QUESTIONNAIRE FOR HOUSEHOLDS

1. IDENTIFIERS

ENUMERATOR		
1.1.	Enumerator name	
1.2.	Date of interview (to be filled after the interview being completed)	Month Day
1.3.	Enumerator signature	
TEAM LEADER		
1.4.	Team Leader name	
1.5.	Date of Team Leader's verification and confirmation	Month Day
1.6.	Team Leader's signature	
SURVEY SUPERVISOR/ CODER		
1.7.	Survey Supervisor name	
1.8.	Survey Supervisor's verification and confirmation	Month Day
1.9.	Number of photos received by Survey Supervisor	
1.10.	Survey Supervisor signature	
DATA ENTRY OPERATOR # 1		
1.11.	1st Data Entry Operator name	
1.12.	1st Data Entry date	Month Day
1.13.	1st Data Entry Operator signature	
DATA ENTRY OPERATOR # 2		
1.14.	2nd Data Entry Operator name	
1.15.	2nd Data Entry date	Month Day
1.16.	2nd Data Entry Operator signature	
DATABASE SUPERVISOR		
1.17.	Database Supervisor name	
1.18.	Database Supervisor's verification and confirmation date	Month Day
1.19.	Database Supervisor signature	

Implementer: **MEC LLC, MCDS LLC**
Unit 511, Chingis Avenue 21
14240 Ulaanbaatar
Tel: 11-319672

2. QUALITY CONTROL SHEET

SURVEY RECORDS					
#	**VISITS**				
2.1.	**1st VISIT**				**Sup**
2.1.1.	**Date**		**Month**	**Day**	
		Responses options	**Response**	**Code**	
		Interview completed	1		
2.1.2.	**OUTCOME**	Interview in-complete (but agrees to continue interview at later date)	2		
		Partially complete (refused partway through)	3		
		Interview refused (complete below to clarify cause of refusal)	4		
2.2.	**2nd VISIT**				**Sup**
2.2.1.	**Date**		**Month**	**Day**	
		Responses options	**Response**	**Code**	
		Interview completed	1		
2.2.2.	**OUTCOME**	Interview in-complete (but agrees to continue interview at later date)	2		
		Partially complete (refused partway through)	3		
		Interview refused (complete below to clarify cause of refusal)	4		
2.3.	**3rd VISIT**				**Sup**
2.3.1.	**Date**		**Month**	**Day**	
		Responses options	**Response**	**Code**	
		Interview completed	1		
2.3.2.	**OUTCOME**	Interview in-complete (but agrees to continue interview at later date)	2		
		Partially complete (refused partway through)	3		
		Interview refused (complete below to clarify cause of refusal)	4		

CLARIFICATION

Please clarify why the interview was refused on the 1st visit

Please clarify why the interview was refused on the 2nd visit

Please clarify why the questionnaire was refused on the 3rd visit

Please clarify why the questionnaire is incomplete after the 1st visit

Please clarify why the questionnaire is incomplete after the 2nd visit

Please clarify why the questionnaire is incomplete after the 3rd visit

2.4.	**Total number of questions the respondent refused to answer**	
2.4.1.	Refused Question number	
2.4.2.	Refused Question number	
2.4.3.	Refused Question number	
2.4.4.	Refused Question number	
2.4.5.	Refused Question number	

TO BE COMPLETED AFTER TEAM LEADER VALIDATION		
2.5.	**Total number of refused questions being validated**	
2.6.	**Total number of questions with missing, incorrect values**	
2.6.1.	Of which:	**Total number of questions re-filled, corrected, resolved**	
2.6.2.		**Total number of questions not re-filled, resolved**	

TO BE COMPLETED AFTER SURVEY SUPERVISOR VALIDATION		
2.7.	**Total number of refused questions being validated**	
2.8.	**Total number of questions with missing, incorrect values**	
2.8.1.	Of which:	**Total number of questions re-filled, corrected, resolved**	
2.8.2.		**Total number of questions not re-filled, resolved**	

TO BE COMPLETED AFTER DATABASE SUPERVISOR VALIDATION		
2.9.	**Total number of refused questions being validated**	
2.10.	**Total number of questions with missing, incorrect values**	
2.10.1.	Of which:	**Total number of questions re-filled, corrected, resolved**	
2.10.2.		**Total number of questions not re-filled, resolved**	

SPECIAL NOTE # 1

Note taken by (name)	
Note	

INTRODUCTION

Hello, my name is [*list your name*] from MEC and MCDS, two survey firms. I am working on a project that is being implemented by the Ministry of Food, Agriculture and Light Industry and the Millennium Challenge Account, or MCA, with support from Innovations for Poverty Action, or IPA. We are trying to learn about the effectiveness of the Peri-Urban Rangeland Project in [*name of location*]. You have been invited to be a participant in this study. Your participation will assist us greatly and be highly appreciated.

If you agree to participate in this study, we will ask you questions about issues related to the project and about rangeland, livestock, your livelihood, your household and your household members. The questions should take about [*length of survey*] to answer.

Would you be willing to participate in this survey? (Surveyor must mark a "yes" or "no" even if the consent is done verbally)

_____   _____
Yes   No (End Interview)

Before we start, I will quickly describe your involvement in this study. Participation in this study is completely voluntary. You may refuse to answer any of the questions and you may stop me at any time to ask questions or to end the interview completely. Also, your participation in this study will be confidential. Your name and any other identifying information will be accessible only to the employees of the company conducting the survey and researchers working with the data. For example, your name or any information that could be used to identify you will never appear in any reports or publications. We will also incentivize you by cellphone unit equals to MNT 2,500.

Do you understand these conditions and are you still willing to participate? (Surveyor must mark a "yes" or "no" even if the consent is done verbally)

_____   _____
Yes   No (End Interview)

_____
Name of Respondent

_____   _____
Signature of Respondent (if present)   Date

_____   _____
Signature of Investigator   Date

You may contact the research organization at the phone number below with any problems or questions you may have. We will be leaving a copy of this consent form with you.

  For concerns after the interview, please contact Innovations for Poverty Action at **9500-6365**.

3. BASIC INFORMATION

#	CHECK/QUESTIONS											Code	Sup
3.1.	Date, time of interview			Month			Day			Hour			Min				
3.2.	Aimag												
3.3.	Soum												
3.4.	Bag												
3.5.	Name of area												
3.6.	Herder group name												
3.7.	Herder group ID (from PIU)												
3.8.	Household head last name												
3.9.	Household head first name												
3.10.	Respondent last name												
3.11.	Respondent first name												
3.12.	Respondent Tel No												
3.9.1	Respondent Tel No 2												
3.13.	Household Register No (from MEC)												
3.14.	GPS coordinates (North)	N			°		.		'				
3.15.	GPS coordinates (East)	E	1 0	°		.		'					

3.16.	Household status	Response options	Response	Code	Sup
		Project household	1		
		Non-project household	2	**If "1">Q3.17, "2", >Q3.18, "a", "b">Q.3.19**	
		Don't know	a		
		Refused	b		

3.17.	QUESTION	Yes	No	DNK	Refused	Code	Sup
	Is your household the leader of the herder group?	1	2	a	b		
		If "2", "a", "b" kip to Q3.18					

3.18.	QUESTION	Yes	No	DNK	Refused	Code	Sup
	Are there MCA-M PURP project households within 2 km of any of your camps?	1	2	a	b		

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
3.19.	Did your household apply for MCA-M's "Peri-Urban Rangeland Project?"	1	2	a	b		

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
3.20.	Is your household a member of any herder group formed outside of the MCA-M "Peri-Urban Rangeland Project?"	1	2	a	b		

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
3.21.	Was your household officially registered in this soum 1 year ago?	1	2	a	b		

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
3.22.	Was your household officially registered in this soum 5 years ago?	1	2	a	b		

SPECIAL NOTE # 2

Note taken by (name)																			

Before starting the interview, allow me to explain who will be included in your household members. Household is one or a group of people who have one income and a common expenditure for basic consumer goods, such as food. Household members include children who are currently studying somewhere else, as well as others who are working elsewhere.

4. HOUSEHOLD BACKGROUND INFORMATION

QUESTIONS			Number			Sup
4.1.	How many people currently belong to your household? *(ATTENTION: Use the instruction manual when asking about household and household member information.)*					
4.1.1.	Of which:	How many members of your household are over the age of 18?				
4.1.2.		How many members of your household are under the age of 18?				

	What is the sex of the household head?		Response	Code	Sup
4.2.	Response options	Male	1		
		Female	2		
		Don't Know	a		
		Refused	b		

4.3.	In what type of housing does your household live?		Warm season				Code	Cold season				Code	Sup
			Yes	No	DNK	Refused		Yes	No	DNK	Refused		
4.3.1.	Housing type	Ger with hashaa	1	2	a	b		1	2	a	b		
4.3.2.		Summer house	1	2	a	b		1	2	a	b		
4.3.3.		Winter house	1	2	a	b		1	2	a	b		
4.3.4.		Appartment	1	2	a	b		1	2	a	b		
4.3.5.		Private luxury house	1	2	a	b		1	2	a	b		
4.3.6.		Other	1	2	a	b		1	2	a	b		

4.4.	Does your household own the following properties, and how many? *(if nothing note as "0")*		Number		Sup
4.4.1.	Housing type	Land under housing *(number of certificates)*			
4.4.2.		Summer house			
4.4.3.		Winter house			
4.4.4.		Appartment			
4.4.5.		Private luxury house			
4.4.6.		Other			

4.5.	Does your household own a ger and/or the following home appliances, and how many? *(if nothing note as "0")*		Number		Sup
4.5.1.	Household appliances	Ger with 4 walls			
4.5.2.		Ger with 5 walls			
4.5.3.		Ger with 6 or more walls			
4.5.4.		Refrigerator, freezer			
4.5.5.		Washing machine			
4.5.6.		Electrical stove			
4.5.7.		Gas stove *(portable)*			
4.5.8.		Wind power generator			
4.5.9.		Solar panel *(power generator)*			
4.5.10.		Small size generator *(gasoline power generator)*			
4.5.11.		Dish antenna set			
4.5.12.		TV set			
4.5.13.		Cell phone			
4.5.14.		Radio			
4.5.15.		Computer			
4.5.16.		Other			

4.6.	Does your household have any of the following transportaion vehicles, and how many? *(if nothing note as "0")*		Number		Sup
4.6.1.	Transportation Vehicles	Bicycle			
4.6.2.		Motocycle			
4.6.3.		Passenger car			
4.6.4.		Truck *(with all type back load)*			
4.6.5.		Car with 8 or more seats *("Furgon", minibus, bus)*			
4.6.6.		Tractor			
4.6.7.		Carriage *(drawn by draught animal)*			
4.6.8.		Other			

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
4.7.	Does your household have milk cooling / storing purpose facilities?	1	2	a	b		
		If "2", "a", "b">Q4.9					

#	Question	Liter	Sup
4.8.	If so, what is the capacity *(in liters)* of your household milk cooling / storing capacity?		

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
4.9.	Does your household have a creamer / butter making machine?	1	2	a	b		

INSERT CLARIFICATION FOR QUESTION 4.3, 4.4, 4.5, 4.6

Other 4.3.6warm	
Other 4.3.6cold	
Other 4.4.6	
Other 4.5.16	
Other 4.6.8	

5. HOUSEHOLD EXPENDITURES

5.1.	Did your household buy any of the following?	Amount Spent in last 30 days (MNT)		Sup
5.1.1.	**Regular food expenditures from vendors/markets (meat,milk, flour, rice, sugar, potato, sweets, fruits, vegetables, etc.) and Other food expenditures (tea, salt, oil, etc.)** *(if nothing note as "0")*			

5.2.	Did your household buy any of the following goods or services? *(if nothing note as "0")*		Last 30 days total (MNT)		Sup
5.2.1.		Vodka, wine, cigarettes *(Excluding consumption during Tsagaan sar, wedding and naadam)*			
5.2.2.		Cost for water consumption *(household and and livestock consumption)*			
5.2.3.		Shoes and clothing, textiles *(all types)*			
5.2.4.		Public transport and total fuel expenditures *(for domesticuses and transportion)*			
5.2.5.		Gifts and transfers of money *(to individuals within or outside the household)*			
5.2.6.		Mobile phone service			
5.2.7.		Electricity *(for household and livestock consumption)*			
5.2.8.		Wood and Coal *(includes heating purpose)*			
5.2.9.		Medicine and medical treatment			
5.2.10.		Loan payment *(includes payment of the principal and interest)*			
5.2.11.		Renting of immovable properties *(except livestock infrastructure renting such as renting of animal shelter)*			
5.2.12.		Other domestic goods *(school supplies, cosmetics, subscription of newspaper and journal, toiletry items etc.)*			

INSERT CLARIFICATION FOR QUESTION 5.2

Other 5.2.12	

HOUSEHOLD EXPENDITURES (CONTINUED)

#	EXPENDITURE		Last 12 months total price (MNT)	Sup
5.3.	**IRREGULAR EXPENDITURES IN THE LAST 12 MONTHS** *(including new purchases and maintenance costs)*			
5.3.1.	**Immovable assets** (new purchases and maintenance costs)	Land		
5.3.2.		Summer housing		
5.3.3.		Winter housing		
5.3.4.		Apartment		
5.3.5.		Private luxury house		
5.3.6.		Other *(please describe below)*		
5.3.7.	**Ger and home appliances** (new purchases and maintenance costs)	Mongolian ger		
5.3.8.		Household Appliances: Refrigerator, freezer		
5.3.9.		Household Appliances: Washing machine		
5.3.10.		Household Appliances: Electrical stove		
5.3.11.		Household Appliances: Gas stove		
5.3.12.		Generators: Wind power generator		
5.3.13.		Generators: Solar panel		
5.3.14.		Generators: Small size generator *(gasoline power generator)*		
5.3.15.		Electronic Appliances: Radio		
5.3.16.		Electronic Appliances: TV and Dish antenna set		
5.3.17.		Electronic Appliances: Cell phones		
5.3.18.		Electronic Appliances: Computer *(desktop or notebook)*		
5.3.19.		Other *(please describe below)*		
5.3.20.	**Transportation vehicles** (new purchases and maintenance costs)	Bicycle		
5.3.21.		Motorized vehicle *(Motorbike, Passenger car, Truck, etc.)*		
5.3.22.		Tractor		
5.3.23.		Carriage *(drawn by draught animal)*		
5.3.24.		Other *(please describe below)*		
5.3.25.	**Other**	Schooling fees		
5.3.26.		Celebrations *(Tsagaan Sar, weddings, funerals, etc.)*		
5.3.27.		Other expenses *(please describe below)*		

INSERT CLARIFICATION FOR QUESTION 5.3

Other 5.3.6	
Other 5.3.19	
Other 5.3.24	
Other 5.3.27	

6. HOUSEHOLD INCOME

6.1.		Sources of income	Over last calendar month (MNT)	Over last 12 months (MNT)	Sup
6.1.1.	**Regular income**	Monthly wage, salary or similar income			
6.1.2.		Monthly pension benefits (*pension for the elderly*)			
6.1.3.		Monthly welfare support (*unemployment, child support, disability, etc.*)			
6.1.4.	**Irregular income**	Non regular wages			
6.1.5.		Profit from private business activities (*excluding agriculture*)			
6.1.6.		Income from monthly rent (*Ask if the respondent answered Yes to any of question 4.4*)			
6.1.7.		Money transfer from others (*including transfers from household and non-household members*)			
6.1.8.		Interest from savings accounts			
6.1.9.		Human Development Fund (*21.000 MNT, and other*)			
6.1.10.		Other income			

INSERT CLARIFICATION FOR QUESTION # 6.1 HERE

Other 6.1.10

7. HOUSEHOLD LOANS AND RECEIVABLES

	QUESTION	Yes	No	DNK	Refused	Code	Sup
7.1.	**Has your household obtained any loans greater than 500,000 MNT in the last 5 years?** (*includes both outstanding loans and loans that have been paid in full*)	1	2	a	b		
		"2, a,b" >Q8.1					

QUESTION		Number	Total MNT		Sup
7.2.	**If so, please specify the number and the amount in MNT?**				

7.3.	**Loans** (*start with the most recent loan*)	Principle amount (MNT)	Sources of loan (*Refer to table 1 below for code*)	Status of payment (*Refer to table 2 below for code*)		Sup
7.3.1.	**1st loan**					
7.3.2.	**2nd loan**					
7.3.3.	**3th loan**					
7.3.4.	**4th loan**					
7.3.5.	**5th loan**					
7.3.6.	**6th loan**					
7.3.7.	**7th loan**					
7.3.8.	**8th loan**					
7.3.9.	**9th loan**					
7.3.10.	**10th loan**					

Table1

#	Sources of loan	Code
1	Bank	1
2	Non-Bank Financial Institutions	2
3	SCCs	3
4	Pawn shop	4
5	Company	5
6	Donor Organization	6
7	Individual	7
8	Do not know	a
9	Refused	b

Table2

#	Status of payment	Code
1	Paid off	1
2	Outstanding	2
3	In Default	3
4	Do not know	a
5	Refused	b

8. SUPPORTAND ASSISTANCE RECEIVED FROM OTHERS

8.1.	**Has your household received support and assistance from anyone in the last 12 months?** *(please check the appropriate boxes if the household has received any of the assistance)*		Yes	No	DNK	Refused	If "1"	Govern-ment	Donor Organiz-ation	Family member	Not a family member	Other	DNK		Code	Sup
8.1.1.	**Type of support and assistance**	Cash	1	2	a	b										
8.1.2.		In-kind livestock	1	2	a	b										
8.1.3.		In-kind livestock hay/forage	1	2	a	b										
8.1.4.		In-kind consumption goods including food	1	2	a	b										
8.1.5.		Education /training *(free of charge)*	1	2	a	b										

INSERT CLARIFICATION FOR SECTION # 8 HERE

Other 8 please clarify other sources of support and assistance here																		

9. HOUSEHOLD LIVESTOCK NUMBER, REVENUE AND EXPENDITURE, VETERINARIAN SERVICES

Instruction for enumerator: Estimate the number of livestock in case respondent doesn't know the exact number

9.1.	Has your household owned any livestock at any time since 1 Jan, 2012? *(If "1">Q9.2, if "2", "a", "b", ask only Q9.7.8-9.7.14 and Q10.1-10.14, and skip to Section 14)*	**Yes**	**No**	**DNK**	**Refused**	**Code**	**Sup**
		1	**2**	**a**	**b**		

9.2.	Have your household members actively herded your livestock at any time since 1 Jan., 2012? *(if "1" "a", "b">Q9.4, if "2">Q9.3)*	**Yes**	**No**	**DNK**	**Refused**	**Code**	**Sup**
		1	**2**	**a**	**b**		

9.3.	Who herds your livestock?	**Options**	**Responce**	**Code**	**Sup**
		Hired herder	**1**		
		Relatives	**2**		
		Other (specify)	**3**		
		Don't know	**a**		
		Refused	**b**		

9.4.	Type	The number as of 1 Jan., 2012	Increases			Decreases						As of now
			Newborn	**Purchased**	**Received as a gift**	**Sold**	**Stolen or Lost**	**Consumed as food**	**Natural disaster**	**Illness**	**Given as a gift**	
9.4.1.	Camel											
9.4.2.	Horse											
9.4.3.	Cattle											
9.4.4.	Sheep											
9.4.5.	Goat											

9.5.	How many livestock has your household sold and how much money has been earned since 1 Jan., 2012 *(Crosscheck with table 9.4 above)*	**Number copy from above)**	**MNT**	**Sup**
9.5.1.	Camel			
9.5.2.	Horse			
9.5.3.	Cattle (Type)			
9.5.4.	Sheep			
9.5.5.	Goat			

9.6.	Type	Death due to livestock diseases (Cross check with illness above)						
		Anthrax	**Rabies**	**Aphthae**	**Other**	**Don't know** *(Fill out using the number of livestock lost to unknown illness or cause)*		**Sup**
9.6.1.	Camel							
9.6.2.	Horse							
9.6.3.	Cattle							
9.6.4.	Sheep							
9.6.5.	Goat							

INSERT CLARIFICATION FOR QUESTION 9.3, 9.6 HERE

Other 9.3	
Other 9.6.1	
Other 9.6.2	
Other 9.6.3	
Other 9.6.4	
Other 9.6.5	

HOUSEHOLD LIVESTOCK NUMBER, REVENUE AND EXPENDITURES, VETERINARY SERVICES (CONTINUED)

9.7.	Home grown agriculture products (consumed and sold) in the last 12 months *(if household did not produce, note as "0")*		Domestic household consumption *(units)*	Sold *(units)*	Total amount earned in last 12 months *(MNT)*	Sup
9.7.1.		Cashmere *(kg)*				
9.7.2.		Wool *(kg)*				
9.7.3.		Skin of sheep/goat *(pieces)*				
9.7.4.		Skin of cow/horse/camel *(pieces)*				
9.7.5.		Cow milk *(liters)*				
9.7.6.		Sheep/goat milk *(liters)*				
9.7.7.		Fermented Mare milk *(liters)*				
9.7.8.		Pork *(kg)*				
9.7.9.		Poultry *(kg)*				
9.7.10.		Egg *(pieces)*				
9.7.11.		Honey *(kg)*				
9.7.12.		Potato *(kg)*				
9.7.13.		Vegetables *(kg)*				
9.7.14.		Other				
9.8.	**How much your household has spent for your livestock in the last 12 months?** *(if nothing note as "0")*		MNT			Sup
9.8.1.		Buying livestock				
9.8.2.		Livestock insemination cost				
9.8.3.		Veterinary treatment service cost				
9.8.4.		Vaccination cost				
9.8.5.		Livestock insurance				
9.8.6.		Livestock tax				
9.8.7.	**Choice**	Paid worker fee				
9.8.8.		Existing fence, shelter repair				
9.8.9.		Building of new fence and shelter				
9.8.10.		Well use fee				
9.8.11.		Rent *(pastureland, winter, spring camp, etc)*				
9.8.12.		Salt				
9.8.13.		Other				

INSERT CLARIFICATION FOR QUESTION 9.7, 9.8 HERE

Other 9.7.14	
Other 9.8.13	

HOUSEHOLD LIVESTOCK NUMBER, REVENUE AND EXPENDITURES, VETERINARY SERVICES (CONTINUED)

#	QUESTION		Yes	No	DNK	Refused		Code	Sup
9.9.	Do you have an arrangement to receive regular services from a veterinarian?		1	2	a	b			
#	QUESTION		Yes	No	DNK	Refused		Code	Sup
9.10.	Did you have any of your livestock vaccinated during last 12 months to prevent from livestock infectious diseases?		1	2	a	b			
					If "2", "a","b">Q9.13				
9.11.	If so, what type of vaccinations?		Yes	No	DNK	Refused		Code	Sup
9.11.1.	**Highly infectious**	Anthrax	1	2	a	b			
9.11.2.		Rabies	1	2	a	b			
9.11.3.		Aphthae	1	2	a	b			
9.11.4.		Other	1	2	a	b			
9.11.5.	**Infectious**	Pasteurella multocida infection	1	2	a	b			
9.11.6.		Clostridium perftingensinfection	1	2	a	b			
9.11.7.		Brucellosis	1	2	a	b			
9.11.8.		Tubumercul	1	2	a	b			
9.11.9.		Diphtheria	1	2	a	b			
9.11.10.		Gripp equorum	1	2	a	b			
9.11.11.		Clostridium	1	2	a	b			
9.11.12.		Mycoplasma	1	2	a	b			
9.11.13.		Other	1	2	a	b			
#	QUESTION		Yes	No	DNK	Refused		Code	Sup
9.12.	Did you treat any of your livestock for parasites in the last 12 months?		1	2	a	b			
					If "2", "a","b">Q10.1				
9.13.	If so, for which parasites?		Yes	No	DNK	Refused		Code	Sup
9.13.1.	**Parasites**	Scabies, Acari *(Creolinum)*	1	2	a	b			
9.13.2.		Parasitic worms/helminthes *(Ivomec)*	1	2	a	b			
9.13.3.		Other	1	2	a	b			

INSERT CLARIFICATION FOR QUESTION 9.11, 9.13 HERE

Other 9.11.4																
Other 9.11.13																
Other 9.13.3																

10. LIVESTOCK FORAGE

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
10.1.	Does your household have access to a hay making area?	1	2	a	b		
				If "2", "a", "b">Q10.9			

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
10.2.	If yes, has your household obtained soum governor's land usage permission to possess the hay making area?	1	2	a	b		

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
10.3.	Did your household produce hay yourself in 2012?	1	2	a	b		
				If "2", "a", "b">Q10.9			

#	Question		Sup
10.4.	If yes, from how many hectares did your household produce hay in 2012?		
10.5.	If yes, how many kilograms of hay did your household produce in 2012?		

10.6.	How much did your household spend on hay production in 2012?	MNT	Sup

10.7.	Did you produce excess hay beyond your own livestock consumption needs? *(in 2011)*	Yes	No	DNK	Refused	Code	Sup
		1	2	a	b		
		If "2", "a", "b">Q10.9					

10.8.	If yes, what did you do with excess hay? *(in 2011)*	Yes	No	Number	Code	Sup
10.8.1.	Sold excess hay *(MNT)*	1	2			
10.8.2.	Gave to others *(kilograms)*	1	2			
10.8.3.	Stored it *(kilograms)*	1	2			
10.8.4.	Other	1	2			

10.9.	Did your household purchase hay in last 12 months?	Yes	No	DNK	Refused	Code	Sup
		1	2	a	b		
		If "2", "a", "b">Q10.11					

10.10.	If yes, specify total volume (kilograms) and total amount spent in MNT ?	Kilograms	MNT	Sup

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
10.11.	Does your household have access to an area for growing forage plants?	1	2	a	b		
				If "2", "a", "b">Q10.15			

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
10.12.	If yes, has your household obtained soum governor's land usage permission to possess the area where forage plants are grown?	1	2	a	b		

10.13.	Which of the following forage crops does your household grow? How much forage does your household make in a year? *(In 2012)*		Yes	No	Size of area (ha)	Amount (kg)	Code	Sup
10.13.1.	Type of forage plants	Alfalfa	1	2				
10.13.2.		Corn	1	2				
10.13.3.		Green forage	1	2				
10.13.4.		Sunflower	1	2				
10.13.5.		Oat	1	2				
10.13.6.		Rye	1	2				
10.13.7.		Wheat	1	2				
10.13.8.		Barley	1	2				
10.13.9.		Other	1	2				

10.14.	How much did your household spend on forage production in 2012?	MNT	Sup

10.15.	How many kilograms of the following forage did you purchase? What was the total amount spent in MNT?		Yes	No	Units Purchased (kg)	Total Amount Spent (MNT)	Code	Sup
10.15.1.	Forage type	Fibre	1	2				
10.15.2.		Rye	1	2				
10.15.3.		Wheat	1	2				
10.15.4.		Combi-forage	1	2				
10.15.5.		Khorgoljin	1	2				
10.15.6.		Oat	1	2				
10.15.7.		Salt	1	2				
10.15.8.		Other	1	2				

INSERT CLARIFICATION FOR QUESTION 10.8, 10.13, 10.15 HERE

Other 10.8.4	
Other 10.13.9	
Other 10.15.8	

LIVESTOCK FORAGE (CONTINUED)

10.16. #	Did your household give hay and/or fodder to your livestock in last 12 months? If yes, which months? *(Please insert "√" in the appropriate field.)*	Yes	No	DNK	Refused	Month													Code	Sup
						2011	2012													
						12	1	2	3	4	5	6	7	8	9	10	11		
10.16.1.	Camel	1	2	a	b														
10.16.2.	Horse	1	2	a	b														
10.16.3.	Cattle	1	2	a	b														
10.16.4.	Sheep	1	2	a	b														
10.16.5.	Goat	1	2	a	b														

#	Question		Sup
10.17.	How many days in the last 12 months did you feed all of yours cows with hay alone? *(if none note as "0")*		
10.18.	If necessary, how many days will you be able to feed all of your cows on hay alone this winter? *(if none note as "0")*		

11. HOUSEHOLD CATTLE

		Yes	No	DNK	Refused		Code	Sup
11.1.	**Do you have the bull?**	1	2	a	b			
					"2", "a", "b" > Q 11.4			

			Number		Sup
11.2.	**If yes, how many?**				

			Number		Sup
11.3.	**Breed of bull**				
11.3.1.		Mongolian			
11.3.2.		Alatau			
11.3.3.		Simental (Shar tarlan)			
11.3.4.	**Choice**	Khar tarlan			
11.3.5.		Talyn ulaan			
11.3.6.		Selenge			
11.3.7.		Other			

11.4.	**How many male calves were born in the last 12 months?**				
11.5.	**How many byaruu** (*two year old male cattle*) **did you castrate in last 12 months?**			**If "0"> Q 11.7**	

		Yes	No	Code	Sup
11.6.	**What are the main reasons for castration?** (*Do not read choices. Mark "No" for everything if respondent did not provide any answers*)				
11.6.1.	To control the number and quality of bulls	1	2		
11.6.2.	To prepare male cattle for meat production	1	2		
11.6.3.	**Choice** To prevent in-breeding	1	2		
11.6.4.	Other (*specify*)	1	2		

		Yes	No	DNK	Refused		Code	Sup
11.7.	**Do you have milking cows ?**	1	2	a	b			
					If "2", "a", "b" > Section 13			

			Number		Sup
11.8.	**If yes, how many?**				

			Number		Sup
11.9.	**Breed of milking cow**				
11.9.1.		Mongolian			
11.9.2.		Alatau			
11.9.3.		Simental (Shar tarlan)			
11.9.4.	**Choice**	Khar tarlan			
11.9.5.		Talyn ulaan			
11.9.6.		Selenge			
11.9.7.		Other			

		Number		Sup
11.10.	**How many cows did you milk between May and September, 2012?**			
11.11.	**How many cows were you milking at the end of April, 2012?**			
11.12.	**How many cows did you milk in November, 2012?**			
11.13.	**How many cows were you milking at the end of November, 2012?**			

		Days		Sup
11.14.	**How many days in the last 12 months did you milk the cows?** (*Remember to include the final days of last winter's milking that fell in 2012*)			

		Yes	No	DNK	Refused		Code	Sup
11.15.	**Does your household have any cows that you choose to calve in winter?** (*This does not include cows that calved in winter just because of uncontrolled late breeding*)	1	2	a	b			
					If "2, b">Section 12			

		Yes	No	Code	Sup
11.16.	**Why did you choose to do winter calving?** (*Do not read choices. Mark "No" for everything if respondent did not provide any answers*)				
11.16.1.	More even income throughout the year	1	2		
11.16.2.	Higher milk price in winter	1	2		
11.16.3.	Other, please specify	1	2		

		Month		Year		Sup
11.17.	**When did you first begin winter calving?** (*what year and month was the first calf born in winter?*)					

		Yes	No	Code	Sup
11.18.	**What made it possible to do winter calving?** (*Do not read choices. Mark "No" for everything if respondent did not provide any answers*)				
11.18.1.	Increased availability of preserved fodder supply	1	2		
11.18.2.	Improved access to animal shelters	1	2		
11.18.3.	**Choices** Improved access to water supplies	1	2		
11.18.4.	Increasesd availability of planned fertilization techniques	1	2		
11.18.5.	Other (specify)	1	2		

INSERT CLARIFICATION FOR QUESTION 11.3, 11.6, 11.9, 11.12 HERE

Question 11.3.7	
Question 11.6.4	

Question 11.9.7	
Question 11.16.3	
Question 11.18.5	

12. HOUSEHOLD MILKING COWS (LAST 12 MONTHS)

12.1.	Cow name/ ID		Highest producing cow		Lowest producing cow		Average producing cow		Sup
			Response	Code	Response	Code	Response	Code	Sup
12.1.1.	Breeding	Mongolian	1		1		1		
12.1.2.		Alatau	2		2		2		
12.1.3.		Simental (Shar tarlan)	3		3		3		
12.1.4.		Khar tarlan	4		4		4		
12.1.5.		Talyn ulaan	5		5		5		
12.1.6.		Selenge	6		6		6		
12.1.7.		Other	7		7		7		
12.1.8.		Don't know	a		a		a		
12.1.9.		Refused	b		b		b		
#	QUESTION		Number		Number		Number		Sup
12.2.	Age								
12.3.	Litres of milk in last week?								
12.4.	The highest litres of milk per day, Oct 2011-Apr 2012								
12.5.	The lowest litres of milk per day, Oct 2011-Apr 2012								
12.6.	How many days was cow milked, Oct 2011-Apr 2012?								
12.7.	The highest litres of milk per day, May-Sep 2012								
12.8.	The lowest litres of milk per day, May-Sep 2012								
12.9.	How many days was cow milked, May-Sep 2012?								
12.10.	What method of breeding was used?		Response	Code	Response	Code	Response	Code	Sup
12.10.1.		Mongolian bull	1		1		1		
		Special breed bull (any non-Mongolian)	2		2		2		
		Artificial insemination	3		3		3		
		Don't know	a		a		a		
		Refused	b		b		b		
#	QUESTION		Number		Number		Number		Sup
12.11.	How many calves has the cow had?								
#	QUESTION		Month		Month		Month		Sup
12.12.	In which month did the cow last give birth?								
12.13.	Is the cow pregnant now?		Choice	Code	Choice	Code	Choice	Code	Sup
12.13.1.		Yes	1		1		1		
		No	2		2		2		
		Don't know	a		a		a		
		Refused	b		b		b		
#	QUESTION		Number		Number		Number		Sup
12.14.	If yes, in what month was the cow inseminated?								
#	QUESTION		Number		Number		Number		Sup
12.15.	How many liters of milk does the cow produce when you decide to stop milking in non-milking season?								

INSERT CLARIFICATION FOR QUESTION 12 HERE

Other 12.1.7 high	
Other 12.1.7 low	
Other 12.1.7 average	

13. MILK STORAGE, TRANSPORTATION AND SALES PROCESS (If household didn't sell any milk, skip Section 13, except Question 13.1)

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
13.1.	Did your household sell any milk in the last 12 months?	1	2	a	b		
	If "2", "a", "b">Section 14						

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
13.2.	Did your household deliver milk to individuals in last 12 months?	1	2	a	b		
	If "2", "a", "b">Q13.6						

#	Question	Non-milking season (Oct-April)		Milking season (May-Sep)			Sup
13.3.	What was the sale price per liter when selling to individuals? *(MNT)*						
13.4.	How many liters of milk did your household deliver per day to the individual? *(Average liters)*						
13.5.	How many days in total did your household deliver milk to the individual? *(Days)*						

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
13.6.	Did your household sell milk directly to the market in last 12 months?	1	2	a	b		
	If "2", "a", "b">Q13.10						

#	QUESTION	Non-milking season (Oct-April)		Milking season (May-Sep)			Sup
13.7.	What was the sale price per liter when selling to the market? (MNT)						
13.8.	How many liters of milk did your household deliver per day to the the market? *(Average liters)*						
13.9.	How many days in total did your household deliver milk to the the market? *(Days)*						

#		What are the main problems your household faces regarding selling milk in a market? *(Do not read choices. Mark "No" for everything if respondent did not provide any answers)*	Yes	No		Code	Sup
13.10.							
13.10.1.	**Choices**	Household does not produce enough milk to sell	1	2			
13.10.2.		Lack of available market nearby	1	2			
13.10.3.		Price is too low	1	2			
13.10.4.		Transportation	1	2			
13.10.5.		Other, please specify	1	2			

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
13.11.	Did your household deliver to a centralized cooling facility in last 12 months?	1	2	a	b		
	If "2", "a", "b">Q13.15						

#	Question	Non-milking season (Oct-April)		Milking season (May-Sep)			Sup
13.12.	What was the sale price per liter when selling to the centralized cooling facility? *(MNT)*						
13.13.	How many liters of milk did your household deliver per day to the the centralized cooling facility? *(Average liters)*						
13.14.	How many days in total did your household deliver milk to the the centralized cooling facility? *(Days)*						

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
13.15.	Did your household deliver milk to a mobile collecting vehicle everyday in last 12 months?	1	2	a	b		
	If "2", "a", "b">Section 14						

#	Question	Non-milking season (Oct-April)		Milking season (May-Sep)			Sup
13.16.	What was the sale price when selling to the collecting vehicle facility? *(MNT)*						
13.17.	How many liters of milk did your household deliver per day to the collecting vehicle facility? *(Average liters)*						
13.18.	How many days in total did your household deliver milk to the the collecting vehicle facility? *(Days)*						

Other 13.10.5 _____

14. LIVESTOCK INVESTMENT

14.1.	If you have adequate resources to do so, what will you invest in during the next 5 years?	Yes	No	DNK	Refused		Total investment (MNT)		Code	Sup
14.1.1.		Building a well	1	2	a	b				
14.1.2.		Building or maintaining a shelter	1	2	a	b				
14.1.3.		Fencing pastureland area	1	2	a	b				
14.1.4.	Investment area	Cultivating forage plant	1	2	a	b				
14.1.5.		Purchasing pure and crossbred cows	1	2	a	b				
14.1.6.		Purchasing Mongolian cows	1	2	a	b				
14.1.7.		Purchasing other livestock	1	2	a	b				
14.1.8.		Other	1	2	a	b				
14.2.	In the last two years, which investments have you made?	Yes	No	DNK	Refused		Total investment (MNT)		Code	Sup
14.2.1.		Building a well	1	2	a	b				
14.2.2.		Building or maintaining a shelter	1	2	a	b				
14.2.3.		Fencing pastureland area	1	2	a	b				
14.2.4.	Investment area	Cultivating forage plant	1	2	a	b				
14.2.5.		Purchasing pure and crossbred cows	1	2	a	b				
14.2.6.		Purchasing Mongolian cows	1	2	a	b				
14.2.7.		Purchasing other livestock	1	2	a	b				
14.2.8.		Other	1	2	a	b				

INSERT CLARIFICATION FOR SECTION 14 HERE

Other 14.1.8	
Other 14.2.8	

15. MIGRATION AND CAMP SPECIFIC INFRASTRUCTURE AND PASTURELAND (*If household does not actively herd the animals they own, ask this section about the camps where their animals live*)

QUESTION									Number	Sup
15.1.	**How many times has your household moved in the last 12 month?** *(excludes moving for the purposes of changing the ger base)* *(Enter "0" if the household did not move)*									

15.2.	**Please clarify in which camps you reside in for each of the 4 seasons?**						
	Season	Winter	Spring	Summer	Autunm	
15.2.1.	Winter Camp					
15.2.2.	Spring Camp					
15.2.3.	Summer Camp					
15.2.4.	Autumn Camp					

15.3.	**Did your household obtain a land certificate to possess winter or spring camps before the beginning of 2011?**		Yes	No	DNK	Refused	Code	Sup
15.3.1.	**Type**	Separate Winter camp land	1	2	a	b		
15.3.2.		Separate Spring camp land	1	2	a	b		

#	Question	Yes	No	DNK	Refused	Code	Sup
15.4.	**Has your household participated in joint business activtivities with other households during last 12 months?**	1	2	a	b		
		If "2", "a", "b" >Q15.6					

15.5.	**If yes, what are the activities your household has been involved jointly with other households during the last 12 months?**	Sup

15.6.	**Other than the winter camp, which camp does your household spend the most time at each year?**	Camp	Code	Sup
		1 Spring		
		2 Summer		
		3 Autumn		
		4 None		

MIGRATION AND CAMP SPECIFIC INFRASTRUCTURE & PASTURELAND (CONTINUED) SEPARATE WINTER CAMP

15.7.	How far is your household's current (2012/13) winter camp located from the following points?		**Km**		**City**		**Code**	**Sup**
15.7.1.	Distance	From nearest big town *(choose Darkhan, Erdenet, or UB)*			**1** Darkhan			
15.7.2.		From points of milk, milk products cooling, processing, receiving			**2** Erdenet			
15.7.3.		From water sources			**3** UB			
15.7.4.		From a forest						

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
15.8.	Is your winter camp connected to a central electricity grid?	1	2	a	b		

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
15.9.	Does your household have mobile network service in your winter camp?	1	2	a	b		

15.10.	What are the primary water sources used for both domestic and livestock purposes in your winter camp and their distance from your camp? *(primary means as source where household intentionally obtains water)*		Yes	No	Km		Code	Sup
15.10.1.	Water sources	Deep well *(electric)*	1	2				
15.10.2.		Hand well *(manual)*	1	2				
15.10.3.		Water distribution unit	1	2				
15.10.4.		Open sources *(river, spring, etc.)*	1	2				
15.10.5.		Snow, ice	1	2				
15.10.6.		Other	1	2				

15.11.	If your household obtains water from wells, who owns the wells used?		Yes	No	DNK	Refused	Code	Sup
15.11.1.	Well ownership	The respondent's household	1	2	a	b		
15.11.2.		Own as part of a group	1	2	a	b		
15.11.3.		Other individual	1	2	a	b		
15.11.4.		Other group	1	2	a	b		
15.11.5.		Organization	1	2	a	b		
15.11.6.		Government	1	2	a	b		
15.11.7.		Other *(clarify)*	1	2	a	b		

15.12.	Do you have any type of animal shelter at your winter camp?	Yes	No	DNK	Refused	Code	Sup
		1	**2**	**a**	**b**		
		"1">Q15.13 "2, a, b">Q15.14					

15.13.	Which of the following types of animal shelter does your household have in your winter camp?		Yes	No	DNK	Refused	Number in sheep unit	Code	Sup
15.13.1.	Shelter	Open front shelter	1	2	a	b			
15.13.2.		Four walls and roof shelter	1	2	a	b			
15.13.3.		Three-sided open front shelter made of stone	1	2	a	b			
15.13.4.		Indoor shelter	1	2	a	b			
15.13.5.		Other	1	2	a	b			

#	QUESTION	Number	If "1">Q15.16	Sup
15.14.	How many households belong to your hot ail at your winter camp? *(if no other households belong to your hot ail, please mark 1)*			

15.15.	Please clarify the arrangements for herding collaboration in your hot ail		Yes	No	DNK	Refused	Code	Sup
15.15.1.	Choice	Each household herds livestock in separate herds	1	2	a	b		
15.15.2.		Each household's livestock is herded in separate herds, but by herders appointed by the hot ail	1	2	a	b		
15.15.3.		All hotail livestock are herded together in one herd by herders appointed by the hot ail	1	2	a	b		
15.15.4.		Other	1	1	a	b		

15.16.	Do you coordinate winter pastureland sharing with saahalt ail and other herders outside your hot ail?	Yes	No	DNK	Refused	Code	Sup
		1	2	a	b		
		If "2", "a", "b">Q15.18					

15.17.	If yes, how do you coordinate?		Yes	No	DNK	Refused	Code	Sup
15.17.1.	Can be multiple choice	Coordination is done through soum, bagh governors' offices	1	2	a	b		
15.17.2.		Coordination is done through informal arrangements with other herders	1	2	a	b		
15.17.3.		Other	1	2	a	b		

INSERT CLARIFICATION FOR   QUESTION 15.10, 15.11, 15.13, 15.15, 15.17 HERE

Other 15.10.6	
Other 15.11.7	
Other 15.13.5	
Other 15.15.4	
Other 15.17.3	

■   ■

MIGRATION AND CAMP SPECIFIC INFRASTRUCTURE & PASTURELAND (SEPARATE WINTER CAMP CONTINUED)

15.18.	Choice	How you would assess the pastureland quality/ grazing capacity of your winter camp?		Response	Code	Sup
		Very good		1		
		Good		2		
		Moderate (*That is,the land is supporting the maximum number of animals, and the animals on the land are able to obtain sufficient nutrition from grazing. The land can not support additional livestock*)		3	If "1","2","a","b" >Q15.20	
		Low		4		
		Very low		5		
		Don't know		a		
		Refused		b		

15.19.		**If quality was moderate, low or very low, what were the main causes?** (*Do not read choices. Mark "No" for everything if respondent did not provide any answers*)	Yes	No		Code	Sup
15.19.1.	**Causes**	Increase in livestock number in the soum	1	2			
15.19.2.		Increase of migrants to the soum	1	2			
15.19.3.		Weather change	1	2			
15.19.4.		Mining exploration	1	2			
15.19.5.		Crop farming development	1	2			
15.19.6.		Arvicolinae (*rodent infestation*)	1	2			
15.19.7.		Other	1	2			

#	QUESTION	Km	Sup
15.20.	**What is the distance between the previous camp to current (2012/13) winter camp?** (*km*)		

#	QUESTION	MNT	Sup
15.21.	**What is the cost of moving from the previous camp to your current (2012/13) winter camp?** (*MNT*)		

#	QUESTION	Day	Sup
15.22.	What was the duration of the move in days ? (*This will include the time spent for moving as well as the time spent for preparation.*)		

INSERT CLARIFICATION FOR   QUESTION 15.19 HERE

Other 15.19.7, please clarify the other causes																				

MIGRATION AND CAMP SPECIFIC INFRASTRUCTURE & PASTURELAND (CONTINUED) SECOND CAMP (IF CHOSEN IN Q15.6)

15.23.		How far is your household's 2012 second camp located from the following points?	Km	City		Code	Sup
15.23.1.	Distance	From nearest big town *(choose Darkhan or Erdenet or UB)*		**1**	**Darkhan**		
15.23.2.		From points of milk, milk products cooling, processing, receiving		**2**	**Erdenet**		
15.23.3.		From water sources		**3**	**UB**		
15.23.4.		From a forest					

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
15.24.	**Is your second camp connected to a central electricity grid?**	1	2	a	b		

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
15.25.	**Does your household have mobile network service in your second camp?**	1	2	a	b		

15.26.		What are the primary water sources used for both domestic and livestock purposes in your second camp? *(primary means as source where household intentionally obtainswater)*	Yes	No	Km		Code	Sup
15.26.1.	Water sources	Deep well *(electric)*	1	2				
15.26.2.		Hand well *(manual)*	1	2				
15.26.3.		Water distribution unit	1	2				
15.26.4.		Open sources *(river, spring, etc.)*	1	2				
15.26.5.		Snow, ice	1	2				
15.26.6.		Other	1	2				

15.27.		If your household obtained water from wells, who owns the wells used?	Yes	No	DNK	Refused	Code	Sup
15.27.1.	Well ownership	Own oneself	1	2	a	b		
15.27.2.		Own as part of a group	1	2	a	b		
15.27.3.		Other individual	1	2	a	b		
15.27.4.		Other group	1	2	a	b		
15.27.5.		Oorganization	1	2	a	b		
15.27.6.		Government	1	2	a	b		
15.27.7.		Other	1	2	a	b		

			Yes	No	DNK	Refused	Code	Sup
15.28.	**Do you have any type of animal shelter at your winter camp?**		1	2	a	b		
			"1">Q15.29 "2, a, b">Q15.30					

15.29.		Which of the following types of animal shelter does your household have in your winter camp?	Yes	No	DNK	Refused	Number in sheep unit	Code	Sup
15.29.1.	Shelter	Open front shelter	1	2	a	b			
15.29.2.		Four walls and roof shelter	1	2	a	b			
15.29.3.		Three-sided open front shelter made of stone	1	2	a	b			
15.29.4.		Indoor shelter	1	2	a	b			
15.29.5.		Other	1	2	a	b			

#	QUESTION	Number	If	Sup
15.30.	**How many households belong to your hot ail at your second camp?***(if no other households belong to your hot ail, please mark 1)*		"1">Q15.32	

15.31.		Please clarify the arrangements for herding collaboration in the hot ail ?	Yes	No	DNK	Refused	Code	Sup
15.31.1.	Choice	Each household herds livestock in separate herds	1	2	a	b		
15.31.2.		Each household's livestock is herded in separate herds, but by herders appointed by the hot ail	1	2	a	b		
15.31.3.		All hotail livestock are herded together in one herd by herders appointed by the hot ail	1	2	a	b		
15.31.4.		Other	1	1	a	b		

			Yes	No	DNK	Refused	Code	Sup
15.32.	**Do you coordinate pastureland sharing with saahalt ail and other herders outside your hot ail?**		1	2	a	b		
			If "2", "a", "b">Q15.34					

15.33.		If yes, how do you coordinate?	Yes	No	DNK	Refused	Code	Sup
15.33.1.	Can be multiple choice	Coordination is done through soum, bagh governors' offices	1	2	a	b		
15.33.2.		Coordination is done through informal arrangements with other herders	1	2	a	b		
15.33.3.		Other	1	2	a	b		

INSERT CLARIFICATION FOR QUESTION 15.26, 15.27, 15.29, 15.31,15.33 HERE

Other 15.26.6	
Other 15.27.7	
Other 15.29.5	
Other 15.31.4	
Other 15.33.3	

MIGRATION AND CAMP SPECIFIC INFRASTRUCTURE & PASTURELAND (SECOND CAMP CONTINUED)

		How you would assess the pastureland quality/ grazing capacity of your second camp?		Response	Code	Sup
15.34.	**Choice**	Very good		1		
		Good		2		
		Moderate (*That is, the land is supporting the maximum number of animals, and the animals on the land are able to obtain sufficient nutrition from grazing. The land can not support additional livestock*)		3	**If "1","2"," a","b" >Q15.36**	
		Low		4		
		Very low		5		
		Don't know		a		
		Refused		b		

		If quality was moderate, low or very low what are the main causes? (*Do not read choices. Mark "No" for everything if respondent did not provide any answers*)	Yes	No			Code	Sup
15.35.								
15.35.1.	**Causes**	Increase in livestock number in the soum	1	2				
15.35.2.		Increase of inmigrants to the soum	1	2				
15.35.3.		Weather change	1	2				
15.35.4.		Mining exploration	1	2				
15.35.5.		Crop farming development	1	2				
15.35.6.		Arvicoline (*rodent infestation*)	1	2				
15.35.7.		Other	1	2				

#	QUESTION	Km	Sup
15.36.	**What is the distance betweenthe previous camp and your 2012 second camp?** (*km*)		

#	QUESTION	MNT	Sup
15.37.	**What is the cost of moving from the previous camp to your 2012 second camp?** (*MNT*)		

#	QUESTION	Day	Sup
15.38.	**What is the duration of the move in days ?** (*This will include the time spent for moving as well as the time spent for preparation.*)		

INSERT CLARIFICATION FOR QUESTION 15.35 HERE

Other 15.35.7	

16. PASTURE LAND DISPUTES

#	Question	Yes	No	DNK	Refused	Number	Code	Sup
16.1.	**Has your household been involved in any pastureland related disputes in the last 5 years?**	1	2	a	b			
		If "2", "a", "b" >Q17.1						

16.2.	**Disputes** (*Start with most recent*)	**Causes** (*please use codes from the table 3*)	**Participants** (*please use codes from the table 4*)	**Status of resolution** (*pleaae use codes from the table 5*)	**(If resolved, how did you resolve?** (*pleaae use codes from the table 6*)	**Sup**
16.2.1.	**1st Dispute**					
16.2.2.	**2nd Dispute**					
16.2.3.	**3th Dispute**					
16.2.4.	**4th Dispute**					
16.2.5.	**5th Dispute**					
16.2.6.	**6th Dispute**					
16.2.7.	**7th Dispute**					
16.2.8.	**8th Dispute**					
16.2.9.	**9th Dispute**					
16.2.10.	**10th Dispute**					

Table-3　　　　　　　　Table-4　　　　　　　　Table-5　　　　　　　　Table-6

Causes	Code	Participants	Code	Status of resolution	Code	If resolved, how did you resolve	Code
Fencing	1	Herder inside soum	1	**Resolved**	**1**	Settled through informal arrangements	1
Water usage	2	Herder from neighboring soum	2	**Not resolved**	**2**	Settled through an official arbitrator	2
Sharing pastureland	3	Migrant herder passing through	3	**Do not know**	**a**	Settled in court	3
Other	4	Organization or Company	4	**Refused**	**b**	**Do not know**	a
Do not know	**a**	**Do not know**	**a**			Refused	b
Refused	b	Refused	b				

INSERT CLARIFICATION FOR TABLE 3 HERE

Table 3- Other	

17. HOUSEHOLD ADULT MEMBERS

#	Household members	Name	Number
17.1.	Household head name (don't ask)		1
17.2.	Hosuehold adult member # 2		2
17.3.	Hosuehold adult member # 3		3
17.4.	Hosuehold adult member # 4		4
17.5.	Hosuehold adult member # 5		5
17.6.	Hosuehold adult member # 6		6
17.7.	Hosuehold adult member # 7		7

If the household adult members are more than 7 please use a new questionnaire format.

#	Question	Response	1	Code	2	Code	3	Code	4	Code	5	Code	6	Code	7	Code	Sup
17.8.	Sex	Male	1		1		1		1		1		1		1		
		Female	2		2		2		2		2		2		2		
17.9.	Age (*full years*) (if "Don't Know, write "a", if "Refused" write "b")																

#	Question	Response	1	2	3	4	5	6	7	Sup
17.10.	What is the relationship to the head of the household?	Wife/husband		1	1	1	1	1	1	
		Mother/father		2	2	2	2	2	2	
		Child		3	3	3	3	3	3	
		Siblings		4	4	4	4	4	4	
		Relatinves		5	5	5	5	5	5	
		Non-relatives		6	6	6	6	6	6	
		Don't Know		a	a	a	a	a	a	
		Refused		b	b	b	b	b	b	

#	Question	Response	1	2	3	4	5	6	7	Sup
17.11.	What is the highest education level?	No education	1	1	1	1	1	1	1	
		Primary	2	2	2	2	2	2	2	
		Incomplete secondary	3	3	3	3	3	3	3	
		Completed secondary	4	4	4	4	4	4	4	
		Vocational	5	5	5	5	5	5	5	
		Incomplete tertiary	6	6	6	6	6	6	6	
		Completed tertiary	7	7	7	7	7	7	7	
		Don't Know	a	a	a	a	a	a	a	
		Refused	b	b	b	b	b	b	b	

#	Question	Response	1	2	3	4	5	6	7	Sup
17.12.	Have you ever had any training in livestock husbandry?	Yes	1	1	1	1	1	1	1	
		No	2	2	2	2	2	2	2	
		Don't Know	a	a	a	a	a	a	a	
		Refused	b	b	b	b	b	b	b	

#	Question	Response	1	2	3	4	5	6	7	Sup
17.13.	Have you ever had any business operation training of any type?	Yes	1	1	1	1	1	1	1	
		No	2	2	2	2	2	2	2	
		Don't Know	a	a	a	a	a	a	a	
		Refused	b	b	b	b	b	b	b	

#	Question	Response	1	2	3	4	5	6	7	Sup
17.14.	Present during the interview									
17.15.	Not present during the interview									

18. HOUSEHOLD CHILDREN (0-17)

#	Household children	Name	Number
18.1.	Household children # 1		1
18.2.	Household children # 2		2
18.3.	Household children # 3		3
18.4.	Household children # 4		4
18.5.	Household children # 5		5
18.6.	Household children # 6		6
18.7.	Household children # 7		7

(IF THE HOUSEHOLD CHILDMEMBERS ARE MORE THAN 7 PLEASE USE A NEW QUESTIONNAIRE FORM)

#	Question	Response	Household member ID							Sup
			1	2	3	4	5	6	7	
			Code	Code	Code	Code	Code	Code	Code	
18.8.	Sex	Male	1	1	1	1	1	1	1	
		Female	2	2	2	2	2	2	2	
18.9.	What is the relationship to the head?	Son/ Daugther	1	1	1	1	1	1	1	
		Grandson/ Grandduagther	2	2	2	2	2	2	2	
		Sibling	3	3	3	3	3	3	3	
		Other Relative	4	4	4	4	4	4	4	
		Other/Non relative	5	5	5	5	5	5	5	
		Don't Know	a	a	a	a	a	a	a	
		Refused	b	b	b	b	b	b	b	
18.10.	Age (*full years*) (if "Don't Know, write "a", if "Refused" write "b")									

#	Question	Response	1	2	3	4	5	6	7	Sup
18.11.	Does child attend school?	Home	1	1	1	1	1	1	1	
		Kindergarden	2	2	2	2	2	2	2	
		Primary school (1-4 Year)	3	3	3	3	3	3	3	
		Lower Secondaery school (5th-8th Grade)	4	4	4	4	4	4	4	
		Upper Secondary (9th-12th Grade)	5	5	5	5	5	5	5	
		Not attending, but graduated Upper Secondary	6	6	6	6	6	6	6	
		Vocational training	7	7	7	7	7	7	7	
		Tertiary educational institution	8	8	8	8	8	8	8	
		School dropped	9	9	9	9	9	9	9	
		Never been to school	10	10	10	10	10	10	10	
		Don't Know	a	a	a	a	a	a	a	
		Refused	b	b	b	b	b	b	b	

19. PROJECT BENEFICIARY HOUSEHOLDS *(If household is project household, ask section 19, otherwise skip 19 and ask 20)*

	In your opinion, how beneficial was the rangeland lease?		Response	Code		Sup
19.1.	Choices	Very beneficial	1			
		Slightly beneficial	2			
		Neutral	3			
		Caused more problems than benefits	4			
		Don't know	a			
		Refused	b			

	What is your relationship with other members of your Herder Group? *(Do not read choices. Mark "No" for everything if respondent did not provide any answers)*		**Yes**	**No**	**Code**		**Sup**
19.2.							
19.2.1.	Relationship	Friends	1	2			
19.2.2.		Relatives	1	2			
19.2.3.		Supporting herder	1	2			
19.2.4.		Neighbor	1	2			
19.2.5.		Other	1	2			

	What motivated you to join the group? *(Do not read choices. Mark "No" for everything if respondent did not provide any answers)*		**Yes**	**No**	**Code**		**Sup**
19.3.							
19.3.1.	Motivations	To join the MCA-M Peri-urban Rangeland Project	1	2			
19.3.2.		Desire to raise livestock jointly in herder group	1	2			
19.3.3.		To improve pastureland quality	1	2			
19.3.4.		To protect the environment	1	2			
19.3.5.		For support to build fencing	1	2			
19.3.6.		For support to build well	1	2			
19.3.7.		To learn/ from and share with others	1	2			
19.3.8.		To better develop semi-intensive or intensive farming practices	1	2			
19.3.9.		Other	1	2			

	What areas do you think have improved because you joined the herder group? *(Do not read choices. Mark "No" for everything if respondent did not provide any answers)*		**Yes**	**No**	**Code**		**Sup**
19.4.							
19.4.1.	Issues	Joint sales, processing, and production of livestock products	1	2			
19.4.2.		Building and repairing of fences and shelters	1	2			
19.4.3.		Livestock productivity and quality	1	2			
19.4.4.		Prevention of livestock loss due to natural disaster, illness, and/or other causes	1	2			
19.4.5.		Decreased degradation of pastureland	1	2			
19.4.6.		Collaboration of fodder and hay production	1	2			
19.4.7.		Prevention of theft of livestock	1	2			
19.4.8.		Increases access to water sources	1	2			
19.4.9.		Other	1	2			

19.5.	What kind of assistance is needed further as a continuation of the project activities? (*Don't read options*) (*Do not read choices. Mark "No" for everything if respondent did not provide any answers*)		Yes	No	Code		Sup
19.5.1.		Providing information about where to purchase good breed livestock	1	2			
19.5.2.		More training on intensive or semi-intensive farming	1	2			
19.5.3.		Maintaining the contract over the full lease period	1	2			
19.5.4.		Assistance to local government in managing the repayment fund	1	2			
19.5.5.		Help in finding other projects or donors	1	2			
19.5.6.		Other, please specify	1	2			

19.6.	How useful did your household members find the following trainings? Please rate on a scale from 1-5.		Very Helpful				Not at all helpful	Training was not attended by any household members	Don't Know	Refused	Code	Sup
19.6.1.		Legal issues with animal husbandry	1	2	3	4	5	77	a	b		
19.6.2.		Animal husbandry/ verterinarian service	1	2	3	4	5	77	a	b		
19.6.3.	**Choices**	Pastureland management	1	2	3	4	5	77	a	b		
19.6.4.		Marketing	1	2	3	4	5	77	a	b		
19.6.5.		Herder group risk management	1	2	3	4	5	77	a	b		

INSERT CLARIFICATION FOR QUESTION 19.1, 19.2, 19.3, 19.4, 19.5 HERE

Other 19.2.5	
Other 19.3.9	
Other 19.4.9	
Other19.5.6	

20. QUESTIONS FOR NON-PROJECT HOUSEHOLDS

20.1.	How do you think your household would have benefited if you had participated in the MCA-M Peri-Urban Rangeland Project?

	Yes	No	DNK	Refused	Code	Sup
20.2. Do you know any households that have participated in the MCA-M Peri-Urban Rangeland Project?	1	2	a	b		
	"2, a, b">End Questionnaire					

20.3.	What are the main ways that you think these households have benefited from the project?

21. INTRA-HOUSEHOLD DYNAMICS (DO NOT ASK RESPONDENTS. ENUMERATOR MUST COMPLETE THIS SECTION SEPARATELY)

QUESTION:		Participated	Rank	Sup
21.1.	Indicate the number from Section 17 for each household adult member who participated in the survey, and rank level of participation for each member *(1=first most involved, 2=second most, etc.).* Only rank those that participated.			
21.1.1.	**Household adult member #1**			
21.1.2.	**Household adult member #2**			
21.1.3.	**Household adult member #3**			
21.1.4.	**Household adult number #4**			
21.1.5.	**Household adult number #5**			
21.1.6.	**Household adult number #6**			
21.1.7.	**Household adult number #7**			

21.2.	How common were disagreements among family members about the answer to a question? (choose on a scale from 1-5)	None	Not Common	Little Common	Common		Very Common	Sup
		1	2	3	4		5	

		Yes	No	Code	Sup
21.3.	Was there one family member whose opinion usually prevailed? (If "2", skip 20.3.1.)	1	2		
21.3.1.	If yes: Which member? (write the member's number)				
21.4.	Who did the enumerator perceive as the primary decision-maker in the household? (write the member's number)				

		Section #	Question #	Sup
21.5.	Which sections were most controversial? *(list section numbers, and put the question number if there is a specific question in that section that is controversial)*			
21.5.1.	Controversial section #1			
21.5.2.	Controversial section #2			
21.5.3.	Controversial section #3			
21.5.4.	Controversial section #4			
21.5.5.	Controversial section #5			
21.6.	Any other comments on the relationships between household members			Sup

PHONE UNIT SERIAL NUMBER:

22. SURVEY INTERVIEW VALIDATION

#	Question					Supervisor
22.1.	Interview start date, time	**Month**	**day**	**hour**	**min**	
22.2.	Interview completed date, time	**Month**	**day**	**hour**	**min**	
22.3.	Interview continuation period				**min**	
22.4.	Level of respondents cooperation	Low 1		**Code**		
		Moderate 2				
		High 3				
22.5.	Enumerator name					
22.6.	Number of photos taken					
22.6.1.	1st photo ID					
22.6.2.	2nd photo ID					
22.6.3.	3rd photo ID					
22.6.4.	4th photo ID					
22.7.	Enumerator signature					
22.8.	Team Leader name					
22.9.	Number of photo validated by Team Leader (Team Leader checks and validates every single photo taken)					
22.10.	Questionnaire page numbers validated by team Leader (out of a total of 30 pages)					
22.11.	Team Leader signature					

SPECIAL NOTE # 3

Note taken by (name)	