

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								

Implementer:

MEC LLC, MCDS LLC
#3, Emnelgiin gudamj 32
14210 Ulaanbaatar
Tel: 11-319672

2. QUALITY CONTROL SHEET

SURVEY RECORDS						
#	VISITS					
2.1.	1 st VISIT					Sup
2.1.1.	Date		Month		Day	
2.1.2.	OUTCOME	Responses options	Response	Code		
		Interview completed	1			
		Interview in-complete (but agrees to continue interview at later date)	2			
		Partially complete (refused partway through)	3	Skip to 2.5		
		Interview fully refused	4	Skip to 2.4		
2.2.	2 nd VISIT					Sup
2.2.1.	Date		Month		Day	
2.2.2.	OUTCOME	Responses options	Response	Code		
		Interview completed	1			
		Interview in-complete (but agrees to continue interview at later date)	2			
		Partially complete (refused partway through)	3	Skip to 2.5		
		Interview refused fully	4	Skip to 2.4		
2.3.	3 rd VISIT					Sup
2.3.1.	Date		Month		Day	
2.3.2.	OUTCOME	Responses options	Response	Code		
		Interview completed	1			
		Interview in-complete	2			
		Partially complete (refused partway through)	3	Skip to 2.5		
		Interview refused fully	4	Skip to 2.4		

2.4.	Reason for interview refusal	Code
Reasons	Busy	1
	Sick/or unable to give interview because of the health condition	2
	Stopped herding	3
	Dropped out of the PURP	4
	PURP is not beneficial	5
	Did not participate the PURP initially (rejected through lottery)	6
	Refused to give household information	7
	Other (clarify)	8

Other reason for refusal

2.5.	Reason for refused partway through	Code
Reason	Busy	1
	Sick	2
	Bored from the interview because it's too long	3
	Other (clarify)	4

Other reason for refused partway through

2.6.	If refused partway through: The first question to refused to answer partway through																					
2.7.	If refused partway through:: Which sections were refused?																					
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

2.8.	Total number of questions the respondent refused to answer
2.8.1.	Refused Question number
2.8.2.	Refused Question number
2.8.3.	Refused Question number
2.8.4.	Refused Question number
2.8.5.	Refused Question number

TO BE COMPLETED AFTER TEAM LEADER 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	

TO BE COMPLETED AFTER SURVEY SUPERVISOR VALIDATION

2.11.	Total number of refused questions being validated		
2.12.	Total number of questions with missing, incorrect values		
2.12.1.	Of which:	Total number of questions re-filled, corrected, resolved	
2.12.2.		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 [name of organization], a survey firm. On behalf of the research organization Innovations for Poverty Action, I have to come to see you to discuss the Millennium Challenge Account Peri-Urban Rangeland Project. 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, and household. The questions should take about 90 minutes to answer. To compensate for your time and effort, you will receive 5000 tugrug in the form of phone units if you complete the questionnaire.

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. Any information you provide that can identify you will be kept strictly confidential by the parties conducting this study, including MCC employees, employees of the survey firm, and licensed researchers, to the maximum extent permitted by the laws of the United States of America and the laws of Mongolia. These users will use the data for statistical purposes only. We will be audio recording the interview for the sole purpose of checking the quality of the interviewer. Your personal information and the audio recording of the interview will be stored in secure manner and will not be made public in any form.

Do you understand these conditions and are you 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**.

#	CHECK/QUESTIONS														Code	Sup	
3.1.	Date, time of start of interview				Month			Day			Hour			Min			
	Ask the following questions about the respondent's current residence																
3.2.	Aimag																
3.3.	Soum																
3.4.	Bag																
3.5.	Name of area																
#	QUESTION																
3.6.	The current residence of the respondent?		Response options										Response	Code	Sup		
			Winter camp										1				
			Spring Camp (separate from winter camp)										2				
			Soum/aimag center or UB (without animals)										3				
			Other (specify)										4				
#	QUESTION																
3.7.	Where was the interview conducted?		Response options										Response	Code	Sup		
			Current residence										1				
			Other location in aimag/soum center										2				
			Other location in UB										3				
			Other respondent's household										4				
			Other (specify)										5				
3.8.	GPS coordinates (North)		N														
3.9.	GPS coordinates (East)		E		1	0											
3.10.	Household head first name																
3.11.	Household head last name																
3.12.	What is the sex of the household head?		Response options										Response	Code	Sup		
			Male										1				
			Female										2				
			Refused										999				
#	QUESTION										Yes	No	DNK	Refused	Code	Sup	
3.13.	Has household head changed since the baseline survey? (early 2012)										1	2	888	999			
3.14.	Is the main respondent the household head?		Response options										Response	Code	Sup		
			Yes										1				
			No										2	If "1" → Q3.17			
3.15.	Main Respondent last name																
3.16.	Main Respondent first name																
3.17.	Respondent Tel No 1																
3.18.	Respondent Tel No 2																
3.19.	Household status		Response options (only ask one of sections 17-21 based on response)										Response	Code	Sup		
			Household of PURP herder group leader (Ask Section 17)										1				
			Current PURP household (Ask Section 17)										2				
			Former PURP household (Ask Section 18)										3				
			Neighbor household of PURP group (Ask Section 20)										4				
			Control group leader (Ask Section 19)										5				
			Control group household (Ask Section 19)										6				
			Neighbor household of Control group (Ask Section 21)										7				
3.20.	PURP Herder group name (for neighbors, name of neighboring PURP herder group)																
3.21.	PURP Herder group ID (for neighbors, ID of neighboring PURP herder group)																
#	QUESTION										Yes	No	DNK	Refused	Code	Sup	
3.22.	Is your household a member of any herder group formed outside of the MCA-M "Peri-Urban Rangeland Project?" that coordinates on herding or pasture usage?										1	2	888	999			

Other 3.6	
Other 3.7	

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 ROSTER

4.1.	How many people currently belong to your household? (ATTENTION: Use the instruction manual when asking about household and household member information.)	
------	---	--

Instruction to enumerator: skip 4.2.8-4.2.10 if member is age 13 or below

4.2.	4.2.1.	4.2.2.	4.2.3.	4.2.4.	4.2.5.	4.2.6.	4.2.6.1.	4.2.6.2.	4.2.6.3.	4.2.7.	4.2.8.	4.2.9.	4.2.10.
Household member No.	Name	Sex 1.Male 2.Female	Age	What is the relationship to the head of the household? 1. Wife/husband 2. Mother/father 3. Child 4. Grand child 5. Siblings 6. Relatives 7. Non-relatives 999. Refused	Is this person currently living at home? 1. Yes 2. No 999. Refused (If "1", 999 → 4.2.8 If "2" → 4.2.6)	If no, where is this person living? 1. Other herder household 2. Aimag or soum center 3. UB 4. Cities other than UB (specify) 5. Oversea 6. Other (specify) 888. Don't Know 999. Refused If 1, 2, 3, 5, 6, 888, 999, → 4.2.8	What city did the household member move to? 1. Erdenet 2. Darkhan 3. Kharkhorin 888. Don't Know 999. Refused	When did the household member move to the city? Ask if 4.2.6. =3,4 Year Month	What is the main reason for the household member to move to the city? 1. To study 2. To look for a job 3. Accepted a temporary job offer 4. Accepted a permanent job offer 5. Other (specify.) Ask if 4.2.6. =3,4	What is this person's primary activity while away from home? 1. Study at high school 2. Study at vocational school 3. Study at university 4. Permanent work 5. Temporary work (job lasts less than 1 year) 6. Neither work nor study 7. Recruited into military 8. Other (specify)	In last 12 months, has this person done any paid work outside the household?(includes work paid for in cash or in goods or services) 1. Yes 2. No 888. Don't Know 999. Refused (If "1" → Q4.2.9, else → Q4.2.10) (If HH member's age is 13 or less than 13, skip this question)	If yes, what type of work do they do (occupation)? 1. Hired herder 2. Agricultural worker (non-herding) 3. Mining worker 4. Soum governor office worker 5. Construction worker 6. Service worker (e.g. cashier, cook) 7. Health worker 8. Trade or sales 9. Teacher 10. Other (specify) 888. Don't Know 999. Refused (If HH member's age is 13 or less than 13, skip this question)	What is the highest level of education completed by the household member? 1. None 2. Primary 3. In complete secondary 4. Complete secondary 5. Vocational and technical 6. Degree, higher-education diploma, or bachelor's degree or higher (If HH member's age is 11 or less than 11, skip this question)
Head of household													
HH Member #2													
HH Member #3													
HH Member #4													
HH Member #5													
HH Member #6													
HH Member #7													
HH Member #8													
HH Member #9													
HH Member #10													
HH Member #11													
HH Member #12													

INSERT CLARIFICATION FOR QUESTION 4.2.6, 4.2.7, 4.2.9 HERE

	Member #	Adult or Child?	Clarification
Other 4.2.6			
Other 4.2.6			
Other 4.2.6			
Other 4.2.7			
Other 4.2.7			
Other 4.2.7			
Other 4.2.9			
Other 4.2.9			
Other 4.2.9			

5. HOUSEHOLD ASSETS

5.1.	In each season, what type of housing does your household use?			5.1.1. Winter		5.1.2. Spring		5.1.3. Summer		5.1.4. Autumn	
				Yes	No	Yes	No	Yes	No	Yes	No
	Housing type	Ger		1	2	1	2	1	2	1	2
		House		1	2	1	2	1	2	1	2
		Apartment		1	2	1	2	1	2	1	2
		Other		1	2	1	2	1	2	1	2
5.2.	Does your household own the following properties? (if nothing note as "0")								Number		Sup
5.2.1.	Housing type	Land under housing (number of certificates)									
5.2.2.		Summer house									
5.2.3.		Winter house									
5.2.4.		Apartment									
5.2.5.		Private luxury house									
5.2.6.		Other immovable property									

5.3.	In what type of residence does the household currently live? (If "1"> Q5.5)		Code
Types	Ger		1
	House in ger district		2
	Dormitory		3
	Public dwelling (i.e. for employees, others)		4
	Apartment or Villa		5
	Private luxury house		
	Other (clarify)		6
5.4.	(Ask if 5.3. =2,3,4,5,6,7 "not Ger") If the residence is NOT a ger, what is the main construction material of the walls? (multiple options can be selected)		Code
Material Type	Wood		1
	Stone		2
	Bricks		3
	Concrete		4
	Other (clarify)		5
5.5.	(Ask only if 5.3. = 1 "Ger") If the residence is a ger, how many segments/walls does it have?		Code
Material Type	3 or 4		1
	5		2
	6 or more		3

5.6.	Does your household own a ger and/or the following home appliances in working condition?		Number	Sup
5.6.1.	Household appliances	Ger with 4 walls		
5.6.2.		Ger with 5 walls		
5.6.3.		Ger with 6 or more walls		
5.6.4.		Household Appliances (Refrigerator or freezer, for use within the home)		
5.6.5.		Household Appliances (Washing machine)		
5.6.6.		Household Appliances (Electrical stove)		
5.6.7.		Household Appliances (Iron/brick stove)		
5.6.8.		Household Appliances (Gas stove (portable))		
5.6.9.		Household Appliances (Ovens)		
5.6.10.		Household Appliances (Pressure cooker)		
5.6.11.		Household Appliances (Electric iron)		
5.6.12.		Household Appliances (Vacuum Cleaner)		
5.6.13.		Power Generators (Wind power generator)		
5.6.14.		Power Generators (Solar panel (power generator))		
5.6.15.		Power Generators (Small size generator (power generator))		
5.6.16.		Electrical Appliances (Dish antenna set)		
5.6.17.		Electrical Appliances (TV set)		
5.6.18.		Electrical Appliances (Cell phone)		
5.6.19.		Electrical Appliances (Radio)		
5.6.20.		Electrical Appliances (Computer)		
5.6.21.		Other		
5.7.	Does your household have any of the following transportation vehicles?		Number	Sup
5.7.1.	Transportation Vehicles	Bicycle		
5.7.2.		Motorcycle		
5.7.3.		Passenger car		
5.7.4.		Truck (with all type back load)		
5.7.5.		Car with 8 or more seats ("Furgon", minibus, bus)		
5.7.6.		Tractor		
5.7.7.		Carriage (drawn by draught animal)		
5.7.8.		Other		

INSERT CLARIFICATION FOR QUESTIONS 5.1; 5.2.6, 5.3, 5.4, 5.5, 5.6.21, 5.7.8 8 HERE

Other 5.1	
Other 5.2.6	
Other 5.3	
Other 5.4	

Other 5.5	
Other 5.6.21	
Other 5.7.8	

6. HOUSEHOLD NON-LIVESTOCK INCOME

6.1.	Sources of income	MNT (last 12 months)	Sup
6.1.1.	Monthly wage, salary or similar income		
6.1.2.	Monthly pension benefits (<i>pension for the elderly</i>)		
6.1.3.	Monthly welfare support (<i>unemployment, child support, disability., etc</i>)		
6.1.4.	Non regular wages		
6.1.5.	Profit from private business activities (excluding agriculture)		
6.1.6.	Income from monthly rent		
6.1.7.	Money transfer from others (<i>including transfers from household and non-household members</i>)		
6.1.8.	Interest from savings accounts		
6.1.9.	Income from selling property		
6.1.10.	Well use fee		
6.1.11.	Profit from non-livestock agricultural production (e.g., raised pigs, chicken, bees or grew vegetables and fruits?) (<i>do not include hay gathering or fodder production</i>)		
6.1.12.	Other income		

INSERT CLARIFICATION FOR QUESTION # 6.1.12 HERE

Other 6.1.12	
--------------	--

7. HOUSEHOLD EXPENDITURES

7.1.	Did your household buy any of the following?	Amount Spent in last 30 days	Sup
7.1.1.	Regular food expenditures (except Naadam festival and Tsagaan sar/Lunar New year and other special holidays and celebrations) from vendors/markets meat, milk, flour, rice, sugar, potato, sweets, fruits, vegetables, etc.) and Other food expenditures (tea, salt, oil, etc.)		
7.2.	Did your household buy any of the following, groceries, goods or services?	Last 30 days total MNT	Sup
7.2.1.	Vodka, wine (<i>Excluding consumption during Tsagaan sar, wedding and naadam</i>)		
7.2.2.	Cost for water consumption (<i>household and and livestock consumption</i>)		
7.2.3.	Cigarettes		
7.2.4.	Textiles (all types)		
7.2.5.	Shoes and clothing		
7.2.6.	School supplies		
7.2.7.	Other domestic goods (<i>cosmetics, subscription of newspaper and journal, toiletry items etc</i>)		
7.2.8.	Public transport		
7.2.9.	Total fuel expenditures (<i>for domestic uses and transportation</i>)		
7.2.10.	Communication including mobile phones		
7.2.11.	Electricity (<i>for household and livestock consumption</i>)		
7.2.12.	Loan payment (<i>includes payment of the principal and interest</i>)		
7.2.13.	Renting of immovable properties (<i>except livestock infrastructure renting such as renting of animal shelter</i>)		
7.2.14.	Other expenditures		

INSERT CLARIFICATION FOR QUESTION 7.2.14

[illegible]**HOUSEHOLD EXPENDITURES (CONTINUE)**

#	EXPENDITURE	Last 12 months total price (MNT)	Sup						
7.3.	IRREGULAR EXPENDITURES IN THE LAST 12 MONTHS (<i>including new purchases and maintenance costs</i>)								
7.3.1.	Immovable assets (new purchases and maintenance costs)	Land							
7.3.2.		Summer housing (besides ger)							
7.3.3.		Winter housing (besides ger)							
7.3.4.		Apartment							
7.3.5.		Private luxury house							
7.3.6.		Other (please describe below)							
7.3.7.	Ger and home appliances (new purchases and maintenance costs)	Mongolian ger							
7.3.8.		Household Appliances (Refrigerator, freezer)							
7.3.9.		Household Appliances (Washing machine)							
7.3.10.		Household Appliances (Electrical stove)							
7.3.11.		Household Appliances (Gas stove)							
7.3.12.		Generators (Wind power generator)							
7.3.13.		Generators (Solar panel)							
7.3.14.		Generators (Small size generator (<i>gasoline power generator</i>))							
7.3.15.		Electronic Appliances: Radio							
7.3.16.		Electronic Appliances: TV and Dish antenna set							
7.3.17.		Electronic Appliances: Cell phones							
7.3.18.		Electronic Appliances: Computer (desktop and notebook)							
7.3.19.		Other							
7.3.20.	Transportation vehicles (new purchases and maintenance costs)	Bicycle							
7.3.21.		Motorbike							
7.3.22.		Passenger car							
7.3.23.		Truck (with all type back load)							
7.3.24.		Car with 8 or more seats (<i>"Furgon", minibus, bus</i>)							
7.3.25.		Carriage (<i>drawn by draught animal</i>)							
7.3.26.		Other (please describe below)							
7.3.27.	Other	Schooling fees							
7.3.28.		How much did you spend on Tsagaan Sar?							
7.3.29.		Other celebration (such as weddings) related costs							
7.3.30.		Wood and Coal (including heating purpose)							
7.3.31.		Medicine and medical treatment							
7.3.32.		Other expenses							

INSERT CLARIFICATION FOR QUESTION 7.3.6, 7.3.9, 7.3.19, 7.3.26 7.3.32

[illegible]

Other 7.3.19																		
Other 7.3.26																		
Other 7.3.32																		

8.MIGRATION AND CAMP SPECIFIC INFRASTRUCTURE AND PASTURELAND

QUESTION		Number		Sup
8.1.	How many times has your household moved in the last 12 month? (excludes moving for the purposes of changing the ger base)			

Please start with the camp you resided in spring of 2016. Answer the following questions for each camp. (if they lived at more than one place within the season, ask for the place they stayed the longest during that season)

8.1.1.	Please clarify in which camps you reside in for each of the 4 seasons? (since summer 2016)(count as "camp" even if they did not herd animals for part of the year)		Code
	Choices	One camp for four seasons (ask 8.5)	1
		Two camps: (1) winter-spring, (2) summer-autumn (ask 8.3, 8.5)	2
		Two camps: (1) winter, (2) spring-summer-autumn (ask 8.2, 8.5)	3
		Two camps: (1) winter-spring-autumn, (2) summer (ask 8.3, 8.5)	4
		Two camps: (1) spring-summer, (2) autumn-winter (ask 8.2, 8.4)	5
		Two camps: (1) spring, (2) summer- autumn- winter (ask 8.2, 8.3)	6
		Two camps: (1) winter-spring-summer, (2) autumn (ask 8.4, 8.5)	7
		Two camps: (1) spring-summer- autumn, (2) winter (ask 8.2, 8.5)	8
		Three camps: (1) winter-spring, (2) summer, (3) autumn (ask 8.3, 8.4, 8.5)	9
		Three camps: (1) spring, (2) summer-autumn, (3) winter (ask 8.2, 8.3, 8.5)	10
		Three camps: (1) spring-summer, (2) autumn, (3) winter (ask 8.2, 8.4, 8.5)	11
		Three camps: (1) spring (2) summer (3) autumn-winter (ask 8.2, 8.3, 8.4)	12
		Four camps, one for each season (ask 8.2, 8.3, 8.4, 8.5 all seasons)	13

8.2. SPRING CAMP 2016

8.2.1.	Where is your household staying in spring 2016?		Response	
	Options	Permanent spring camp	1	
		Moved to look for better pastureland for whole season	2	
		Bagh, soum, aimag center	3	
		Other (clarify)	4	

8.2.2.	In spring 2016, is your household herding any of your livestock by yourself?	Yes 1	No 2	DNK 888	Refused 999	Code	Sup
If "1" → Q8.2.4							

8.2.3.	If not, who is herding your animals?		Yes	No	Code	Sup
8.2.3.1.	Options	PURP group members	1	2		
8.2.3.2.		Members of other herding group (excluding PURP group members)	1	2		
8.2.3.3.		Hired herders (excluding members of herding group)	1	2		
8.2.3.4.		Relatives (excluding hired herders or members of herding group)	1	2		
8.2.3.5.		Other (specify)	1	2		

8.2.4.	Date your household moved from previous camp to 2016 spring camp	Day	Month	
--------	--	-----	-------	--

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
8.2.5.	What is the distance from your previous camp to the 2016 spring camp? (km)						

8.2.6.	How far is your household's 2016 spring camp located from the following points?		Km				Sup
8.2.6.1.		From nearest large town (UB/Darkhan/Erdenet/Choibalsan/Arvaikheer/Kharkhorin)					
8.2.6.2.		From points of milk sale, milk products cooling, processing, receiving					
8.2.6.3.		Soum center (put 0 if live in soum)					
8.2.6.4.		Nearest paved road					

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
8.2.7.	Does your household have a possession certificate for this 2016 spring camp?	1	2	888	999		

8.2.8.	What are the primary water sources used for both domestic and livestock purposes in your 2016 spring camp, and distance from the camp? (primary means as source where household intentionally obtains water)		Yes	No	Km	Code	Sup
8.2.8.1.	Water sources	Well from PURP Project	1	2			
8.2.8.2.		Deep well (electric) [not from PURP]	1	2			
8.2.8.3.		Hand well/manual	1	2			
8.2.8.4.		Water distribution unit	1	2			
8.2.8.5.		Open sources as river, spring etc	1	2			
8.2.8.6.		Snow, ice	1	2			
8.2.8.7.		Other	1	2			

Household Questionnaire

8.2.9.	Do you have any type of animal shelter at your 2016 spring camp?	Yes	No	DNK	Refused	Code	Sup
		1	2	888	999		
		If "2", "888", "999">Q8.2.11					

8.2.10.	Which of the following types of animal shelter does your household have in your 2016 spring camp?		Yes	No	Capacity of shelter in sheep units
8.2.10.1.	Shelter	Open front shelter	1	2	
8.2.10.2.		Four walls and roof shelter	1	2	
8.2.10.3.		Three-sided open front shelter made of stone	1	2	
8.2.10.4.		Indoor shelter	1	2	
8.2.10.5.		Wire Yard	1	2	
8.2.10.6.		Other	1	2	

8.2.11.	How you would rate the pastureland quality/grazing capacity of your spring camp?		Response	Code	Sup
	Choice	Very good	1		
		Good	2		
		Moderate (<i>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 cannot support the additional livestock</i>)	3	If “3”, “4”, “5”, “888”, “999”>Q8.2.12	
		Low	4		
		Very low	5		
		Don’t know	888		
		Refused	999		

8.2.11.1. If quality was moderate, low or very low what were the main causes?			Yes	No	DNK	Refused	Code		Sup
8.2.11.1.1.	Ca use s	Increase in livestock number in the soum	1	2	888	999			
8.2.11.1.2.		Increase of migrants to the soum	1	2	888	999			
8.2.11.1.3.		Weather change	1	2	888	999			
8.2.11.1.4.		Mining exploration	1	2	888	999			
8.2.11.1.5.		Crop farming development	1	2	888	999			
8.2.11.1.6.		Arvicolinae (rodent infestation)	1	2	888	999			
8.2.11.1.7.		Other	1	2	888	999			

QUESTION FOR PURP HOUSEHOLDS Q.8.2.12-Q.8.2.16												
8.2.12.	Was the 2016 spring camp on your PURP lease area?						Yes	No	DNK	Refused	Code	Sup
							1	2	888	999		
							If “1”, “888”, “999”>Q8.2.14					
8.2.13.	Distance of 2016 spring camp to your PURP lease area boundary (km)											
8.2.14.	In 2016 spring, were any of your household’s animals herded in your PURP lease area (by your household members or others)?						Yes	No	DNK	Refused	Code	Sup
							1	2	888	999		
							If “2”, “888”, “999”→ Q.8.3.1					
8.2.15.	How many of your animals were herded on the PURP lease area in spring 2016?		8.2.15.1. Which type of animals were herded on PURP lease area?		8.2.15.2. Number in Spring 2016							
			Yes	No								
			Type	Camel								
	Horse	1		2								
	Sheep	1		2								
	Goat	1		2								
	Cattle	1	2									
8.2.16.	While you were at this camp, what % of the time did your animals graze on the PURP lease area?										%	

#	QUESTION FOR NEIGHBOR HOUSEHOLDS	Yes	No	DNK	Refused	Code	Sup
8.2.17.	Do you know the location of the lease area of herder group [pre-load group name], headed by [pre-load group leader name]?	1	2	888	999		
		If "1", ask questions for each season Q8.2.17.1, Q8.3.16, Q8.4.16, Q8.5.17. If "2", "888", "999", don't ask Q8.2.17.1, Q8.3.16, Q8.4.16, Q8.5.17.					
#	QUESTION FOR PURP NEIGHBOR HOUSEHOLDS						
8.2.17.1.	PURP neighbour households: Distance of 2016 spring camp to your neighbor's [fill in name] PURP lease area boundary (km)					Km	

INSERT CLARIFICATION FOR SECTION 8.2 HERE

[illegible]

8.3. SUMMER CAMP 2016

8.3.1.	Where is your household staying in summer 2016?	Response
--------	---	----------

Peri-Urban Rangeland Project, Phase 2, Wave 3
Household Questionnaire

	Options	Permanent summer camp	1			
		Moved to look for better pastureland for whole season	2			
		Bagh, soum, aimag center	3			
		Other (clarify)	4			

8.3.2.	In summer 2016, is your household herding any of your livestock by yourself?	Yes 1	No 2	DNK 888	Refused 999	Code	Sup
If "1" → Q8.3.4							

8.3.3.	If not, who is herding your animals?	Yes	No	Code	Sup
8.3.3.1.	PURP group members	1	2		
8.3.3.2.	Members of other herding group (excluding PURP group members)	1	2		
8.3.3.3.	Hired herders (excluding members of herding group)	1	2		
8.3.3.4.	Relatives (excluding hired herders or members of herding group)	1	2		
8.3.3.5.	Other (specify)	1	2		

8.3.4.	Date your household moved from previous camp to 2016 summer camp	Day	Month		
--------	--	-----	-------	--	--

#	QUESTION	Km	Sup
8.3.5.	What is the distance from your previous camp to the 2016 summer camp? (km)		
8.3.6.	How far is your household's 2016 summer camp located from the following points?	Km	Sup
8.3.6.1.	From nearest large town (UB/Darkhan/Erdenet/Choibalsan/Arvaikheer/Kharkhorin)		
8.3.6.2.	From points of milk sale, milk products cooling, processing, receiving		
8.3.6.3.	Soum center (put 0 if live in soum)		
8.3.6.4.	Nearest paved road		

8.3.7.	What are the primary water sources used for both domestic and livestock purposes in your 2016 summer camp, and distance from the camp? (<i>primary means as source where household intentionally obtains water</i>)	Yes	No	Km	Code	Sup
8.3.7.1.	Well from PURP Project	1	2			
8.3.7.2.	Deep well (<i>electric</i>) [not from PURP]	1	2			
8.3.7.3.	Hand well (<i>manual</i>)	1	2			
8.3.7.4.	Water distribution unit	1	2			
8.3.7.5.	Open sources as river, spring etc	1	2			
8.3.7.6.	Other	1	2			

8.3.8.	Do you have any type of animal shelter at your 2016 summer camp?	Yes 1	No 2	DNK 888	Refused 999	Code	Sup
If "2", "888", "999" → Q8.3.10							

8.3.9.	Which of the following types of animal shelter does your household have in your 2016 summer camp?	Yes	No	Capacity of shelter in sheep units
8.3.9.1.	Open front shelter	1	2	
8.3.9.2.	Four walls and roof shelter	1	2	
8.3.9.3.	Three-sided open front shelter made of stone	1	2	
8.3.9.4.	Indoor shelter	1	2	
8.3.9.5.	Wire Yard	1	2	
8.3.9.6.	Other	1	2	

8.3.10.	How you would rate the pastureland quality/grazing capacity of your summer camp?	Response	Code	Sup
Choice	Very good	1		
	Good	2		
	Moderate (<i>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 cannot support the additional livestock</i>)	3		
	Low	4		
	Very low	5		
	Don't know	888		
	Refused	999		

8.3.10.1.	If quality was moderate, low or very low what were the main causes?	Yes	No	DNK	Refused	Code	Sup
8.3.10.1.1.	Increase in livestock number in the soum	1	2	888	999		
8.3.10.1.2.	Increase of migrants to the soum	1	2	888	999		
8.3.10.1.3.	Weather change	1	2	888	999		
8.3.10.1.4.	Mining exploration	1	2	888	999		
8.3.10.1.5.	Crop farming development	1	2	888	999		
8.3.10.1.6.	Arvicolineae (rodent infestation)	1	2	888	999		
8.3.10.1.7.	Other	1	2	888	999		

QUESTION FOR PURP HOUSEHOLDS Q.8.3.11-Q.8.3.15							
8.3.11.	Was the 2016 summer camp on your PURP lease area?	Yes 1	No 2	DNK 888	Refused 999	Code	Sup
If "1", "888", "999" → Q8.3.13							
8.3.12.	Distance of 2016 summer camp to your PURP lease area boundary (km)						
8.3.13.	In 2016 summer, were any of your household's animals herded in your PURP lease area (by your household members or others)?	Yes 1	No 2	DNK 888	Refused 999	Code	Sup
If "2", "888", "999" → Q.8.4.1							

8.3.14.	How many of your animals were herded on the PURP lease area in summer 2016?	8.3.14.1 Which type of animals were herded on PURP lease area?	Yes	No	8.3.14.2 Number in Summer 2016
	Type	Camel	1	2	
		Horse	1	2	
		Sheep	1	2	
		Goat	1	2	
		Cattle	1	2	

Household Questionnaire

8.3.15.	While you were at this camp, what % of the time did your animals graze on the PURP lease area?		%
---------	--	--	---

#	QUESTION FOR PURP NEIGHBOR HOUSEHOLDS						
8.3.16.	PURP neighbour households: Distance of 2016 summer camp to your neighbor's <i>[fill in name]</i> PURP lease area boundary (km)					Km	

INSERT CLARIFICATION FOR SECTION 8.3 HERE

[illegible]

8.4. AUTUMN CAMP 2016

		Where is your household staying in autumn 2016?										Response			
8.4.1.	Options		Permanent autumn camp										1		
			Moved to look for better pastureland for whole season										2		
			Bagh, soum, aimag center										3		
			Other (clarify)										4		
8.4.2.	In autumn 2016, is your household herding any of your livestock by yourself?								Yes	No	DNK	Refused	Code	Sup	
									1	2	888	999			
									If “1” → Q8.4.4						
8.4.3.	If not, who is herding your animals?								Yes	No	Code	Sup			
8.4.3.1.	Options		PURP group members							1	2				
Members of other herding group (excluding PURP group members)							1	2							
Hired herders (excluding members of herding group)							1	2							
Relatives (excluding hired herders or members of herding group)							1	2							
Other (specify)							1	2							
8.4.4.	Date your household moved from previous camp to 2016 autumn camp							Day			Month				
#	QUESTION										Km		Sup		
8.4.5.	What is the distance from your previous camp to the 2016 autumn camp? (km)														
8.4.6.	How far is your household’s 2016 autumn camp located from the following points?								Km				Sup		
8.4.6.1.			From nearest large town (UB/Darkhan/Erdenet/Choibalsan/Arvaikheer/Kharkhorin)												
From points of milk sale, milk products cooling, processing, receiving															
8.4.6.2.			Soum center (put 0 if live in soum)												
8.4.6.3.			Nearest paved road												
8.4.6.4.															
8.4.7.	What are the primary water sources used for both domestic and livestock purposes in your 2016 autumn camp, and distance from the camp? (<i>primary means as source where household intentionally obtains water</i>)					Yes	No	Km			Code	Sup			
8.4.7.1.	Water sources		Well from PURP Project					1	2						
Deep well (<i>electric</i>) [<i>not from PURP</i>]					1	2									
8.4.7.2.			Hand well(<i>manual</i>)					1	2						
8.4.7.3.			Water distribution unit					1	2						
8.4.7.4.			Open sources as river, spring etc					1	2						
8.4.7.5.			Other					1	2						
8.4.7.6.															
8.4.8.	Do you have any type of animal shelter at your 2016 autumn camp?								Yes	No	DNK	Refused	Code	Sup	
									1	2	888	999			
									If “2”, “888”, “999”>Q8.4.10						
8.4.9.	Which of the following types of animal shelter does your household have in your 2016 autumn camp?								Yes	No	Capacity of shelter in sheep units				
8.4.9.1.	Shelter		Open front shelter							1	2				
Four walls and roof shelter							1	2							
8.4.9.2.			Three-sided open front shelter made of stone							1	2				
8.4.9.3.			Indoor shelter							1	2				
8.4.9.4.			Wire Yard							1	2				
8.4.9.5.			Other							1	2				
8.4.10.	How you would rate the pastureland quality/grazing capacity of your autumn camp?										Response	Code	Sup		
	Choice		Very good								1	If “3”, “4”, “5”, “888”, “999”>Q8.4.11			
			Good								2				
			Moderate (<i>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 cannot support the additional livestock</i>)								3				
			Low								4				
			Very low								5				
			Don’t know								888				
Refused								999							
8.4.10.1.	If quality was moderate, low or very low what were the main causes?								Yes	No	DNK	Refused	Code	Sup	
8.4.10.1.1.	Ca	Increase in livestock number in the soum							1	2	888	999			
8.4.10.1.2.	use	Increase of migrants to the soum							1	2	888	999			
8.4.10.1.3.	s	Weather change							1	2	888	999			

Household Questionnaire

8.4.10.1.4.	Mining exploration	1	2	888	999			
8.4.10.1.5.	Crop farming development	1	2	888	999			
8.4.10.1.6.	Arvicolinae (rodent infestation)	1	2	888	999			
8.4.10.1.7.	Other	1	2	888	999			

QUESTION FOR PURP HOUSEHOLDS Q.8.4.11-Q.8.4.15											
8.4.11.	Was the 2016 autumn camp on your PURP lease area?				Yes	No	DNK	Refused	Code	Sup	
					1	2	888	999			
If "1", "888", "999">Q.8.4.13											
8.4.12.	Distance of 2016 autumn camp to your PURP lease area boundary (km)										
If "1", "888", "999">Q.8.4.13											
8.4.13.	In 2016 autumn, were any of your household's animals herded in your PURP lease area (by your household members or others)?				Yes	No	DNK	Refused	Code	Sup	
					1	2	888	999			
If "2", "888", "999"→ Q.8.5.1											
8.4.14.	How many of your animals were herded on the PURP lease area in autumn 2016?			8.4.14.1. Which type of animals were herded on PURP lease area?		8.4.14.2. Number in autumn 2016					
				Yes	No						
	Type	Camel	1	2							
		Horse	1	2							
		Sheep	1	2							
		Goat	1	2							
		Cattle	1	2							
8.4.15.	While you were at this camp, what % of the time did your animals graze on the PURP lease area?									%	

#	QUESTION FOR PURP NEIGHBOR HOUSEHOLDS						
8.4.16.	PURP neighbour households: Distance of 2016 autumn camp to your neighbor's <i>[fill in name]</i> PURP lease area boundary (km)					Km	

INSERT CLARIFICATION FOR SECTION 8.4 HERE

[illegible]

8.5. WINTER CAMP 2016/2017

8.5.1.	Where is your household staying in winter 2016/2017?										Response			
	Options	Permanent winter camp										1		
		Moved to look for better pastureland for whole season										2		
		Bagh, soum, aimag center										3		
		Other (clarify)										4		
8.5.2.	In winter 2016/2017, is your household herding any of your livestock by yourself?							Yes	No	DNK	Refused	Code	Sup	
								1	2	888	999			
								If “1” → Q8.5.4						
8.5.3.	If not, who is herding your animals?									Yes	No	Code	Sup	
8.5.3.1.	Options	PURP group members							1	2				
8.5.3.2.		Members of other herding group (excluding PURP group members)							1	2				
8.5.3.3.		Hired herders (excluding members of herding group)							1	2				
8.5.3.4.		Relatives (excluding hired herders or members of herding group)							1	2				
8.5.3.5.		Other (specify)							1	2				
8.5.4.	Date your household moved from previous camp to 2016/2017 winter camp							Day			Month			
#	QUESTION										Km		Sup	
8.5.5.	What is the distance from your previous camp to the 2016/2017 winter camp? (km)													
8.5.6.	How far is your household's 2016/2017 winter camp located from the following points?							Km				Sup		
8.5.6.1.		From nearest large town (UB/Darkhan/Erdenet/Choibalsan/Arvaikheer/Kharkhorin)												
8.5.6.2.		From points of milk sale, milk products cooling, processing, receiving												
8.5.6.3.		Soum center (put 0 if live in soum)												
8.5.6.4.		Nearest paved road												
#	QUESTION							Yes	No	DNK	Refused	Code	Sup	
8.5.7.	Does your household have a possession certificate for this 2016/2017 winter camp?							1	2	888	999			
8.5.8.	What are the primary water sources used for both domestic and livestock purposes in your 2016/2017 winter camp, and distance from the camp? (<i>primary means as source where household intentionally obtains water</i>)							Yes	No	Km			Code	Sup
8.5.8.1.	Water sources	Well from PURP Project							1	2				
8.5.8.2.		Deep well (<i>electric</i>) [<i>not from PURP</i>]							1	2				
8.5.8.3.		Hand well(<i>manual</i>)							1	2				
8.5.8.4.		Water distribution unit							1	2				
8.5.8.5.		Open sources as river, spring etc							1	2				
8.5.8.6.		Snow and ice							1	2				
8.5.8.7.		Other							1	2				

Household Questionnaire

8.5.9.	Do you have any type of animal shelter at your 2016/2017 winter camp?			Yes	No	DNK	Refused	Code	Sup	
				1	2	888	999			
If “2”, “888”, “999”>Q8.5.11										
8.5.10.	Which of the following types of animal shelter does your household have in your 2016/2017 winter camp?					Yes	No	Capacity of shelter in sheep units		
8.5.10.1.	Shelter	Open front shelter				1	2			
8.5.10.2.		Four walls and roof shelter				1	2			
8.5.10.3.		Three-sided open front shelter made of stone				1	2			
8.5.10.4.		Indoor shelter				1	2			
8.5.10.5.		Wire Yard				1	2			
8.5.10.6.		Other				1	2			
8.5.11.	How would you rate the pastureland quality/grazing capacity of your 2016/2017 winter camp?					Response		Code	Sup	
	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 cannot support the additional livestock)				3			If “3”, “4”, “5”, “888”, “999”>Q8.5.12	
		Low				4				
		Very low				5				
		Don't know				888				
		Refused				999				
8.5.11.1. If quality was moderate, low or very low what were the main causes?					Yes	No	DNK	Refused	Code	
8.5.11.1.1.	Cause	Increase in livestock number in the soum			1	2	888	999		
		Increase of migrants to the soum			1	2	888	999		
		Weather change			1	2	888	999		
		Mining exploration			1	2	888	999		
		Crop farming development			1	2	888	999		
		Arvicolinae (rodent infestation)			1	2	888	999		
		Other			1	2	888	999		

QUESTION FOR PURP HOUSEHOLDS Q.8.5.12-Q.8.5.16										
8.5.12.	Was the 2016/2017 winter camp on your PURP lease area?				Yes 1	No 2	DNK 888	Refused 999	Code	Sup
					If "1", "888", "999">Q8.5.14					
8.5.13.	Distance of 2016/2017 winter camp to your PURP lease area boundary (km)									
8.5.14.	In 2016/2017 winter, were any of your household's animals herded in your PURP lease area (by your household members or others)?				Yes 1	No 2	DNK 888	Refused 999	Code	Sup
					If "2", "888", "999"→ Q.9.1					
	How many of your animals were herded on the PURP lease area in winter 2016/2017?			8.5.15.1. Which type of animals were herded on PURP lease area?		8.5.15.2. Number in winter 2016/2017				
8.5.15.				Yes	No					
	Type	Camel	1	2						
		Horse	1	2						
		Sheep	1	2						
		Goat	1	2						
		Cattle	1	2						
8.5.16.	While you were at this camp, what % of the time did your animals graze on the PURP lease area?								%	

#	QUESTION FOR PURP NEIGHBOR HOUSEHOLDS					
8.5.17.	PURP neighbour households: Distance of 2016/2017 winter camp to your neighbor's <i>fill in name</i> / PURP lease area boundary (km)				Km	

INSERT CLARIFICATION FOR SECTION 8.5 HERE

[illegible]

9. HOUSEHOLD LIVESTOCK NUMBER AND MORTALITY, REVENUE AND COSTS, VETERINARIAN SERVICES

9.1.	Has your household owned any livestock at any time since the animal census December, 2015?	Yes	No	DNK	Refused	Code	Sup
		1	2	888	999		
		(If “2”, “888”, “999” ask only Q13.1-13.8 and skip to Section 17)					

Note: cattle includes Pure Mongolian Cattle, Pure or Crossbreed foreign cattle, Yak, Khainag

CHANGES IN ANIMAL NUMBERS DURING 2016 (from mid-Dec 2015 until mid-Dec 2016)

9.2.	Has your household owned following type of livestock since the animals census December, 2015?			Number as of mid-December 2016	Increases			Decreases					9.2.11. Number as of mid-December 2015
		yes	no		9.2.2. New born	9.2.3. Purchased	9.2.4. Received as a gift	9.2.5. Sold	9.2.6. Stolen or Lost, or killed by wolves	9.2.7. Consumed as food	9.2.8. Natural disaster (dzud, other extreme weather)	9.2.9. Illness	
Type	Camel	1	2										
	Horse	1	2										
	Sheep	1	2										
	Goat	1	2										
	Cattle	1	2										
9.2.11.1	Number of Pure and Cross Breed foreign Cattle in 2016 Dec												
9.2.11.2	Number of pure and Cross Breed foreign Cattle in 2015 Dec												

9.3.	How many livestock your household has sold and how much money has been earned in the last 12 months?	9.3.1. Number sold slaughtered	9.3.2. Number sold alive	9.3.3. MNT from sale	Sup
Type	Camel				
	Horse				
	Sheep				
	Goat				
	Cattle				

9.4.	Livestock products (consumed and sold) in the last 12 months (if household did not produce, note as "0")	9.4.1. Domestic household consumption (units)	9.4.2. Sold (units)	9.4.3. Total amount earned in last 12 months (MNT)	Sup
Product type	Cashmere (kg)				
	Wool (kg) (wool incentive is not included)				
	Wool incentive (MNT)				
	Skin of sheep/goat (pieces)				
	Skin of cow/horse/camel (pieces)				
	Sheep/goat milk (liters)				
	Fermented Mare milk (liters)				
	Yogurt (liters)				
	Curd (kg)				
	Other milk products including cheese, sour cream, milk fat, butter, etc. (kg)				
	Other livestock products (specify)	yes	no		

9.5.	Is your household currently planning to make changes in the size or composition of your herd in the next two years? (If the respondent expects their herd to increase in size naturally, and they will keep all of the additional animals, this is counted as an increase.)	Yes	No	DNK	Refused	Code	Sup			
		1	2	888	999	"2", "888", "999" > Q9.8				
9.6.	Specifically, how do you plan to change the number of each type of animal in your herd in the next two years?									
	9.6.1. Planning to change?	9.6.2. How to change?				If "888", "999", ask next type of animal	9.6.3. If increase or decrease, by how many animals?	Sup		
				Increase	Decrease				Don't Know	Refused
Type	Camel	Yes	No	1	2				888	999
	Horse	Yes	No	1	2				888	999
	Sheep	Yes	No	1	2				888	999
	Goat	Yes	No	1	2				888	999
	Mongolian cattle, yak, khainag	Yes	No	1	2				888	999
	Dairy cattle (pure and crossbred)	Yes	No	1	2				888	999
Meat cattle (pure and crossbred)	Yes	No	1	2	888	999				

9.7.	What are the main reasons you are planning to change your herd size or composition? Please rate how important each of these reasons is to your household.			Very important	Little bit important	Did not affect decision	Don't Know	Refused	Code
9.7.1.	Reasons	Stay with PURP action plan (only for PURP households)		1	2	3	888	999	
9.7.2.		To meet carrying capacity measured by grass clipping by PURP (only for PURP households)		1	2	3	888	999	
9.7.3.		To meet carrying capacity measured by grass clipping on their own		1	2	3	888	999	
9.7.4.		To reduce over-grazing		1	2	3	888	999	
9.7.5.		Advised or required by soum officials		1	2	3	888	999	
9.7.6.		Changing prices in animal products		1	2	3	888	999	
9.7.7.		Advised by neighbours		1	2	3	888	999	

Peri-Urban Rangeland Project, Phase 2, Wave 3
Household Questionnaire

9.7.8.		Try to acquire as many animals as possible	1	2	3	888	999	
9.7.9.		Weather predictions	1	2	3	888	999	
9.7.10.		Improve income with superior animal breeds	1	2	3	888	999	
9.7.11.		Other (specify)	1	2	3	888	999	

9.8.	Have you heard of index-based livestock insurance?	Yes	No	DNK	Refused	Code	Sup
		1	2	888	999		
<i>If "2", "888", "999" > Q9.12</i>							
9.9.	In the past 12 months have you purchased index-based livestock insurance?	Yes	No	DNK	Refused	Code	Sup
		1	2	888	999		
<i>If "2", "888", "999" > Q9.12</i>							
9.10.	In the last 12 months, how much did you spend on livestock insurance premiums (MNT)?						
9.11.	In the last 12 months, how much did you receive from livestock insurance claims (MNT)?						
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
9.12.	Do you have an arrangement to receive regular services from a veterinarian during last 12 months?	1	2	888	999		
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
9.13.	Did you have any of your livestock vaccinated during last 12 months to prevent from livestock infectious diseases? (<i>this includes any vaccinations, including those done directly by the household and those done by a veterinarian</i>)	1	2	888	999		
<i>If 2, 888, 999 → Q9.15</i>							
9.14.	What percent of your animals were vaccinated?						
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
9.15.	Did you treat any of your livestock for parasites in the last 12 months?	1	2	888	999		
<i>If 2, 888, 999 → Q9.17</i>							
9.16.	What percent of your animals were treated?						
9.17.	How much your household has spent for your livestock in the last 12 months? (<i>if nothing note as "0"</i>)		MNT			Sup	
9.17.1.	Choice	Livestock insemination or breeding cost (<i>include payment for raising young animals</i>)					
9.17.2.		Veterinary treatment service cost (<i>to treat disease</i>)					
9.17.3.		Vaccination cost (<i>or other preventative treatment</i>)					
9.17.4.		Hired herder wage					
9.17.5.		Water (well use fee, fuel for well, purchase or transport of water) (<i>do not include purchase or maintenance of well</i>)					
9.17.6.		Pasture use fee (to government)					
9.17.7.		Transportation of products to sell					
9.17.8.		Storage of products to sell					
9.17.9.		Renting of equipment					
9.17.10.		Other					
9.18.	In the last two years, which livestock-related investments has your household made? (<i>do not include rental or use fees</i>)	Yes	No	New Purchase cost (MNT) (last 2 years)	Maintenance or repair cost (last 12 months)		Sup
9.18.1.	Well (<i>do not include PURP well for purchase</i>)	1	2				
9.18.2.	Animal Shelter	1	2				
9.18.3.	Fencing (all types, including pasture, haymaking area, fodder planting, animal corral, etc.)	1	2				
9.18.4.	Tractor	1	2				
9.18.5.	Haymaking equipment	1	2				
9.18.6.	Other farming equipment or machinery	1	2				
9.18.7.	Purchasing pure and crossbred foreign cows	1	2				
9.18.8.	Purchasing Mongolian cows, yak, khainag	1	2				
9.18.9.	Purchasing other livestock	1	2				
9.18.10.	Other	1	2				

INSERT CLARIFICATION FOR SECTION 9 HERE

Other 9.4	
Other 9.7.11	
Other 9.17.10	
Other 9.18.10	

10. HOUSEHOLD CATTLE

10.1.	Do you have the bull?	Yes	No	DNK	Refused	Code	Sup
		1	2	888	999		
<i>("2", "888", "999" > Q10.4)</i>							
10.2.	If yes, how many?	Number				Sup	
10.3.	How many of each type of bulls does your household have? (<i>If respondent does not know the cow type, include in Other and clarify</i>)	Number				Sup	
10.3.1.	Choice	Pure Mongolian					
10.3.2.		Yak					
10.3.3.		Khainag					
10.3.4.		Alatau					

**Peri-Urban Rangeland Project, Phase 2, Wave 3
Household Questionnaire**

10.3.5.		Simental (Shartarlan)					
10.3.6.		Khartarlan					
10.3.7.		Talynulaan					
10.3.8.		Selenge					
10.3.9.		Other (specify)					
10.3.10.		Refused					

10.4.	Has your household had milking cows from March 1, 2016 to February 28, 2017?	Yes 1	No 2	DNK 888	Refused 999	Code	Sup
If "2", "888", "999"> Q10.8							

10.5.	If yes, how many?	Number		Sup
-------	-------------------	--------	--	-----

10.6.	How many of each type of cows does your household have? (If respondent does not know the cow type, include in Other and clarify)	Number		Sup
-------	--	--------	--	-----

10.6.1.	Choice	Pure Mongolian				
10.6.2.		Yak				
10.6.3.		Khainag				
10.6.4.		Alatau				
10.6.5.		Simental (Shartarlan)				
10.6.6.		Khartarlan				
10.6.7.		Talynulaan				
10.6.8.		Selenge				
10.6.9.		Other (specify)				
10.6.10.		Refused				

10.7.	Of these, how many were milked from March 1, 2016 to February 28, 2017?	Number		Sup
-------	---	--------	--	-----

10.8.	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)	Yes 1	No 2	DNK 888	Refused 999	Code	Sup
If "2, 888, 999">Section 11							

10.9.	Why did you choose to do winter calving? (Do not read choices. Mark "No" for everything if respondent did not provide any answers)	Yes	No	Code	Sup
-------	--	-----	----	------	-----

10.9.1.		More even income throughout the year	1	2		
10.9.2.		Higher milk price in winter	1	2		
10.9.3.		To use milk for household consumption	1	2		
10.9.4.		Other, please specify	1	2		

10.10.	When did you first begin winter calving? (What year and month was the first calf born in winter?)	Month		Year		Sup
--------	---	-------	--	------	--	-----

INSERT CLARIFICATION FOR QUESTION 10.3, 10.6, 10.13 HERE

Other 10.3.9	
Other 10.6.9	
Other 10.9.4	

11. HOUSEHOLD MILKING COWS (Note: *QUESTIONs should be asked for the period from March 1, 2016 to February 28, 2017*)

11.1.	Cow name/ID (If respondent does not know the cow type, include in Other and clarify)	Highest producing cow (if only one cow was milked, fill this column and leave the second column blank)		Lowest producing cow	
		Response	Code	Response	Code

11.1.1.	Breeding	Pure Mongolian	1		1	
11.1.2.		Yak	2		2	
11.1.3.		Khainag	3		3	
11.1.4.		Alatau	4		4	
11.1.5.		Simental (Shartarlan)	5		5	
11.1.6.		Khartarlan	6		6	
11.1.7.		Talynulaan	7		7	
11.1.8.		Selenge	8		8	
11.1.9.		Other (specify)	9		9	
11.1.10.		Refused	999		999	

#	QUESTION	Number		Number	
---	----------	--------	--	--------	--

11.2.	Number of offspring ever (calves)?				
-------	------------------------------------	--	--	--	--

11.3.	Age				
-------	-----	--	--	--	--

#	QUESTION	Month	Year	Month	Year
---	----------	-------	------	-------	------

11.4.	In which month did the cow last give birth?				
-------	---	--	--	--	--

11.5.	How many days is cow milked in milking season? (May-Sep, 2016) (If "0"> Q11.8)				
-------	--	--	--	--	--

11.6.	The highest litres of milk per day during milking season? (liter, May-Sep, 2016)				
-------	--	--	--	--	--

11.7.	The lowest litres of milk per day during milking season? (liters, May-Sep, 2016)				
-------	--	--	--	--	--

11.8.	How many days is cow milked in non-milking season? (1 st of March, 2016 – 30 th of April, 2016 and 1 st of Oct, 2016 – 28 th of Feb, 2017) (If "0"> Q11.11)				
-------	---	--	--	--	--

**Peri-Urban Rangeland Project, Phase 2, Wave 3
Household Questionnaire**

11.9.	The highest litres of milk per day during non-milking? (1 st of March, 2016 – 30 th of April, 2016 and 1 st of Oct, 2016 - 28 th of Feb, 2017) (liters)				
11.10.	The lowest litres of milk per day during non-milking? (1 st of March, 2016 – 30 th of April, 2016 and 1 st of Oct, 2016 - 28 th of Feb, 2017) (liters)				
#	QUESTION	Number		Number	
11.11.	How many liters of milk per day was the cow producing when you decided to stop milking it?				

INSERT CLARIFICATION FOR QUESTION 11 HERE

Other 11.1.9 high	
Other 11.1.9 low	

12..MILK AND OTHER PRODUCT MARKETING PROCESS

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
12.1.	Did your household deliver milk to individuals from March 1, 2016 to February 28, 2017?	1	2	888	999		
If "2", "888", "999" > Q12.5							
#	Question	Non milking season (2016.3.1-2016.4.30)		Milking season (2016.5.1-2016.9.30)		Non milking season (2016.10.1-2017.2.28)	
12.2.	What was the sale price per litre when selling to individuals? (MNT)						
12.3.	How many litres of milk did your household deliver per day to the individual? (Average litres)						
12.4.	How many days in total did your household deliver milk to the individual? (Days)						
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
12.5.	Does your household sell milk directly to the market from March 1, 2016 to February 28, 2017?	1	2	888	999		
If "2", "888", "999" > Q12.9							
#	QUESTION	Non milking season (2016.3.1-2016.4.30)		Milking season (2016.5.1-2016.9.30)		Non milking season (2016.10.1-2017.2.28)	
12.6.	What was the sale price per litre when selling to the market? (MNT)						
12.7.	How many liters of milk did your household deliver per day to the market? (Average litres)						
12.8.	How many days in total did your household deliver milk to the market? (Days)						
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
12.9.	Does your household deliver to a centralized cooling facility from March 1, 2016 to February 28, 2017?	1	2	888	999		
If "2", "888", "999" > Q12.13							
#	Question	Non milking season (2016.3.1-2016.4.30)		Milking season (2016.5.1-2016.9.30)		Non milking season (2016.10.1-2017.2.28)	
12.10.	What was the sale price per liter when selling to the centralized cooling facility? (MNT)						
12.11.	How many liters of milk did your household deliver per day to the centralized cooling facility? (Average litres)						
12.12.	How many days in total did your household deliver milk to the centralized cooling facility? (Days)						
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
12.13.	Does your household deliver milk to a mobile collecting vehicle from March 1, 2016 to February 28, 2017?	1	2	888	999		
If "2", "888", "999" > Q12.17							
#	Question	Non milking season (2016.3.1-2016.4.30)		Milking season (2016.5.1-2016.9.30)		Non milking season (2016.10.1-2017.2.28)	
12.14.	What was the sale price when selling to the collecting vehicle facility? (MNT)						
12.15.	How many litres of milk did your household deliver per day to the collecting vehicle facility? (Average litres)						
12.16.	How many days in total did your household deliver milk to the collecting vehicle facility? (Days)						
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
12.17.	Does your household currently have any contracts to sell milk or other animal products? (formal, written contracts)	1	2	888	999		
"2", "888", "999" > Section 13							
12.18.	What percent of your household's total income from milk sales is sold through a written contract (from March 1, 2016 to February 28, 2017)? (If "2" for Q12.1, Q12.5, Q12.9, Q12.13, skip this question)					Percent	Sup
						Percent	Sup

Peri-Urban Rangeland Project, Phase 2, Wave 3
Household Questionnaire

12.19.	What percent of your household's total income from other animal product sales (besides milk) is sold through a written contract (from March 1, 2016 to February 28, 2017)?			
--------	--	--	--	--

13.LIVESTOCK FORAGE

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
13.1.	Did your household gather hay yourself in 2016?	1	2	888	999		
If "2", "888", "999" > Q13.7							
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
13.2.	Does your household have a possession certificate for any of the land used to gather hay?	1	2	888	999		
#	Question					Hectare	Sup
13.3.	From how many hectares did your household gather hay in 2016?						
13.4.	Of these, how many hectares were fenced?						
13.5.	If yes, how many tons of hay did your household gather in 2016?						
13.6.	How much did your household spend on hay production in 2016?	MNT				Sup	
13.7.	Did you have excess hay beyond your own livestock consumption needs? (in 2015)	Yes	No	DNK	Refused	Code	Sup
		1	2	888	999		
If "2", "888", "999" > Q13.9							
13.8.	If yes, what did you do with excess hay?	Yes	No	Tons		Total MNT	Code
13.8.1.	Sold excess hay	1	2				
13.8.2.	Gave to others (tons)	1	2				
13.8.3.	Stored it (tons)	1	2				
13.8.4.	Other	1	2				
13.9.	Did your household purchase hay in last 12 months?	Yes	No	DNK	Refused	Code	Sup
		1	2	888	999		
If "2", "888", "999" > Q13.11							
13.10.	If yes, specify total volume (kg) and total amount spent in MNT?	Kg		MNT			Sup

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
13.11.	Did your household grow alfalfa yourself in 2016?	1	2	888	999		
If "2", "888", "999" > Q13.17							
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
13.12.	Does your household have a possession certificate for any of the land used to grow alfalfa?	1	2	888	999		
#	Question					Hectare	Sup
13.13.	From how many hectares did your household grow alfalfa in 2016?						
13.14.	Of these, how many hectares were fenced?						
13.15.	If yes, how many tons of alfalfa did your household grow in 2016?						
13.16.	How much did your household spend on alfalfa production in 2016?	MNT				Sup	

13.17.	Did your household purchase alfalfa and any type of fodder for last 12 months?	Yes	No	DNK	Refused	Code	Sup
		1	2	888	999		
"2", "888", "999" > Q13.19							
13.18.	If yes, what amount of alfalfa and/or any type of fodder have you purchased and how much did you spend on alfalfa and other fodder?	Yes	No	Total amount (kg)		Total cost of purchasing (MNT) (include transportation cost)	Sup
13.18.1	Alfalfa	1	2				
13.18.2	Corn	1	2				
13.18.3	Green forage	1	2				
13.18.4	Salt	1	2				
13.18.5	Fiber	1	2				
13.18.6	Khorgoljin	1	2				
13.18.7	Combi-forage	1	2				
13.18.8	Oat	1	2				
13.18.9	Rye	1	2				
13.18.10	Wheat	1	2				
13.18.11	Barley	1	2				
13.18.12	Other (clarify)	1	2				
13.19.	Did your household produce alfalfa and/or any type of fodder for last 12 months?	Yes	No	DNK	Refused	Code	
		1	2	888	999		
"2", "888", "999" > Q13.21							
13.20.	If yes, what amount of any type of fodder except	Yes	No	Total amount (kg) (If jointly produced		Total cost of production	

Peri-Urban Rangeland Project, Phase 2, Wave 3
Household Questionnaire

	alfalfa did you produce and what cost of production?				with other households, give your household's share of the total. If this is not known, divide the total amount by the number of households)	(MNT) (include purchase of plants or seed, equipment rental, wages, storage, transportation, water, and any other costs)												
13.20.1	Corn	1	2															
13.20.2	Green forage	1	2															
13.20.3	Salt	1	2															
13.20.4	Oat	1	2															
13.20.5	Rye	1	2															
13.20.6	Wheat	1	2															
13.20.7	Barley	1	2															
13.20.8	Other (clarify)	1	2															

INSERT CLARIFICATION FOR QUESTION 13.8, 13.18, 13.20

Other 13.8	
Other 13.18	
Other 13.20.8	

LIVESTOCK FORAGE (CONTINUE)

Check: Verify the amount produced + purchased

Ask: of this amount, how much was used to feed your animals in winter of 2016-17?

13.21.	In what months (in the last 12 months) did your household give hay and/or fodder to your livestock? (Please insert "✓" in the appropriate field.)	Yes	No	Month												Code	Sup
				1	2	3	4	5	6	7	8	9	10	11	12		
13.21.1.	Camel	1	2														
13.21.2.	Horse	1	2														
13.21.3.	Sheep	1	2														
13.21.4.	Goat	1	2														

		13.22.1. Fed Hay?		13.22.2. How much hay did you feed per day (KG)	13.22.3. How many days did you feed hay in the specified month (in days)	13.22.4. Fed alfalfa?		13.22.5. How much alfalfa did you feed per day (KG)	13.22.6. How many days did you feed alfalfa in the specified month (in days)	Code	Sup
		Yes	No			Yes	No				
13.22. Skip this section if "No" to all 13.1., 13.9., 13.11., 13.17, 13.19.	From April, 2016 to March, 2017, in which months do you feed your cow with forage?										
	March, 2016	1	2								
	April, 2016	1	2								
	May, 2016	1	2								
	June, 2016	1	2								
	July, 2016	1	2								
	August, 2016	1	2								
	September, 2016	1	2								
	October, 2016	1	2								
	November, 2016	1	2								
	December, 2016	1	2								
	January, 2017	1	2								
	February, 2017	1	2								
	March, 2017	1	2								

14.TENURE SECURITY

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
---	----------	-----	----	-----	---------	------	-----

14.1.	Do you feel secure that government will not expropriate or prevent you from using the pastureland that you currently use?	1	2	888	999		
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
14.2.	Do you feel secure that someone outside the government (including individuals, organizations or companies) will not expropriate or prevent you from using the pastureland that you currently use?	1	2	888	999		
14.3.	Do you feel your current tenure security (claim to use pastureland) is stronger, weaker or the same as it was three years ago (at the beginning of 2011)?	Response				Code	Sup
	Stronger	1					
	Same	2					
	Weaker	3					
	Don't Know	888					
	Refused	999					
14.4.	How much of a problem is it for your household that other herders graze their animals in pastureland that you use, causing over-grazing of the land?	Response				Code	Sup
	Big problem	1					
	Little problem	2					
	No problem	3					
	Don't Know	888					
	Refused	999					
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
14.5.	Do you feel confident that you can prevent other herders from over-grazing their animals in pastureland that you use?	1	2	888	999		

15. RESERVE PASTURE

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
15.1.	In the last 12 months, did your household set aside a portion of your pastureland with no grazing as reserve pasture in case of bad weather conditions?	1	2	888	999		
If "2, 888, 999" → Q15.5							
#	QUESTION					Hectares	Sup
15.2.	If yes, what size was the area?						
15.2.1.	If don't know the size of the area	Response				Code	
	Options	1-10 hectare	1				
		11-100 hectare	2				
		101-400 hectare	3				
		More than 400 hectare	4				
		Don't know	888				
#	QUESTION					Hectares	Sup
15.3.	For PURP Households: How much of this land, if any, is on your PURP lease area? (put zero if none of the land is on the lease area)						
15.3.1.	If don't know the size of the area	Response				Code	
	Options	1-10 hectare	1				
		11-100 hectare	2				
		101-400 hectare	3				
		More than 400 hectare	4				
		Don't know	888				
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
15.4.	Have any other households grazed animals in this area in the last 12 months?	1	2	888	999		

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
15.5.	Does your household have an area of pasture that you are keeping free of animals to rehabilitate the land?	1	2	888	999		
If 2, 888, 999 → Section 16							
#	QUESTION					Hectares	Sup
15.6.	If yes, what size is the area?						
15.6.1.	If don't know the size of the area	Response				Code	
	Options	1-10 hectare	1				
		11-100 hectare	2				
		101-400 hectare	3				
		More than 400 hectare	4				
		Don't know	888				
#	QUESTION					Hectares	Sup
15.7.	For PURP Households: How much of this land, if any, is on your PURP lease area? (put zero if none of the land is on the lease area)						
15.7.1.	If don't know the size of the area	Response				Code	
	Options	1-10 hectare	1				
		11-100 hectare	2				
		101-400 hectare	3				
		More than 400 hectare	4				
		Don't know	888				

**Peri-Urban Rangeland Project, Phase 2, Wave 3
Household Questionnaire**

#	QUESTION	Year	Sup
15.8.	What year did you first aside this area?		

#	QUESTION	Response	Code	
15.8.1	How long (in total) do you plan to keep this area free of animals?			
	Choice	Less than 1 year	1	
		1 year	2	
		2 years	3	
		3 years	4	
		4 years	5	
		Other (specify)	6	
		Don't know	888	
Refused	999			

#	QUESTION	Yes	No	Code
15.9.	In a normal year in which you used this area for grazing animals, which seasons would it be used?			
15.9.1.	Winter	1	2	
15.9.2.	Spring	1	2	
15.9.3.	Summer	1	2	
15.9.4.	Autumn	1	2	

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
15.10.	Have any other households grazed animals in this area since you decided to keep it free of your animals?	1	2	888	999		

INSERT CLARIFICATION FOR QUESTION 15.8

Other 15.8.1	
--------------	--

16. LAND USE DISPUTES

#	QUESTION	Yes	No	DNK	Refused	Code	Sup
16.1.	In the last 12 months, have you had any conflicts because of migrant herders temporarily using your pastureland while passing through? (do not include herders who have temporarily moved to the area for a full season)	1	2	888	999		
If "2, 888, 999" → Q16.3							
#	QUESTION					Number	Sup
16.2.	How many times did this happen?						
#	QUESTION	Yes	No	DNK	Refused	Code	Sup
16.3.	In the last 5 years, has your household been involved in any disputes related to pastureland ownership or possession? /ask the most serious 5 conflicts/. (Do not count conflicts arisen related to animals got into crop field, or herders passing through the area Conflicts with herders living in the area temporarily for one season should be counted. Can read list from Table 3 for examples.)	1	2	888	999		
If "2, 888, 999" → Section 17							
#	QUESTION					Number	Sup
16.4.	How many disputes?						

INSTRUCTION TO ENUMERATOR: skip to 16.6 if household is a PURP member household. Otherwise skip to 16.5.

QUESTION FOR NON-PURP HOUSEHOLDS

16.5.	16.5.1.	16.5.2.	16.5.3.	16.5.4.	16.5.5.	16.5.6.	16.5.7.	16.5.8.		Skip to Section 18	Sup
	Where did this occur? (choose camp from table 3)	Causes (please use codes from the table 4)	Date conflict began (Year)	Date conflict began (Month)	Status of resolution 1.Resolved 2.Not resolved 888.Don't Know 999.Refused	Duration of dispute (days) (if ongoing, give duration up until now)	(If resolved, how did you resolve? (please use codes from the table 5)	Do you think the resolution of this dispute was favorable for your household?			
								Yes	No		
	1st Dispute							1	2		
	2nd Dispute							1	2		
	3th Dispute							1	2		
	4th Dispute							1	2		
	5th Dispute							1	2		

Table -3		Table-4		Table-5	
Camps	Code	Causes		If resolved, how did you resolve	Code
Winter camp	1	Other herder started to graze their animals on pastureland that you traditionally use		Settled through informal arrangements	1
Spring camp	2	Other household gathered hay on pastureland that you traditionally use		Settled by the soum governor's office	2
Summer camp	3	Your household started to use pastureland for gathering hay that a different herder claimed as their own (used traditionally or informally)		Settled in court	3
Autumn camp	4	Your household started to use pastureland for grazing animals that a different herder claimed as their own (used traditionally or informally)		Other	4
Other	5	Your household started to use pastureland for gathering hay that a different herder claimed as their own (held under a PURP land use contract)		Do not know	888
		Your household started to use pastureland for grazing animals that a different herder claimed as their own (held under a PURP land use contract)		Refused	999
		Mining company wanted to use your pastureland to explore or extract minerals			
		Non-mining company or organization wanted to use your pastureland			
		Government excluded your household from using pastureland			
		Other			

QUESTION FOR PURP HOUSEHOLDS

16.6.		16.6.1.	16.6.2.	16.6.3.	16.6.4.	16.6.5.	16.6.6.	16.6.7.	16.6.8.	16.6.9.	16.6.10.	16.6.11.	16.6.12.		
	Disputes (Start with most recent)	Where did this occur? (choose from table 6)	Causes (please use codes from the table 7)	Date conflict began (Year)	Date conflict began (Month)	Status of resolution 1.Resolved 2.Not resolved 888.Don't Know 999.Refused	Duration of dispute (days) (if ongoing, give duration up until now)	(If resolved, how did you resolve? (please use codes from the table 8)	Do you think the resolution of this dispute was favorable for your household?	Did this conflict involve your PURP lease area? If "2" →Next Dispute	Do you think this conflict would have occurred if you did not have the PURP land use contract?	Was the other party aware of the PURP land use contract?	Do you think having a PURP land use contract made resolution of this conflict easier, more difficult, or had no effect? (Use codes from Table 9)		Sup
									Yes	No	Yes	No	Yes	No	
	1st Dispute								1	2	1	2	1	2	
	2nd Dispute								1	2	1	2	1	2	
	3th Dispute								1	2	1	2	1	2	
	4th Dispute								1	2	1	2	1	2	
	5th Dispute								1	2	1	2	1	2	

Table-6		Table-7		Table-8		Table 9	
Camps	Code	Causes	Code	If resolved, how did you resolve	Code	Effect of land use contract on ease of resolution	Code
Winter camp	1	Other herder started to use pastureland for gathering hay that you use under PURP land use contract	1	Settled through informal arrangements	1	Easier	1
Spring camp	2	Other herder started to use pastureland for grazing animals that you use under PURP land use contract	2	Settled by the soum governor's office	2	No effect	2
Summer camp	3	Other herder started to use pastureland for gathering hay that you used traditionally or informally	3	Settled in court	3	More difficult	3
Autumn camp	4	Other herder started to use pastureland for grazing animals that you used traditionally or informally	4	Other	4	Don't Know	888
Other	5	Your household started to use pastureland for gathering hay that a different herder claimed as their own (used traditionally or informally)	5	Do not know	888	Refused	999
		Your household started to use pastureland for grazing animals that a different herder claimed as their own (used traditionally or informally)	6	Refused	999		
		Mining company wanted to use your pastureland to explore or extract minerals	7				
		Non-mining company or organization wanted to use your pastureland	8				
		Government excluded your household from using pastureland	9				
		Other	10				

Specify other places (16.5.1 or 16.6.1)	Specify other causes (16.5.2 or 16.6.2)	Specify other methods of resolution (16.5.7 or 16.6.7)
1st Dispute	1st Dispute	1st Dispute
2nd Dispute	2nd Dispute	2nd Dispute
3th Dispute	3th Dispute	3th Dispute
4th Dispute	4th Dispute	4th Dispute
5th Dispute	5th Dispute	5th Dispute

17. CURRENT PROJECT BENEFICIARY HOUSEHOLDS (Q3.19 = 1 or 2)

	In your opinion, how beneficial was the rangeland lease to your household?	Response				Code	Sup	
17.1.	Choices	Very beneficial	1					
		Slightly beneficial	2					
		Neutral	3					
		Caused more problems than benefits	4					
		Don't know	888					
		Refused	999					
17.2.	Please rank the importance of the project activities to your household (1 = most important) [if they did not receive one of the benefits, leave that row blank] (Instruction to enumerator: read all the options first, before ranking them)					Rank	Sup	
17.2.1.	Training							
17.2.2.	Pasture lease							
17.2.3.	Well							
17.2.4.	Alfalfa seed							
17.2.5.	Fencing material							
17.2.6.	Animal shelter material							
#	QUESTION	Yes	No	DNK	Refused	Code	Sup	
17.3.	Is your household responsible for paying back some portion of your herder group's money for PURP materials to the soum development fund?	1	2	888	999			
If "2", "888", "999" > Q17.7								
#	QUESTION	Amount (MNT)				Sup		
17.4.	In the last 12 months, how much has your household paid to the soum development fund as repayment for materials received from PURP? (Total amount, MNT) (If 0 tugrug > Q22)							
#	QUESTION	Yes	No	DNK	Refused	Code	Sup	
17.5.	Have you had any difficulty in finding the money to make your payments to the soum development fund? > Q22	1	2	888	999			

18. FORMER PURP HOUSEHOLD (Q3.19 = 3)

	Choices	Response				Code	Sup		
18.1.	Before	1							
	After	2							
	Don't know	888							
	Refused	999							
18.2.	When did you household drop out of the PURP project?				Year	Month			
18.3.	What were your household's reasons for dropping from the PURP project? → Section 22				Yes	No	DNK	Code	Sup
18.3.1.	Topics	Gave up herding	1	2	888				
18.3.2.		Conflicts with other group members	1	2	888				
18.3.3.		Moved to different area	1	2	888				
18.3.4.		Unable to pay their share of payment to soum development fund	1	2	888				
18.3.5.		Other (specify)	1	2	888				

INSERT CLARIFICATION FOR SECTION 18.3.5 HERE\

Other 18.3.5	
--------------	--

19. CONTROL HOUSEHOLDS (Q3.19 = 5 or 6)

#	Question	Yes	No	DNK	Refused	Code	Sup
19.1.	Does your household think that leasing pastureland under the Peri-urban rangeland lease project is good idea in general?	1	2	888	999		
#	Question	Yes	No	DNK	Refused	Code	Sup
19.2.	Does your household currently graze any of its animals on the area your group applied for, during any part of the year?	1	2	888	999		
#	Question	Yes	No	DNK	Refused	Code	Sup
19.3.	Do you think that the way the PURP leases were allocated (by the lottery) was fair? → Section 22	1	2	888	999		

20. QUESTIONS FOR PURP NEIGHBOR HOUSEHOLDS (Q3.19 = 4)

#	Question	Yes	No	DNK	Refused	Code	Sup
20.1.	Do you know about the PURP?	1	2	888	999		
If 1 → Q20.5							
#	Question	Yes	No	DNK	Refused	Code	Sup
20.2.	Does your household think that it is a good idea in general for the government to lease pastureland to individual herder groups?	1	2	888	999		
#	Question	Yes	No	DNK	Refused	Code	Sup
20.3.		1	2	888	999		

**Peri-Urban Rangeland Project, Phase 2, Wave 3
Household Questionnaire**

	Does your household currently graze any of its animals on the area shown on this map, during any part of the year? (<i>show map of neighbouring PURP group lease area</i>)	→ Section 22							
#	Question	Yes	No	DNK	Refused	Code	Sup		
20.4.	Does your household think that leasing pastureland under the Peri-urban rangeland lease project is good idea in general?	1	2	888	999				
#	Question	Yes	No	DNK	Refused	Code	Sup		
20.5.	Has your household ever wanted to use an area of pastureland but been prevented from using it because of a PURP land use contract?	1	2	888	999				
#	Question	Yes	No	DNK	Refused	Code	Sup		
20.6.	Does your household currently graze any of its animals on the area now leased by [insert neighbor PURP group name here]?	1	2	888	999				
#	Question	Yes	No	DNK	Refused	Code	Sup		
20.7.	Has your household ever used the well of [group X] that was built by PURP?	1	2	888	999				
20.8.	Overall, what has been the effect on your household of your neighbours receiving a pasture use contract from PURP?				Response		Code	Sup	
	Choices	Positive				1			
		Neutral				2			
		Negative				3			
		Don't know				888			
		Refused				999			

21. QUESTIONS FOR CONTROL NEIGHBOR HOUSEHOLDS (Q3.19= 7)

#	Question	Yes	No	DNK	Refused	Code	Sup
21.1.	Do you know about the PURP?	1	2	888	999		
		If 1 → Q21.3					
#	Question	Yes	No	DNK	Refused	Code	Sup
21.2.	Does your household think that it is a good idea in general for the government to lease pastureland to individual herder groups?	1	2	888	999		
		→ Skip to 21.5					
#	Question	Yes	No	DNK	Refused	Code	Sup
21.3.	Does your household think that leasing pastureland under the Peri-urban rangeland lease project is good idea in general?	1	2	888	999		
#	Question	Yes	No	DNK	Refused	Code	Sup
21.4.	Has your household ever wanted to use an area of pastureland but been prevented from using it because of a PURP land use contract?	1	2	888	999		
#	Question	Yes	No	DNK	Refused	Code	Sup
21.5.	Does your household currently graze any of its animals on the area shown on this map, during any part of the year? (<i>show map of control group applied lease area</i>)	1	2	888	999		

22. POLITICAL PARTICIPATION

#	Question	Choice of codes	Answer	Skip pattern
22.1	Did you vote in the 2016 Parliamentary election?	1=Yes, 2=No 888=Don't Know 999=Refused to Answer		If=2, go to 22.2, otherwise go to 22.1.1
22.1.1	What is the primary reason you didn't vote?	1. Out of the country 2. Due to illness 3. Due to distance 4. Didn't want to vote 5. Party wasn't represented 6. Prevented from voting 7. Didn't have time to vote 8. Scared to vote 9. Did not get voting card in time 10. Not on list at polling location 11. Other (Please specify.) 888= Don't Know 999= Refused to Answer		If = 11, go to "other 22.1.2", before continuing to 22.2
22.2	In general, do you feel that your local politicians are fairly chosen?	1=Yes 2=No 888=Don't Know 999= Refused to Answer		
22.3	In the last 12 months, how often have you and other households jointly petitioned government officials, political leaders or other non-governmental organizations with village development as their goal?	Number: _____		
22.4	What would you say are currently the top three	1=Health care 2=Roads		

Peri-Urban Rangeland Project, Phase 2, Wave 3
Household Questionnaire

	development priorities of this community? [DO NOT Read Answer choices]	3=Education 4=Water supply 5= Animal health 6= land/use, possession, ownership 7=pasture use, possession 8= Employment 9=electricity 10=communication (mobile network, internet, etc.) 11= Other (Please specify.) 888=Don't Know 999=Refused to Answer		
22.5	In general, do you trust the government to fairly and effectively implement laws?	1=Yes 2=No 888= Don't Know 999= Refused to Answer		
22.6	How satisfied are you with the government's provision of the following public services? (Enter any comments the respondent gives below. No need to ask, only record if offered)			
22.6.1	Roads and basic infrastructure	1=Very satisfied 2=Satisfied 3=Unsatisfied 4=Very unsatisfied 888=Don't know 999=Refused to Answer		
22.6.2	Education	1=Very satisfied 2=Satisfied 3=Unsatisfied 4=Very unsatisfied 888=Don't know 999=Refused to Answer		
22.6.3	Health care provision	1=Very satisfied 2=Satisfied 3=Unsatisfied 4=Very unsatisfied 888=Don't know 999=Refused to answer		
22.6.4	Animal Health (including prevention and treatment of disease or other animal health related issues)	1=Very Satisfied 2=Satisfied 3= Unsatisfied 4= Very Satisfied 888=Don't know 999=Refused to answer		
22.6.5	Electricity (availability, supply, reliability, etc.)	1=Very Satisfied 2=Satisfied 3= Unsatisfied 4= Very Satisfied 888=Don't Know 999=Refused to answer		
22.6.6	Water Supply	1=Very Satisfied 2=Satisfied 3= Unsatisfied 4= Very Satisfied 5=No opinion 888=Don't Know 999=Refused to answer		
22.7	Do you believe that it is possible to be successful on your own or a large group that supports each other is necessary?	1=It is possible to be successful on your own 2=A large group is necessary to be successful 888= Don't Know 999= Refused to Answer		
22.8	Do you believe that having money is important to be happy?	1=Indispensable to be happy 2=Very important to be happy 3=Important to be happy 4=Not important to be happy 888= Don't Know 999 = Refused to Answer		
22.9	In general, people who put effort into working end up much better, better, worse, or much worse than those that do not put an effort?	1=Much better than those that do not put an effort 2=Better than those that do not put an effort 3=Worse than those that do not put an effort 4=Much worse than those that do not put an effort 888= Don't Know 999= Refused to Answer		

22.10	In general, in Mongolia, would you say that one can trust other people or that people cannot be trusted?	1=You can trust others 2=You cannot trust others 888= Don't Know 999= Refused to Answer		
22.11	Some people think government should be more involved in solving problems in society. Others think that governments get in the way and that people can solve problems on their own. Where would you put yourself?	1=governments always better 2=governments are sometimes better 3=governments are not usually better 4=governments are never better		

INSERT CLARIFICATION FOR QUESTION 22.1 AND 22.4

Other 22.1.1	
Other 22.4	

24. INTRA-HOUSEHOLD DYNAMICS AND SURVEY PARTICIPATION (DO NOT ASK RESPONDENTS. ENUMERATOR MUST COMPLETE THIS SECTION SEPARATELY)

QUESTION:		Present during the interview?		Participated		Rank	Sup
		Yes	No	Yes	No	Rank level of participation for each adult member (1=first most involved, 2=second most, etc.). Only rank those that participated.	
24.1.							
24.1.1.	Household adult member #1	1	2	1	2		
24.1.2.	Household adult member #2	1	2	1	2		
24.1.3.	Household adult member #3	1	2	1	2		
24.1.4.	Household adult number #4	1	2	1	2		
24.1.5.	Household adult number #5	1	2	1	2		
24.1.6.	Household adult number #6	1	2	1	2		
24.1.7.	Household adult number #7	1	2	1	2		
24.1.8.	Household adult number #8	1	2	1	2		

24.2.	Were there any other participants in the interview (non-household members, e.g. hired herders)?If “2”→Q24.5					Yes	No	Code	Sup	
						1	2			
24.3.	Who else participated?					Response		Code	Sup	
	Choice	Hired herder				1				
		Relative				2				
		Other (specify)				3				
		Don't Know				888				
24.4.	Which sections did they contribute to? List Section #s									
24.5.	How common were disagreements among family members about the answer to a QUESTION?				None	Not Common	Little Common	Common	Very Common	Sup
					1	2	3	4	5	
24.6.	Was there one family member whose opinion usually prevailed? (If “2”, skip 24.7)					Yes	No	Code	Sup	
						1	2			
24.6.1.	If yes: Which member? (write the member’s number)									
24.7.	Who did the enumerator perceive as the primary decision-maker in the household? (write the member’s number)									
24.8.	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)					Section #	Question #	Sup		
24.8.1.	Controversial section #1									
24.8.2.	Controversial section #2									
24.8.3.	Controversial section #3									
24.8.4.	Controversial section #4									
24.8.5.	Controversial section #5									
24.9.	Any other comments on the relationships between household members									

INSERT CLARIFICATION FOR QUESTION 24.3

Other 24.3	
------------	--

SERIAL NUMBERS OF PHONE UNITS

24.10	24.10.1. Mobile operators	24.10.2 Serial numbers
	1. Mobicom 2. Unitel 3. G-mobile 4. Skytel	

25.SURVEY INTERVIEW VALIDATION

#	QUESTION	Supervisor
25.1.	Interview start date, time <input type="text"/> <input type="text"/> month <input type="text"/> <input type="text"/> day <input type="text"/> <input type="text"/> hour <input type="text"/> <input type="text"/> Min	
25.2.	Interview completed date, time <input type="text"/> <input type="text"/> month <input type="text"/> <input type="text"/> day <input type="text"/> <input type="text"/> hour <input type="text"/> <input type="text"/> Min	
25.3.	Interview continuation period <input type="text"/> <input type="text"/> <input type="text"/> Min	
25.4.	Level of respondents cooperation	Low 1 <input type="text"/> Code
		Moderate 2 <input type="text"/>
		High 3 <input type="text"/>
25.5.	Enumerator name <input type="text"/>	
25.6.	Number of photos taken <input type="text"/>	
25.6.1.	1 st photo ID <input type="text"/>	
25.6.2.	2 nd photo ID <input type="text"/>	
25.6.3.	3 rd photo ID <input type="text"/>	
25.6.4.	4 th photo ID <input type="text"/>	
25.7.	Enumerator signature <input type="text"/>	
25.8.	Team Leader name <input type="text"/>	
25.9.	Number of photo validated by Team Leader (Team Leader checks and validates every single photo taken) <input type="text"/>	
25.10.	Questionnaire page numbers validated by team Leader (out of a total of 35 pages) <input type="text"/>	
25.11.	Team Leader signature <input type="text"/>	

SPECIAL NOTE # 3

Note taken by (name)	