.51o	G.51b
	ws_baderosion	ws_badmanage	ws_badbushgrow	ws_badother	ws_badotherimp	ws_badothero
Wet season Grazing Area ID	In the past 5 years, SOIL EROSION is an important reason for the bad conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, POOR RANGELAND MANAGEMENT is an important reason for the bad conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, BUSH ENCROACHMENT is an important reason for the bad conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Is there any other reason the condition is bad or very bad? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Other, Specify	In the past 5 years, OTHER is an important reason for the bad conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer <i>Skip to G.58</i>
1						
2						
3						
4						
5						

CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

Please tell me how much you agree or disagree with the following reasons for the **GOOD QUALITY/CONDITION** of the rangeland where your wet season herding takes place over the past 5 years.

	G.52	G.53	G.54	G.55	G.56	G.57a	G.57o	G.57b
	ws_goodwaterfac	ws_goodbushclear	ws_goodmorerain	ws_goodbettersoil	ws_goodmanage	ws_goodother	ws_goodotherimp	ws_goodothero
Wet season Grazing Area ID	In the past 5 years, DEVELOPMENT OF WATER FACILITIES is an important reason for the good conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, BUSH CLEARING is an important reason for the good conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, ABUNDANT RAIN is an important reason for the good conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, IMPROVED SOIL CONDITION s an important reason for the good conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, BETTER RANGELAND MANAGEMENT PRACTICES s an important reason for the good conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Is there any other reason the condition is good or very good? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Other, Specify	OTHER s an important reason for the good conditions of this grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
1								
2								
3								
4								
5								

CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

Please tell me how much you agree or disagree with the following reasons for why access has been restricted to where your wet season herding takes place.

	G.58	G.59	G.60	G.61	G.62
	ws_grazerestrict	ws_gresfarm	ws_gresclaneld	ws_gresgovoff	ws_gresinvestor
Wet season Grazing Area ID	In the past 12 months, have there been any new restrictions in your household's ability to access your wet season grazing area? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If NOT Yes, skip to G.68</i>	The EXPANSION OF FARMLAND has restricted my household's access to this wet season grazing land 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	RESTRICTIONS FROM CLAN ELDERS has restricted my household's access to this wet season grazing land 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	RESTRICTIONS FROM GOV OFFICIALS has restricted my household's access to this wet season grazing land 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	RESTRICTIONS BY PRIVATE COMPANY OR INFRASTRUCTURE PROJECT has restricted my household's access to this wet season grazing land 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
1					
2					
3					
4					
5					

	G.63	G.64	G.65	G.66	G.67a	G.67o	G.67b
	ws_gresconflict	ws_gresdegrade	ws_gresbushgrow	ws_gresnowater	ws_gresother	ws_gresothero	ws_gresotherimp
Wet season Grazing Area ID	CANNOT USE DUE TO CONFLICT OR INSECURITY has restricted my household's access to this wet season grazing land 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	THE LAND IS SO DEGRADED has restricted my household's access to this wet season grazing land 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	INCREASED BUSH/PROSOPIS ENCROACHMENT has restricted my household's access to this wet season grazing land 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	THE WATER IS NOT SUFFICIENT has restricted my household's access to this wet season grazing land 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Have there been any other reasons for access restrictions? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Other, Specify	OTHER has restricted my household's access to this wet season grazing land 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
1							
2							
3							
4							
5							

CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

If your household experienced negative impacts from loss of access to where your wet season herding takes place, please tell me whether you agree with each statement regarding those impacts.

	G.68	G.69	G.70	G.71	G.72a	G.72o	G.72b
	ws_negimpact	ws_negreduceprod	ws_negoverconsum	ws_neglossincome	ws_negother	ws_negothero	ws_negotherimp
Wet season Grazing Area ID	Did the loss of access to this grazing area have any negative impact on your household? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If 0, skip to G.73</i>	Because of loss of access to this wet season herding area, my household experienced REDUCED LIVESTOCK PRODUCTIVITY. 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Because of loss of access to this wet season herding area, my household experienced LOSS OF HOUSEHOLD CONSUMPTION. 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Because of loss of access to this wet season herding area, my household experienced LOSS OF HOUSEHOLD INCOME. 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Is there any other negative impact your household experienced because of loss of access to this wet season herding area? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Other, Specify	Because of loss of access to this wet season herding area, my household experienced OTHER NEGATIVE IMPACTS. 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
1							
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CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

Please tell me how important each of the following has been in restricting access to wet season water points?

	G.73	G.74	G.75	G.76	G.77
	ws_waterrestrict	ws_wresfarm	ws_wresduwaabba	ws_wresgovoff	ws_wresinvestor
Wet season Grazing Area ID	In the past 12 months, have there been any new restrictions in your household's ability to access wet season water points? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If NOT Yes, skip to G.83</i>	The EXPANSION OF FARMLAND has restricted my household's access to this wet season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	RESTRICTIONS FROM THE DUWA ABBA has restricted my household's access to this wet season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	RESTRICTIONS FROM GOV OFFICIALS has restricted my household's access to this wet season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	LOSS OF ACCESS DUE TO RESTRICTIONS BY PRIVATE COMPANY OR INFRASTRUCTURE PROJECT has restricted my household's access to this wet season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
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	G.78	G.79	G.80	G.81	G.82a	G.82o	G.82b
	ws_wresconflict	ws_wresdegrade	ws_wresbushgrow	ws_wresnowater	ws_gresother	ws_gresothero	ws_gresotherimp
Wet season Grazing Area ID	<p>CONFLICT OR INSECURITY has restricted my household's access to this wet season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>THE LAND IS SO DEGRADED has restricted my household's access to this wet season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>INCREASED BUSH/PROSOPIS ENCROACHMENT has restricted my household's access to this wet season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>THE WATER IS NOT SUFFICIENT has restricted my household's access to this wet season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>Have there been any other reasons for access restrictions?</p> <p>0=No 1=Yes 888=Don't know 999=Preferred not to answer</p>	<p>Other, Specify</p>	<p>OTHER has restricted my household's access to this wet season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>
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CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

Now I am going to ask you some questions about events that sometimes happen in villages like yours. Please tell me how likely you

	G.83	G.84	G.85	G.86	G.87	G.88
	ws_clearbound	ws_nogovtake	ws_noinvestortake			
Wet season Grazing Area ID	<p>The boundaries of the wet season grazing area are clear and respected by people in this ganta.</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Refuse to answer</p>	<p>I am confident that the government cannot take any part of this wet season grazing area without negotiation and fair compensation.</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Refuse to answer</p>	<p>I am confident that an outside investor cannot take any of my wet season grazing area without negotiation and fair compensation.</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Refuse to answer</p>	<p>How likely is it that elites from outside this ganta may take some of this wet season grazing land without authorization by the ganta in the next 1 to 3 years?</p> <p>1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply</p>	<p>How likely is it that elites from outside this ganta will take some of the customary wet season grazing land used by this ganta without your permission 4 of more years into the future?</p> <p>1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply</p>	<p>How likely is it that investors will lease or take away customary wet season grazing land used by this ganta for investment purposes in the next 1 to 3 years without authorization from the ganta?</p> <p>1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply</p>
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CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

	G.89	G.90	G.91	G.92	G.93	G.94
Wet season Grazing Area ID	How likely is it that investors will lease or take away customary wet season grazing land used by this ganta for investment purposes without authorization from the ganta 4 or more years into the future? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that a neighboring ganta will encroach and cross over to use customary wet season grazing land used by this ganta in the next 1 to 3 years? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that a neighboring ganta will encroach and cross over to use this wet season grazing land 4 or more years into the future? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that a clan leader will lease or give away this wet season grazing areas for investment purposes in the next 1 to 3 years without authorization from the ganta? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that a clan leader will lease or give away this wet season grazing areas for investment purposes without authorization from the ganta 4 or more years into the future? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that another clan or ethnic group from Afar will encroach and cross over to use this customary wet grazing areas used by this ganta in the next 1 to 3 years? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply
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CONTINUED—SECTION G. WET SEASON: ACCESS TO GRAZING LAND AND WATER

	G.95	G.96	G.97	G.98	G.99	G.100
				ws_localwaterright	ws_govwaterright	ws_invwaterright
Wet season Grazing Area ID	How likely is it that another clan or ethnic group from Afar will encroach and cross over to use this wet season grazing areas used by this ganta 4 or more years into the future? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that another clan or ethnic group from outside Afar will encroach and cross over to use this wet season grazing areas used by this ganta in the next 1 to 3 years? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that another clan or ethnic group from outside Afar will encroach and cross over to use this y wet seaosn grazing areas used by this ganta 4 or more years into the future? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	The rights to access the water points in this wet season grazing area are clear and respected by local (kebele/woreda) government authorities. 1=Agree 2=Somewhat agree 3=Neutral 4=Somewhat disagree 5=Disagree 888=Don't know 999=Prefer not to respond	The rights to access the water points in this wet season grazing area are clear and respected by regional/national government authorities. 1=Agree 2=Somewhat agree 3=Neutral 4=Somewhat disagree 5=Disagree 888=Don't know 999=Prefer not to respond	I am confident that a company/investor cannot take any of the water points in this grazing area during the wet season without negotiation and fair compensation 1=Agree 2=Somewhat agree 3=Neutral 4=Somewhat disagree 5=Disagree 888=Don't know 999=Prefer not to respond
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SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

I would like to ask you about the dry season grazing areas your household used in the last 12 months.

H.1	h_dryseason	<p>Did animals from your household move to the dry season grazing area in the past year (past 12 months)?</p> <p><i>This includes animals that migrated with another household, or animals that migrated to a nearby grazing area</i></p> <p><i>If Yes, skip to H.4</i></p>	<p>0=No 1=Yes 888=Don't know 999=Preferred not to answer</p>	(code)
H.2	ds_nomovewh_yo	<p>If not, why does your household not send animals to the dry season grazing area? <i>Probe and code</i></p>	<p>1=Small herd size 2=Insufficient labor 3=Restrictions by PA authorities 4=Restrictions by traditional authorities 5=Much settlement in dry season grazing areas 6=Conflict with other households in my clan 7=Conflict with another ethnic group 8=Sufficient pasture or water at kelo camp/near ganta 9=No water or grass at dry season grazing area 10=There is no dry season grazing area or it is far 11=Insufficient pasture or water at dry season grazing area camp 12=No hh member available to take the animals 13=Need to stay in the ganta to farm -997=Have no animals 97=Other 888=Don't know 999=Prefer not to respond</p>	(code)
H.2o	ds_nomovewh_yo	Other, specify	(text)	
<p><i>If H.2= 3, 4, 5,6, or 7, ask H.64-G.78 about the grazing areas where access was lost</i> <i>If H.2 does not equal 3, 4, 5, 6, or 7, skip to H.3</i></p>				
H.64	ds_grazerestri_ct_nm	H.64 In the past 12 months, have there been any new restrictions in your household's ability to access dry season grazing areas?	<p>0=No 1=Yes 888=Don't know 999=Preferred not to answer</p>	
Now I'd like to ask you how important each of the following reasons are for explaining the new restrictions				
	ds_gresfarm_nm	H.65 The EXPANSION OF FARMLAND has restricted my household's access to this dry season herding area	<p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	

ds_gresclaneld_nm	H.66 RESTRICTIONS FROM CLAN ELDERS have restricted my household's access to this dry season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ds_gresgovoff_nm	H.67 RESTRICTIONS FROM GOV OFFICIALS have restricted my household's access to this dry season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ds_gresinvestor_nm	H.68 RESTRICTIONS BY PRIVATE COMPANY OR INFRASTRUCTURE PROJECT have restricted my household's access to this dry season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ds_gresconflict_nm	H.69 CONFLICT OR INSECURITY has restricted my household's access to this dry season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ws_gresdegrade_nm	H.70 DEGRADED LAND CONDITIONS have restricted my household's access to this dry season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ds_gresbushgrow_nm	H.71 INCREASED BUSH/PROSOPIS ENCROACHMENT has restricted my household's access to this dry season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ds_gresnowater_nm	H.72 LACK OF WATER has restricted my household's access to this dry season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer

ds_gresother_nm	H.73a Have there been any other reasons that access is restricted?	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ds_gresothero_nm	H.73o Other, Specify	(text)
ds_gresotheri mp_nm	H.73b OTHER has restricted my household's access to this dry season herding area	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ds_negimpact_nm	H.74 Did the loss of access to this grazing area have any negative impact on your household?	0=No 1=Yes 888=Don't know 999=Preferred not to answer
Please tell me whether you agree with each statement regarding those impacts.		
ds_negreduce prod_nm	H.75 Because of loss of access to this dry season herding area, my household experienced REDUCED LIVESTOCK PRODUCTIVITY.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ds_negoverco nsum_nm	H.76 Because of loss of access to this dry season herding area, my household experienced LOSS OF HOUSEHOLD CONSUMPTION	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ds_neglossinco me_nm	H.77 Because of loss of access to this dry season herding area, my household experienced LOSS OF HOUSEHOLD INCOME.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
ds_negother_nm	H.78a Is there any other negative impact your household experienced because of loss of access to this dry season herding area? <i>If 0, skip to G.3</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer
ds_negothero_nm	H.78o Other, specify	

	ds_negotheri mp_nm	H.78b Because of loss of access to this dry season herding area, my household experienced OTHER NEGATIVE IMPACTS.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
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H.3	ds_howmanage	<p>If your household herd does not migrate to the dry season grazing area, how do you manage the livestock?</p> <p><i>Select all that apply</i> <i>Skip to Section I</i></p>	<p>1=Buy feed for animals 2=Grow feed for animals 3=Entrust animals to relatives 4=Sell animals 5=Do nothing 97=Other 888=Don't know 999=Prefer not to respond</p>	
H.3o	ds_howmanageo	Other, specify	(text)	
H.4	ds_advice	<p>Did you seek advice from any individual(s) on which direction to move your animals and sites to use during the dry season?</p> <p><i>If NOT Yes, skip to G6</i></p>	<p>0=No 1=Yes 888=Don't know 999=Preferred not to answer</p>	(code)
H.5	ds_advwho	<p>If yes, what individual(s) did you seek advice from about the dry season migration of your animals?</p> <p><i>Select all that apply</i></p>	<p>1=Duba Abba; 2= Clan or sub-clan leaders; 3= Kebele officials; 4=herders and scouts; 5=Family member 6=Fema aba 7=Community as a whole -997=No one 97= Other 888=Don't know 999=Prefer not to respond</p>	(code)
H.5o	ds_advwho	Other, specify	(text)	
H.6	ds_numsites	How many sites in the dry season rangeland did your household use?	(integer)	

CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

Let's talk about your DRY SEASON grazing areas.

	H.7	H.7c	H.8	H.9	H.10a	H.10b	H.11	H.11o	H.12
	ds_areaname		ds_dayswalk	ds_mnthstart	ds_timet herew	ds_time thered	ds_siteadvan	ds_siteadv ano	ds_usetypical
Dry season Grazing Area ID	What is the name of the area? 1=Adalalita 2=Adibaro 3=Bida 4=Biedaforo 5=Bira Eforo 6=Buri 7=Burka 8=Debel 9=Dengelgita 10=Diyara 11=Gebeyabora 12=Geleladora 13=Gewane town 14=Hengego 15=Kodoe 16=Kuma Ber 17=Moroburi 18=Ourafeta 19=Rebana Segento 20=Sebulina Wenhara 21=Tutili 22=Yigile 23=Mekaferda 97=Other 888=Don't know 999=Refused to answer	Was this grazing area also accessed during the wet season? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If yes, skip to the next grazing area</i>	How many hours will it take to walk to dry season grazing area from the ganta?	For the most recent time you used this site, what month did you or your household member start staying at this grazing site? 1=March 2=April 3=May 4=June 5=July 6=August 7=September 8=October 9=November 10=December 11=January 12=February 888=Don't know 999=Prefer not to answer.	How many days or weeks did you stay there? Weeks	Days	What were advantages of this grazing site? 1=Lack of conflict 2=Lack of Livestock disease 3=Good water availability 4=Good pasture 5=Near market 6=It is easy to access 7=Private/fenced 97=Other 888=Don't know 999=Prefer not to respond	Other, Specify	Do you typically use this dry season grazing area at that same time of year? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If NOT No, skip to H.14</i>
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CONTINUED—SECTION G. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

	H.13	H.13o	H.14	H.15	H.15o
	ds_siteavoidwhy	ds_siteavoidwhy	ds_askpermis	ds_askwho	ds_askwho
Dry season Grazing Area ID	<p>If not, why did you choose to use this dry season grazing area in this period of last year?</p> <p><i>Select all that apply</i></p> <p>1=For coping with drought</p> <p>2=Conflict between this community and another community in the usual migration route</p> <p>3=Livestock disease in the usual dry season camp or migration route</p> <p>4=Better pasture than the usual dry season camp or migration route</p> <p>5=Began to think the usual camp and migration route is too far</p> <p>6=The usual camp is no longer available for use</p> <p>97=Other</p> <p>888=Don't know</p> <p>999=Prefer not to respond</p>	Other, Specify	<p>Did you ask anyone for permission to use this area for dry season grazing?</p> <p>0=No</p> <p>1=Yes</p> <p>888=Don't know</p> <p>999=Preferred not to answer</p> <p><i>If NOT Yes, skip to H.22</i></p>	<p>If yes, from whom did you seek permission?</p> <p>1=Ganta leader</p> <p>2=Clan leader (Kedo abba)</p> <p>3=Sub clan leader (Gulub abba),</p> <p>4=Fiema Abba, (group leader for rules)</p> <p>5=Duba Abba (customary grazing leader)</p> <p>6=Daar-Idolla (elder/customary leader - general)</p> <p>7=PA officials</p> <p>8=Woreda officials</p> <p>9=Community as a whole</p> <p>97=other</p> <p>888=Don't know</p> <p>999=Prefer not to respond</p>	Other, Specify
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CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

Now I'd like to ask you a series of questions about your contributions to this dry season grazing area in the past 12 months

	H.16	H.17	H.18	H.19	H.20	H.21	H.22	H.23
	ds_watmaintmon	ds_watmaintlab	ds_watseedmon	ds_watseedlab	ds_watfencemon	ds_watfencelab	ds_watclearmon	ds_watclearlab
Dry season Grazing Area ID	How much has your household voluntarily contributed to the maintenance of water points in this wet season grazing area in cash or in-kind? <i>In person-days</i>	How many days of labor has your household voluntarily contributed to the maintenance of water points in this wet season grazing area?	How much has your household voluntarily contributed to the pasture seeding in this wet season grazing area in cash or in-kind? <i>In person-days</i>	How many days of labor has your household voluntarily contributed to the pasture seeding in this wet season grazing area?	How much has your household voluntarily contributed to the fence repair in this wet season grazing area in cash or in-kind? <i>In person-days</i>	How many days of labor has your household voluntarily contributed to the fence repair in this wet season grazing area?	How much has your household voluntarily contributed to the bush clearing in this wet season grazing area in cash or in-kind? <i>In person-days</i>	How many days of labor has your household voluntarily contributed to the bush clearing in this wet season grazing area?
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1								
3								
4								
5								

CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

	H.24
	ds_areachange
Dry season Grazing Area ID	<p>During the last five years, has there been any change to the size/area of the rangeland where your household's dry season herding takes place?</p> <p>1=Increased greatly <i>If 1 or 2, skip to H.36</i> 2=Increased slightly <i>If 3, skip to H.42</i> 3=No change 4=Decreased slightly 5=Decreased greatly 888=Don't know 999=Prefer not to respond</p>
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CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

Please tell me how much you agree or disagree with the following reasons for the **DECREASING** size/area of the grazing area over the past 5 years.

	H.25	H.26	H.27	H.28	H.29	H.30
	ds_dechmnpop	ds_decanmlpop	ds_decinvestors	ds_decenclosures	ds_decnorain	ds_decerosion
Dry season Grazing Area ID	In the past 5 years, HUMAN POPULATION INCREASE is an important reason for the decreasing size of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, LIVESTOCK POPULATION INCREASE is an important reason for the decreasing size of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, THE EXPANSION OF INVESTORS/ BIG FARMS (cotton, sugar cane, etc.) is an important reason for the decreasing size of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, THE EXPANSION OF PRIVATE GRAZING ENCLOSURES is an important reason for the decreasing size of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, LACK OF RAIN is an important reason for the decreasing size of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, SOIL EROSION is an important reason for the decreasing size of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
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CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

	H.31	H.32	H.33	H.34	H.35a	H.35o	H.35b
	ds_decmanage	ds_decbushburn	ds_decbushgrow	ds_decnoggrass	ds_decother	ds_decothero	ds_decotherimp
Dry season Grazing Area ID	<p>In the past 5 years, POOR RANGELAND MANAGEMENT is an important reason for the decreasing size of this dry season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>In the past 5 years, BUSH BURNING BAN is an important reason for the decreasing size of this dry season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>In the past 5 years, GROWTH OF UNWANTED TREES/SHRUBS (including prosopis) is an important reason for the decreasing size of this dry season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>In the past 5 years, LACK OF GRASS is an important reason for the decreasing size of this dry season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>Is there any other reason the size/area has decreased?</p> <p>0=No 1=Yes 888=Don't know 999=Preferred not to answer</p>	<p>Other, Specify</p>	<p>In the past 5 years, OTHER is an important reason for the decreasing size of this dry season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p> <p>Skip to H.43</p>
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1							
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CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

Please tell me how much you agree or disagree with the following reasons for the **INCREASING** size/area of the grazing area over the past 5 years.

	H.36	H.37	H.38	H.39	H.40	H.41a	H.41o	H.41b
	ds_incwaterfac	ds_incbushclear	ds_incmorerain	ds_incbettersoil	ds_incmanage	ds_incother	ds_incothero	ds_incotherimp
Dry season Grazing Area ID	In the past 5 years, DEVELOPMENT OF WATER FACILITIES is an important reason for the increasing size of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, BUSH CLEARING is an important reason for the increasing size of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, ABUNDANT RAIN is an important reason for the increasing size of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, IMPROVED SOIL CONDITION is an important reason for the increasing size of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, BETTER RANGELAND MANAGEMENT PRACTICES is an important reason for the increasing size of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Is there any other reason the size/area has increased? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Other, Specify	In the past 5 years, OTHER is an important reason for the increasing size of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
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CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

H.42	
ds_currcond	
Dry season Grazing Area ID	How would you describe the current condition of your dry season rangeland? 1=Very good <i>If 1 or 2, skip to H.52</i> 2=Good <i>If 3, skip to H.58</i> 3=Neither good nor bad 4=Bad 5=Very Bad 888=Don't know 999=Prefer not to respond
1	
2	
3	
4	
5	

Please tell me how much you agree or disagree with the following reasons for the **BAD QUALITY/CONDITION** of the rangeland where your dry season herding takes place over the past 5 years.

	H.43	H.44	H.45	H.46	H.47
	ds_badhmnpop	ds_badanmlpop	ds_badrainfarm	ds_badirrigate	ds_badnorain
Dry season Grazing Area ID	In the past 5 years, HUMAN POPULATION INCREASE is an important reason for the bad condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, LIVESTOCK POPULATION INCREASE is an important reason for the bad condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, THE EXPANSION OF RAINFED FARMING is an important reason for the bad condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, EXPANSION OF IRRIGATED AGRICULTURE is an important reason for the bad condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, LACK OF RAIN is an important reason for the bad condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
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CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

	H.48	H.49	H.50	H.51a	H.51o	H.51b
	ds_baderosion	ds_badmanage	ds_badbushgrow	ds_badother	ds_badothero	ds_badotherimp
Dry season Grazing Area ID	In the past 5 years, SOIL EROSION is an important reason for the bad condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, POOR RANGELAND MANAGEMENT is an important reason for the bad condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, BUSH ENCROACHMENT is an important reason for the bad condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Is there any other reason the condition is bad or very bad? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Other, Specify	In the past 5 years, OTHER is an important reason for the bad condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer <i>Skip to H.58</i>
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1						
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CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

Please tell me how much you agree or disagree with the following reasons for the **GOOD QUALITY/CONDITION** of the rangeland where your dry season herding takes place over the past 5 years.

	H.52	H.53	H.54	H.55	H.56	H.57a	H.57o	H.57b
	ds_goodwaterfac	ds_goodbushclear	ds_goodmorerain	ds_goodbettersoil	ds_goodmanage	ds_goodother	ds_goodothero	ds_goodotherimp
Dry season Grazing Area ID	In the past 5 years, DEVELOPMENT OF WATER FACILITIES is an important reason for the good condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, BUSH CLEARING is an important reason for the good condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, ABUNDANT RAIN is an important reason for the good condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, IMPROVED SOIL CONDITION is an important reason for the good condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	In the past 5 years, BETTER RANGELAND MANAGEMENT PRACTICES is an important reason for the good condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Is there any other reason the condition is good or very good? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Other, Specify	In the past 5 years, OTHER is an important reason for the good condition of this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
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CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

Please tell me how much you agree or disagree with the following reasons for why access has been restricted to where your dry season herding takes place.

	H.58	H.59	H.60	H.61	H.62
	ds_grazerrestrict	ds_gresfarm	ds_gresclaneld	ds_gresgovoff	ds_gresinvestor
Dry season Grazing Area ID	In the past 12 months, have there been any new restrictions in your household's ability to access your dry season grazing area? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If NOT Yes, skip to H.68</i>	EXPANSION OF FARMLAND has restricted my household's access to this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	RESTRICTIONS FROM CLAN ELDERS has restricted my household's access to this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	RESTRICTIONS FROM GOV OFFICIALS has restricted my household's access to this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	RESTRICTIONS BY PRIVATE COMPANY OR INFRASTRUCTURE PROJECT has restricted my household's access to this dry season grazing area 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
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1					
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	H.63	H.64	H.65	H.66	H.67a	H.67o	H.67b
	ds_gresconflict	ds_gresdegrade	ds_gresbushgrow	ds_gresnowater	ds_gresother	ds_gresothero	ds_gresotherimp
Dry season Grazing Area ID	<p>RESTRICTIONS IN ACCESS DUE TO CONFLICT OR INSECURITY has restricted my household's access to this dry season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>DEGRADED LAND CONDITIONS has restricted my household's access to this dry season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>INCREASED BUSH/PROSOPIS ENCROACHMENT has restricted my household's access to this dry season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>INSUFFICIENT WATER has restricted my household's access to this dry season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>Have there been any other reasons for access restrictions?</p> <p>0=No 1=Yes 888=Don't know 999=Preferred not to answer</p>	<p>Other, Specify</p>	<p>OTHER has restricted my household's access to this dry season grazing area</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>
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CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

If your household experienced negative impacts from loss of access to where your dry season herding takes place, please tell me whether you agree with each statement regarding those impacts.

	H.68	H.69	H.70	H.71	H.72a	H.72o	H.72b
	ds_negimpact	ds_negreduceprod	ds_negoverconsum	ds_neglossincome	ds_negother	ds_negothero	ds_negotherimp
Dry season Grazing Area ID	Did the loss of access to this grazing area have any negative impact on your household? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If 0, skip to H.80</i>	Because of loss of access to dry season herding areas, my household experienced REDUCED LIVESTOCK PRODUCTIVITY. 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Because of loss of access to dry season herding areas, my household experienced LOSS OF HOUSEHOLD CONSUMPTION 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Because of loss of access to dry season herding areas, my household experienced LOSS OF HOUSEHOLD INCOME. 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	Is there any other negative impact your household experienced because of loss of access to this dry season herding area? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Other, Specify	Because of loss of access to dry season herding areas, my household experienced OTHER NEGATIVE IMPACTS. 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
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CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

Please tell me how important each of the following has been in restricting access to dry season water points?

	H.73	H.74	H.75	H.76	H.77
	ds_waterrestrict	ds_wresfarm	ds_wresduwaabba	ds_wresgovoff	ds_wresinvestor
Dry season Grazing Area ID	In the past 12 months, have there been any new restrictions in your household's ability to access dry season water points? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If NOT Yes, skip to H.83</i>	EXPANSION OF FARMLAND has restricted my household's access to this dry season water point 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	RESTRICTIONS FROM THE DUWA ABBA has restricted my household's access to this dry season water point 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	RESTRICTIONS FROM GOV OFFICIALS has restricted my household's access to this dry season water point 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer	LOSS OF ACCESS DUE TO RESTRICTIONS BY PRIVATE COMPANY OR INFRASTRUCTURE PROJECT has restricted my household's access to this dry season water point 1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer
1					
1					
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4					
5					

	H.78	H.79	H.80	H.81	H.82a	H.82o	H.82b
	ds_wresconflict	ds_wresdegrade	ds_wresbushgrow	ds_wresnowater	ds_wresother	ds_wresothero	ds_wresotherimp
Dry season Grazing Area ID	<p>CONFLICT OR INSECURITY has restricted my household's access to this dry season water point</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>DEGRADED LAND CONDITIONS has restricted my household's access to this dry season water point</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>INCREASED BUSH/PROSOPIS ENCROACHMENT has restricted my household's access to this dry season water point</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>INSUFFICIENT WATER has restricted my household's access to this dry season water point</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>	<p>Have there been any other reasons for access restrictions?</p> <p>0=No 1=Yes 888=Don't know 999=Preferred not to answer</p>	<p>Other, Specify</p>	<p>OTHER has restricted my household's access to this dry season water point</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't know 999=Preferred not to answer</p>
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	H.83	H.84	H.85	H.86	H.87	H.88
	ds_clearbound	ds_nogovtake	ds_noinvestortake			
Wet season Grazing Area ID	<p>The boundaries of the dry season grazing area are clear and respected by people in this ganta.</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Refuse to answer</p>	<p>I am confident that the government cannot take any part of this dry season grazing area without negotiation and fair compensation.</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Refuse to answer</p>	<p>I am confident that an outside investor cannot take any of my dry season grazing area without negotiation and fair compensation.</p> <p>1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Refuse to answer</p>	<p>How likely is it that elites from outside this ganta may take some of this dry season grazing land without authorization by the ganta in the next 1 to 3 years?</p> <p>1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply</p>	<p>How likely is it that elites from outside this ganta will take some of the customary dry season grazing land used by this ganta without your permission 4 of more years into the future?</p> <p>1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply</p>	<p>How likely is it that investors will lease or take away customary dry season grazing land used by this ganta for investment purposes in the next 1 to 3 years without authorization from the ganta?</p> <p>1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply</p>
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	H.89	H.90	H.91	H.92	H.93	H.94
Wet season Grazing Area ID	How likely is it that investors will lease or take away customary dry season grazing land used by this ganta for investment purposes without authorization from the ganta 4 or more years into the future? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that a neighboring ganta will encroach and cross over to use customary dry season grazing land used by this ganta in the next 1 to 3 years? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that a neighboring ganta will encroach and cross over to use this dry season grazing land 4 or more years into the future? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that a clan leader will lease or give away this dry season grazing areas for investment purposes in the next 1 to 3 years without authorization from the ganta? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that a clan leader will lease or give away this dry season grazing areas for investment purposes without authorization from the ganta 4 or more years into the future? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that another clan or ethnic group from Afar will encroach and cross over to use this customary dry grazing areas used by this ganta in the next 1 to 3 years? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply
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CONTINUED—SECTION H. DRY SEASON: ACCESS TO GRAZING LAND AND WATER

	H.95	H.96	H.97	H.98	H.99	H.100
				ds_localwaterright	ds_govwaterright	ds_invwaterright
Wet season Grazing Area ID	How likely is it that another clan or ethnic group from Afar will encroach and cross over to use this dry season grazing areas used by this ganta 4 or more years into the future? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that another clan or ethnic group from outside Afar will encroach and cross over to use this dry season grazing areas used by this ganta in the next 1 to 3 years? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	How likely is it that another clan or ethnic group from outside Afar will encroach and cross over to use this dry season grazing areas used by this ganta 4 or more years into the future? 1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	The rights to access the water points in this dry season grazing area are clear and respected by local (kebele/woreda) government authorities. 1=Agree 2=Somewhat agree 3=Neutral 4=Somewhat disagree 5=Disagree 888=Don't know 999=Prefer not to respond	The rights to access the water points in this dry season grazing area are clear and respected by regional/national government authorities. 1=Agree 2=Somewhat agree 3=Neutral 4=Somewhat disagree 5=Disagree 888=Don't know 999=Prefer not to respond	I am confident that a company/investor cannot take any of the water points in this grazing area during the dry season without negotiation and fair compensation 1=Agree 2=Somewhat agree 3=Neutral 4=Somewhat disagree 5=Disagree 888=Don't know 999=Prefer not to respond
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SECTION I. ACCESS TO GRAZING LAND AND WATER IN NON-DROUGHT YEARS

Now I would like to ask you about how your household moves their animals in non-drought years

dr_year	I.1		What year was the last non-drought year? <i>ETHIOPIAN CALENDAR</i>	(integer)
dr_migrate	I.2		In the last non-drought year, did you migrate any livestock to any dry season or wet season grazing areas that you did not migrate to this year? <i>If No, skip to Section J</i> 0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
dr_location	I.3		How many locations did you migrate your livestock to?	(integer)

	I.5	I.5	I.7	I.8	I.9	I.10	I.11	I.12	I.13
	dr_area	dr_region	dr_zone	dr_woreda	dr_kebele	dr_animal	dr_moved	dr_per	dr_perprime
I.4 Drought Grazing Area ID	What is the name of the grazing area?	In what region is the grazing area located? 1=Afar 97=Outside Afar, specify <i>If 97, skip I7</i>	In what zone is the grazing area located? 1=Zone 1 2= Zone 2 3= Zone 3 4= Zone 4 5= Zone 5	In what woreda is the grazing area located?	In what kebele is the grazing area located?	What animal types did you move to this area? <i>Select all that apply</i> 1=Camel 2=Cattle 3=Goat 4=Sheep 888=Don't know 999=Preferred not to answer	Did you also move animals to this grazing area this year? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Did you have to obtain permission from anybody to graze at \${darea_1} during the last non-drought year? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Who was the primary person from which you obtained permission? 1 = Ganta leader 2 = Clan leader (Kedo abba) 3 = Sub clan leader (Gulub abba), 4 = Fiema Abba, (group leader for rules) 5 = Duwa Abba (customary grazing leader) 6 = Daar-Idolla (elder/customary leader - general) 7 = PA officials 8 = Woreda officials 9 = Community as a whole 97 = other 888 = Don't know 999 = Prefer not to respond
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SECTION J. GRAZING LAND GOVERNANCE

Now I would like to ask you some questions about grazing land governance in your ganta. We are interested in the grazing land that your household uses for wet and dry season grazing.

J.1	lg_mtg	In the past 12 months, how many formal meetings were held about grazing land in this ganta, such as to discuss access, use, conflict or related issues? <i>If 0, skip to J.6</i>	(integer)
J.2	lg_mtgattended	How often did anyone in your household attend these meetings? <i>If 5 skip to J.5</i>	1=Always 2=Frequently 3=Half the time 4=A few times 5=Never 888=Don't Know 999=Prefer not to reply (code)
J.3	lg_mtgw	How many women from your household attended?	(integer)
J.4	lg_mtgwhynot	Why did your household not attend any of these meetings? <i>Probe and code</i> <i>Select all that apply</i>	1=No interest in topics 2=Did not have time 3=Have no say at meetings 4=Meetings have no impacts 5=Not informed/did not know about the meeting in-time 6=Was not invited to the meeting 7=Was busy/traveling 8=Too ill/old to attend 97=Other (code)
J.4o	lg_mtgwhynoto	Other, please specify	(text)
J.5	lg_rulesfairl	How fair do you think the rules are that govern grazing land that your household uses?	1=Very Fair 2=Fair 3=Neutral 4=Unfair 5=Very Unfair 888=Don't Know 999=Prefer not to reply (code)
J.6	lg_punl	If someone, for example, gets caught grazing animals in areas out of season, do you think it is likely that they would be punished?	1=Very Likely 2=Likely 3=Neutral 4=Unlikely 5=Very Unlikely 888=Don't Know 999=Prefer not to reply (code)

J.7	lg_punwhol	Who would be the most likely to punish this rule-breaker?	1 = Clan elders (Daar-Idolla) 2 = Fiema Abba (clan rules enforcer) 3 = Local police 4 = PA 5 = Courts 6 = Imam 7 = Woreda officials 8 = Sub clan leader (Gulub abba), 9 = Ela Abba 10 = Duwa Abba 11 = Daar-Idolla (elder/customary leader - general) 12=Kedo abba 13=Fema abba 14=Community members -997=No rule/no punishment/NA 97 = Other 888 = Don't know 999 = Refuse to answer	(code)
J.7o	lg_punwholo	Other, please specify	(text)	
J.8	lg_cltasksl	Overall, how satisfied are you with the way your customary leaders are performing their tasks and duties related to grazing land management?	1=Very satisfied 2=Somewhat satisfied 3=Neutral 4=Somewhat unsatisfied 5=Very unsatisfied 888=Don't know 999=Refuse to answer	(code)
J.9	lg_rulesfairw	How fair do you think the rules are that govern water that your household uses?	1=Very Fair 2=Fair 3=Neutral 4=Unfair 5=Very Unfair 888=Don't Know 999=Prefer not to reply	(code)
J.10	lg_punw	If someone, for example, gets caught taking water out of turn or too much water, do you think it is likely that they would be punished?	1=Very Likely 2=Likely 3=Neutral 4=Unlikely 5=Very Unlikely 888=Don't Know 999=Prefer not to reply	(code)

J.11	lg_punwhow	Who would be the most likely to punish this rule-breaker?	1 = Clan elders (Daar-Idolla) 2 = Fiema Abba (clan rules enforcer) 3 = Local police 4 = PA 5 = Courts 6 = Imam 7 = Woreda officials 8 = Sub clan leader (Gulub abba), 9 = Ela Abba 10 = Duwa Abba 11 = Daar-Idolla (elder/customary leader - general) 12=Kedo abba 13=Fema abba 14=Community members -997=No rule/no punishment/NA 97 = Other 888 = Don't know 999 = Refuse to answer	(code)
J.11o	lg_punwhow o	Other, please specify	(text)	
J.12	lg_cltasksw	Overall, how satisfied are you with the way your customary leaders are performing their tasks and duties related to water management?	1=Very satisfied 2=Somewhat satisfied 3=Neutral 4=Somewhat unsatisfied 5=Very unsatisfied 888=Don't know 999=Refuse to answer	(code)

Please tell me how much you agree or disagree with the following statements.

J.13	lg_clconsult	In general, customary leaders such as clan elders, sub clan leaders, and Duwa Abba, consult with the ganta about important decisions about grazing land use, access and management. (They are inclusive and representative.)	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Prefer not to reply	(code)
J.14	lg_clconsultpro	In general, customary leaders such as clan elders, sub clan leaders, and Duwa Abba, work hard to conserve and protect the grazing land used by my ganta.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Prefer not to reply	(code)
J.15	lg_clpro	In general, customary leaders such as clan elders, sub clan leaders, and Duwa Abba, work hard to conserve and protect the water that my ganta has access to.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Prefer not to reply	(code)

J.16	lg_clwaterfair	The decisions that customary leaders, such as clan elders, sub clan leaders, and Duwa Abba, make about water use and access are fair.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Prefer not to reply	(code)
J.17	lg_clbenefits	Customary leaders such as clan elders, sub clan leaders, and Duwa Abba, try to provide benefits for poor and marginalized groups.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Prefer not to reply	(code)
J.18	lg_cltransl	The decision making process of customary leaders' such as clan elders, sub clan leaders, and Duwa Abba, for grazing land use and access is transparent.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Prefer not to reply	(code)
J.19	lg_cltransw	The decision making process of customary leaders' such as clan elders, sub clan leaders, and Duwa Abba, for water use and access is transparent.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Prefer not to reply	(code)
J.20	lg_farmfair	The process by which farmland is allocated is fair and transparent.	1=Strongly Agree 2=Agree 3=Neutral 4=Disagree 5=Strongly Disagree 888=Don't Know 999=Prefer not to reply	(code)
J.21	lg_allocate	Have any areas used for grazing and/or water access been reallocated for use as farms in your kebele?	0=No 1=Yes 888=Don't know 999=Prefer not to reply	(code)
J.22	lg_allocate_access	Have these farmland allocations affected overall grazing and/or water access for your household?	0=No 1=Yes 888=Don't know 999=Prefer not to reply	
J.23	lg_allocatels	In which of the following ways has the farmland allocation process in your kebele affected the grazing patterns and management of your livestock? (Probe and code)	1=It has reduced the area available for grazing 2=It has increased the distance you must travel with your animals to graze them 3=It has made it more difficult to water livestock 4=No impact 97=Other 888=Don't know 999=Prefer not to reply	(code)
J.23o	lg_allocatels_o	Other, please specify	(text)	

J.24 Imagine that the people who make decisions about dry season grazing land use and management in this ganta are lined up from least power to most power (1-10). The people at the top (10) of the line make lots of important decisions and the people at bottom (1) of the line do not have any say. Some people can also be at the middle, meaning, for some decisions, they are high up on the line and for others they are low down on the line. Where are the following people on this line when it comes to making decisions about dry season grazing land use and management in the ganta?

Where are the following people on this line when it comes to making decisions about dry season grazing land use and management in the ganta? Enter -997 if the leader does not exist in this ganta.

J.24a	lg_ganta	Ganta members as a group	(integer: 1-10)
J.24b	lg_subclan	Sub clan leader (Gulub abba),	(integer: 1-10)
J.24c	lg_fiema	Fiema Abba, (rules/regulations)	(integer: 1-10)
J.24d	lg_duwa	Duwa Abba (migration leader)	(integer: 1-10)
J.24e	lg_clan	Clan leader (Kedo abba)	(integer: 1-10)
J.24f	lg_daar	Daar-Idolla (elder leader)	(integer: 1-10)
J.24g	lg_youth	Youth	(integer: 1-10)
J.24h	lg_women	Women	(integer: 1-10)

Now I am going ask you some questions about events that sometimes happen in villages like yours. Please tell me how likely you think the following events are.

J.25	lg_locgovencroah	How likely is it that local (i.e. kebele/woreda) government will lease out or give away land used by this ganta for investment purposes in the next 1-3 years?	1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	(code)
J.26	lg_locgovencroach4	How likely is it that local government (i.e. kebele/woreda) will lease out or give away land used by this ganta for investment purposes 4 or more years into the future?	1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	(code)

J.27	lg_reggovencroach	How likely is it that the national government will lease out or give away land used by this ganta for investment purposes in the next 1-3 years?	1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	(code)
J.28	lg_reggovencroach 4	How likely is it that the national government will lease out or give away land used by this ganta for investment purposes 4 or more years into the future?	1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 6=Happening right now 888=Don't know 999=Prefer not to reply	(code)

SECTION K. CONFLICTS

I'd now like to ask you about different types of conflicts experienced by your household.

		K.1	K.2	K.3	K.4	K.4o
		con#_yn	con#_who	con#_resolve	con#_resolvehow	con#_resolvehowo
		Was your household involved in <conflict type> in the past 12 months? 0=No 1=Yes 888=Don't know 999=Prefer not to answer <i>If No, skip to next dispute type</i>	Who was involved in the disagreement? <i>Select all that apply</i> 1=Intra clan conflict (between households of the same clan) 2=Intra ganta conflict (between clans) 3=Inter ganta (conflict between gantas) 4=Conflict with Afar from outside the woreda 5=Conflict with non-Afar (member of other ethnic groups) from within or outside the area 6=Conflict with non-residents of the neighborhood who are private investors 7=conflict with government officials 8= Intra-household conflict between husband and/or wife/wives 9= Intra-household conflict between immediate family and extended family 888=Don't know 999=Prefer not to answer	Was the dispute(s) resolved? 0=No 1=Yes 2=Some, but not all, conflicts were resolved 888=Don't know 999=Prefer not to answer <i>If No, skip to K.7</i>	How was the disagreement resolved? <i>Select all that apply</i> 1=Through local elders' councils 2=Through clan councils 3=Through leaders of different ethnic groups 4=Through Kebele 5=Through Woreda 6=Through other Government 7=Conflict not resolved 8=NGOs 9=Negotiated myself 97=Other 888=Don't know 999=Prefer not to answer	Other, Specify
	Conflict Type					
1	Regional boundary disputes	con1_yn	con1_who	con1_resolve	con1_resolvehow	con1_resolvehowo
2	Woreda/kebele administrative boundary disputes	con2_yn	con2_who	con2_resolve	con2_resolvehow	con2_resolvehowo
3	Loss of access to a watering point	con3_yn	con3_who	con3_resolve	con3_resolvehow	con3_resolvehowo
4	Loss of access to wet season communal rangeland	con4_yn	con4_who	con4_resolve	con4_resolvehow	con4_resolvehowo
5	Loss of access to dry season communal rangeland	con5_yn	con5_who	con5_resolve	con5_resolvehow	con5_resolvehowo
6	Loss of access to forest resources / fuelwood	con6_yn	con6_who	con6_resolve	con6_resolvehow	con6_resolvehowo
7	Loss of access to a migration route	con7_yn	con7_who	con7_resolve	con7_resolvehow	con7_resolvehowo
8	Private enclosures of communal grazing lands	con8_yn	con8_who	con8_resolve	con8_resolvehow	con8_resolvehowo
9	Crop damage	con9_yn	con9_who	con9_resolve	con9_resolvehow	con9_resolvehowo
10	Salt licks and salt pans	con10_yn	con10_who	con10_resolve	con10_resolvehow	con10_resolvehowo

11	Loss of access to farmland	con11_yn	con11_who	con11_resolve	con11_resolvehow	con11_resolvehowo
12	Livestock Raiding, Loss or Reallocation	con12_yn	con12_who	con12_resolve	con12_resolvehow	con12_resolvehowo
13	Inheritance	con13_yn	con13_who	con13_resolve	con13_resolvehow	con13_resolvehowo
14	Marriage (claims by husband vs. wife/wives)	con14_yn	con14_who	con14_resolve	con14_resolvehow	con14_resolvehowo
97	Other (specify)	con97_yn	con97_who	con97_resolve	con97_resolvehow	con97_resolvehowo

CONTINUED— SECTION K. CONFLICTS

		K.5	K.6	K.7	K.8	K.9
		con#_resolvetime	con#_satisfy	con#_violence	con#_destruct	con#_severe
	Conflict Type	How much time did it take for the disagreement to be resolved? 1=A couple days 2=About 1 week 3=A couple weeks 4=About one month 5=Several months 6=About one year 7=2–3 years 8=More than 3 years	Are you satisfied with the process to resolve this disagreement? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Did this disagreement lead to violence? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	Did this disagreement lead to destruction of property or livestock loss? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	On a scale from 1 to 10, with 1 being very low and 10 being very high, how would you rank the severity of this disagreement?
1	Regional boundary disputes	con1_resolvetime	con1_satisfy	con1_violence	con1_destruct	con1_severe
2	Woreda/kebele administrative boundary disputes	con2_resolvetime	con2_satisfy	con2_violence	con2_destruct	con2_severe
3	Loss of access to a watering point	con3_resolvetime	con3_satisfy	con3_violence	con3_destruct	con3_severe
4	Loss of access to wet season communal rangeland	con4_resolvetime	con4_satisfy	con4_violence	con4_destruct	con4_severe
5	Loss of access to dry season communal rangeland	con5_resolvetime	con5_satisfy	con5_violence	con5_destruct	con5_severe
6	Loss of access to forest resources / fuelwood	con6_resolvetime	con6_satisfy	con6_violence	con6_destruct	con6_severe
7	Loss of access to a migration route	con7_resolvetime	con7_satisfy	con7_violence	con7_destruct	con7_severe
8	Private enclosures of communal grazing lands	con8_resolvetime	con8_satisfy	con8_violence	con8_destruct	con8_severe
9	Crop damage	con9_resolvetime	con9_satisfy	con9_violence	con9_destruct	con9_severe
10	Salt licks and salt pans	con10_resolvetime	con10_satisfy	con10_violence	con10_destruct	con10_severe
11	Loss of access to farmland	con11_resolvetime	con11_satisfy	con11_violence	con11_destruct	con11_severe
12	Livestock Raiding, Loss or Reallocation	con12_resolvetime	con12_satisfy	con12_violence	con12_destruct	con12_severe
13	Inheritance	con13_resolvetime	con13_satisfy	con13_violence	con13_destruct	con13_severe
14	Marriage (claims by husband vs. wife/wives)	con14_resolvetime	con14_satisfy	con14_violence	con14_destruct	con14_severe
97	Other (specify)	con97_resolvetime	con97_satisfy	con97_violence	con97_destruct	con97_severe

SECTION L. FARMLAND

I would like to know more about any farmland that your household owns.

L.1	fl_farmyn	Does your household cultivate or own farmland? <i>If NOT Yes, skip to L.3 I..</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
L.2	fl_farmno	How many separate plots of farmland does your household use?		(integer)

	L.3	L.4a	L.4b	L.5	L.6	L.7	L.7o	L.8
	fl_farmarea	fl_farmsizea	fl_farmsizeu	fl_walkmin	fl_farmirr	fl_farmirrsource	fl_farmirrsourceo	fl_farmflood
Farmland ID	What is the name of the area where your farm plot is located?	What is the size of the farm plot? <i>Integer</i> <i>Unit:</i> 1=Tigna/ Sanga 2=Hectare 3=Square meter 888=Don't know -997=NA 999=Prefer not to respond	How many minutes does it take to walk to this plot from your home?	Is this plot irrigated? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If No, skip to L.8</i>	What is the primary source of water used for irrigation on this plot? 1=stream/river 2=public well or borehole 3=hand pump or treadle pump 97=other 888=Don't know 999=Prefer not to respond	Other, Specify	Is this plot located on land that seasonally floods? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	
1								
2								
3								
4								
5								

	L.9	L.10	L.10o	L.11	L.12	L.12o
	fl_farmyear	fl_farmhowob	fl_farmhowobo	fl_farmauthob	fl_farmauthwho	fl_farmauthwhoo
Farmland ID	In what year was \${farmarea_1} obtained? <i>Ethiopian Calendar. Enter 777 if "as long as they can remember"</i>	How was the farmland at \${farmarea_1} obtained? 1=From elders 2=Purchased 3=Government (including PA) 4=Rent in 5=Share cropping 6=Inherited 7=Borrowed for free 8=Moved in without permission/just started using the land 97=Other(specify) 888=Don't know 999=Prefer not to respond	Other, Specify	Were you required to seek authorization from anyone to obtain access to this field at the time that you first acquired it? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If NOT Yes, skip to L.11</i>	From whom was this authorization obtained? 1 = Ganta leader 2 = Clan leader (Kedo abba) 3 = Sub clan leader (Gulub abba), 4 = Fiema Abba, (group leader for rules) 5 = Duwa Abba (customary grazing leader) 6 = Daar-Idolla (women's leader) 7 = Woreda officials 8 = Community as a whole 9 = Owner of the plot 97 = Other, specify 888 = Don't know 999 = Prefer not to respond	Other, Specify
1						
2						
3						
4						
5						

CONTINUED— SECTION L. FARMLAND

	L.13	L.13o	L.14	L.14o	L.15	L.16	L.16o	L.17	L.18
	fl_farmowner	fl_farmownero	fl_farmownerhh	fl_farmownerhho	fl_farmdoc	fl_farmdoctype	fl_farmdoctypeo	fl_farmdocyear	fl_farmdocmemyn
Farmland ID	Who does this farmland belong to? 1=Household member(s) 2=Ganta/customary land 3=Government 4=Another family in the ganta 5=Another family outside the ganta 97=Other 888=Don't know 999=Prefer not to answer <i>If NOT 1, skip to L.13</i>	Other, specify	Which household member(s) owns (own) the land? <i>Select all that apply</i> <i>(the list of names is personalized based on the household roster)</i>	Other, specify	Does the household have any documentation for \${farmarea_1}? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If NOT Yes, skip to L.18</i>	What type of document does the household have for \${farmarea_1}? 1=Title 2=Tax receipt/tax card/green card/book 3=Land certificate 4=Contract with village leaders/traditional agreement 888=Don't Know 97=Other, specify	Other, specify	What year was this documentation obtained? <i>Ethiopian Calendar</i>	Does (do) any household member's name(s) appear on the document? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If NOT Yes, skip to L.18</i>
1									
2									
3									
4									
5									

	L.19	L.20	L.20o	L.21	L.21o	L.22	L.23	L.24	L.24o
	fl_farmdoc mem	fl_farmuse	fl_farmu seo	fl_farmcrops	fl_farm cropp	fl_farmfertile	fl_farmfence	fl_farmfencereason	fl_farmfence reasono
Farmland ID	Which household members' names are listed on the document? <i>Select all that apply (the list of names is personalized based on the household roster)</i>	How is this farmland currently primarily used? 1=Cultivation 2=Fallow 3=Pasture 4=Rented out/share cropped 5=Borrowed out 97=Other 888=Don't know 999=Prefer not to answer <i>If NOT 1 or 4, skip to L.21</i>	Other, specify	Which crops are grown on \${farmarea_1}? 1=Barley 9=Cotton 2=Beans 10=Coffee 3=Maize 11=Chat 4-Millet 12=Vegetables 5=Sorghum 13=Fruit 6=Teff 14=Sesame 7=Wheat 15=Grass 8=Sugar 97=Other	Other, specify	In your opinion, how fertile is the soil on this plot? 1=Completely infertile 2=Not very fertile 3=Average soil quality 4=Above average fertility 5=Very fertile 888=Don't know 999=Prefer not to answer	Have you built a fence around this plot? 0=No 1=Yes 888=Don't know 999=Prefer not to answer	What was the main reason you built a fence? 1=To define boundaries 2=To keep herds out 3=To keep wild animals out 4=To keep animals in 97=Other, specify 888=Don't know 999=Prefer not to answer	Other, specify
1									
2									
3									
4									
5									

CONTINUED— SECTION L. FARMLAND

	L.25	L.26	L.27	L.28	L.29
	fl_farmfair	fl_farmexpclan	fl_farmexpelder	fl_farmexplocgov	fl_farmexpinv
Farmland ID	<p>Please state how much you agree or disagree with the following statement: "The process by which land is allocated is fair and transparent " on a five point scale)</p> <p>1=Strongly disagree 2=disagree 3=neither agree nor disagree 4=agree 5=strongly agree. 888=Don't know 999=Refused to answer</p>	<p>In the next 5 years, how likely is it that someone from outside your extended family but in your clan will take over this field without your household's permission/ agreement?</p> <p>1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 888=Don't know 999=Prefer not to reply</p>	<p>In the next 5 years, how likely do you think it is that clan elders will take over this field without your household's permission?</p> <p>1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 888=Don't know 999=Prefer not to reply</p>	<p>In the next 5 years, how likely do you think it is that local (e.g., kebele or woreda) government officials will take over this field without your household's permission?</p> <p>1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 888=Don't know 999=Prefer not to reply</p>	<p>In the next 5 years, how likely do you think it is that private investors from will take over this field without your household's permission?</p> <p>1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 888=Don't know 999=Prefer not to reply</p>
1					
2					
3					
4					
5					

CONTINUED— SECTION L. FARMLAND

	L.30	L.31	L.32	L.32o
	fl_farmexpnatgov	fl_farmrent	fl_farmrentauth	fl_farmrentautho
Farmland ID	<p>In the next 5 years, how likely do you think it is that government officials from outside the woreda (e.g. regional or national government) will take over this field without your household's permission?</p> <p>1=Very Likely 2=Likely 3=Neutral 4=Somewhat unlikely 5=Very unlikely 888=Don't know 999=Prefer not to reply</p>	<p>Is it possible to rent out or transfer this field to other individuals with out the consent of communities, clan leaders or local government officials?</p> <p>0=No 1=Yes 888=Don't know 999=Preferred not to answer</p>	<p>Who must you receive permission from for the transfer.</p> <p>1 = Ganta leader 2 = Clan leader (Kedo abba) 3 = Sub clan leader (Gulub abba), 4 = Fiema Abba, (group leader for rules) 5 = Duwa Abba (customary grazing leader) 6 = Daar-Idolla (women's leader) 7 = Woreda officials 8 = Community as a whole 9 = Owner of the plot 10 = Family 11 = Kebele Administration 12 = No one/Don't need permission 97 = Other, specify 888 = Don't know 999 = Prefer not to respond</p>	<p>Other, specify</p>
1				fl_farmrentautho_1
2				fl_farmrentautho_2
3				fl_farmrentautho_3
4				fl_farmrentautho_4
5				

CONTINUED— SECTION L. FARMLAND

L.33	fl_farmaddnlyn	Does your household plan to obtain additional farmland in the next year? <i>If NOT Yes, skip to Section M.</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
L.34	fl_farmaddnlauth	Will your household be required to seek authorization from anyone to obtain access to the new land?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
L.35	fl_farmaddnlauthwho	If yes, from whom will the authorization be required?	1 = Ganta leader 2 = Clan leader (Kedo abba) 3 = Sub clan leader (Gulub abba), 4 = Fiema Abba, (group leader for rules) 5 = Duwa Abba (customary grazing leader) 6 = Daar-Idolla (women's leader) 7 = Woreda officials 8 = Community as a whole 9 = Owner of the plot 10 = Agricultural officer 11 = Kebele Administration 12 = Village leader 13 = Government 14 = No one/Don't need permission 97 = Other, specify 888 = Don't know 999 = Prefer not to respond	(code)
L.35o	fl_farmaddnlauthwhoo	Other, please specify	(text)	

SECTION M. LIVESTOCK BORN DURING THE PAST ONE YEAR

I would like to ask your household about all the livestock births that occurred in the past year.

M.1	Isborn	Has your household had livestock born in the past one year? <i>If NOT Yes, skip to Section N</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
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			Isborn_{animal}(m/f)
	Animal	Sex	How many animals were born in the last year?
M.2a	Camel	Male	Isborn_camel_m
M.2b		Female	Isborn_camel_f
M.3a	Cattle	Male	Isborn_cattle_m
M.3b		Female	Isborn_cattle_f
M.4a	Goat	Male	Isborn_goat_m
M.4b		Female	Isborn_goat_f
M.5a	Sheep	Male	Isborn_sheep_m
M.5b		Female	Isborn_sheep_f

SECTION N. LIVESTOCK INTAKE IN THE PAST ONE YEAR

I would like to ask you about all livestock intake instances that have occurred in the past 12 months.

N.1	lsin_camyn	Has your household purchased or obtained CAMELS in the past 12 months?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
N.2	lsin_camhow	How did your household obtain CAMELS?	1=Purchased 2=Received as gifts 3=Borrowed 4=Exchange 5=Obtained as dowry 6=Inherited 888=Don't know 999=Preferred not to answer	(code)
N.3	lsin_camnum	How many CAMELS did your household obtain?	(integer)	
N.4	lsin_camf	How many CAMELS obtained were female?	(integer)	
N.5	lsin_camwhy	Why did your household obtain these CAMELS?	1=Restocking from loss 2=Expand herd 3=Cultural and traditional ritess 4=Milking purposes 5=Consumption 6=Business/Trading/Resale 7=Receipt of bridewealth payment 8=Fattening for slaughter 9=Plowing/cultivation 10=It was a gift 11=Inheritance 888=Don't know 999=Preferred not to answer	(code)
N.5b	lsin_camwhyb	Other, specify	(text)	
N.6	lsin_catyn	Has your household purchased or obtained CATTLE in the past 12 months?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)

N.7	Isin_cathow	How did your household obtain CATTLE?	1=Purchased 2=Received as gifts 3=Borrowed 4=Exchange 5=Obtained as dowry 6=Inherited 888=Don't know 999=Preferred not to answer	(code)
N.8	Isin_catnum	How many CATTLE did your household obtain?	(integer)	
N.9	Isin_catf	How many CATTLE obtained were female?	(integer)	
N.10	Isin_catwhy	Why did your household obtain these CATTLE?	1=Restocking from loss 2=Expand herd 3=Cultural and traditional ritess 4=Milking purposes 5=Consumption 6=Business/Trading/Resale 7=Receipt of bridewealth payment 8=Fattening for slaughter 9=Plowing/cultivation 10=It was a gift 11=Inheritance 888=Don't know 999=Preferred not to answer	(code)
N.10b	Isin_catwhy	Other, specify	(text)	
N.11	Isin_goatyn	Has your household purchased or obtained GOATS in the past 12 months?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
N.12	Isin_goathow	How did your household obtain GOATS?	1=Purchased 2=Received as gifts 3=Borrowed 4=Exchange 5=Obtained as dowry 6=Inherited 888=Don't know 999=Preferred not to answer	(code)
N.13	Isin_goatnum	How many GOATS did your household obtain?	(integer)	

N.14	lsin_goatf	How many GOATS obtained were female?	(integer)
N.15	lsin_goatwhy	Why did your household obtain these GOATS? 1=Restocking from loss 2=Expand herd 3=Cultural and traditional ritess 4=Milking purposes 5=Consumption 6=Business/Trading/Resale 7=Receipt of bridewealth payment 8=Fattening for slaughter 9=Plowing/cultivation 10=It was a gift 11=Inheritance 888=Don't know 999=Preferred not to answer	(code)
N.15b	lsin_goatwhy	Other, specify	(text)
N.16	lsin_sheepyn	Has your household purchased or obtained SHEEP in the past 12 months? 0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
N.17	lsin_sheeph	How did your household obtain SHEEP? 1=Purchased 2=Received as gifts 3=Borrowed 4=Exchange 5=Obtained as dowry 6=Inherited 888=Don't know 999=Preferred not to answer	(code)
N.18	lsin_sheepnum	How many SHEEP did your household obtain?	(integer)
N.19	lsin_sheepf	How many SHEEP obtained were female?	(integer)

N.20	lsin_sheepwhy	Why did your household obtain these SHEEP?	1=Restocking from loss 2=Expand herd 3=Cultural and traditional ritess 4=Milking purposes 5=Consumption 6=Business/Trading/Resale 7=Receipt of bridewealth payment 8=Fattening for slaughter 9=Plowing/cultivation 10=It was a gift 11=Inheritance 888=Don't know 999=Preferred not to answer	(code)
N.20b	lsin_sheepwhy	Other, specify	(text)	

SECTION O. LIVESTOCK OFFTAKE IN THE PAST ONE YEAR

O.1	lsout_camyn	Has your household experienced any offtake of CAMELS in the past 12 months? <i>If 0, skip to O.6</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
O.2	lsout_camhow	How did your household offtake CAMELS?	1=Sold 2=Gave as gifts 3=Loaned 4=Exchange 5=Pay debt 6=Animals given due to loss 888=Don't know 999=Preferred not to answer	(code)
O.3	lsout_camnum	How many CAMELS did you offtake?	(integer)	
O.4	lsout_camf	How many of these CAMELS are female?	(integer)	
O.5	lsout_camwhy	Why did your household offtake CAMELS?	1=For regular cash/income 2=Coping with drought (need money to buy food/necessities during drought) 3=Weak/poor performance 4=Help others in bad times 5=Spread risks of loss 6=School fees/sick child/other consumption including household commodities 7=Pay debt 8=bridewealth 9=other cultural reasons 10=To buy/build a house 11=To buy more animals 12=To buy agricultural inputs/food for cattle 13=Drought 14=Disease 15= Deposit 16= Death due to predation 17 = Stolen 18 = For household food consumption 19 = Death due to drought 20 = Healthcare 888=Don't know 999=Preferred not to answer	(code)

O.5b	lsout_camwhy o	Other, specify	(text)
O.6	lsout_catyn	Has your household experienced any offtake of CATTLE in the past 12 months? <i>If 0, skip to O.11</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer (code)
O.7	lsout_cathow	How did your household offtake CATTLE?	1=Sold 2=Gave as gifts 3=Loaned 4=Exchange 5=Pay debt 6=Animals given due to loss 888=Don't know 999=Preferred not to answer (code)
O.8	lsout_catnum	How many CATTLE did you offtake?	(integer)
O.9	lsout_catf	How many of these CATTLE are female?	(integer)

O.10	lsout_catwhy	Why did your household offtake CATTLE?	1=For regular cash/income 2=Coping with drought (need money to buy food/necessities during drought) 3=Weak/poor performance 4=Help others in bad times 5=Spread risks of loss 6=School fees/sick child/other consumption including household commodities 7=Pay debt 8=bridewealth 9=other cultural reasons 10=To buy/build a house 11=To buy more animals 12=To buy agricultural inputs 13=Drought 14=Disease 15= Deposit 16= Death due to predation 17 = Stolen 18 = For household food consumption 19 = Death due to drought 20 = Healthcare 888=Don't know 999=Preferred not to answer	(code)
O.10b	lsout_catwhy0	Other, specify		(text)
O.11	lsout_goatyn	Has your household experienced any offtake of GOATS in the past 12 months? <i>If 0, skip to O. 16</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
O.12	lsout_goathow	How did your household offtake GOATS?	1=Sold 2=Gave as gifts 3=Loaned 4=Exchange 5=Pay debt 6=Animals given due to loss 888=Don't know 999=Preferred not to answer	(code)
O.13	lsout_goatnum	How many GOATS did you offtake?		(integer)

O.14	lsout_goatf	How many of these GOATS are female?	(integer)
O.15	lsout_goatwhy	Why did your household offtake GOATS? 1=For regular cash/income 2=Coping with drought (need money to buy food/necessities during drought) 3=Weak/poor performance 4=Help others in bad times 5=Spread risks of loss 6=School fees/sick child/other consumption including household commodities 7=Pay debt 8=bridewealth 9=other cultural reasons 10=To buy/build a house 11=To buy more animals 12=To buy agricultural inputs 13=Drought 14=Disease 15= Deposit 16= Death due to predation 17 = Stolen 18 = For household food consumption 19 = Death due to drought 20 = Healthcare 888=Don't know 999=Preferred not to answer	(code)
O.15b	lsout_goatwhy	Other, specify	(text)
O.16	lsout_sheepyn	Has your household experienced any offtake of SHEEP in the past 12 months? <i>If 0, skip to Section P</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer (code)
O.17	lsout_sheephown	How did your household offtake SHEEP? 1=Sold 2=Gave as gifts 3=Loaned 4=Exchange 5=Pay debt 6=Animals given due to loss 888=Don't know 999=Preferred not to answer	(code)

O.18	lsout_sheepnum	How many SHEEP did you offtake?	(integer)
O.19	lsout_sheepf	How many of these SHEEP are female?	(integer)
O.20	lsout_sheepwhy	Why did your household offtake SHEEP? 1=For regular cash/income 2=Coping with drought (need money to buy food/necessities during drought) 3=Weak/poor performance 4=Help others in bad times 5=Spread risks of loss 6=School fees/sick child/other consumption including household commodities 7=Pay debt 8=bridewealth 9=other cultural reasons 10=To buy/build a house 11=To buy more animals 12=To buy agricultural inputs 13=Drought 14=Disease 15= Deposit 16= Death due to predation 17 = Stolen 18 = For household food consumption 19 = Death due to drought 20 = Healthcare 888=Don't know 999=Preferred not to answer	(code)
O.20b	lsout_sheepwhy	Other, specify	(text)

SECTION P. LIVESTOCK LOSS IN THE PAST ONE YEAR

I would now like to ask you about all livestock loss instances that have occurred in the past 12 months.

P.1	lsloss_camyn	Did your household lose any camels in the past 12 months? <i>If No, skip to P.4</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
P.2	lsloss_camhow	Why were camels lost? <i>Select all that apply</i>	1=Starvation / Drought 2=Disease 3=Predation 4=Raiding/Rustling/Conflict 5=Accident/just lost/ran away 6=Poisoned 7=Theft 8=Sold 9=Rain/flood 97=Other 888=Don't know 999=Refused to answer	
P.2b	lsloss_camhow o	Other, specify		
P.3	lsloss_camnum	How many camels were lost?	(integer)	
P.4	lsloss_catyn	Did your household lose any cattle in the past 12 months? <i>If No, skip to P.7</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)

P.5	lsloss_cathow	Why were cattle lost? <i>Select all that apply</i>	1=Starvation / Drought 2=Disease 3=Predation 4=Raiding/Rustling/Conflict 5=Accident/just lost/ran away 6=Poisoned 7=Theft 8=Sold 9=Rain/flood 97=Other 888=Don't know 999=Refused to answer	
P.5b	lsloss_cathowo	Other, specify		
P.6	lsloss_catnum	How many cattle were lost?	(integer)	

P.7	lsloss_goatyn	Did your household loose any goats in the past 12 months? <i>If No, skip to P.10</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
P.8	lsloss_goathow	Why were goats lost? <i>Select all that apply</i>	1=Starvation / Drought 2=Disease 3=Predation 4=Raiding/Rustling/Conflict 5=Accident/just lost/ran away 6=Poisoned 7=Theft 8=Sold 9=Rain/flood 97=Other 888=Don't know 999=Refused to answer	
P.8b	lsloss_goathowo	Other, specify		
P.9	lsloss_goatnum	How many goats were lost?	(integer)	

P.10	lsloss_sheepyn	Did your household loose any sheep in the past 12 months? <i>If No, skip to Section Q</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
P.11	lsloss_sheephow	Why were sheep lost? <i>Select all that apply</i>	1=Starvation / Drought 2=Disease 3=Predation 4=Raiding/Rustling/Conflict 5=Accident/just lost/ran away 6=Poisoned 7=Theft 8=Sold 9=Rain/flood 97=Other 888=Don't know 999=Refused to answer	
P.11b	lsloss_sheephowo	Other, specify		
P.12	lsloss_sheepnum	How many sheep were lost?	(integer)	

SECTION Q. MILK PRODUCTION

		Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9
Species/Sex		Did your household have milk production from (animal) in (season)? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If No, skip to next row of roster</i>	Total number of lactating (animal) in (season)?	What is the liters equivalent of the containers you use to measure / collect / store / sell milk?	How many containers of milk PER ANIMAL PER DAY did you produce from (animal) in (season)?	Did your household sell milk from (animal) in (season)? 0=No 1=Yes 888=Don't know 999=Preferred not to answer <i>If No, skip to next row of roster</i>	Who usually goes to sell the milk? <i>Select all that apply</i> <i>(the names of the household members are populated using survey software)</i>	To whom is it sold? <i>Select all that apply</i> 1=Local resident 2=Individual from outside PA 3=Local trader 4=Trader from outside PA 888=Don't know 999=Preferred not to answer	What is the average quantity of milk sold <u>PER DAY</u> <u>FROM</u> <u>TOTAL</u> milking (animal) in (season)? <i>In litres</i>	What is the average PRICE PER litre of milk sold? (ETB)
Sugum (wet) April 2015	Camel	mcmlsug	mcmlsug_num	mcmlsug_lt	mcmlsug_cnt	mcmlsug_sell	mcmlsug_sellwho	mcmlsug_sellwhom	mcmlsug_sellqnt	mcmlsug_sellprc
	Cattle	mctlsug	mctlsug_num	mctlsug_lt	mctlsug_cnt	mctlsug_sell	mctlsug_sellwho	mctlsug_sellwhom	mctlsug_sellqnt	mctlsug_sellprc
	Goats/sheep	mgpsug	mgpsug_num	mgpsug_lt	mgpsug_cnt	mgpsug_sell	mgpsug_sellwho	mgpsug_sellwhom	mgpsug_sellqnt	mgpsug_sellprc
Hagayi (dry) May June 2015	Camel	mcmlhag	mcmlhag	mcmlhag	mcmlhag	mcmlhag	mcmlhag	mcmlhag	mcmlhag	mcmlhag
	Cattle	mctlhag	mctlhag_num	mctlhag_lt	mctlhag_cnt	mctlhag_sell	mctlhag_sellwho	mctlhag_sellwhom	mctlhag_sellqnt	mctlhag_sellprc
	Goats/sheep	mgspbag	mgspbag_num	mgspbag_lt	mgspbag_cnt	mgspbag_sell	mgspbag_sellwho	mgspbag_sellwhom	mgspbag_sellqnt	mgspbag_sellprc
Karema (wet) July, August, September 2015	Camel	mcmlkar	mcmlkar_num	mcmlkar_lt	mcmlkar_cnt	mcmlkar_sell	mcmlkar_sellwho	mcmlkar_sellwhom	mcmlkar_sellqnt	mcmlkar_sellprc
	Cattle	mctlkar	mctlkar_num	mctlkar_lt	mctlkar_cnt	mctlkar_sell	mctlkar_sellwho	mctlkar_sellwhom	mctlkar_sellqnt	mctlkar_sellprc
	Goats/sheep	mgspkar	mgspkar_num	mgspkar_lt	mgspkar_cnt	mgspkar_sell	mgspkar_sellwho	mgspkar_sellwhom	mgspkar_sellqnt	mgspkar_sellprc
Gilale (dry) October 2015- March 2016	Camel	mcmlgil	mcmlgilnum	mcmlgillt	mcmlgilcnt	mcmlgil_sell	mcmlgilsellwho	mcmlgilsellwhom	mcmlgilsellqnt	mcmlgilsellprc
	Cattle	mctlgil	mctlgilnum	mctlgillt	mctlgilcnt	mctlgil_sell	mctlgilsellwho	mctlgilsellwhom	mctlgilsellqnt	mctlgil_sellprc
	Goats/sheep	mgspgil	mgspgilnum	mgspgillt	mgspgilcnt	mgspgil_sell	mgspgilsellwho	mgspgilsellwhom	mgspgilsellqnt	mgspgil_sellprc

SECTION R. INVESTOR RELATIONS

I would like to know about any investors or companies that may be operating within your kebele currently.

R.1	invstr_op	Are there any investors/ companies operating in your kebele? <i>If NOT Yes, skip to Section S</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
R.2	invstr_act	What activity are they doing? <i>Select all that apply</i>	1=Mining 2=Cotton farming 3=Sugar farming 4=Edible oil crops 5=Cereals 6=Tea 7=Ranching 8=NGO 97=Other, specify 888=Don't know 999=Prefer not to respond	(code)
R.2b	Invstr_acto	Other, specify	(text)	
R.3	invstr_mtgs	Did the investors/companies hold any meetings with your community?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
R.4	invstr_mtgsinv t	If yes, who was invited to attend these meetings? <i>Select all that apply.</i>	1=The community as a whole 2=Clan leaders 3=Community elders 4=local government officials 97=Other, specify 888 999	(code)
R.5	invstr_mtgsinv to	Did you attend any meetings or negotiations about the work that they would be doing in your ganta?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
R.6	invstr_nomtgsa ttnd	Why did no one from your household attend meetings?	1 = No interest in topics 2 = Did not have time 3 = Have no say at meetings 4 = Meetings have no impacts 5 = Not informed/did not know about the meeting in-time 6 = Was not invited to the meeting 7 = Was busy/traveling 97 = Other , specify 888 = Don't know 999 = Preferred not to answer	(code)
R.6b	invstr_nomtgsa ttndo	Other, specify	(text)	

R.7	invstr_mtgsatt nd	In you opinion, how transparent was the negotiation process between your community and the investor?	1=Very transparent 2=Somewhat transparent 3=Neutral/Don't know 4=Very little transparency 5=Not at all transparent 888 = Don't know 999 = Preferred not to answer	(code)
R.8	invstr_trnsprnt	Has your ganta received any benefits from the investor that are accessible to your household?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
R.9	invstr_ben	What benefits (good things) did your household receive as a result of the investor presence in your ganta? Select all that apply	1=Salary jobs 2=Piecework/casual labor 3=Health clinic 4=New secondary school 5=New/repaired road 6=New/repaired bridges 7=Training 8=Getting money (ex. land rental fees) 9 = new water pump 10=Electrification 11=Agricultural inputs 12=Livestock inputs 13=Annual benefit from the company by percent of profit 14=Goat aid 97 = Other (specify) 888 = Don't know 999 = Preferred not to answer	(code)
R.9b	invstr_bendeto	Other, specify	(text)	
R.10	invstr_neg	Has your household experienced any negative results (bad things) as a result of the investor presence in your ganta?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
R.11	invstr_negdet	What were the negative (bad) results? Select all that apply	1=Lost land for grazing 2=Lost access to water for livestock 3=Lost access to drinking water 4=Lost land for farming 5=Lost sacred bushes or land 6=Lost houses 7=Lost building materials 8=Wood/grass harder to collect 9=Medicinal plants destroyed 10=Water sources polluted 11=Less payment 97=Other, specify 888 = Don't know 999 = Preferred not to answer	(code)
R.11o	invstr_negdeto	Other, please specify	(text)	
R.12	Invst_chng	Since the investor came, have things gotten better or worse for your household?	1=Much worse 2=A little worse 3=No change 4=A little better 5=Much better 888=Don't know 999=Prefer not to respond	(code)

SECTION S. LIVELIHOOD ACTIVITIES AND CASH INCOME

Now I would like to ask you questions about all the work and various activities members of the household do for a living, and how much income they have earned from these activities over the past 12 months.

S.1a	y_1stocksaleyn	In the past 12 months, has any member of your household earned income from the SALE OF TRADE OR LIVESTOCK? <i>If NOT Yes, skip to next income type</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
S.1b	y_1stocksalea	How much money has been earned from the SALE OR TRADE OF LIVESTOCK?	(integer)	
S.2a	y_1stockprodsaleyn	In the past 12 months, has any member of your household earned income from the SALE OF LIVESTOCK PRODUCTS? <i>If NOT Yes, skip to next income type</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
S.2b	y_1stockprodsalea	How much money has been earned from the SALE OF LIVESTOCK PRODUCTS?	(integer)	
S.3a	y_cropyn	In the past 12 months, has any member of your household earned income from the SALE OF CROPS? <i>If NOT Yes, skip to next income type</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
S.3b	y_cropa	How much money has been earned from the SALE OF CROPS?	(integer)	
S.4a	y_jobyn	In the past 12 months, has any member of your household earned income from the SALARIED EMPLOYMENT? <i>If NOT Yes, skip to next income type</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
S.4b	y_joba	How much money has been earned from the SALARIED EMPLOYMENT?	(integer)	
S.5a	y_laboryn	In the past 12 months, has any member of your household earned income from the CASUAL LABOR? <i>If NOT Yes, skip to next income type</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
S.5b	y_labora	How much money has been earned from the CASUAL LABOR?	(integer)	
S.6a	y_rentyn	In the past 12 months, has any member of your household earned income from the RENTING OUT LAND OR HOUSING? <i>If NOT Yes, skip to next income type</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
S.6b	y_renta	How much money has been earned from the RENTING OUT LAND OR HOUSING?	(integer)	
S.7a	y_tradeyn	In the past 12 months, has any member of your household earned income from the BUSINESS OR PETTY TRADE? <i>If NOT Yes, skip to next income type</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
S.7b	y_tradea	How much money has been earned from the BUSINESS OR PETTY TRADE?	(integer)	
S.8a	y_psnpy	In the past 12 months, has any member of your household earned income from the PSNP? <i>If NOT Yes, skip to next income type</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
S.8b	y_psnpa	How much money has been earned from the PSNP?	(integer)	

S.9a	y_otheryn	In the past 12 months, has any member of your household earned income from the OTHER SOURCES OF INCOME? <i>If NOT Yes, skip to next income type</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
S.9b	y_othera	How much money has been earned from the OTHER SOURCES OF INCOME?	(integer)	

SECTION T. CASH & IN-KIND TRANSFERS

I would like to ask you about any cash or in-kind transfers that have occurred within the last 12 months

T.1	t_cashreceiveyn	Has your household RECEIVED any CASH from any other households as a gift with no expectation of repayment (including from family members who are working or living away from home) in the past 12 months?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
T.2	t_creceivenum	TOTAL amount in cash transfers that your household has RECEIVED?	(integer)	
T.3	t_cashgiveyn	Has your household GIVEN any CASH to any other households as a gift with no expectation of repayment (including to family members who are working or living away from home) in the past 12 months?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
T.4	t_cgivenum	TOTAL amount in cash transfers that your household has GIVEN?	(integer)	
T.5	t_ikreceiveyn	Has your household received any IN-KIND payments from any other households as a gift with no expectation of repayment (including from family members who are working or living away from home) in the past 12 months?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
T.6	t_ikreceivenum	What is the total value in in-kind transfers that your household has receive?	(integer)	
T.7	t_ikgiveyn	Has your household given any IN-KIND payment to any other households as a gift with no expectation of repayment (including from family members who are working or living away from home) in the past 12 months?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
T.8	t_ikgivenum	What is the total value in in-kind transfers that your household has given?	(integer)	

SECTION U. ASSISTANCE

I want to now ask you about any kind of cash, food, in-kind, or other assistance you or members of your household have received in the last 12 months.

PSNP

U.1	a_psnpcash	Was any work required for the household member to receive the cash assistance through Productive Safety Net Programme (PSNP) in the last 12 months? <i>If not YES, skip to U.4</i> <i>Question only asked if S8a=Yes</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
U.2	a_psnpcashwork	Did you work on improvement of land or water resources?	0=No 1=Yes 888=Don't know 999=Preferred not to answer 97=Other	(code)
U2o	a_psnpcashwork_specify	If Yes, please specify	1 = Bush cleaning/cutting trees 2 = Fencing 3 = Road Construction 4 = Filling holes 5 = Soil conservation 6 = Water conservation 7 = Terracing 8 = Creation of land or water resources 888 = Don't Know	(code)
U.3	a_psnpfood	Did anyone in your household receive any food assistance from the Productive Safety Net Programme (PSNP) in the last 12 months ? <i>If NOT Yes, skip to U.8</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
U.4	a_psnpfoodworkyn	Was any work required for the household member to receive the food assistance through PSNP? <i>If NOT Yes, skip to U.8</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
U.5	a_psnpfoodwork	Did you work on improvement of land or water resources?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
U.5o	a_psnpfoodworko	Other, please specify	(text)	

FOOD AID

U.6	a_fahhmem	How many members of your household members received food aid in the past 12 months?	(integer)
U.7	a_famonths	How many months in the past year was food aid was received?	(integer)

EMPLOYMENT PROGRAM

U.8	a_employ	How many household members participated in an employment programme that gave food or cash for work in the past 12 months? <i>If NOT Yes, skip to U.20</i>	(integer)
U.9	a_employtype	<p>What type of work were household members involved in?</p> <p>(Select all that apply)</p> <p> 1=Work on water sources (water drilling/watershed development) 2=Bush clearing 3=Tree planting 4=Road construction 5 = PNSP Program 6 = Fencing 7 = Flood Recovery 8 = Cleaning environment 9 = Security/Security Guard 10 = Driving 11 = Government 12 = Terracing 13 = Water conservation 14 = Soil conservation 15= Management/supervisor 16= General labor 17 = Teacher 97=Other 888=Don't know 999=Refused to answer </p>	(code)
U.9o	a_employtypeo	Other, specify	(text)
U.10	a_employetb	What is the estimated value of all food and wages received (EBT)?	(integer)
U.11	a_govt	What is the approximate value of non-livestock help or aid from government agencies has your household received in the last 12 months?	(integer)
U.12	a_ngo	What is the approximate value of non-livestock help or aid from NGOs has your household received in the last 12 months?	(integer)
U.13	a_govttransfer	What is the approximate value of any rent/lease transfer payment from government agencies in the last 12 months?	(integer)
U.14	a_investortransfer	What is the approximate value of any rent/lease transfer payment from private investors in the last 12 months?	(integer)

SECTION V. ASSETS

I would now like to ask you about various assets that your HH currently owns.

V.1	assets_plough	Traditional Plough	(integer)
V.2	assets_bell	Animal bell	(integer)
V.3	assets_sickle	Sickle	(integer)
V.4	assets_pickaxe	Pick axe	(integer)
V.5	assets_axe	Axe	(integer)
V.6	assets_hoe	Hoe	(integer)
V.7	assets_spade	Spade	(integer)
V.8	assets_machete	Gille	(integer)
V.9	assets_bed	Leather/ stick bed	(integer)
V.10	assets_basin	Basin	(integer)
V.11	assets_net	Mosquito net	(integer)
V.12	assets_cell	Mobile telephone	(integer)
V.13	assets_radio	Radio	(integer)
V.14	assets_jewelry	Jewelry (beads, gold, silver)	(integer)
V.15	assets_wristwatch	Wristwatch	(integer)
V.16	assets_weapon	Spear/bow and arrow/club	(integer)
V.17	assets_hammer	Chisel/hammer	(integer)
V.18	assets_sewing supply	Thread/beads/needles	(integer)
V.19	assets_barber	Scissors/razor (barber)	(integer)
V.20	assets_motorcycle	Motorcycle	(integer)
V.21	assets_bicycle	Bicycle	(integer)
V.22	assets_sewing machine	Sewing machine	(integer)
V.23	assets_solar	Solar panel	(integer)
V.24	assets_pump	Water pump	(integer)

SECTION W. EXPENDITURES

How much did your household spend on the following items in the last 30 days? [in ETB]

W.1	exp_drinking water	Drinking Water	(integer)
W.2	exp_communication	Communication	(integer)
W.3	exp_clothing	Clothing and footwear	(integer)
W.4	exp_fuelwood	Fuelwood	(integer)
W.5	exp_charcoal	Charcoal	(integer)
W.6	exp_paraffin	Paraffin	(integer)
W.7	exp_kerosene	Kerosene	(integer)
W.8	exp_toiletries	Toiletries(soap,toothpaste,razors)	(integer)
W.9	exp_lighting	Matches, candles, lanterns, lamps,torches	(integer)

W.10	exp_chat	Chat	(integer)
W.11	exp_food	Food for household consumption	(integer)

How much did your household spend on the following items in the last 3 months? [in ETB]

W.12	exp_accessories	Personal articles (umbrella, watch, lighter, belts, etc)	(integer)
W.13	exp_medicine	Medicines, medical consultations	(integer)
W.14	exp_medtransport	Transport to and from health facilities	(integer)
W.15	exp_medtests	Laboratory and diagnostic test fees	(integer)
W.16	exp_tradhealer	Visits to traditional healers	(integer)
W.17	exp_healthother	Any other health expenditure	(integer)
W.18	exp_transport	Transport	(integer)
W.19	exp_fodder	Animal fodder (purchased fodder for cattle, camels etc)	(integer)
W.20	exp_animalfeedother	Other supplementary animal feeding	(integer)
W.21	exp_animalwater	Water for animals (that you pay for)	(integer)
W.22	exp_animaltransport	Transportation/other transaction costs for animals	(integer)

How much did your household spend on the following items in the last 12 months? [in ETB]

W.23	exp_kitchen	kitchen and cleaning supplies	(integer)
W.24	exp_school	School expenses (fees, food, clothing)	(integer)
W.25	exp_tax	Tax payments	(integer)
W.26	exp_veterinarian	Vaccinations and other veterinarian service	(integer)
W.27	exp_other	Other (Specify):	(integer)
	exp_other_specify	1=Animal food 2=Association 3=Building house 4=Holiday 5=Marriage 6=Social life 7=Water transportation 8=Weeding	(code)
W.27o	exp_otherspecify	If "Other", please specify.	(text)

SECTION X. CREDIT ACCESS

X.1	ca_credityn	Over the past 12 months, did you or anyone else in this household borrow on credit from someone outside the household or from an institution for business or farming, receiving either cash or inputs? <i>If NOT Yes, skip to X8</i>	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
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X.2	ca_creditsource	What was the source of the credit? <i>Select all that apply</i>	1=Bank 2=Local savings group (equub or iddir) 3=Government office 4=Women's group 5=Family members 6=Money lender 7=Friends/Neighbor/Individual 8=From a shop/business 97=Other	(code)
X.2o	ca_creditsourceo	Other, please specify	(text)	
X.3	ca_creditwhy	What was the main reason for obtaining the loan?	1=Purchase house / lease land 2=Business / farming 3=Purchase agricultural inputs for food crops 4=Purchase inputs for other crops 5=Business start-up capital 6=Expanding business 7=Purchase non-farm inputs 8=For children 9=Health/Medical 97=Other 888=Don't Know 999=Prefer not to answer	(code)
X.3o	ca_creditwhy	Other, please specify	(text)	
X.4	ca_creditconditions	Were there any conditions required to obtain the loan?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
X.5	ca_proofown	Did you provide proof of land ownership to obtain the loan?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
X.6	ca_creditrepaid	Has the loan been repaid?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)
X.7	ca_amountpaid	How much was paid (or is expected to be paid) in total when the loan is paid off?	(integer)	
X.8	ca_creditdeclined	During the last 12 months, did anyone in the household try to borrow from someone outside the household or from an institution and were turned down?	0=No 1=Yes 888=Don't know 999=Preferred not to answer	(code)

SECTION Y. DAILY FOOD CONSUMPTION FOR RESPONDENT

INTERVIEWER:

Emphasize that this consumption information is only for the household respondent answering this survey.

Member ID	Have you consumed [FOOD] during the <u>past 24 hours</u> ? 0=No 1=Yes 888=Don't Know
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			999= Prefer not to respond If No, skip to next row
Y.1	fc_cereals	Cereals (maize, wheat, rice, sorghum, millet, pasta, bread, teff/ enjera etc.)	
Y.2	fc_tubers	Roots and tubers (Potatoes, sweet potatoes, cassava, arrow roots, yams)	
Y.3	fc_legumesnuts	Pulses, legumes, nuts (dried beans, other pulses, nuts/seeds)	
Y.4	fc_eggs	Eggs	
Y.5	fc_milk	Milk and milk products (fresh milk, powdered milk, soured milk)	
Y.6	fc_meat	Meat, poultry, offal (goat/sheep meat, chicken, camel meat, beef, bush meat, pork, blood)	
Y.7	fc_fish	Fish (fresh fish, dried fish)	
Y.8	fc_oil	Oils/fats (cooking oil, cooking fat)	
Y.9	fc_sugar	Sugar	
Y.10	fc_spice	Salt, spices (salt, spices)	
Y.11	fc_vegetable	Vegetables (kale, white cabbage, tomatoes, tomato paste, onions, pepper, lettuce)	
Y.12	fc_fruit	Fruits (banana, cooking bananas, lemon, mango, melon, etc.)	
Y.13	fc_drink	Drinks (tea leaves, coffee, other non-alcoholic drinks, beers, wines, home-brew)	
Y.14	fc_other	Other (meals eaten out, ceremonial meals/feasts, biscuits, cigarettes, loose tobacco, chat (jima))	
Y.15	fc_wildfood	Wild food (nuts/seeds, roots/flour, fruit/berry, leaf/flower)	

SECTION Z. GEOPPOINT, LANDMARKS, CONCLUSION

Thank you for your participation. This concludes our survey.

Z.1a	geopoint	GPS Coordinates : Latitude	(integer)
Z.1b	geopoint	GPS Coordinates : Longitude	(integer)
Z.2	landmarks	Enumerator, please record any basic identifying landmarks	(text)
Z.3	surveystatus	Please select the correct survey status from the list If 4, ask Z.4 1=Complete 2=Incomplete, come back 3=Incomplete, cannot finish 4=Incomplete, refused partway 5=Refused to participate	(code)
Z.4	incomplete	Did the respondent consent for their collected information to be included? 0=No 1=Yes	(code)
Z.5	wifesurvey	Will this household also complete a wife survey? If Yes, answer Z.5. 0=No 1=Yes	(code)
Z.6	wifename	If yes, what is the name of the wife completing the survey?	(text)
Z.7	reliable	On a scale of 1-5 where five is very reliable, how reliable was this respondent?	(integer)
Z.8	comments	Any additional comments?	(text)