ACCORDING TO PROVISION 3 OF ARTICLE 22 OF THE LAW ON STATISTICS, CONFIDENTIALITY OF INFORMATION SHALL BE STRICTLY MAINTAINED.

# COPING WITH SHOCKS IN MONGOLIA: HOUSEHOLD QUESTIONNAIRE (4th WAVE) SECTION 0 - GENERAL QUESTIONNAIRE

1. Household address part	
Household registration number	17. GPS coordinates of household
	N .
2. Household number in panel survey	E
3. Enumeration Area code	3. Results part
4. Aimag name	18. Number of visits, result
5. Soum name	Visits Survey date Result
5. Soulli fidille	Year Month Day
6. Bag name	a. First visit
Code	b.Second visit
7. Aimag code	c.Third visit
8. Soum code	* Result codes
·	Interview completed 1
9. Bag code	Interview partially completed 2 No adult to respond 3
10. Strata	No respondent at home 4
Aimag center 2	Postponed 5
Soum center 3	Refused 6
Rural 4	Other (specify) 7
11. Address	
	Interview time
12. Phone number	19. Started
13. Name of head of household	20. Finished
TO. HAIRO OF HOUSEHOLD	
14. Number of household members	
2. Field team part	
15. Supervisor name and ID	
16. Enumerator name and ID	

#### (A) INDIVIDUAL QUESTIONNAIRE

#### **SECTION 1. HOUSEHOLD ROSTER**

Subsection 1.1 Household roster - old members (all persons who were recorded as household members during the third wave)

ASK QUESTIONS IN PART (A) TO THE HEAD OF HOUSEHOLD IF THE HEAD IS AVAILABLE. IF THE HEAD IS NOT AVAILABLE, ASK ANOTHER SENIOR PERSON IN THE HOUSEHOLD WHO IS WELL INFORMED ABOUT ALL HOUSEHOLD MEMBERS. PLEASE ASK GENERAL INFORMATION FOR THE ABSENT HOUSEHOLD MEMBERS AS WELL.

			1,01	1,02	1,03	1,04			1,05	1,06	1,07	1,08	1,09
			1,01	1,02	1,03	1,04			PERSONS> 15 YEARS	1,00	1,07	1,00	1,03
COPY THE ID CODE OF PERSONS FROM THE HOUSEHOLD ROSTER OF WAVE 3	COPY THE I HOUSEHOLD FROM W	MEMBERS	Is this person still member of the household?	What is the relationship of [NAME] to the head of household today?  Head 1 Wife/husband 2 Son/daughter 3 Father/mother 4 Brother/sister 5 Father-in-law/mother-in-law 6	Sex of [NAME] ?	Day of birth	of [NAMI	≣]?	What is the marital status of [NAME]?	Has [NAME] been absent from this household for 1 day or more during the past month?	many days has [NAME] been away from this household	Has [NAME] been away from this household for more than 1 month at any time in the past 12 months [since MONTH/YEAR]?	For how many months during the past 12 months has [NAME] been away from this household for more than 1 month?
			Yes 1 No ► NEXT PERSON 2	Son-in-law/daughter-in-law         7           Grandparent         8           Grandchild         9           Other relative         10           Not related         11	Male 1 Female 2				Marriage registered         2           Marriage not registered         3           Separated         4           Divorced         5           Widowed         6	Yes 1 No ▶ 1,08 2		Yes 1. No ► NEXT PERSON 2.	
ID Code	a. Surname	b. Name	1			a. Year	b. Month	c. Day			Days		Months
									+				
										1	1		
					-		<b> </b>						
	l	L	<b>L</b>	l	L	i	1			L	L	l	l .

PLEASE SPECIFY IN CASE AN ADDITIONAL PAGE WAS USED

## Subsection 1.2 Household roster - new members (all persons who were NOT recorded as household members during the third wave)

	1,10		1,1	1					1,12	1,13	1,14	1,15						
	Record the nan household men not present dur wave	nbers who were	who were the household? h		Why did [NAME] join the household?	What is the relationship of [NAME] to the head of household?	Sex of [NAME]?	Date o	of bii	rth o	f [NA	AME]?						
Code									Birth 1	New Head1Wife/husband2Son/daughter3								
									Got married to a hh member 2 Divorced/Separated 3 Widowed 4	Brother/sister 5								
									Widowed 4 Work 5 Schooling/studying 6	Father-in-law/mother-in-law 6 Son-in-law/daughter-in-law 7 Grandparent 8								
									Is cared for by this household 7 Other (specify) 8	Grandchild 9 Other relative 10	Male 1 Female 2							
	a. Surname	b. Name		a. <b>`</b>	Year		b. N	1onth	<u> </u>	Not related 11		,	a. Ye	ar		b. Mont	n c	. Day
41																		
42																		
43					İ	L							i	i				
				lacktree									_	_			+	
44				+									_	_			+	
45																		
46																		
47													Ī	Ī				
48																		
49													i	İ				
																	+	
50						1												1

## **Subsection 1.2 Household roster - new members (continuation)**

	1,16	1,17	1,18	1,19	1,20
	1,11	- <b>,</b>	.,	.,	PERSONS> 15 YEARS
	Has [NAME] been	For how many days	Has [NAME] been away from	For how many months during the	What is the marital status of
	absent from this			past 12 months has [NAME]	[NAME]?
	household for 1 day	from this household in	month at any time in the past 12	been away from this household	
	or more during the	the past month?	months [since MONTH/YEAR]?	for more than 1 month?	
<u>o</u>	past month?				
Code					
_					
					Never 1
					Married  Marriage registered 2
					Marriage not registered 3
					Separated 4
	Yes 1 No ▶1.18 2		Yes 1		Divorced 5
	No ▶1,18 2		No ▶1,2 2		Widowed 6
		Days		Months	
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					

**<sup>1,21</sup>** How many persons usually live in your household, including yourself?

COMPARE THIS FIGURE AGAINST THE LIST OF NAMES (OLD AND NEW MEMBERS) AND CLARIFY IF NECESSARY.

## Subsection 1.3 Household roster - members who left since wave 3 (Question 1,01=2)

	1,22	1,23	}					1,24	1,25
COPY THE ID	Why is [NAME] no longer member of the household?		en dic cease		AME	] lea	ave	Age of [NAME] when he/she left?	What was the relationship of [NAME] to the head of household?
PERSONS WHO ARE NO	Married 1								Head 1 Wife/husband 2
LONGER									Son/daughter 3
HOUSEHOLD	Divorced/separated 2								Father/mother 2
MEMBERS	Schooling/studying 4								Brother/sister
FROM THE	Got work 5		► NEXT PE						Father-in-law/mother-in-law
HOUSEHOLD	Looking for work 6	► NEXT PERSON			ON			Son-in-law/daughter-in-law 7	
ROSTER	Accompany parent(s) 7	► NEXT PERSON				OIV			Grandparent 8
	Went to live with other relatives 8						*** 00***** ===	Grandchild	
	Deceased 9							IN COMPLETE YEARS	Other relative
	Other (specify) 10							TLANS	Not related 11
ID Code			a. Ye	ear	b. Month		onth	Age	
								_	

#### SECTION 2. EDUCATION Subsection 2.1 School year 2019/20

FOR INDIVIDUALS 6-29 YEARS

	2,01	2,02		2,03		2,04	2,05	2,06			
	Does/did	In which grade is/was [NAM	IE]	Where is/was	the school	For how many	Does/did	How much has y	our household s	pent in the 2019/	20 school year on
	[NAME]	enrolled in the 2019/20 scho	ool	located?		weeks did	[NAME] stay	[NAME]'s educa	tion?		
COPY THE ID	attend	year?				[NAME] not	at a boarding				
CODE OF ALL	school or					attend school	school in the	IF PAYMENTS .	ARE MADE IN KIND	ESTIMATE VALUE I	N ,000 TUGRUG.
MEMBERS 6-	university in					because of the	2019/20				
29 YEARS	the 2019/20					new coronavirus	school year?		IF NO COS	STS WRITE 0	
FROM	school year?	a. School type	h Grade	a. Aimag / UB	b. Soum	infection (COVID-		a. Tuition and	b. Room rent,	c. Transport	d. Books, supplies
HOUSEHOLD			D. Graac	a. Amag / OB	D. Couiii	19) in the		Fees	dorm room rent	o. manoport	and uniforms
ROSTER		EBS (General Education Scl 1				2019/20 school					
		Vocational 2				year?		ONLY TUITION			
	Yes 1	College/University 3					Yes	AND FEES PAID BY HOUSEHOLD			
	No 2	Other (specify) 4			1		No 2				
ID Code	NEXT PERSON			Name	Name	Weeks		,000 Tugrug	,000 Tugrug	,000 Tugrug	,000 Tugrug

## Subsection 2.2 School year 2020/21 FOR INDIVIDUALS 6-29 YEARS

NO.	QUESTION	CODING CATEGORIES	ANSWER
2,07	ENUMERATOR: DOES THE INTERVIEW TAKE PLACE BEFORE SEPTEMBER 2020?	Yes 1 — No 2	Section 3

	2,08	2,09	2,10		2,11	2,12	2,13					
COPY THE ID CODE OF ALL MEMBERS 6- 29 YEARS	Does [NAME] attend school or university in the 2020/21 school year?	In which grade is [NAME] enrolled in the 2020/21 school year?	de is [NAME] enrolled Where is the school school year?		weeks did stay [NAME] not boa attend school sch because of the coronavirus sch		How much has your household spent in the 2020/21 school year on [NAME]'s education?  IF PAYMENTS ARE MADE IN KIND ESTIMATE VALUE IN ,000 TUGRUG.  IF NO COSTS WRITE 0					
FROM HOUSEHOLD ROSTER	<u>Yes 1</u>	EBS (General Education Sch. 1 Vocational 2 College/University 3	e a. Aimag / UB	b. Soum	(COVID-19) in the 2020/21 school year?	Yes 1	a. Tuition and Fees  ONLY TUITION AND FEES PAID BY HOUSEHOLD	b. Room rent, dorm room rent	c. Transport	d. Books, supplies and uniforms		
ID Code	No 2 ▶ NEXT PERSON	Other (specify) 4	Name	Name	Weeks	No 2	,000 Tugrug	,000 Tugrug	,000 Tugrug	,000 Tugrug		

#### **SECTION 3: HEALTH**

FOR <u>ALL</u> HOUSEHOLD MEMBERS. IF HE/SHE IS PRESENT, ASK EACH MEMBER DIRECTLY. IF A PERSON IS NOT PRESENT, ASK THE HEAD OR SENIOR MEMBER OF THE HOUSEHOLD ABOUT THE HEALTH CONDITION OF ABSENT PERSON.

	3,01	3,02	3,03	3,04	3,05	3,06				3,10
				> 6 Years				licine	Hospi	
	Is [NAME]	Does [NAME]		Last month, how			Did the		During the past 12	How much did the
	responding		have any health		did [NAME]		household	the household		household spend in
COPY THE ID	himself/	serious		work and school			purchase any	spend on	MONTH/YEAR], did	total on [NAME]'s
CODE OF ALL	herself?			did [NAME] miss		costs related to		[NAME]'s	[NAME] stay at a public	stay at a hospital or
MEMBERS		physical			facility	[NAME]'s visit			or private hospital or	clinic in the past 12
FROM THE HOUSEHOLD		disabilities? (physical,			because of health	of a health facility last	month?	month?	clinic overnight?	months?
ROSTER.		mental,			problems?	month?				INCLUDE COSTS
7.00727.		speaking,			problems:	monur:				FOR TREATMENT,
		hearing \								TRANSPORTATION,
	Vos 1	Voc. 1	Vos. 1		Yes 1		Yes 1		Yes 1	GIFTS AND INFORMAL
	Yes 1 No 2	Yes 1 No 2	Yes 1 No ▶3,05 2		No ▶3,07 2		No ►3,09 2			PAYMENTS
ID Code				Days		,000 Tugrug		,000 Tugrug		,000 Tugrug
ID Code				Days		,000 rugrug		,000 rugrug		,000 Tugiug
										_
			1							

## SECTION 4. EMPLOYMENT Subsection 4.1 Employment in last 7 days

FOR INDIVIDUALS 10 YEARS AND OLDER.

	4,01	4,02	4,03	4,04	4,05
COPY THE ID	kind of work in last 7		What is the main reason that [NAME] did not work during last 7 days in his/her permanent job?	Did [NAME] look for work in last 7 days?	What was the main reason that [NAME] did not look for work during last 7 days?
CODE OF MEMBERS 10 YEARS AND OLDER FROM THE HOUSEHOLD		[NAME] did not work in last 7 days?	Sick 1 Maternity 2 Cared for other household member(s) 3		Student/too young 1 Retired/too old 2 Sick/disabled 3 Cared for other household member(s) 4
ROSTER	Yes ► NEXT PERSON 1 No 2	Yes 1 No ▶ 4,04 2	Vacation         4         NEXT           Seasonal break         5         PERSON           Military service         6         Record of the control orders         7           Lockdown due to coronavirus         8         Other (specify)         9	Yes ► NEXT PERSON 1 No 2	Military service         5           No work available         6           Waiting for busy season         7           Did not want to work         8           Lockdown due to coronavirus         9           Other (specify)         10
ID Code			Other (specify) 9		Other (specify) 10

## **Subsection 4.2 Employment Filter**

FOR INDIVIDUALS 10 YEARS AND OLDER.

	4,06	4,07	4,08	4,09	4,10	4,11	4,12	4,13
COPY THE ID CODE OF MEMBERS 10 YEARS AND OLDER FROM THE HOUSEHOLD ROSTER	In the past 12 months [since MONTH/YEAR], did [NAME] work anytime in herding activities?	herding for the household or did [NAME] work as	months, did [NAME] work anytime in non- herding activities?	Did [NAME] work in the household's non-herding business or did [NAME] have a non-herding wage job for someone who is not a member of your household (for another person, a company, or	ENUMERATOR: DID THIS PERSON WORK IN HERDING FOR THE HOUSEHOLD?	ENUMERATOR: DID THIS PERSON WORK AS HIRED HERDER?	ENUMERATOR: DID THIS PERSON WORK IN THE HOUSEHOLD'S NON-HERDING BUSINESS?	ENUMERATOR: DID THIS PERSON HAVE A NON- HERDING WAGE JOB?
NOOTEN				the government)?	(Q 4,07 answer 1 or answer 3)	(Q 4,07 answer 2 or answer 3)	(Q 4,09 answer 1 or answer 3)	(Q 4,09 answer 2 or answer 3)
		For household 1 As hired herder outside the		For household 1 Wage job outside the	IF YES FILL IN SECTION 4.3	IF <b>YES</b> FILL IN SECTION <b>4.4</b>	IF <b>YES</b> FILL IN SECTION <b>4.5</b>	IF <b>YES</b> FILL IN SECTION <b>4.6</b>
15.0.1	Yes 1 No ▶4,08 2	household 2	Yes 1 No ▶4,10 2	household 2 Both 3	Yes 1 No 2	Yes 1 No 2	Yes 1 No 2	Yes 1 No 2
ID Code	No ▶4,08 2	Both 3	No ▶4, 10 2	Both	NO Z	NO Z	NO Z	NO Z

## Subsection 4.3 Working in Herding for the Household

FOR IN DIVIDUALS 10 YEARS AND OLDER WITH Q4,10 YES IN EMPLOYMENT FILTER

	4,14	4,15												4,16	4,17
COPY THE ID CODE OF MEMBERS 10 YEARS AND OLDER DOING HERDING FOR THE HOUSEHOLD	did [NAME] work every month or only some months in herding for the household?	housel TH RE	sehold?  THIS QUESTION REFERS TO ANY WORK DONE IN HERDING FOR THE HOUSEHOLD, REGARDLESS IF THE PERSON DID ANY OTHER KIND OF WORK AT THE SAME TIME.  REPLACE "X MONTHS AGO" WITH THE REAL NAME OF THE MONTH AND YEAR WHEN ASKING THIS QUESTION.										Last week, how many days did [NAME] work in herding?	How many hours did [NAME] work in herding on an average day?	
(Q 4,10 YES FROM THE EMPLOYMENT FILTER)	Every month ▶4,16 1 Some months 2	1 .[12 MONTHS AGO]	2. [11 MONTHS AGO]	3. [10 MONTHS AGO]	4. [9 MONTHS AGO]	5. [8 MONTHS AGO]	6. [7 MONTHS AGO]	7. [6 MONTHS AGO]	8. [5 MONTHS AGO]	9. [4 MONTHS AGO]	10. [3 MONTHS AGO]	11. [2 MONTHS AGO]	12. [1 MONTH AGO]		MAKE SURE THE ANSWER DOES NOT EXCEED 18 HOURS
ID Code				ı	W	RITE 1 I	N EACH	MONTH	WORKE	D	ı	"	ı	Days	Hours per day
	I.	<u> </u>		1	1	1				1	1	1	1	1	I

## Subsection 4.4 Working as Hired Herder for Someone Outside the Household

FOR INDIVIDUALS 10 YEARS AND OLDER WITH Q4,11 YES IN EMPLOYMENT FILTER

	4,18	4,19	4,20												4,21	4,22
CODE OF MEMBERS 10 YEARS AND OLDER WORKING AS HIRED HERDER FOR SOMEONE		In the past 12 months, did [NAME] work every month or only some months as hired herder?	THIS	QUESTI THE	ON REF PERSO	FERS TO	O ANY I ANY OT WITH 1	WORK E THER KI	OONE A ND OF I	S HIRE WORK I	D HERD AT THE	as hired ER, REG SAME T	GARDLE IME.	ESS IF	Last week, how many days did [NAME] work as hired herder?	How many hours did [NAME] work as hired herder on an average day?
(Q4,11 YES FROM THE EMPLOYMENT FILTER)		every month ▶4,21 1 some months 2	1. [12 MONTHS AGO] 2. [11 MONTHS AGO] 3. [10 MONTHS AGO] 4. [9 MONTHS AGO] 5. [8 MONTHS AGO] 6. [7 MONTHS AGO] 7. [6 MONTHS AGO] 8. [5 MONTHS AGO] 9. [4 MONTHS AGO] 10. [3 MONTHS AGO] 11. [2 MONTHS AGO]												MAKE SURE THE ANSWER DOES NOT EXCEED 18 HOURS	
ID Code	Number					WF	RITE 1 II	N EACH	MONT	H WOR	KED			•	Days	Hours per day
																1

## Subsection 4.4 Working as Hired Herder for Someone Outside the Household (Continuation)

FOR INDIVIDUALS 10 YEARS AND OLDER WITH Q4,11 YES IN EMPLOYMENT FILTER. QUESTIONS REFER TO CURRENT JOB. IF A PERSON DOES NOT CURRENTLY WORK AS HIRED HERDER, REFER TO HIS/HER LAST JOB AS HIRED HERDER.

	4,23	4,24						4,25	4,26	4,27	4,28
				age as			er				
OF MEMBERS 10	How frequently does [NAME] receive payments?	How much of payment?	does [N	NAME]	receiv	e as		Did [NAME] receive food as payment from his/her employer?	Did [NAME] receive clothes as payment from his/her employer?	[NAME] to his/her	Did [NAME] move to the employer alone or did [NAME] bring other family members along?
		a. Cash		b. Numl	ber of I	ivestocl	k				
(Q4,11 YES FROM THE EMPLOYMENT FILTER)	Per day         1           Per month         2           Per season         3           Not yet received ▶ 4,27         4           Other (specify)         5	,000 Tugrug	1. Horse	2. Cattle	3. Camel	4. Sheep	5. Goat	Yes, all food         1           Yes, some food         2           No         3	Yes, all clothes         1           Yes, some clothes         2           No         3	Close relative (parents, children, sibling) 1 Distant relative 2 Not related 3	Alone 1 Brought family 2 Does not live with employer 99
ID Code											

## Subsection 4.5 Activities in the Household's Non-Herding Business

FOR INDIVIDUALS 10 YEARS AND OLDER WITH Q4,12 YES IN EMPLOYMENT FILTER

	4,29	'		4,30	4,31												4,32	4,33
CODE OF MEMBERS 10 YEARS AND OLDER WORKING IN NON-HERDING	What were [NAN activities in the hon-herding bus (including gold mast 12 months MONTH/YEAR]?	ious ines ninis [sin	sehold's ss <u>ng)</u> in the	In the past 12 months, did [NAME] work every month or only some months in the household's non- herding business?	busir THI N	ness? IS QUE ON-HE	STION RDING OT	REFE BUSII HER K	RS TO NESS, IND OI	hich n ANY V REGAI F WOR VITH TH	VORK RDLES K AT T HE REA	DONE S IF TI THE SA	IN THE HE PEF ME TIN	- HOUS RSON ME.	SEHOL DID AN	LD'S NY	Last week, how many days did [NAME] work in this business?	How many hours did [NAME] work in this business on an average day?
(Q4,12 YES FROM THE EMPLOYMENT FILTER)	a. Describe business	b.	Business Code	Every month ▶4,32 1 Some months 2	1. [12 MONTHS AGO]	2. [11 MONTHS AGO]	3. [10 MONTHS AGO]	4. [9 MONTHS AGO]	5. [8 MONTHS AGO]	6. [7 MONTHS AGO]	7. [6 MONTHS AGO]	8. [5 MONTHS AGO]	9. [4 MONTHS AGO]	10. [3 MONTHS AGO]	11. [2 MONTHS AGO]	12. [1 MONTH AGO]		MAKE SURE THE ANSWER DOES NOT EXCEED 18 HOURS
ID Code								WRIT	E 1 IN	EACH	MONT	H WO	RKED				Days	Hours per day
																		-

## Subsection 4.6 Working in Non-Herding Wage Job for Someone Outside the Household

FOR INDIVIDUALS 10 YEARS AND OLDER WITH Q4,13 YES IN EMPLOYMENT FILTER

	4,34		4,35	4,36	4,37												4,38	4,39
OF MEMBERS 10 YEARS AND OLDER	What was [NAME]'s herding wage job du past 12 months [sind MONTH/YEAR]?	ring the		In the past 12 months, did [NAME] work every month or only some months in a non- herding wage job?	WORK THI REG	in n IS QUI ARDL	on-he ESTIC ESS I	erdin ON RE. IF THE	g wa FERS PERS AT TI	ge jo TO AI SON E HE SA GO" W	bs? NY NC DID AN NME TI	ON-HE NY OTI IME. THE RE	S did RDING HER K	G WA	GE JC OF WC	OB, ORK	,	How many hours did [NAME] work in this job on an average day?
(Q4,13 YES FROM THE EMPLOYMENT - FILTER)	a. Describe Job	b. Job Code		COUNT PAID VACATION AS WORK  Every month ▶ 4,38 1 Some months 2	1. [12 MONTHS AGO]	2. [11 MONTHS AGO]	3. [10 MONTHS AGO]	4. [9 MONTHS AGO]	5. [8 MONTHS AGO]	6. [7 MONTHS AGO]	7. [6 MONTHS AGO]	8. [5 MONTHS AGO]	9. [4 MONTHS AGO]	10. [3 MONTHS AGO]	11. [2 MONTHS AGO]	12. [1 MONTH AGO]		MAKE SURE THE ANSWER DOES NOT EXCEED 18 HOURS
ID Code			Number				И	VRITE	1 IN E	ACH	MONT	TH WC	RKEL	)			Days	Hours per day

#### Subsection 4.6 Working in Non-Herding Wage Job for Someone Outside the Household (Continuation)

FOR INDIVIDUALS 10 YEARS AND OLDER WITH Q4,13 YES IN EMPLOYMENT FILTER. QUESTIONS REFER TO CURRENT MAIN JOB. IF PERSON DOES NOT CURRENTLY HAVE A JOB, REFER TO HIS/HER LAST JOB.

	4,40	4,41	4,42	4,43		4,44	
COPY THE ID				Payments for	wage work		
MEMBERS 10	job:	Does [NAME] have an employment contract for this work?	Did [NAME] receive any payment for his/her work in the past 12 months?		es [NAME] receive y in cash?	as bonuses of payments?  IF NO BONUPAYMENTS WE	d [NAME] receive r special uses or special rite o and move to r person
(Q4,13 YES FROM THE EMPLOYMENT FILTER)	Government/public administration/army 1  State-owned enterprise 2  Private company/business 3  Private individual 4  Cooperative/organization 5	Yes 1 No 2	Yes 1 No 2 ▶NEXT PERSON	a. ,000 Tugrug	b. Frequency of payment  Per month 1  Per season 2  Per year 3  Other (specify) 4	a. ,000 Tugrug	b. Frequency of payment  Per month 1  Per season 2  Per year 3  Other (specify) 4
				<del></del>			

## (B) HOUSEHOLD QUESTIONNAIRE

QUESTIONS CONCERNING THE HOUSEHOLD: ASK QUESTIONS IN PART (B) TO THE HEAD OF HOUSEHOLD IF THE HEAD IS AVAILABLE. IF THE HEAD IS NOT AVAILABLE, ASK ANOTHER SENIOR PERSON IN THE HOUSEHOLD WHO IS WELL INFORMED ABOUT THE ECONOMIC ACTIVITIES OF THE HOUSEHOLD.

#### **SECTION 5. HOUSEHOLD NON-HERDING BUSINESS**

NO.	QUESTION	CODING CATEGORIES	ANSWER
5,01	Does any member of your household operate any non-herding	Yes 1	
	business which produces goods or services?	No 2—	→ Section 6
	PLEASE CHECK EMPLOYMENT FILTER IF Q4.12 = YES FOR ANY PERSON		

	5,02	5,03	5,04												5,05		
		Is this business registered?			ear, is yo GO]? Pr									ts).	What is you	our monthly pr	ofit on
				REPLAC	CE "X MO	NTHS A	GO" WIT	H THE RE	EAL NAN	IE OF TH	HE MON	TH AND	YEAR.				
Business Code	Sector of business		1. [12 MONTHS AGO]	2. [11 MONTHS AGO]	3. [10 MONTHS AGO]	4. [9 MONTHS AGO]	6. [8 MONTHS AGO]	6. [7 MONTHS AGO]	7. [6 MONTHS AGO]	8. [5 MONTHS AGO]	9. [4 MONTHS AGO]	10. [3 MONTHS AGO]	11. [2 MONTHS AGO]	12. [1 MONTH AGO]]	-	,000 Tugrug	
	a. b. Describe business Business	Code		Low									1	-	a. In a low profit	b. In an average profit month	c. In a high profit
		No 2	2	Average :										•	month		month
1																	
2																	
3																	

**5,06** ENUMERATOR: Write the ID Code of the person who answered this section.

## **SECTION 6. TRANSFER INCOME**

NO.	Transfer Income Code	6,01 Did your household or any single member receive [] in the past 12 months [since MONTH/YEAR]?	6,02 How much did the last time? a. ,000 Tugrug	household receive as [] the
		Yes 1  No 2  ► NEXT TRANSFER INCOME	2 ,000 1 ag. ag	Once per month 1 Once every two months 2 Once per year 3 Irregularly 4 Other (specify) 5
1	Old age pension			
2	Survivor's pension			
3	Disability pension and benefits			
4	Single parent pension			
5	Maternity benefit			
6	Child allowances (paid monthly in cash)			
7	Benefits for mothers with many children			
8	Unemployment benefits			
9	Allowances for students from the Government (paid monthly in cash)			
10	Other transfer income from the Government (e.g. funeral allowance, nursing allowance)			

## **SECTION 7. OTHER HOUSEHOLD INCOME**

NO.	QUESTION	CODING CATEGORIES	ANSWER
7,01	Did your household receive any inheritance in the past 12 months [since MONTH/YEAR]?	Yes 1 No 2 —	→ 7,04
7,02	How much livestock did your household receive as inheritance in the past 12 months?  IF NO LIVESTOCK RECEIVED WRITE 0	1 Horse	
7,03	How much cash or goods in total did your household receive as inheritance in the past 12 months?  EXCLUDE LIVESTOCK	,000 Tugrug	
7,04	Did your household receive any other income from renting out assets (apartments, gers, vehicles, equipment,) in the past 12 months?	Yes 1 No 2—	→Section 8

NO.	Other Income Code	MONTH/YEAR]	?  D NOT RENT ANY ( b. Number of live)	OF THE ASSETS WF	RITE O.	in the past 12 mo	onths [since 5. Goat
1	Apartments/gers						
2	Vehicles						
3	Equipment/tools						
4	Other assets						

## **SECTION 8. FARMING**

NO.	QUESTION						CO	DINC	G CA	TEG	OF	RIES	S				ANSWER
8,01	Has any member of your any land in the past 12 MONTH/YEAR]?				ned			Yes					.===.			1	
	WONTH/TEARJ!							No								2	Section 9
8,02	What is the total area	of all lar	nd farm	ned?	)			sqm									
8,03	Harvest and Income for the CROP NOT GROWN W.					12 m	nonth	s [sii	nce l	MON	TH	l/YE	AR	]?			
		a. To	tal harv	vest			b. T	otal	sold			С		come sellir	e fro	m	
			kg					kg					,000	) Tu	grug		
	1 Wheat																
	2 Grain																
	3 Oats																
	4 Potatoes										ļ						
	5 Carrots										L						
	6 Turnip																
	7 Cabbage																
	8 Onion																
	9 Garlic																
	10 Cucumber																
	11 Tomatoes																
	12 Watermelon										Ī						
	13 Melon										Ī						
	14 Seabuckthorn										Ī						
	15 Blackcurrant										Ī						
	16 <u>Hay</u>										Ī						
	17 Other								<u> </u>		ſ						
0.04				0	41		14	ONIT	1107								+
8,04	Expenditures in farming IF NO EXPENDITURE WR	-	past 1	2 m	onths	s įsino	ce IVI	ONI	H/YE	=AKJ	?						
												,00	0 Tı	ugru	g		
	a. Hiring person(s) to	help with	n farmi	ng													
	b. Seeds																
	c. Lease of land																
	d. Access to water																
	f Fencina											i					
	g. Equipment and tool																
	h Fertilizers																
	i. Pesticides																
	j. Raw materials																
	k Transportation	k. Transportation														 ]	
	I. Rent																
		e (encoif														<u></u>	
	m. Other expenditures	s (specii	y )														Ī

#### **SECTION 9. LIVESTOCK**

ALL QUESTIONS IN THIS SECTION REFER TO LIVESTOCK THE HOUSEHOLD OWNS (NOT LEASED LIVESTOCK).

NO.	QUESTIC	N										С	ODII	NG C	ATE	GO	RIES	;						ANSWER
9,01	ENUMER CURREN								DLD				Yes No								1 2			} → Section 10
9,02	Have your			k alre	eady	bre	d by	now	(at tl	he tii	me		The	, they y are y hav	bree	ding	now		breed		1 2 3			
9,03	What is th	ne tot	tal nı	ımbe	er of	live	stock	VOL	r hoi	iseh	old c	urrei										•		
3,03	I WHAT IS U	10 101	iai iii	ш	51 01	IIVC	Stock	. you		Γotal	old C		b. Rep		tive	C.	Newb ye	orns t	his	_				
				1. ⊦	lorse	)																		
				2. C	Cattle	<del>)</del>																		
					came															j				
				4. S	hee	р																		
				5. 0	Goat															]				
				6. T	otal																			
9,04	Changes in livestock in the past 12 months  a. Purchased in b. Home  Losses in the past 12 months																							
	ı	d. Ki		Losse y wild				nonth f. Die		e to	a. Lo	sses	due											
		mont	ths		the p	ast 1	ion in 2				anim		,	dzud			disea			to ot	her			
	1. Horse																							
	2. Cattle																						Ī	
	3. Camel																							
	4. Sheep																						<u>.</u>	
	5. Goat																						<u>.</u> 	
9,05	Income from	om s	ale c	of <u>live</u>	e live	estoc	k in	the p	ast	12 m	onth	ıs											4	
	•							a.	Nur	nber	solo	i	b. Ir	ncom	ne in	,000	Tug	rug	(tota	l)				
		1. <b>⊢</b>	lorse	<del>)</del>																				
		2. F	Race	Hors	se																			
		3. C	attle	)																				
		4. C	ame	el																				
		5. S	hee	p																				
		6. C	Goat																					
9,06	Income from	om s	ale c	of sla	ugh	tered	d live	stocl	k in t	he p	ast 1	12 m	onths	5										
-	-								Nur					ncom	ne in	,000	Tug	rug	(tota	I)				
		<u>1.</u> ⊦	lorse	<u> </u>							<u> </u>									]				
		2. C	attle	) 																]				
		3. C	ame	el																_				
		4. S	hee	o																				
		5. 0	Goat																					

9,07 To whom did the household sell most livestock in the past 12 months?  9,08 Does the household use the following means to get info	Trader/Changer         1           Marketplace/auction         2           Other herder(s)         3           Meat company         4           Government Meat Reserve         5           Agricultural Stock Exchange         6           Did not sell         99           ormation on the sales prices of livestock?
a. TV b. Radio c. Herders d. Visiting the market/shop owners/changers e. Newspaper f. Government g. NGOs h. Cellphone/SMS i. Internet j. Other	yes - 1 no - 2
9,09 What is the most important means to get information on the sales price of livestock?	TV         1           Radio         2           Herders         3           Visiting the market/shop owners/changers         4           Newspaper         5           Government         6           NGOs         7           Cellphone/SMS         8           Internet         9

	Production and sale of livestock byproducts in the past 12 months						
IF NOT PRODUCED WRITE (		tal prod	uction	b	. Total sold		c. Income from selling
Wool, hair		kg			kg		,000 Tugrug
1. Cashmere wool				Т		] [	3 3
2. Sheep wool							
3. Camel hair						] [	
4. Cattle's hair						] [	
5. Horse's hair						$\Big] \ \Big[$	
Skins		pieces	3		pieces		,000 Tugrug
6. Goat skin							
7. Sheep skin						] [	
8. Camel skin						] [	
9. Cow skin							
10. Horse skin							
Milk		liters			liters		,000 Tugrug
11. Goat and sheep milk							
12. Camel milk							
13. Cow milk						] [	
14. Mare milk						] [	
Number of domestic ani			ly owne	d by	the househo	ld	
IF NO ANIMALS OWNED WR		Numbe	r				
a. Donkey		. 13.1150					
b. Pig							
c. Chicken							
d. Rabbit							
e. Bees (hives)							

9,12	2 What expenditures has the household incurred for [] in the past 12 months?						
	IF NO EXPENDITURES WRITE 0 ,000 Tugrug						
	a. Hiring person(s) to help with herding						
	b. Hiring person(s) to help combing cashmere goats						
	c. Animal fodder/mineral licks						
	d. Drugs and costs for veterinarian						
	e. Paying for using campsites and pastures						
	f. Paying for using water sources						
	g. Costs for transporting animals						
	h. Maintenance of fences						
	i. Travel expenses						
	j. Purchase of animals						
	k. Maintenance of wells						
	I. Maintenance equipment						
	m. Other expenditures (specify)						
9,13	ENUMERATOR: DOES THIS HOUSEHOLD CURRENTLY OWN GOATS (CHECK Q9,03)?	Yes1 No2 —	→Section 10				
9,14	What breed of goats does your household own today?  ONLY ONE ANSWER ALLOWED. IF THE HH HAS SEVERAL BREEDS OF GOATS, GIVE INFORMATION ON THE MOST DOMINANT BREED	Mongol uuldriin         1           Gobi gurvan saikhan         2           Zavkhan buural         3           Uuliin bor         4           Altain ulaan         5           Bayandelger         6           Erchim         7           Buural         8           Olgiin ulaan         9           Zalaa jinstiin tsagaan         10           Other (specify)         11					
9,15	Did your household change the breed of goats to increase the quantity of cashmere yield anytime in the past?	Yes         1           No         2					
9,16	To whom did the household sell most cashmere in the past 12 months?	Trader/Changer         1           Marketplace/auction         2           Other herder(s)         3           Processing factory         4           Exporting/selling at border         5           Livestock exchange         6           Did not sell         99	→ 9,19				

9,17	Does the household use the following means to get information on the sales prices of cashmere?					
		yes - 1 no - 2				
	a. TV b. Radio c. Herders d. Visiting the market/shop owners/changers e. Newspaper f. Cellphone/SMS g. Internet h. Other					
9,18	What is the most important means to get information on the sales price of cashmere?	TV         1           Radio         2           Herders         3           Visiting the market/shop owners/changer         4           Newspaper         5           Cellphone/SMS         6           Internet         7				
		None 8				
9,19	Will you increase the number of goats in your herd in the next 12 months?	Yes 1 No 2	9,21			
9,20	By how many goats will you increase?	Number				
	CASHMERE PI	RICES				
9,21	Read: NOW I WOULD LIKE TO ASK YOU ABOUT A FUTURE SCENARIO IN WHICH THE PRICE OF CASHMERE INCREASED.  If the price of cashmere goes up to 125,000 Tugrug per kg, will you increase the number of goats in your herd?	Yes1	> 9,23			
9,22	If the price of cashmere goes up to 125,000 Tugrug per kg, how many goats will you plan to have in your herd in total?	Number				
9,23	If the price of cashmere goes up to 150,000  Tugrug per kg, will you increase the number of goats in your herd?	Yes1	→ 9,25			
9,24	If the price of cashmere goes up to 150,000 Tugrug per kg, how many goats will you plan to have in your herd in total?	Number				
9,25	If the price of cashmere goes up to 200,000  Tugrug per kg, will you increase the number of goats in your herd?	Yes1 No2	9,27			
9,26	If the price of cashmere goes up to 20 <u>0,000</u> <u>Tugrug per kg</u> , how many goats will you plan to have in your herd in <u>total</u> ?	Number				
9,27	Do you agree with the notion that goats cause damage to the pasture land?	Strongly disagree         1           Somewhat disagree         2           Agree         3           Strongly agree         4           Do not know         5				

## Section 10: Livestock and dzud experience between 2015-2020

Read: NOW I WOULD LIKE TO ASK YOU ABOUT YOUR HERD SIZE AND YOUR EXPERIENCE OF DZUDS IN THE PAST 5 YEARS. I WILL ASK SEPARATE QUESTIONS FOR EACH YEAR, STARTING WITH THE WINTER 2015/16.

 $\textit{REPLACE} \ [\textit{XJ} \ \textit{WITH THE REAL NAME OF THE SEASON} \ (\textit{SPRING}, \ \textit{SUMMER}, \ \textit{FALL}, \ \textit{WINTER}) \ \textit{IN WHICH THE INTERVIEW TAKES} \\ \textit{PLACE}.$ 

#### Sub-Section 10.1 2015/16 Winter

NO.	QUESTION	CODING CATEGORIES	ANSWER
	2015/16 WINTER		
	Livestock		
10,01	Did your household own any livestock in 2015?	Yes         1           No         2-	<b>→</b> 10,18
10,02	How many livestock did your household own in 2015 at this [X] seas	ion of the year?	
	b. Horse EACH SPECIES. IF THE PEI A SINGLE SPECIES, WRITE	L NUMBER OF LIVESTOCK, THEN FOR RSON CANNOT REMEMBER NUMBERS FOR 9999.	
	d. Camel e. Sheep f. Goat		
10,03	How many of your livestock died because of dzud in the 2015/16 wir IF THE PERSON CANNOT REMEMBER NUMBERS FOR A SINGLE SPECIES, WE a. Total		
10,04	How many of your livestock did you lose in the period from this [X] so of the year in 2016 because of other reasons, such as diseases, the IF THE PERSON CANNOT REMEMBER NUMBERS FOR A SINGLE SPECIES, WE a. Total  b. Horse c. Cattle d. Camel e. Sheep f. Goat	ft or wild animals?	
	Actions taken <u>during</u> the	winter	
10,05	In which soum did your household mostly stay during the 2015/16 winter?	Aimag name Soum name	

10,06	Did your household apply the following strategies during the 2015/16	winter?					
ŕ		Yes - 1	No - 2				
	a. Bought/collected livestock fodder or hay						
	b. Bought nutritional supplements for livestock						
	c. Sold livestock						
	d. Hired laborers or asked relatives to help with herding						
	e. Split the herd		····				
	f. Built shelter or fences for livestock g. Borrowed money		·····				
	h. Took child(ren) out of school						
	i. Reduced expenses by consuming less						
10,07	During the 2015/16 winter, did your household go on otor to avoid	Yes	1				
10,07	bad weather conditions?	No		<b>→ 10,10</b>			
		110		, 10,10			
10,08	During the 2015/16 winter, how many kilometers did your	_					
	livestock move during otor?	km					
10,09	During the 2015/16 winter, did your household move to another	Yes	1	-			
ŕ	soum during otor?	No	2				
	Emergency aid						
10,10	During the 2015/16 winter, did your household receive any free	Yes	1				
10,10	livestock fodder or hay?	No	2 —	<b>→ 10,12</b>			
40.44							
10,11	For how many days was the fodder or hay sufficient to feed your livestock?	N	<del></del>				
	IIVESLOCK:	Number of days					
10,12	During the 2015/16 winter, did your household receive any free	Yes	1				
	animal care kits or nutritional supplements for animals?	No	2 —	<b>→ 10,14</b>			
10,13	For how many animals did you receive care kits or nutritional						
10,13	supplements?	Number of animals	$\neg \neg \neg \Box$				
10,14	During the 2015/16 winter, did your household receive any free	Yes	1				
	food for the household?	<u>No</u>	2 —	<b>→ 10,16</b>			
10,15	How many days worth of food did you receive?			-			
,		Number of days					
	During the 2015/16 winter, did your beyenheld receive and		<del>-                                    </del>				
10,16	During the 2015/16 winter, did your household receive any emergency aid money from an organization or the Government	Yes	1				
	(cash or bank transfer)?	No	2	→ <sub>10,18</sub>			
		No					
10,17	How much money did you receive in total?	_					
		,000 Tugrug					

NO.	QUESTION			CODING CATEGORIES	ANSWER				
			2016/17 Winter						
Livestock									
10,18	Did your household ow	vn any livesto	ck in 2016?	Yes         1           No         2	→ 10,35				
10,19	How many livestock di	d your housel	hold own in 2016 at this [X] seaso	on of the year?					
	a. Total			NUMBER OF LIVESTOCK, THEN FOR SON CANNOT REMEMBER NUMBERS FOR					
	b. Horse		A SINGLE SPECIES, WRITE	9999.					
	c. Cattle								
	d. Camel								
	e. Sheep								
	f. Goat								
10,20			cause of <u>dzud</u> in the 2016/17 wint JMBERS FOR A SINGLE SPECIES, WRI						
	a. Total								
	b. Horse								
	c. Cattle								
	d. Camel								
	e. Sheep								
	f. Goat								
10,21	of the year in 2017 bed	cause of other	lose in the period from this [X] se r reasons, such as diseases, theft JMBERS FOR A SINGLE SPECIES, WRI						
			Actions taken <u>during</u> the v	vinter					
10,22	In which soum did you winter?	r household n	nostly stay during the 2016/17	Aimag name Soum name					
10,23	Did your household ap	ply the follow	ing strategies during the 2016/17						
	a. Bought/collected livestocl b. Bought nutritional suppler c. Sold livestock d. Hired laborers or asked re e. Split the herd f. Built shelter or fences for l g. Borrowed money h. Took child(ren) out of sch i. Reduced expenses by cor	ments for livestor elatives to help w livestock		Yes - 1 No - 2					

10,24	During the 2016/17 winter, did your household go on otor to avoid bad weather conditions?	Yes 1 No 2 —	<b>→ 10,27</b>
10,25	During the 2016/17 winter, how many kilometers did your livestock move during otor?	km I	
10,26	During the 2016/17 winter, did your household move to another soum during otor?	Yes         1           No         2	
	Emergency aid		
10,27	During the 2016/17 winter, did your household receive any free livestock fodder or hay?	Yes 1 No 2 -	→ 10,29
10,28	For how many days was the fodder or hay sufficient to feed your livestock?	Number of days	
10,29	During the 2016/17 winter, did your household receive any free animal care kits or nutritional supplements for animals?	Yes 1 No 2 -	<b>→ 10,31</b>
10,30	For how many animals did you receive care kits or nutritional supplements?	Number of animals	
10,31	During the 2016/17 winter, did your household receive any free food for the household?	Yes 1 No 2 <sup></sup>	→ 10,33
10,32	How many days worth of food did you receive?	Number of days	
10,33	During the 2016/17 winter, did your household receive any emergency aid money from an organization or the Government (cash or bank transfer)?	Yes 1 No 2	→ 10,35
10,34	How much money did you receive in total?	,000 Tugrug	

NO.	QUESTION					CODING CATEGORIES	ANSWER
					2017/18 Winter		
					Livestock		
10,35	Did your househo	old ov	vn an	y lives	tock in 2017?	Yes 1	
ŕ	•			•		No 2-	<b>→ 10,53</b>
10,36	How many livesto	ock d	id voı	ır hous	sehold own in 2017 at this [X] seasor	n of the year?	
,	,		,		_	•	
	a. Total					NUMBER OF LIVESTOCK, THEN FOR SON CANNOT REMEMBER NUMBERS FOR	
	b. Horse				A SINGLE SPECIES, WRITE 99	999.	
	c. Cattle						
	d. Camel						
	e. Sheep						
	f. Goat						
10,37	How many of you	ır live	stock	died l	pecause of <u>dzud</u> in the 2017/18 winte	er?	
	IF THE PERSON CA	NNOT	REME	EMBER	NUMBERS FOR A SINGLE SPECIES, WRIT	E 9999.	
	a. Total						
	b. Horse						
	c. Cattle						
	d. Camel						
	e. Sheep						
	f. Goat						
10,38	How many of you	ır live	stock	did yo	ou lose in the period from this [X] sea	son of the year in 2017 to the [X] season	
ŕ					ner reasons, such as diseases, theft o		
	IF THE PERSON CA	NNOT	REME	EMBER	NUMBERS FOR A SINGLE SPECIES, WRIT	E 9999.	
	a. Total				]		
	b. Horse				7		
	c. Cattle						
	d. Camel				Ī		
	e. Sheep				Ī		
	f. Goat		ĺ		1		
				- I			
					Actions taken <u>during</u> the wi	inter	1
10,39		d you	r hou	seholo	I mostly stay during the 2017/18		
	winter?					Aimag name	
						Soum name	
10,40	Did your househo	old ap	ply th	ne follo	owing strategies during the 2017/18 w	vinter?	
						Yes - 1 No - 2	
	a. Bought/collected livestock fodder or hay						
	b. Bought nutritional s c. Sold livestock	supple	ments	ior lives	SIUCK	——————————————————————————————————————	
	d. Hired laborers or a	ısked r	elative	s to hel	o with herding		
	e. Split the herd  f. Built shelter or fend	es for	livesto				
	g. Borrowed money	,00 IUI	.ivesiC				
	h. Took child(ren) out						
	i. Reduced expenses	by co	nsumir	ng less			

10,41	During the 2017/18 winter, did your household go on otor to avoid bad weather conditions?	Yes 1 No 2 —	→ 10,44
10,42	During the 2017/18 winter, how many kilometers did your livestock move during otor?	km	
10,43	During the 2017/18 winter, did your household move to another soum during otor?	Yes         1           No         2	
	Emergency aid		
10,44	During the 2017/18 winter, did your household receive any free livestock fodder or hay?	Yes 1 No 2 -	→ 10,46
10,45	For how many days was the fodder or hay sufficient to feed your livestock?	Number of days	
10,46	During the 2017/18 winter, did your household receive any free animal care kits or nutritional supplements for animals?	Yes 1 No 2 -	→ 10,48
10,47	For how many animals did you receive care kits or nutritional supplements?	Number of animals	
10,48	During the 2017/18 winter, did your household receive any free food for the household?	Yes 1 No 2 <sup></sup>	→ 10,51
10,49	How many days worth of food did you receive?	Number of days	
10,50	The Mongolia Red Cross provided money to dzud-affected households through a program called "Forecast-based Financing." Households received 240,000 MNT via bank transfer in December 2017 and January 2018. Did your household receive 240,000 Tugrug from the Mongolian Red Cross?	Yes1	
10,51	During the 2017/18 winter, did your household receive any other emergency aid money from an organization or the Government (cash or bank transfer)?	Yes 1 No 2	→ 10,53
10,52	How much money did you receive in total?	,000 Tugrug	

NO.	QUESTION				CODING CATEGORIES		ANSWER
					2018/19 Winter		
					Livestock		
10,53	Did your household	down	any li	vest	ock in 2018? Yes	1	
					<u>No</u>	2—	> 10,70
10,54	How many livestoc	k did	your h	ouse	chold own in 2018 at this [X] season of the year?		
	a. Total	I		I	FIRST ASK FOR THE TOTAL NUMBER OF LIVESTOCK, THEN FO	OR	
	b. Horse				EACH SPECIES. IF THE PERSON CANNOT REMEMBER NUMBE A SINGLE SPECIES, WRITE 9999.	RS FOR	
	c. Cattle			1	1		
	d. Camel			1			
	e. Sheep			<u> </u>			
	f. Goat			<u> </u>			
40.55			<u> </u>	<del></del>	[		
10,55	• •				ecause of <u>dzud</u> in the 2018/19 winter? UMBERS FOR A SINGLE SPECIES, WRITE 9999.		
	a. Total						
	b. Horse			1			
	c. Cattle						
	d. Camel						
	e. Sheep						
	f. Goat						
10,56	How many of your	livest	ack di	ל אטו	I lose in the period from this [X] season of the year in 2018 to the	e [X] season	
10,00					er reasons, such as diseases, theft or wild animals?	7 [74] 0000011	
	IF THE PERSON CANN	NOT RI	ЕМЕМЕ	BER N	UMBERS FOR A SINGLE SPECIES, WRITE 9999.		
	a. Total						
	b. Horse						
	c. Cattle						
	d. Camel						
	e. Sheep						
	f. Goat						
					Actions taken during the winter		
40.57	le velsisk saves did v			-	mostly stay during the 2018/19		
10,57	winter?	your r	iousei	ioiu	Aimag name		
					Soum name		
10,58	Did vour household	l anni	v the t	follov	ving strategies during the 2018/19 winter?		
10,50	Dia year nedecine.e	, аррі	<i>y</i> o .	001	Yes - 1	No - 2	
	a. Bought/collected livestock fodder or hay						
	b. Bought nutritional supplements for livestock						
	c. Sold livestock d. Hired laborers or ask	ed rela	tives to	help	with herding		
	e. Split the herd						
	f. Built shelter or fences g. Borrowed money	for live	estock	••••••			
	h. Took child(ren) out of	fschoo	ol				
	i. Reduced expenses by	/ consu	ıming le	ess			

10,59	During the 2018/19 winter, did your household go on otor to avoid bad weather conditions?	Yes 1 No 2 —	<b>→ 10,62</b>
10,60	During the 2018/19 winter, how many kilometers did your livestock move during otor?	km I	
10,61	During the 2018/19 winter, did your household move to another soum during otor?	Yes         1           No         2	
	Emergency aid		
10,62	During the 2018/19 winter, did your household receive any free livestock fodder or hay?	Yes 1 No 2 -	<b>→</b> 10,64
10,63	For how many days was the fodder or hay sufficient to feed your livestock?	Number of days	
10,64	During the 2018/19 winter, did your household receive any free animal care kits or nutritional supplements for animals?	Yes 1 No 2 -	<b>→ 10,66</b>
10,65	For how many animals did you receive care kits or nutritional supplements?	Number of animals	
10,66	During the 2018/19 winter, did your household receive any free food for the household?	Yes 1 No 2 <sup></sup>	→ 10,68
10,67	How many days worth of food did you receive?	Number of days	
10,68	During the 2018/19 winter, did your household receive any emergency aid money from an organization or the Government (cash or bank transfer)?	Yes 1 No 2	→ 10,70
10,69	How much money did you receive in total?	,000 Tugrug	

NO.	QUESTION									COD	ING CA	TEGOR	IES			NSWER
						20	19/20	WIN	ITER							
Livestock																
10,70	Did your household own any livestock in 2019?							Yes No				1 2-	 <u>→</u>	10,91		
10,71	How many livestock did your household own in 2019 at this [X] season of the year?								_							
	a. Total	Total FIRST ASK FOR THE TOTAL NUMBER OF LIVESTOCK, THEN FOR EACH								EACH						
	b. Horse	<u> </u>	<u>                                     </u>		SPECIES. IF THE PERSON CANNOT REMEMBER NUMBERS FOR A SINGLE SPECIES, WRITE 9999.							4				
	c. Cattle	<u> </u>				GRAGEE OF ECIES, WALLE SAZA.										
	d. Camel															
	e. Sheep	<u> </u>	<u>                                     </u>													
	f. Goat	<u> </u>	<u>                                     </u>													
10,72	How many of you														+	
	a. Total															
	b. Horse															
	c. Cattle															
	d. Camel															
	e. Sheep															
	f. Goat															
10,73	How many of you of the year in 202 IF THE PERSON CA a. Total b. Horse c. Cattle d. Camel e. Sheep f. Goat	20 be	caus	se of othe	r reason	s, such	as dis	eases	s, theft	t or wild			to the [	x] season		
					Λ	Actions t	takan	hefor	a the i	vinter					工	
10,74	Poforo the 2010/	20 wi	intor	have ve							roporo	for daud	) If co. v	that was	т	
	Before the 2019/20 winter, have you pursued any of the following actions to prepare for dzud? If so, what was the cost and when did you pursue it?    Yes - 1															
10,75	Before the 2019/		.D, W		sell any l	livestocl					)	iii. Month	1		1	
	a. Horse						T			J " <del>J</del>			7			
	b. Cattle								<u> </u>				j			
	c. Camel								<u></u>							
	d. Sheep				<u> </u>	<u>-</u>	1		ᆗ			$\vdash$	4			
	e. Goat				L	L	<u> </u>		<u> </u>						丄	
10,76									1 2	$\stackrel{\mid}{\rightarrow}$	10,78					
10,77	For how many da livestock?	ays w	ere t	he reser	es suffic	cient to	feed ye	our		Numb	per of da	ys				

	Actions taken during the	winter
10,78	In which soum did your household mostly stay during the 2019/20 winter?	Aimag name Soum name
10,79	Did your household apply the following strategies during the 2019/20  a. Bought/collected livestock fodder or hay b. Bought nutritional supplements for livestock c. Sold livestock d. Hired laborers or asked relatives to help with herding e. Split the herd f. Built shelter or fences for livestock g. Borrowed money h. Took child(ren) out of school i. Reduced expenses by consuming less	winter?  Yes - 1  No - 2
10,80	During the 2019/20 winter, did your household go on otor to avoid bad weather conditions?	Yes 1 No 2 → 10,83
10,81	During the 2019/20 winter, how many kilometers did your livestock move during otor?	km
10,82	During the 2019/20 winter, did your household move to another soum during otor?	Yes         1           No         2
	Emergency aid	
10,83	During the 2019/20 winter, did your household receive any free livestock fodder or hay?	Yes 1 1 No 2 → 10,85
10,84	For how many days was the fodder or hay sufficient to feed your livestock?	Number of days
10,85	During the 2019/20 winter, did your household receive any free animal care kits or nutritional supplements for animals?	Yes 1 1 No 2 → 10,87
10,86	For how many animals did you receive care kits or nutritional supplements?	Number of animals
10,87	During the 2019/20 winter, did your household receive any free food for the household?	Yes 1 1 → 10,89
10,88	How many days worth of food did you receive?	Number of days
10,89	During the 2019/20 winter, did your household receive any emergency aid money from an organization or the Government (cash or bank transfer)?	Yes 1 No 2 $\rightarrow$ 10,91
10,90	How much money did you receive in total?	,000 Tugrug

## **Sub-Section 10.6 2020/21 Winter**

10,92 Does the household currently own any livestock?    Yes	NO.	QUESTION CODING CATEGORIES									
10,91 DOES THE INTERVIEW TAKE PLACE BEFORE NOVEMBER  No		2020/21 WINTER									
10,92   Does the household currently own any livestock?   Yes   1   No   2   Sections taken   Defore the winter	Livestock										
Actions taken before the winter  10,93  Before the 2020/21 winter, have you pursued any of the following actions to prepare for dzud? If so, what was the cost and when did you pursue it?  Yes - 1  No - 2 → next ii.,000 Tugrug iii. Month  a. Improve storage of fodder  b. Build a new winter sheller or improve the existing one  c. Fence pasture or hay field  d. Dig a well or repair the existing one  e. Make ger improvements  f. Slockpile extra food reserves for household members  10,94  Before the 2020/21 winter, did you sell any livestock to be prepared for dzud?  If NO LIVESTOCK SOLD, WRITE 0.  I. Number  ii. Price per animal in ,000 Tugrug iii. Month  a. Horse  b. Cattle  c. Cannel  d. Sheep  e. Goat  10,95  Before the 2020/21 winter, did your household have any reserves of fodder/hay?  No 2 → 10,96  For how many days were the reserves sufficient to feed your livestock?  Number of days  10,97  In which soum did your household mostly stay during the winter  10,97  In which soum did your household mostly stay during the 2020/21 winter?  Actions taken during the winter  10,98  Did your household apply the following strategies during the 2020/21 winter?  Yes - 1  No - 2  a. Boughthoelleedel livestock fodder or hay.  D. Bought nutrificional supplements for livestock  c. Sold livestock fodder or hay.  D. Bought nutrificional supplements for livestock  c. Sold livestock fodder or favy.  B. Boughthoelleedel livestock fodder or hay.  D. Bought nutrificional supplements for livestock  c. Sold livestock fodder or favy.  B. Boughthoelleedel livestock fodder or hay.  D. Bought nutrificional supplements for livestock  C. Hitel sabbres or fances for livestock g.  B. Boughthoelleedel livestock fodder or hay.  B. Boughthoelleedel investock fodder or hay.  B. Boughthoelleedel investock fodder or favy.  B. Boughthoelleedel investock fodder or favy.  B. Boughthoelleed investock fodder or favy.  B. Boughthoelleed investock fodder or favy.  B. Boughthoelleed investock fodder or favy.  B. Boughthoelleedel investock fodder or favy.	10,91		EW TAKE PLACE BEFORI	Yes No	1 -> Section 11						
10,93   Before the 2020/21 winter, have you pursued any of the following actions to prepare for dzud? If so, what was the cost and when did you pursue it?   Yes - 1   No - 2 -> next   ii. ,000 Tugrug   iii. Month   a. Improve storage of fodder   D. Build a new winter shelter or improve the existing one   D. Build a new winter shelter or improve the existing one   D. Build a new winter shelter or improve the existing one   D. Build a new winter shelter or improve the existing one   D. Build a new winter shelter or improve the existing one   D. Build a new winter shelter or improve the existing one   D. Build a new winter shelter or improve the existing one   D. Build a new winter shelter or improve the existing one   D. Build a new winter shelter or repair the existing one   D. Build a new winter shelter or repair the existing one   D. Build a new winter shelter or repair the existing one   D. Build a new winter shelter or repair the existing one   D. Build a new winter shelter or shel	10,92	Does the household	currently own any livestock?		2 —> Section 11						
the cost and when did you pursue it?    Yes - 1   No - 2 -> mext   ii. ,000 Tugrug   iii. Month		Actions taken before the winter									
a. Improve storage of fodder  b. Build a new winter shelter or improve the existing one  c. Fence pasture or hay field  d. Dig a well or repair the existing one  e. Make ger improvements  f. Stockplie extra food reserves for household members  10,94  Before the 2020/21 winter, diy ou sell any livestock to be prepared for dzud?    FNO LIVESTOCK SOLD, WRITE 0.   I. Number   II. Price per animal in ,000 Tugrug   III. Month	10,93	the cost and when did you pursue it?  Yes - 1									
b. Build a new winter shelter or improve the existing one c. Fence pasture or hay field d. Dig a well or repair the existing one e. Make ger improvements f. Stockpile extra food reserves for household members  10,94  Before the 2020/21 winter, did you sell any livestock to be prepared for dzud? IF NO LIVESTOCK SOLD, WRITE 0. i. Number ii. Price per animal in ,000 Tugrug iii. Month a. Horse b. Cattle c. Camel d. Sheep e. Goat  10,95  Before the 2020/21 winter, did your household have any reserves of fodder/hay? No. 22 > 10,98  10,96  For how many days were the reserves sufficient to feed your livestock?  Actions taken during the winter  10,97  In which soum did your household mostly stay during the 2020/21 winter?  Actions taken during the winter  10,98  Did your household apply the following strategies during the 2020/21 winter?  Yes - 1 No - 2 a. Bought/collected livestock fodder or hay b. Bought nutritional supplements for investock d. Hindi laborers or asked relatives to help with herding e. Split the herd f. Built shelter or fonces for livestock g. Borrowed money		$100 - 2 \rightarrow next$ II., 000 Tugrug III. Month									
c. Fence pasture or hay field d. Dig a well or repair the existing one e. Make ger improvements f. Stockpile extra food reserves for household members  10,94 Before the 2020/21 winter, did you sell any livestock to be prepared for dzud? IF NO LIVESTOCK SOLD, WRITE 0. I. Number ii. Price per animal in ,000 Tugrug iii. Month a. Horse b. Cattle c. Camel d. Sheep e. Goat  10,95 Before the 2020/21 winter, did your household have any reserves of fodder/hay?  10,96 For how many days were the reserves sufficient to feed your livestock?  Actions taken during the winter  10,97 In which soum did your household mostly stay during the 2020/21 winter?  Actions taken during the winter  10,98 Did your household apply the following strategies during the 2020/21 winter?  A Bought/collected livestock fodder or hay b. Bought nutritional supplements for Ivestock c. Sidl ivestock d. Hitted laborers or asked relatives to help with herding e. Split the herd f. Dutt shelter or ferozes for Investock g. Borrowed morey  Borrowed more year.		a. Improve storage of fo	dder								
d. Dig a well or repair the existing one e. Make ger improvements f. Stockpile extra food reserves for household members  10,94  Before the 2020/21 winter, did you sell any livestock to be prepared for dzud?  IF NO LIVESTOCK SOLD, WRITE 0.  I. Number ii. Price per animal in ,000 Tugrug iii. Month a. Horse b. Cattle c. Camel d. Sheep e. Goat  10,95  Before the 2020/21 winter, did your household have any reserves of fodder/hay?  10,96  For how many days were the reserves sufficient to feed your livestock?  Actions taken during the winter  10,97  In which soum did your household mostly stay during the 2020/21 winter?  Almag name Soum name  10,98  Did your household apply the following strategies during the 2020/21 winter?  Yes - 1 No - 2  a. Bought/collected livestock fodder or hay b. Bought nutritional supplements for livestock c. Sold livestock d. Hired laborers or asked relatives to help with herding e. Split the herd f. Bullt sheller or fences for livestock g. Borrowed money				ne							
e. Make ger improvements  f. Stockpile extra food reserves for household members  10,94  Before the 2020/21 winter, did you sell any livestock to be prepared for dzud?  IF NO LIVESTOCK SOLD, WRITE 0.  i. Number  ii. Price per animal in ,000 Tugrug  iii. Month  a. Horse  b. Cattle  c. Camel  d. Sheep  e. Goat  10,95  Before the 2020/21 winter, did your household have any reserves of fodder/hay?  10,96  For how many days were the reserves sufficient to feed your livestock?  Actions taken during the winter  10,97  In which soum did your household mostly stay during the 2020/21 winter?  Actions taken during the winter  10,98  Did your household apply the following strategies during the 2020/21 winter?  Yes - 1  No - 2  a. Bought/collected livestock fodder or hay b. Bought nutritional supplements for livestock c. Sold livestock d. Hired laborers or asked relatives to help with herding e. Split the herd I. Built sheller or fences for livestock g. Borrowed money		c. Fence pasture or hay	field								
10,94   Before the 2020/21 winter, did you sell any livestock to be prepared for dzud?		d. Dig a well or repair th	e existing one								
Before the 2020/21 winter, did you sell any livestock to be prepared for dzud?  IF NO LIVESTOCK SOLD, WRITE 0.  I. Number  II. Price per animal in .000 Tugrug  III. Month  II		e. Make ger improveme	nts								
IF NO LIVESTOCK SOLD, WRITE 0.   i. Number   ii. Price per animal in ,000 Tugrug   iii. Month   a. Horse		f. Stockpile extra food re	eserves for household member	s							
b. Cattle  c. Camel d. Sheep e. Goat  10,95  Before the 2020/21 winter, did your household have any reserves of fodder/hay?  10,96  For how many days were the reserves sufficient to feed your livestock?  Actions taken during the winter  10,97  In which soum did your household mostly stay during the 2020/21 winter?  Almag name Soum name  10,98  Did your household apply the following strategies during the 2020/21 winter?  Yes - 1  No - 2  a. Bought/collected livestock fodder or hay b. Bought nutritional supplements for livestock c. Sold livestock d. Hired laborers or asked relatives to help with herding e. Split the herd f. Built shelter or fences for livestock g. Borrowed money	10,94	IF NO LIVESTOCK SOL	LD, WRITE 0.								
c. Camel d. Sheep e. Goat  10,95 Before the 2020/21 winter, did your household have any reserves of fodder/hay?  10,96 For how many days were the reserves sufficient to feed your livestock?  Actions taken during the winter  10,97 In which soum did your household mostly stay during the 2020/21 winter?  Aimag name Soum name  10,98 Did your household apply the following strategies during the 2020/21 winter?  Yes - 1 No - 2  a. Bought/collected livestock fodder or hay b. Bought nutritional supplements for livestock c. Sold livestock d. Hired laborers or asked relatives to help with herding e. Split the herd f. Built shelter or fences for livestock g. Borrowed money		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
d. Sheep e. Goat  10,95 Before the 2020/21 winter, did your household have any reserves of fodder/hay?  10,96 For how many days were the reserves sufficient to feed your livestock?  Actions taken during the winter  10,97 In which soum did your household mostly stay during the 2020/21 winter?  Aimag name Soum name  10,98 Did your household apply the following strategies during the 2020/21 winter?  A Bought/collected livestock fodder or hay b. Bought nutritional supplements for livestock c. Sold livestock d. Hired laborers or asked relatives to help with herding e. Split the herd f. Built shelter or fences for livestock g. Borrowed money											
e. Goat  10,95 Before the 2020/21 winter, did your household have any reserves of fodder/hay?  10,96 For how many days were the reserves sufficient to feed your livestock?    Number of days   N		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
10,95 Before the 2020/21 winter, did your household have any reserves of fodder/hay?  10,96 For how many days were the reserves sufficient to feed your livestock?    Number of days   Number of days   Number of days											
reserves of fodder/hay?  10,96 For how many days were the reserves sufficient to feed your livestock?  Actions taken during the winter  10,97 In which soum did your household mostly stay during the 2020/21 winter?  Aimag name Soum name  10,98 Did your household apply the following strategies during the 2020/21 winter?  Yes - 1 No - 2  a. Bought/collected livestock fodder or hay b. Bought nutritional supplements for livestock c. Sold livestock d. Hired laborers or asked relatives to help with herding e. Split the herd f. Built shelter or fences for livestock g. Borrowed money											
In which soum did your household mostly stay during the 2020/21 winter?   Aimag name   Soum name   S	10,95		•	ave any		1 2 -> 10,97					
Actions taken during the winter  10,97 In which soum did your household mostly stay during the 2020/21 winter?  Aimag name Soum name  10,98 Did your household apply the following strategies during the 2020/21 winter?  Yes - 1 No - 2  a. Bought/collected livestock fodder or hay b. Bought nutritional supplements for livestock c. Sold livestock d. Hired laborers or asked relatives to help with herding e. Split the herd f. Built shelter or fences for livestock g. Borrowed money	10,96		vere the reserves sufficient	to feed your							
In which soum did your household mostly stay during the 2020/21 winter?  Aimag name Soum name  10,98  Did your household apply the following strategies during the 2020/21 winter?  Yes - 1 No - 2  a. Bought/collected livestock fodder or hay b. Bought nutritional supplements for livestock c. Sold livestock d. Hired laborers or asked relatives to help with herding e. Split the herd f. Built shelter or fences for livestock g. Borrowed money		livestock?			Number of days	<b>∐</b>					
2020/21 winter?  Aimag name Soum name  10,98  Did your household apply the following strategies during the 2020/21 winter?  Yes - 1  No - 2  a. Bought/collected livestock fodder or hay b. Bought nutritional supplements for livestock c. Sold livestock d. Hired laborers or asked relatives to help with herding e. Split the herd f. Built shelter or fences for livestock g. Borrowed money			Action	ns taken <u>during</u> the	winter	_					
a. Bought/collected livestock fodder or hay b. Bought nutritional supplements for livestock c. Sold livestock d. Hired laborers or asked relatives to help with herding e. Split the herd f. Built shelter or fences for livestock g. Borrowed money	10,97	2020/21 winter?  Aimag name									
a. Bought/collected livestock fodder or hay b. Bought nutritional supplements for livestock c. Sold livestock d. Hired laborers or asked relatives to help with herding e. Split the herd f. Built shelter or fences for livestock g. Borrowed money	10,98	Did your household a	apply the following strategies	s during the 2020/21	winter?						
h. Took child(ren) out of school  i. Reduced expenses by consuming less		2									

10,99	During the 2020/21 winter, did your household go on otor to avoid bad weather conditions?	Yes 1 No 2→ 10,102
10,100	During the 2020/21 winter, how many kilometers did your livestock move during otor?	km
10,101	During the 2020/21 winter, did your household move to another soum during otor?	Yes1 No2
	Emergency aid	
10,102	During the 2020/21 winter, did your household receive any free livestock fodder or hay?	Yes 1 No 2 → 10,104
10,103	For how many days was the fodder or hay sufficient to feed your livestock?	Number of days
10,104	During the 2020/21 winter, did your household receive any free animal care kits or nutritional supplements for animals?	Yes 1 1 No 2 → 10,106
10,105	For how many animals did you receive care kits or nutritional supplements?	Number of animals
10,106	During the 2020/21 winter, did your household receive any free food for the household?	Yes 1 No 2 → 10,108
10,107	How many days worth of food did you receive?	Number of days
10,108	During the 2020/21 winter, did your household receive any emergency aid money from an organization or the Government (cash or bank transfer)?	Yes 1  No 2 Section 11
10,109	How much money did you receive in total?	,000 Tugrug

### EXPECTATIONS ON RAINFALL IN SUMMER

READ: NOW I WOULD LIKE TO ASK YOU ABOUT RAINFALL OCCURRING IN SUMMER. PLEASE IMAGINE A SCALE THAT MEASURES HOW GOOD RAINFALL IN SUMMER IS. A SUMMER WITH VERY BAD RAINFALL (OR DROUGHT) IS ON THE LEFT OF THE SCALE (0). A SUMMER WITH VERY GOOD RAINFALL IS ON THE RIGHT OF THE SCALE (10).

very BAD rainfall very GOOD rainfall very GOOD or rainfall very GOOD r

NO.	QUESTION	CODING CATEGORIES	answer				
11,01	In your own experience, how good was the rainfall in the summer of 2019?	0-10					
11,02	ENUMERATOR: DOES THE INTERVIEW TAKE PLACE BEFORE JUNE 2020?	Yes 1 No 2	→ 11,04				
11,03	What rainfall do you expect for the summer of 2020?	0-10	→ 11,06				
11,04	In your own experience, how good was the rainfall in the summer of 2020 (so far)?	0-10					
11,05	What rainfall do you expect for the summer of 2021?	0-10					
Have you noticed significant changes in rainfall in the summer over last 20 years?  Yes, significantly more rain  Yes, significantly less rain  No significant changes  3							
11,07	11,07 ENUMERATOR: Write the ID Code of the person who answered this section.						
	EXPECTATIONS ON WINTER CONDITIONS						

READ: NOW I WOULD LIKE TO ASK YOU ABOUT WINTER CONDITIONS. PLEASE IMAGINE A SCALE THAT MEASURES HOW MILD WINTER CONDITIONS ARE. A WINTER WITH VERY HARSH CONDITIONS IS ON THE LEFT OF THE SCALE (0). A WINTER WITH VERY MILD CONDITIONS IS ON THE RIGHT OF THE SCALE (10).

harsh mild
0 1 2 3 4 5 6 7 8 9 10

NO.	QUESTION	CODING CATEGORIES	answer
11,08	In your own experience, how were the conditions in the winter of 2019/2020?	0-10	
11,09	ENUMERATOR: DOES THE INTERVIEW TAKE PLACE BEFORE DECEMBER 2020?	Yes 1 No 2	<b>→</b> 11,11
11,10	What conditions do you expect for the winter of 2020/2021?	0-10	→ 11,13
11,11	In your own experience, how were the conditions in the winter of 2020/2021 so far?	0-10	
11,12	What conditions do you expect for the winter of 2021/2022?	0-10	
11,13	Have you noticed significant changes in winter conditions over last 20 years?	Yes, significantly harsher winters       1         Yes, significantly milder winters       2         No significant changes       3	

## **EXPECTATIONS ON DZUD**

READ: Now I would like to ask you about your expectations regarding dzuds that may possibly occur in the future. Please imagine a scale from 0 to 10 that measures how likely you think you will be affected by dzud in the future. Please respond 0 if you are certain that you WILL be affected by dzud in the future. Please respond 10 if you are certain that you will NOT be affected by dzud in the future.



NO.	QUESTION	CODING CATEGORIES	answer
11,14	EMUMERATOR: DOES THIS HOUSEHOLD CURRENTLY OWN ANY LIVESTOCK?	Yes 1 No 2	<b>→</b> 11,20
11,15	In your own experience, how likely is it that you will be affected by a dzud in the <u>next winter</u> ?	0-10	
11,16	In your own experience, how likely is it that you will be affected by a dzud in the <u>next 5 years</u> ?	0-10	
11,17	In your own experience, how likely is it that you will be affected by a dzud in the next 10 years?	0-10	
	EXPECTATION	ON LIVESTOCK SIZE	
11,18	ENUMERATOR: LOOK UP THE TOTAL NUMBER OF LIVES?	TOCK THE HH CURRENTLY OWNS (Q9.03)	
	You told me earlier that today you have [] number of live What do you think is the total number of livestock you will a. On avegare b. Highest		
11,19	What is the total ideal number of livestock your househol a. This time next year  b. In general  1. Horse  2. Cattle 3. Camel 4. Sheep 5. Goat 6. Total	d would like to own?	

## Subsection 11.2 Negative events

READ: WE WOULD LIKE TO ASK YOU ABOUT ANY UNEXPECTED EVENTS THAT CAUSED A REDUCTION IN YOUR INCOME, YOUR CONSUMPTION, OR THAT LED TO A LOSS IN YOUR HOUSEHOLDS' ASSETS. IF ONE EVENT HAPPENED SEVERAL TIMES, PLEASE REPORT ON THE MOST SEVERE ONE.

		11,20 During the p	past 12	11,21 When	did your	11,22 How much	was the loss	s in?	11,23 How severe was		you do to cop ? List the thre		11,25 Until today, how well has your household recovered the
		household	AR], did your			a. assets (e.g. livestock)	b. income	c.consumptio n	[] to your household? Please imagine a scale from 0	importan	t coping activ	ities.	losses due to []?
code		[]?					1=very high los 2=high losses	sses	(extremely severe) to 10 (not	ENUME	RATOR: LOOK U CODES BELOW		1=recovered all losses (100%) 2=recovered most losses (about 75%)
Event co		No not applicable	1 2 NEXT	a.	b.		3=medium loss 4=low losses	ses	severe).	a. Most important	b. Second most important	c. Third most important	3=recovered some losses (about 50%) 4=recovered few losses (about 25%)
1	Drought	пот аррисавіе	99 J EVENT	Year	Month		5=no losses	1	0-10				5=not recovered at all (0%)
2	Shortage of water												
3	Flood												
4	Land erosion												
5	Pests or diseases that affect livestock												
6	Pests or diseases that affect crops												
7	Theft of livestock												
8	Theft of goods or other assets												
9	Dwelling/ ger was damaged												
10	Livestock prices dropped												
11	Cashmere prices dropped												
12	Food prices increased												
13	Fuel prices increased												
14	Lost job												
15	Household business collapsed												
16	Divorce/ separation												

Coping Codes			
1=spent savings or received cash investments	6=received credit from a bank, moneylender, or	10=received other help from friends	15=started a new income earning activity
2=sold livestock	changer	11=received help from Government	16=changed content of food consumed
3=sold jewelry	7=received credit from a family member	12=received help from International Organizations or NGOs	17=reduced consumption of other goods and services
4=sold other assets and goods	8=received credit from a friend	13=household member(s) worked more	18=collected wild foods
5=received payouts of insurances	9=received other help from family	14=sent household member away to earn income	19=did not do anything

## Subsection 11.3 Coronavirus infection (COVID-19)

READ: SINCE JANUARY 2020, PEOPLE AND COUNTRIES AROUND THE WORLD STRUGGLE WITH THE NEW CORONAVIRUS INFECTION (COVID-19). NOW I WOULD LIKE TO ASK YOU HOW YOUR HOUSEHOLD WAS AFFECTED BY THE CORONAVIRUS INFECTION.

NO.	QUESTION	CODING CATEGORIES	answer
11,26	Did any member of your household have severe symptoms of the coronavirus infection (COVID-19), such as fever, dry cough, or shortness of breath since January 2020?	Yes         1           No         2	
11,27	Has any member of your household been tested for the coronavirus?	Yes 1 No 2	
11,28	Did your household receive medical treatment because of the coronavirus infection?	Yes 1 No 2	
11,29	Did any death occur in your household because of the coronavirus infection?	Yes 1 No 2	
11,30	How did the lockdowns preventing coronavirus infection not a. Could not visit shops/markets to purchase food b. Could not travel to other aimags/UB c. Could not go to the market or meet with a changer to sell livestood. Could not conduct regular nomadic movements e. Could not go to work f. Other (specify)	t at all - 1 a little - 2 a lot - 3 not applicable - 4	
11,31	Did your household's income decrease because of the lockdowns?  a. Losses in income from sale of livestock or livestock byproducts b. Losses in wage income c. Losses in income from own non-herding business d. Other (specify)	yes - 1 no - 2 not applicable - 3	
11,32	What is the total loss of income, considering all income sources?	.000 Tugrug	
11,33	During the coronavirus infection, what measures have negatively affected your livelihood?  a. Spent savings b. Sold assets (housing, land, car, jewelry, furniture) c. Sold livestock d. Rented out assets (land, dwelling, shelter, car) e. Took formal loans (bank, finanical institutions, pawn shop) f. Took informal loans (family, friends, private person, creditor, empl g. Postponed payments (loan, rent, tuition fee) h. Sent the children to live with relatives i. Decreased diversity of food j. Decreased number of meals per day k. Did not eat on some days l. Received help from family or friends m. Received help from Government, NGOs, international organization. Other (specify) o. No measures taken	yes - 1 no - 2 not applicable - 3	

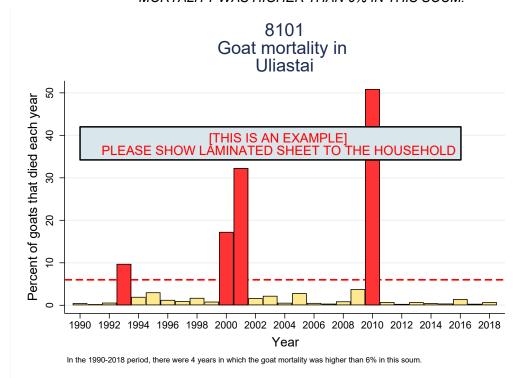
11,34	How often did it happen during the coronavirus lockdowns that you wanted to purchase the following foods but they were not available?								
	several days - 1 several weeks - 2 several months - 3 never, this food was always available - 4								
	a. Dairy products or eggs (e.g. milk, yogurt, cheese, butter) b. Fresh fruits or vegetables (e.g. apples, grapes, carrots, cabbage) c. Deep-frozen or canned fruits or vegetables d. Cereals (e.g. flour, pasta, bread, rice) e. Fresh meat or fish f. Deep-frozed, dried or canned meat or fish g. Cooking oil								
11,35	What aspect of the coronavirus infection and lockdown had the biggest impact on your household?	Sickness/death in the household         1           Fear of sickness/death         2           Travel restrictions         3           Keeping distance to other people         4           Shortage of foods in stores         5           Increase in food prices         6           Loss of income         7           Affected households' business/herding         8							
11,36	How much has your life been affected by the coronavirus infection? Please imagine a scale from 0 (not at all affected) to 10 (heavily affected).	0-10							

### SECTION 12. Dzuds in the soum 1990-2018

NO.	QUESTION	CODING CATEGORIES	answer
12,01	Since 1990, how many times has this soum been hit by a dzud?	Number	
12,02	ENUMERATOR: IS THIS HOUSEHOLD SELECTED FOR TREATMENT?	Yes 1 2 →	Section 13

ENUMERATOR: GIVE THE LAMINATED PAPER SHEET WITH THE FIGURE ON GOAT MORTALITY FOR THIS SOUM TO THE HEAD OF HOUSEHOLD. DOUBLECHECK THAT YOU GIVE THE FIGURE FOR THE CORRECT SOUM. READ OUT THE TEXT BELOW. DO NOT GIVE FURTHER EXPLANATIONS.

READ: NOW I WOULD LIKE TO SHOW YOU A FIGURE WITH THE YEARLY MORTALITY OF GOATS IN YOUR SOUM BETWEEN 1990 AND 2018. FOR EACH YEAR, YOU CAN SEE A BAR THAT SHOWS THE PERCENTAGE OF GOATS THAT DIED IN YOUR SOUM. FOR EXAMPLE, A BAR THAT IS AT 10% MEANS THAT 10 OUT OF 100 GOATS DIED THAT YEAR. THE RED BARS SHOW YEARS IN WHICH MORE THAN 6% OF THE GOATS DIED. THE YELLOW BARS SHOW YEARS IN WHICH LESS THAN 6% OF THE GOATS DIED. IN THE 1990-2018 PERIOD, THERE WERE X [replace X with the number in sentence below figure] YEARS IN WHICH THE GOAT MORTALITY WAS HIGHER THAN 6% IN THIS SOUM.



12,03	How new is that information to you? Please imagine a scale from 0 (not new at all) to 10 (completely new).	0-10
12,04	Does this information match with the years in which you struggled with dzuds while living in this soum? Please imagine a scale from 0 (does not match at all) to 10 (matches completely).	0-10

### **SECTION 13. Index-based Livestock Insurance**

NO.	QUESTION	CODING CATEGORIES	answer
13,01	ENUMERATOR: DOES THIS HOUSEHOLD OWN	Yes 1	
	ANY LIVESTOCK?	No 2 —	Section 14

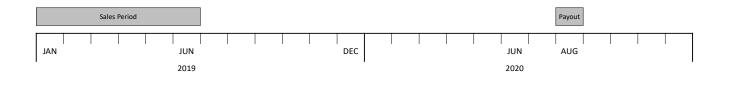
READ: NEXT, I WILL ASK YOU SOME QUESTIONS REGARDING AN INSURANCE AGAINST DZUD, WHICH IS CALLED INDEX-BASED LIVESTOCK INSURANCE. INDEX-BASED LIVESTOCK INSURANCE IS SOLD BY SEVERAL INSURANCE COMPANIES AS WELL AS BY BROKERS OF KHAAN BANK AND STATE BANK. INDEX-BASED LIVESTOCK INSURANCE CAN BE BOUGHT BETWEEN JANUARY AND JUNE AND PROVIDES COVERAGE FOR THE WINTER PERIOD BETWEEN DECEMBER AND JUNE. INSURANCE PAYOUTS ARE PAID IN THE FOLLOWING AUGUST.

KNOWLEDGE OF INDEX INSURANCE						
13,02	Have you ever heard of index-based	Yes 1				
	livestock insurance before?	No 2	<b>→</b> 13,31			
13,03	Have you heard of index-based livestock insurance thro	ough the following channels?				
,	·	yes - 1 <u>no</u> -	- 2			
	a. Radio					
	b. TV					
	c. Newspaper d. Wall papers					
	e. Promotion leaflets, cards, or calendar					
	f. Public events that promote insurance					
	g. From herders in this khot ail					
	h. From other herders outside this khot ail					
	i. From bag governor					
	j. From soum or aimag governor k. From insurance agent					
	I. From agricultural officer					
	m. From bank branch					
13,04	Did your household receive information on index-	Vec. 4				
13,04	based livestock insurance from an insurance	Yes 1				
	agent who came to visit your household in the	No 2				
	last 12 months [since MONTH/YEAR]?					
13,05	In what circumstances does a household that bought in payouts the following year?  a. Each household who bought index-based livestock insurance received.	yes - 1 no <u>- 2</u>				
	b. A household receives payouts when it <u>lost</u> many livestock and othe <u>lost</u> many livestock.	er households in this soum also				
	c. A household receives payouts when it <u>lost</u> many livestock but othe <u>not lose</u> many livestock.	r households in this soum <u>did</u>				
	d. A household receives payouts when it <u>did not lose</u> many livestock but other households in this soum <u>lost</u> many livestock.					
	e. A household receives payouts when it <u>did not lose</u> many livestock soum also <u>did not lose</u> many livestock.	and other households in this				
13,06	READ: NOW I WOULD LIKE TO ASK YOU ABOUT A SCENARIO INSURANCE PAYOU					
		yes - 1 no - 2				
	a. Assume that a household has bought insurance. Now the circums					
	household is entitled to payouts. In the household's soum, more than goats had died in this soum, would the household receive higher pay	<u> </u>				
	b. Assume that a household has bought insurance for its goats. Now					
	that the household is entitled to payouts. If the household had insured would the household receive higher payouts from the insurance?	d a <u>larger value of its goats,</u>				
	would the household receive <u>fligher payouts</u> from the flish ance:					

NO.	QUESTION	CODING CATEGORIES	answer
13,07	How do you perceive your understanding of how index-based livestock insurance works? Please imagine a scale from 0 (do not understand it at all) to 10 (understand it completely).	0-10	
	EXPERIENCE WITH IN	NDEX INSURANCE	
13,08	Has your household ever bought index-based livestock insurance?	Yes 1 No 2	→ 13,25
13,09	Did your household buy index insurance for any of thosa. Winter 2015/2016 (bought in sales period January to June 2015) b. Winter 2016/2017 (bought in sales period January to June 2016) c. Winter 2017/2018 (bought in sales period January to June 2017) d. Winter 2018/2019 (bought in sales period January to June 2018)	yes - 1 no - 2	
13,10	Did your household buy index insurance from a bank (h STATE BANK) for any of those periods?  a. Winter 2015/2016 (bought in sales period January to June 2015) b. Winter 2016/2017 (bought in sales period January to June 2016) c. Winter 2017/2018 (bought in sales period January to June 2017) d. Winter 2018/2019 (bought in sales period January to June 2018)	yes - 1 no - 2	
13,11	Did your household receive a payout from index insural a. For winter 2015/2016 (paid in August 2016) b. For winter 2016/2017 (paid in August 2017) c. For winter 2017/2018 (paid in August 2018) d. For Winter 2018/2019 (paid in August 2019)	nce in any of those years?  yes - 1 no - 2	
	INDEX INSURANCE IN	J M/INITED 2010/20	

READ: NEXT, I WILL ASK YOU SOME QUESTIONS REGARDING INDEX-BASED LIVESTOCK INSURANCE SOLD IN THE SALES PERIOD BEWTEEN JANUARY AND JUNE 2019. PAYOUTS ARE PAID TO HOUSEHOLDS IN AUGUST 2020. THIS INSURANCE COVERS THE WINTER 2019/2020.

Period covered by IBLI 2019/2020

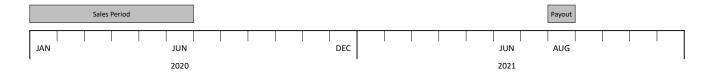


NO.	QUESTION	CODING CATEGORIES	answer
13,12	Did your household buy index-based livestock insurance in the sales period between January and June 2019?	Yes         1           No         2	→ 13,20
13,13	How much did your household pay for index-based livestock insurance in 2019?	,000 Tugrug	
13,14	For how many animals did you buy index-based livestock insurance in 2019?	a. Horse  b. Cattle  c. Camel  d. Sheep  e. Goat	
13,15	ENUMERATOR: DOES THE INTERVIEW TAKE PLACE AFTER AUGUST 2020?	Yes         1           No         2         -	→ 13,20
13,16	Did your household receive any insurance payouts from index-based livestock insurance in August 2020?	Yes 1 No 2 -	→ 13,20
13,17	How much did your household receive as payouts from index-based livestock insurance in 2020?	,000 Tugrug	
13,18	Did your household use the payouts from index-based following purposes?  a. Purchased animals b. Purchased animal fodder or hay c. Invested in other livestock activities d. Kept in cash/savings e. Paid back loan f. Bought food and household necessities g. Paid for children's education h. Paid for health care of household members i. Shared payouts with relatives and friends	livestock insurance in 2020 for the  Yes -1  No -2	
13,19	Did the insurance payouts from index-based livestock insurance help your household manage dzud?	payout helped 1 payout was too small 2 payout came too late 3 payout was too small and came too late 4	

INDEX INSURANCE IN WINTER 2020/2021

READ: NEXT, I WILL ASK YOU SOME QUESTIONS REGARDING INDEX-BASED LIVESTOCK INSURANCE SOLD IN THE SALES PERIOD BEWTEEN JANUARY AND JUNE 2020. PAYOUTS ARE PAID TO HOUSEHOLDS IN AUGUST 2021. THIS INSURANCE COVERS THE WINTER 2020/2021.

Period covered by IBLI 2020/2021



NO.	QUESTION	CODING CATEGORIES	answer
13,20	ENUMERATOR: DOES THE INTERVIEW TAKE PLACE BEFORE JULY 2020?	Yes         1           No         2	→ 13,22
13,21	Did your household buy or considers to buy index- based livestock insurance in the sales period between January and June 2020?	Yes, bought already 1 Very likely to buy 2 Maybe buy 3 Rather not 4 Definitely not 5	→ 13,23 → 13,25
13,22	Did your household buy index-based livestock insurance in the sales period between January and June 2020?	Yes 1  No 2 -	→ 13,25
13,23	How much did your household pay or plans to pay for index-based livestock insurance in 2020?	,000 Tugrug	
13,24	For how many animals did you buy (or are you planning to buy) index-based livestock insurance in 2020?	a. Horse  b. Cattle  c. Camel  d. Sheep  e. Goat	

## INDEX INSURANCE IN WINTER 2021/2022

READ: NEXT, I WILL ASK YOU SOME QUESTIONS REGARDING INDEX-BASED LIVESTOCK INSURANCE SOLD IN THE SALES PERIOD BETWEEN JANUARY AND JUNE **2021.** PAYOUTS ARE PAID TO HOUSEHOLDS IN AUGUST **2022.** THIS INSURANCE COVERS THE WINTER **2021/2022**.

Period covered by IBLI 2021/2022



NO.	QUESTION	CODING CATEGORIES	answer
13,25	Does your household consider to buy index-based livestock insurance in the sales period between January and June 2021?	Yes, bought already       1         Very likely to buy       2         Maybe buy       3         Rather not       4         Definitely not       5	→ 13,26 → 13,28
13,26	How much did your household pay or plans to pay for index-based livestock insurance in 2021?	,000 Tugrug	
13,27	For how many animals did you buy (or are you planning to buy) index-based livestock insurance in 2021?	a. Horse  b. Cattle  c. Camel  d. Sheep  e. Goat	

	TRUST IN INDEX	INSURANCE	
13,28	In general, how satisfied are you with index-based livestock insurance? Please imagine a scale from 0 (completely dissatisfied) to 10 (completely satisfied).	0-10	
13,29	In general, do you think that index-based livestock insurance is a product designed for your needs? Please imagine a scale from 0 (completely disagree) to 10 (completely agree)	0-10	
13,30	What do you think: How likely is it that you would have bought (more) insurance coverage if you had more cash during the previous sales period? Please imagine a scale from 0 (very unlikely) to 10 (very likely).	0-10	
	OTHER INSURANC	E PRODUCTS	
NO.	QUESTION	CODING CATEGORIES	answer
NO. 13,31	QUESTION  Has your household ever bought any of the following in  a. Property insurance b. Motor vehicle liability insurance c. Vehicle insurance d. Accident insurance e. Liabilty insurance f. Health insurance		answer

## **SECTION 14. IDENTITY**

ENUMERATOR: ASK THIS SECTION TO THE HEAD OF HOUSEHOLD. IF THE HEAD IS NOT AVAILABLE, ASK THE SPOUSE OF THE HEAD.

14,01	Which of the dzuds since 2005 was the worst to you?	winter 20/	

READ: THE NEXT QUESTIONS ARE ABOUT PROBLEMS AND COMPLAINTS THAT PEOPLE SOMETIMES HAVE IN RESPONSE TO STRESSFUL LIFE EXPERIENCES. PLEASE INDICATE HOW MUCH YOU HAVE BEEN BOTHERED BY EACH PROBLEM IN THE PAST 2 WEEKS.

NO.	QUESTION	CODING CATEGORIES	answer
14,02	Over the last 2 weeks, how often did it happen that you had little interest or little pleasure in doing things?	Not at all	
		Several days 2	
		More than half the days 3	
		Nearly every day 4	
14,03	Over the last 2 weeks, how often have you been feeling	Not at all 1	
,	down, depressed, or hopeless?	Several days 2	
		More than half the days 3	
		Nearly every day 4	
14,04	Over the last 2 weeks, how often have you been feeling nervous, anxious or on edge?	Not at all 1	
	nervous, anxious or on edge:	Several days 2	
		More than half the days 3	
		Nearly every day 4	
14,05	Over the last 2 weeks, how often have you not been able to	Not at all	
•	stop or control worrying?	Several days 2	
		More than half the days 3	
		Nearly every day 4	
		Trouting Graph Control of the Contro	
14,06	Over the last 2 weeks, how often have you been worrying too	Not at all 1	
	much about different things?	Several days 2	
		More than half the days 3	
		Nearly every day 4	
14,07	Over the last 2 weeks, how often have you felt trouble	Not at all 1	
14,07	relaxing?		
		Several days 2	
		More than half the days 3	
		Nearly every day 4	
14,08	Over the last 2 weeks, how often have you been so restless	Not at all	
	that it is hard to sit still?	Several days 2	
		More than half the days 3	
		Nearly every day 4	
14,09	Over the last 2 weeks, how often have you been been easily	Not at all 1	
,	annoyed or irritable?	Several days 2	
		Nearly every day 4	
14,10	Over the last 2 weeks, how often have you been feeling afraid	Not at all 1	
	as if something awful might happen?	Several days 2	
		More than half the days 3	
		Nearly every day 4	
44.44	If you had any of the above problems how difficult have the		
14,11	If you had any of the above problems, how difficult have these made it for you to do your work, take care of things at home,	Not difficult at all 1	
	or get along with other people?	Somewhat difficult 2	
	or get along with other people?	Very difficult 3	
		Extremely difficult 4	
	· · · · · · · · · · · · · · · · · · ·		

NO.	QUESTION	CODING CATEGORIES	answer
14,13	ENUMERATOR: DOES THIS HOUSEHOLD OWN ANY LIVESTOCK?	Yes 1	Section 15
	IDENTIFICATION AS		
14,14	Thinking of the last dzud, do you consider quitting herding?	Yes 1. No 2.	
14,15	How much are you bothered by worries about another dzud happening soon?	Not at all       1         A little bit       2         Moderately       3         Quite a bit       4         Extremely       5	
14,16	How important is the occupation as a herder for you?	Not at all         1           A little bit         2           Moderately         3           Quite a bit         4           Extremely         5	
14,17	Could you imagine to quit herding and work in another sector?	Not at all       1         A little bit       2         Moderately       3         Quite a bit       4         Extremely       5	
14,18	under which conditions would you consider quitting herding?  a. Another dzud occurring with up to 10% of own livestock dies b. Another dzud occurring with up to 20% of own livestock dies c. Another dzud occurring with up to 50% of own livestock dies d. Finding any job in another sector e. Finding a better paid job in another sector f. Receiving a loan to start another business	Yes - 1 No - 2	
14,19	ENUMERATOR: Write the ID Code of the person who answer	red this section.	

## **SECTION 15. HERDING**

NO.	QUESTION	CODING CATEGORIES	answer
		STOCK HEALTH	
15,01	ENUMERATOR: DOES THIS HOUSEHOLD OWN ANY LIVESTOCK?	Yes 1. No 2 —	→ Section 16
15,02	Did your livestock suffer from any livestock disease during the last 12 months?	Yes     1       No     2	→ 15,04
15,03	Which disease(s)?	a. 1st disease name: b. 2nd disease name: c. 3rd disease name:	
15,04	Did a veterinarian examine your livestock in the last 12 months?	Yes         1           No         2	
15,05	Did your household have your livestock vaccinated in the last 12 months?	Yes, vaccination done by veterinarian     1       Yes, vaccination done by household     2       No     3	
15,06	Did you use antibiotics in animals in the last 12 months?	Yes         1           No         2	→ 15,13
15,07	To which animals did you give antibiotics?	Horse       1         Cattle       2         Camel       3         Sheep       4         Goat       5	
15,08	How frequently did you give antibiotics to animals in the past 12 months?	Every week         1           Every month         2           Every three months         3           Every six months         4           Once         5           Only when animal is sick         6	
15,09	How did you obtain antibiotics?	At a pharmacy       1         At a shop       2         From a veterinarian       3         From a veterinerian/technician       4         From local organisations/NGOs       5         From other herders       6         Other (specify)       7	
15,10	Did you consult a veterinarian when you used antibiotics?	Yes, always         1           Yes, sometimes         2           No, never         3	
15,11	Do you agree that antibiotics can be used for all types of diseases in animals?	Strongly agree         1           Agree         2           Somwhat disagree         3           Strongly disagree         4           Do not know         5	
15,12	Do you agree that antibiotics may negatively affect the quality of meat product?	Strongly agree         1           Agree         2           Somwhat disagree         3           Strongly disagree         4           Do not know         5	

	CONFLICTS AND LAND TENURE		
NO.	QUESTION	CODING CATEGORIES	answer
15,13	In the past 12 months, did your household experie issues?	ence any conflict or dispute over the following  Yes - 1 No - 2	
	a. Access to campsite or pasture b. Access to water or well c. Theft of livestock d. Other (specify)	$\bigg\} \to$	if all no 15,16
15,14	Have you experienced losses due to these conflict  a. Damages to campsite or own property  b. Damages to water wells  c. Livestock losses  d. Other (specify)	Yes - 1 No - 2	
15,15	Who were the actors involved?  IF THERE WERE SEVERAL CONFLICTS, GIVE INFORMATION ON THE MOST IMPORTANT CONFLICT	Other herders1Bag/soum/aimag administration2Mining company3Other (specify)4	
15,16	In the past 12 months, did other household(s) trespass on your pasture land?	Yes         1           No         2	
15,17	How likely or unlikely is it that you could lose the right to use your winter campsite against your will in the next 5 years?	Very unlikley         1           Unlikely         2           Somewhat likely         3           Very likely         4	
15,18	Do you have any documents that demonstrate your right to stay on the land of your winter campsite?	<u>Yes 1</u> → <u>No 2</u>	15,20
15,19	What are the reasons you do not have documents demonstrating your right to stay in your winter campsite?	It costs too much to get them 1 Have to travel too far to get them 2 Don't have the necessary paperwork to get the documents 3 The process is too complicated 4 Not eligible to apply 5 Don't need the docul 6 Documents would not improve security of rights 7 Other (specify) 8	

	SHELTER,	PASTURE & CAMPSITE	
NO.	QUESTION	CODING CATEGORIES	answer
15,20	How is the condition of your winter shelter?	Very good 1	
		Good 2	
		Fair 3	
		Poor 4	
		Very poor 5	
15,21	How was the quality of pasture at each campsite i	in the nest 12 menths?	
15,21		in the past 12 months?	
	very good - 1 poor - 4	a. Winter campsite	
	good - 2 very poor - 5	b. Spring campsite	
	fair - 3	c. Summer campsite	
		d. Autumn campsite	
15,22	How was the water supply at each campsite in the	e past 12 months?	
	very good - 1 poor - 4	a. Winter campsite	
	good - 2 very poor - 5	b. Spring campsite	
	fair - 3	c. Summer campsite	
		d. Autumn campsite	
45.00	How long does it take you to get to the course cont		
15,23	How long does it take you to get to the soum cent using?	er with the means of transport you are usually	
	doing:	A. hours B. minutes	
	WRITE 0 IF HOUSEHOLD LIVES IN	a. Winter campsite	
	SOUM CENTER	b. Spring campsite	
		c. Summer campsite	
		d. Autumn campsite	
15,24	How long does it take you to get to the aimag centusing?	ter with the means of transport you are usually	
	_	A. hours B. minutes	
	WRITE 0 IF HOUSEHOLD LIVES IN	a. Winter campsite	
	AIMAG CENTER	b. Spring campsite	
		c. Summer campsite d. Autumn campsite	
	DECUMAR A		
		NOMADIC MOVEMENTS	
15,25	In the past 12 months, did your household	Yes 1	45.04
	move to another campsite?	No 2 —	→ 15,31
15,26	In the past 12 months, how many times did		
	your household move to a new campsite?	times	
45.07	In the past 12 months, how many kilometers	<del></del>	
15,27	did your household move in total (including	l. ————————————————————————————————————	
	· \2	km	
15,28	What means of transport does your household use	e to move to a new campsite?	
	Yes - 1	a. Truck	
	No - 2	b. Car or jeep	
		c. Tractor, carts or waggon	
		d. Foot	
15,29	Compared to 5 years ago, do you move	Maying more often now	
13,23	campsites more often now?	Moving more often now 1 The same 2	
	·	Moving less often now 3	
15,30	Compared to 5 years ago, when you move, do	Moving longer distances now 1	
	you move longer distances now?	The same 2 Moving shorter distances now 3	
15,31	If it were possible, would you like to move	Yes1	
	campsites more often?	<u>No</u> 2	

LIVESTOCK COOPERATIVES			
NO.	QUESTION	CODING CATEGORIES	answer
15,32	Is any person of this household currently	Yes 1	
	member of a livestock cooperative?		1 4504
		<u>No 2 — </u>	→ 15,34 L
15,33	Does your household receive the following benefit	ts from membership in the cooperative?	
	Yes - 1 No - 2	a. Sharing of pasture and/or water sources b. Information on herding practices c. Information on prices d. Access to credit e. Common marketing of livestock and livestock products	
		f. Other (specify)	
		KHOT AIL	
15,34	DOES THE HOUSEHOLD LIVE IN A RURAL AREA?	Yes 1 No 2→	Section 16
15,35	Does your household currently camp alone or together with other households (khot ail)?	Camping alone 1 —> Camping with other households (khot ail) 2	Section 16
15,36	What best describes the relationship between the households camping together (khot ail)?	Relatives         1           Friends         2           Employer-employee relationship         3           Other (specify)         4	
15,37	How closely does your household cooperate with other households in the khot ail?	Cooperate very closely         1           Cooperate closely         2           Cooperate sometimes         3           Rarely cooperate         4           No cooperation         5	>Section 16
15,38	Does your household camp together with other ho	puseholds?	
	Yes, with the same households as now - 1 Yes, but with different households than now - 2 No, household camps alone - 3	a. In winter b. In spring c. In summer d. In autumn	

## **SECTION 16. SERVICES TO HERDERS**

## ADVANCED WEATHER INFOMATION SYSTEM (AWI)

READ: NEXT, I WILL ASK YOU SOME QUESTIONS REGARDING AN ON-DEMAND MOBILE MESSAGING PLATFORM, WHICH DELIVERS FOR A SMALL FEE WEATHER FORECASTS AND FORAGE INFORMATION VIA MESSAGE (SMS). IT IS CALLED ADVANCED WEATHER INFOMATION SYSTEM (AWI) AND IS RUN BY NEMA (EARLIER MERCY CORPS).

NO.	QUESTION CODING CATEGORIES					
16,01	Have you ever heard of this SMS information service?	Yes 1	<b>≥</b> 16,04			
16,02	Have you ever used this SMS information service?	Yes 1. No 2 —	<b>→</b> 16,04			
16,03	In the past 12 months, did you use each SMS service in each season?  a. 3 days' weather forecast by Darksky.net b. The following 4-6 days' weather forecast by Darksky.net c. 2 days' weather forecast by NAMEM d. The following 2 days' weather forecast by NAMEM e. Information about pasture carrying capacity f. Information about forage g. Information about vegetation cover of pasture h. Information about summer condition or vegetation growth i. Infromation about drought j. Information about drought l. Information about dzud l. Information about dzud l. Information about dzud risk m. Market price information of hay and fodder	Yes -1 No -2 Y Spring O O O O O O O O O O O O O O O O O O O				
	CELLPHONE AND II	NTERNET USAGE				
NO.	QUESTION	CODING CATEGORIES	answer			
16,04	Which phones do you use in your household?	Yes - 1 No - 2  a. Simple cellphone  b. G-mobile desktop phone c. Smartphone				
16,05	How many members of your household have a cellphone (simple cellphone/smartphone)?	Number				
16,06	What cellphone operator do you use?	Mobicom         1           Unitel         2           Skytel         3           G-Mobile         4				
16,07	Do you have cellphone network coverage at your campsite? yes, always - 1 no - 3 yes, sometimes - 2 do not know - 4	a. In spring b. In summer c. In autumn d. In winter				
16,08	For what purpose do you use your cellphone?	Yes - 1 No - 2  a. Calls b. Sms c. Internet d. GPS				
16,09	Does your houshold have access to the internet?	Yes, via own smartphone         1           Yes, via mobile router         2           Yes, via neighbours' device         3           Yes, in an internet cafe         4           No access         5	Section 17			

16,10	How good is your access to the internet? Please imagine a scale from 0 (almost no access to the internet) to 10 (unlimited internet access).	0-10	
16,11	How often do you use the internet for the following purp	oses?	
	once per year - 2 b. Get information	on on weather forecast on on livestock prices on on pasture conditions ey	
16,12	What means do you use to get information on weather forecasts?	A Radio b. Newspaper c. TV d. Other herders e. Apps/smartphone f. Internet	

#### **SECTION 17. SOCIAL NETWORKS**

### **Subsection 17.1 Informal Relationships**

READ: NOW I WOULD LIKE TO ASK YOU ABOUT THE PEOPLE YOU ASK FOR ADVICE, WHO HELP YOU IN EMERGENCY SITUATIONS OR PEOPLE WHO YOU HELP OUT WHEN THEY FACE A PROBLEM. PLEASE THINK ABOUT SITUATIONS IN THE PAST 12 MONTHS IN WHICH YOU PROVIDED OR RECEIVED ADVICE, SUPPORT OR HELP IN ANY FORM. (Households can decide on their own how many persons they want to list.)

No.	17,01	17,02	17,03				17,04										
	How is this person related	What is this person's main	Where does th	Where does the person live?			How many times in the past 12 months did you help each other with the										
	to the head of the	occupation?					following	?									
	household?																
	Parent	Herding	1				A. Money	/credit	B. Findi	ng job	C. Help with D. Help with house						
	Child 2	Wage job in private company/business	2 IF ABI	IF ABROAD WRITE 99 IN AIMAG NAME/ UB				I				tasks (caring for					
	Sibling	Self-employed in private								1		herding activities		children/ elderly/ sick)			
	Distant relative	company/business	3														
	Friend 5	Government/ public administration	a. Aimag n	a. Aimag name/ UB		b. Soum											
	Member of khot ail	No job/ Pensioner	5				a.	b.	a.	b.	a.	b.	a.	b.			
	Other (specify)	Other (specify)	6 Name	Code	Name	Code	provided	received	provided	received	provided	received	provided	received			
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	

17,05 ENUMERATOR: DOES THIS HOUSEHOLD OWN ANY LIVESTOCK?	Yes 1	No 2	<del>&gt;</del> 17,07
--	-------	------	-----------------------

	a. Livestock prices	b. Marketing/ selling of livestock	c. Livestock breeding/ herd diversificatio n	d. Veterinary care	e. Migration movements / otor		weather	h. Index- based livestock insurance
	times	times	times	times	times	times	times	times
1								
2								
3								
4								
5								
6								
7								
8								

# **Subsection 17.2 Formal networks**

NO.	QUESTION	CODING CATEGORIES	answer				
17,07	Do you know the name of your current bag governor?	Yes         1           No         2					
17,08	How well do you know your bag governor?	very well         1           well         2           medium         3           little         4           not at all         5					
17,09	Have you asked your bag governor for help in the last 12 months [since MONTH/YEAR]?	Yes         1           No         2					
17,10	Do you know the name of your current soum governor?	Yes         1           No         2					
17,11	How well do you know your soum governor?	very well         1           well         2           medium         3           little         4           not at all         5					
17,12	Have you asked your soum governor for help in the last 12 months?	Yes         1           No         2					
17,13	Is any person in this household currently a member of a herder council (malchin buleg)?	Yes         1           No         2					
17,14	Is any person in this household currently a member of the Bag or Soum Khural?	Yes         1           No         2					
17,15	ENUMERATOR: Write the ID Code of the person who answered this section.						

## **SECTION 18. SUBJECTIVE INDICATORS**

ENUMERATOR: IF THE HEAD IS PRESENT, ASK THIS SECTION TO THE HEAD OF HOUSEHOLD. IF THE HEAD IS NOT PRESENT, ASK THIS SECTION TO THE SPOUSE OF THE HEAD.

READ: HOW SATISFIED ARE YOU TODAY WITH THE FOLLOWING AREAS OF YOUR LIFE? PLEASE RATE THESE AREAS FROM 0 (COMPLETELY DISSATISFIED) TO 10 (COMPLETELY SATISFIED).											
					SA	IISFIE	:D).				
completely dis	satisfie	ed									completely satisfied
	0	1	2	3	4	5	6	7	8	9	10

NO.	QUESTIONS	CODING CATEGORIES a	nswer				
	LIFE SATISFACTION	V					
18,01	Your own health	0-10					
18,02	Your dwelling	0-10					
18,03	Your family life	0-10					
18,04	The economic situation of your household	0-10					
18,05	Your personal income	0-10					
18,06	Your job (if employed)  IF RESPONDENT IS UNEMPLOYED, WRITE 99	0-10					
18,07	Being a herder (if respondent is a herder)  IF RESPONDENT IS NOT A HERDER, WRITE 99	0-10					
18,08	The quality of education at your children's school  IF RESPONDENT HAS NO CHILDREN IN SCHOOL, WRITE 99	0-10					
18,09	Economic development in Mongolia	0-10					
18,10	The general situation of herders in Mongolia	0-10					
18,11	The future of your children/of the young generation	0-10					
18,12	All things considered, how satisfied are you with your life these days?	0-10					
	HOUSEHOLD'S SITUATION TODAY COMPARI	ED TO PAST AND FUTURE					
18,13	If you look back 12 months, how was the economic situation of your household <u>12 months ago</u> compared to your economic situation today?	Much better       1         A bit better       2         The same       3         A bit worse       4         Much worse       5					
18,14	How do you expect the economic situation of your household to be in 12 months from now compared to your economic situation today?	Much better       1         A bit better       2         The same       3         A bit worse       4         Much worse       5					
18,15	How do you expect the economic situation of your household to be in <u>5 years from now</u> compared to your economic situation today?	Much better 1 A bit better 2 The same 3 A bit worse 4 Much worse 5					
18,16	Looking at the past 5 years, how much does your household's income fluctuate from one year to the next?	Is always the same 1 Fluctuates a little (ca. 10%) 2 Fluctuates somewhat (ca. 20%) 3 Fluctuates a lot (ca. 30%) 4 Fluctuates very much (40% and more) 5					

# **SECTION 18. SUBJECTIVE INDICATORS (continuation)**

NO.	QUESTIONS	CODING CATEGORIES	answer						
	WELLBEING								
18,17	Concerning your household's <u>housing</u> , which of the following is true?	More than adequate1Just adequate2Less than adequate3							
18,18	Concerning your household's <u>clothing</u> , which of the following is true?	More than adequate1Just adequate2Less than adequate3							
18,19	Concerning your children's <u>schooling</u> , which of the following is true?	More than adequate 1  Just adequate 2  Less than adequate 3  No child in school or university 99							
18,20	Concerning your household's <u>food consumption</u> last month, which of the following is true?	More than adequate 1 —  Just adequate 2  Less than adequate 3	<b>→ 18,23</b>						
18,21	<u>Last month</u> , did you or any household member go to sleep hungry because there was not enough food?	Yes 1 No 2	<b>→</b> 18,23						
18,22	How often did this happen <u>last month</u> ?	rarely (1-2 times)       1         sometimes (3-9 times)       2         often (more than 10 times)       3							
18,23	Now I would like to ask you some questions about your food consumptio MONTH/YEAR]. During the last 12 months, was there a time when:	-							
	yes - 1 no - 2  1 your household did not have enough food to meet your family's needs?  2 you ate only a few kinds of food because of a lack of money or other resources?  3 you ate less than you thought you should because of a lack of money or other resources?  4 your children did not eat healthy and nutritous food because of a lack of money or other resources?								
	HOUSEHOLD'S SITUATION COMPARED TO OTHER PEOPLE								
	READ: PLEASE IMAGINE AN ELEVEN-STEP LADDER WHERE THE THIS SOUM STAND ON THE BOTTOM (STEP 0) AND THE RICHEST STAND ON THE HIGHEST STEP (STEP 10).	POOREST PEOPLE IN PEOPLE IN YOUR SOUM .							
	poorest 0								
18,24	On which step is your household <u>today</u> (compared to other people in your soum today)?	0-10							
18,25	On which step was your household <u>12 months ago</u> ? (compared to other people in your soum 12 months ago)	0-10							
18,26	On which step do you expect your household to be 12 months from now? (compared to other people 12 months from now)	0-10							
18,27	On which step do you expect your household to be <u>5 years from now?</u> (compared to other people 5 years from now)	0-10							
18,28	On which step are most of your friends today? (compared to other people today)	0-10							
18,29	ENUMERATOR: Write the ID Code of the person who answered this section.	ID Code							

#### **SECTION 19. REMITTANCES RECEIVED**

NO.	QUESTION		answer	
19,01	In the last 12 months [since MONTH/YEAR], has any member of your household received any gifts, cash, livestock, or other goods from others?	Yes 1		
		<u>No</u> 2	$\longrightarrow$	19,09

USE A SEPARATE ROW FOR EACH REMITTANCE. IF THERE ARE MORE THAN 10 REMITTANCES. LIST THE 10 MOST VALUABLE.

	19,02	19,03	ICE. IF THERE ARE MORE THAN 1	19,05	,	19,06	19	,07					19,08
	Who	For what main	Who sent the gift?	Where does the person		What is the main occupation	w	hat is	How				
	received	purpose did the				of the person who sent the		ceived	regularly				
		person receive the				gift?							was the gift
		gift?	Parent(s), Child,		RITE 99 IN AIMAG								received?
			1 Sibling 1	NA	ME/ UB								
			2 Other relatives 2										Weekly 1
	WHOLE HH RECEIVED		3 Friend 3			Herding	1						Monthly 2
	GIFT	Education	4 Member of khot ail 4			Wage job in private company/							Quarterly 3
		Health expenses	5 Other (specify) 5			business	2	a. Nun	Yearly 4				
		Dzud	6 Unable to identify 6 → 19,07			Self-employed in private company/	IF	NO LIVI			EIVED	b. Total	Irregularly 5
		Food / consumption	7			business 3		WRITE 0					Once 6
		Haircutting ceremony	8	a. Aimag		Government/public administration	4					of cash	
		Help during coronavirus lockdown	9	name/ UB	b. Soum	No job/ Pensioner	5 6	Cattle	Camel	Sheep	at	and other goods	
		Other ceremony/ award	0			Other (specify)	6 ±	2. Ca	3. Ca	4. Sh	5. Goat		
	ID Code	Other (specify) 1	1	Name	Name							,000 Tugrug	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													

NO.	QUESTION	CODING CATEGORIES	
19,09	Did any member of your household receive any other gift, cash, livestock, or other goods on the occasion of a <u>baby born</u> in the past 12 months?	Yes 1 7 No 2	⇒ go back to 19,01 and fill out 19,02-19,08
19,10	Did any member of your household receive any other gift, cash, livestock, or other goods on the occasion of a <u>wedding</u> in the past 12 months?	Yes 1	→ go back to 19,01 and fill out 19,02-19,08

## **SECTION 20. REMITTANCES SENT**

NO.	QUESTION	CODING CATEGORIES	answer
20,01	In the last 12 months [since MONTH/YEAR], has any member of your household supported another person who lives in another household	Yes 1	
	with any gifts, cash, livestock, or other goods?		→ 20,08

USE A SEPARATE ROW FOR EACH REMITTANCE. IF THERE ARE MORE THAN 10 REMITTANCES, LIST THE 10 MOST VALUABLE.

	EPARATE ROW FOR EACH REMIT			ANCES, LIST THE	ā.			_					
	20,02	20,03	20,04		20,05		20,0						20,07
	Who received the gift?	For what main	Where does the	recipient of	What is the main		Wha	t is th	ne val	lue of	the g	gift?	How
		purpose was the gift	the gift live?		occupation of the	Э							regularly
		given?			recipient?								was the gift
		3											given?
													giveni
	Parent(s) 1	Birth 1	IF ABROAD WRITI	E 99 IN AIMAG	Herding	1							
	Child 2	Wedding 2	NAME/		Wage job in private		2						
	Sibling 3	Funeral 3			company/ business	2							Weekly 1
	Distant relative 4	Education 4			Self-employed in								Monthly 2
	Friend 5	Health expenses 5	1		private company/					livestock			Quarterly 3
	Member of khot ail 6	Dzud 6			business	3	а	. Numb	er of I				Yearly 4
	Other (specify) 7	Food / consumption 7					IF NO	IF NO LIVESTOCK F		( RECE	RECEIVED b. Tota		Irregularly 5
	Unable to identify 8 ▶18,06	Haircutting ceremony 8				4			VRITE			D. I Olai	Once 6
		Other ceremony/		h Soum	administration							amount of cash	
		award 9	a. Aimag name/ UB	b. Soum	No job/ Pensioner	5						and other	
		Donation 10			Other (specify)	6						goods	
		Help during										goodo	
		coronavirus lockdown 11					se	<u>0</u>	nel	Sheep	Ħ		
		Other (specify) 12	Name	Name			Horse	Cattle	Camel	She	Goat	,000	
		Other (specify) 12	ivaine	Name			1.1	2.0	3. (	4.	5. (	Tugrug	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
		•											

NO.	QUESTION		answer
20,08	Did any member of your household give away any other gift, cash, livestock, or other goods on the occasion of a <u>baby born</u> in the past	Yes 1.	→ go back to 20,01 and fill out 20,02-20,07
	12 months?	No 2	
20,09	Did any member of your household give away any other gift, cash, livestock, or other goods on the occasion of a <u>wedding</u> in the past 12	Yes 1	→ go back to 20,01 and fill out 20,02-20,07
	months?	No 2	

#### **SECTION 21. SAVINGS AND LOANS**

NO.	QUESTIONS	CODING CATEGORIES	answer
21,01	Does any member of your household have an account in a bank?	Yes 1 No 2	<b>→ 21,03</b>
21,02	What is the total amount of money you have put in your account(s) in the past 12 months [since MONTH/YEAR]?  GIVE THE TOTAL AMOUNT OF ALL SAVING ACCOUNTS OF ALL HOUSEHOLD MEMBERS	.000 Tugrug	
21,03	Did any member of your household take out a loan from a bank, a changer or a private person anytime in the past 12 months [since MONTH/YEAR]?	Yes 1	→ Section 2
21,04	In the past 12 months [since MONTH/YEAR], how many loans in total did all members of your household repay?	Number	

USE A SEPARATE ROW FOR EACH LOAN.

	21,05	21,06	21,07	21,0	8		21	1,09			2	21,10	21,11		21,12		21,13	
	Type of loan	Purpose of loan	Who gave the loan		en did y sehold	•	ho	ouseho		od did yo e out this		Total amount of loan when it was taken	How much of household (	•		uch did ousehold	How do you finance repaying the loan?	
		Pay household expenses	1	out t	his Ioa	ın?	lo	an?					household n	,	,	ousehold		
		Buy a car/ motorcycle	2										spent on rep			er) spent		
No.	Salary loan	Buy durable goods	3										loan last mo	onth?		aying this	Delayed payments	1
	Retirement loan	2 Build/buy house	4													the last	Planned selling of	
	Mortgage loan	3 Buy land	5 Bank	1											12 mor	nths?	livestock or byproducts	2
	Consumption loan	4 Invest in business	6 Non-bank financial institution	2													Unplanned selling of	
	Education/ tuition loan	5 Medical treatment	7 Savings & credit cooperative	3													livestock or byproducts	3
	Livestock loan	6 Education	8 Employer	4													Cut back on spending	4
	Business loan	7 Wedding/ other celebrations	9 Individual	5													Ask for help from family or friends	5
	Leasing	8 Send a household member abroad 1	0 Pawn shop	6													Take another loan	6
	Vehicle/ car loan	9 Purchase livestock 1	1 Changer	7													Work overtime, take an extra job	7
	Other (specify)	10 Other (specify) 1	2 Other (specify)	8										b. Heads of	a. ,000	b. Heads of	Other (specify)	8
					Yea	r		Nu	mber of	f months		a. ,000 Tugrug	a. ,000 Tugrug	livestock	Tugrug	livestock		
1																		
2																		
3																		
4																		
5																		

	Y		
NO.	QUESTIONS	CODING CATEGORIES	answer
21,14	ENUMERATOR: DOES THIS HOUSEHOLD OWN ANY	Yes	1
	LIVESTOCK?	No	2 → Section 22
			····
21,15	How often do you use cash to purchase anything?		1
		Every week	2
		Every month	3
		A few times per year	4
			5
21,16	Do you usually have cash (at least 30,000 MNT) at home?		
		Yes - 1 No - 2	_
	a. In spring		
	b. In summer		
	c. In autumn		
	d. In winter		_
21,17	In the last 12 months did you ever have to sell livestock to cover		1
	unexpected expenditures?	No	2 → <b>21,19</b>
		+	
21,18	For what kind of unexpected expenditures did you have to sell livesto	ck?	
		Yes - 1 No - 2	_
	a. Purchasing fodder		
	b. Repair of shelter or vehicles		
	c. Medical treatment		
	d. Education		
	e. Job search of a household member		
	f. Other		<b>1</b>
21,19	Now, imagine that you have an emergency and you need	Yes	1
	to pay 450,000 MNT. Is it possible that you could come up	No	2 -> <b>21,21</b>
	with 450,000 MNT in cash within 2 weeks?		·····
	What would be the MAIN source of money that you would use to		
21,20	come up with 450,000 MNT in cash within 2 weeks?		1
	Come up with 450,000 with in cash within 2 weeks:		2
		Borrowing from a bank	3
		Relatives, friends, neighbors	4
		Selling livestock	5
			6
			7
		Catal (speaky)	<u></u>
21,21	In the past 12 months, did your household save money for ?		
		Yes - 1 No - 2	
	a. Purchasing livestock		7 <b>I</b>
	b. Other investments in herding (shelter, vaccination, otor)		7 <b>I</b>
	c. Investments in non-herding business		7 <b> </b>
	d. Large household expenses		<b>┤                                    </b>
			<b>┤                                    </b>
	e. Emergencies		<b>┤                                    </b>
	f. Festivities		<b>┤                                    </b>
	g. Education		1 1
	h. Other		

## **SECTION 22. HOUSING**

NO.	QUESTION	NS _				CODING CAT	EGORIES			Answer	
22,01	Did your ho	ousehold live in a g	er at any time in the	past 12 months?	•	Yes No			1 2 —	> 22,12	
22,02	1 Did your household live in a ger at any time in the past 12 months?  Yes  No  2 → 22  2 How many gers has your household lived in during the past 12 months?  INCLUDE GERS SET UP FOR CHILDREN WHO ATTEND SCHOOL  3 ENUMERATOR: IS THE HOUSEHOLD CURRENTLY LIVING IN A GER?  OBSERVE AND NOTE THE TYPE OF HOUSING THE HH IS CURRENTLY LIVING IN  What is the distance from this ger to the aimag/soum center?  WHAT IS THE INTERVIEW IS CURRENTLY TAKING PLACE  IF HOUSEHOLD LIVES IN AIMAG/SOUM CENTER WRITE 000  What is the main water supply in this ger?  Protected well  Unprotected well  Unprotected well  2 Transportation distribution  3 Communal water pump  4 Other common water access point  5 River, fountain  6 Snow, ice  7 Other (specify)  8  Does your household own or rent another ger for children of the household who attend school?										
22,03						No			2 —	> 22,06	
22,04	WHERE THE	INTERVIEW IS CURR	ENTLY TAKING PLACE			a. Aimag center					
22,05	Unprotected well Transportation distribution Communal water pump Other common water access point River, fountain Snow, ice Other (specify)										
22,06			ent another ger for c	children of the ho	usehold who	Household ren	ts ger		2	> 22,08 > 22,09	
22,07	How much	rent does your hou	sehold pay in total fo	or this ger per sc	hool year?	,000 Tugrug					
22,08		school children and school year?	d other members of y	your household li	ive in this ger	a.School childr	hold members	Numl	ber		
No.	Ger		22,10 If this ger was sold today, how much would it be sold for?	22,11 In the past 12 m the following ite a. Walls			usehold spent d. Floor	on repairs and e. Door	f. Pillar	ements of	
		Years	,000 Tugrug	,000 Tugrug	,000 Tugrug	,000 Tugrug	,000 Tugrug	,000 Tugrug	,000 Tugi	rug	
1	First ger										
2	Second ger										
3	Third aer										

## SECTION 22. HOUSING (continuation)

ENUMERATOR: THIS SECTION REFERS TO ANY DWELLING THAT IS NOT A GER.

NO.	QUESTIONS						CODING CATEGO	ORIES		answer
22,12	Did your househ	old live in a dwelling a	t any time in th	e past 12 m	onths?		Yes No		1	> Section 23
22,13	•	ings has your househo		•	12 months?		number			
22,14		: IS THE HOUSEHOL TE THE TYPE OF HOUSI					Yes No		1	> 22,17
22,15	What is the dista	ance from this dwelling	to the aimag/s	soum center	?				Distance (km)	
	WHERE THE INTER	RVIEW IS CURRENTLY TA	AKING PLACE				a. Aimag center			
	IF HOUSEHOLD LI	VES IN AIMAG/SOUM CEN	ITER WRITE 000				b. Soum center			
22,16	What is the main	n water supply in this o	dwelling?		Centralized: cold w Centralized: cold w Protected well Unprotected well Transportation dist Communal water p Other common wat River, fountain Snow, ice Other (specify)	ater pipe only ribution ump	1 2 3 4 5 6 7 8 9			
22,17	Does your house school?	ehold own or rent anot	her dwelling fo	r children of	the household wh	o attend	Household owns do Household rents do No	> 22,19   > 22,20		
22,18	How much rent of	does your household p	pay in total for t	his dwelling	per school year?		,000 Tugrug			
22,19	How many school dwelling during t	ol children and other n he school year?	nembers of you	ır household	l live in this		a.School children		Number	
No.	Dwelling  Apartment house 1  Comfortable cottage 2  Detached house 3  Community apartment 4  Other (specify) 5  Square meters  Meters of the dwelling  dwelling  Apartment house 1  Owned by hh ▶22,25  Community apartment 4  Other (specify) 5  Square meters  Meters of the dwelling  is the monthly rent? If you wanted to rent this dwelling out to someone else, how much could you get for it per month?  Would it be sold for?  Other (specify) 3  Square meters  Meters of the dwelling  is the monthly rent? if you wanted to rent this dwelling was sold today, how much would it be sold for?  Other (specify) 3					I22,27 In the past 12 mon did the household on repairs and repl the dwelling?	spent in total acements for			
4	First dwelling									
5	Second dwelling									
6	Third dwelling									

## **SECTION 23. ENERGY**

NO.	QUESTIONS	CODING CATEGORIES	answer
23,01	What is the main source of heating used in this dwelling/ger?	Centralized Private low-pressure boiler Private electrical heater Traditional firewood/coal/dung stove Other (specify)	1 2 3 4 5
23,02	What is the main source of electricity used in this dwelling/ger?	Central system Local system/diesel station Hyraulic power station Solar system Wind system Small gen-set Other (specify)	1 2 3 4 5 6 7
23,03	Do you use electricity for lighting?	Yes No	.12

		23,04	23,05	23,06		23,07	23,08
No.	I láilián tá um a	Has the household used [] in the past 12 months?	How do you mainly obtain […]?	past 12 months [		Amount spent on [] in past 12 months	Amount spent on [] last month
No.	Utility type			a. Unit	b.Quantity		
		Yes 1	Purchase 1	Cubic meter 1	Cubic meter 1		
		No 2 ► NEXT ITEM	Collect 2	Ton 2	1		
			Both purchase and collect 3	Bag 3		,000 Tugrug	,000 Tugrug
1	Water		xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	XXXXXXXXX	XXXXXXXX		
2	Hot water		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX	xxxxxxxx		
3	Electricity		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX	XXXXXXXX		
4	Heating bill		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX	XXXXXXXX		
5	Waste water sewage		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX	XXXXXXXX		
6	Garbage disposal		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX	XXXXXXXX		
7	Gas Fuel		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX	XXXXXXXX		
8	Firewood						
9	Coal						
10	Dung						
11	Other (specify)						

## **SECTION 24. CONSUMPTION**

## Subsection 24.1 Food consumption

No.	Food Code	24,01 How much did your household consume of [] last week?  Unit Quantity	No.	Food Code		uch did your old consume of week?	No.	Food Code		h did your d consume of reek?
MEA	T & MEAT PRODUCTS	Offit Quantity	FLC	UR & FLOUR PROI			CAN	IDY & SUGAR	Offic	Quantity
01	Mutton	kg	21	Flour, 1st grade	kg		45	Sugar	kg	
02	Beef	kg	22	Flour, 2nd grade	kg		46	Candy	kg	
03	Goat meat	kg	23	Pasta	kg		47	Chocolate	piece	
04	Horse meat	kg	24	Bread	piece		TEA	, COFFEE, BEVERAGE		
05	Camel meat	kg	25	Bakery	kg		48	Tea	gr	
06	Pork meat	kg	26	Biscuit	kg		49	Coffee	gr	
07	Chicken	kg	27	Millet	kg		50	Fruit juice/Soft drinks	lit	
08	Dried meat	kg	28	Rice	kg		51	Bottled water	lit	
09	Canned meat	kg	FRU	JIT			ALC	OHOL & TOBACCO		
10	Hunting meat	kg	29	Apple	kg		52	Vodka	lit	
11	Canned fish (125 gr)	piece	30	Grape	kg		53	Beer	lit	
12	Animal interior	kg	31	Dried fruit	kg		54	Wine	lit	
13	Sausage	kg	32	Jam	kg		55	Cigarette (20 pieces/box)	piece	
14	Egg	piece	33	Peanuts	kg		56	Pipe tobacco (350gr package)	gr	
MILK	& DAIRY PRODUCTS		VEG	ETABLES			57	Snuff	package	
15	Milk	lit	34	Potato	kg		SEA	SONINGS		
16	Yogurt	lit	35	Cabbage	kg		58	Salt	gr	
17	Curd	kg	36	Carrot	kg		59	Vegetable oil	lit	
171	Aarts	kg	37	Turnip	kg		60	Mayonnaise	kg	
172	Khoormog	lit	38	Onion	kg		61	Vinegar (170 gr bottle)	gr	
18	Cheese	kg	39	Garlic	kg		62	Ketchup (250 gr bottle)	gr	
19	Cream	kg	40	Tomato	kg			Barm	gr	
20	Butter	kg	41	Cucumber	kg		SUF	PLEMENTS		
			42	Beetroot	kg		64	Vitamin supplements	package	
			43	Pickled cucumber (720 ml container)	kg		65	Mineral supplements	package	
			44	Canned vegetables (720 ml container)	kg		66	Nutrition supplements for young children, pregnant women, or lactating mothers	package	

Subsection 24.2 Dietary diversity
READ: NOW I WOULD LIKE TO ASK YOU ABOUT THE TYPES OF FOODS THAT HOUSEHOLD MEMBERS ATE DURING THE LAST DAY AND AT NIGHT (IN THE LAST 24 HOURS). THIS INCLUDES ALL FOOD CONSUMED AT HOME OR OUTSIDE.

	24,02	24,03	24,04	24,05	24,06	24,07	24,08	24,09	24,10	24,11	24,12	24,13	24,14	24,15
COPY THE ID CODE OF			1		In the last	24 hours, did [l	NAME] consum	ne	yes	- 1 no - 2				
ALL RESPONDEN TS FROM THE HOUSEHOLD ROSTER.	bread, biscuits or any other	noodles or other rice	meats	meats (liver,	Any cheese, yoghurt, milk or other milk products?	Any potatoes, carrots, turnips, yams or any other foods made from roots or tubers?	vegetables	(apples, grapes, etc.)?	Any eggs?	Any fresh or dried fish or shellfish?	Any foods made from beans, peas, lentils or nuts?	Any oil, fat, or butter?	Any suggar or honey?	Any other foods, such as condiments, coffee, tea?

# **Subsection 24.3 Non-food consumption**

NO.	QUESTIONS	CODING CATEGORIES	answer						
24,16	How much did the household spend in total in the past week on food consumption?	,000 Tugrug							
	PLEASE ASK THIS QUESTION DIRECTLY TO THE HOUSEHOLD. IF THE HOUSEHOLD DOESN'T REMEMBER, ASK FOR AN ESTIMATE.								
24,17	How much did the household spend in total in the past month on food consumption?	,000 Tugrug							
	PLEASE ASK THIS QUESTION DIRECTLY TO THE HOUSEHOLD. IF THE HOUSEHOLD DOESN'T REMEMBER, ASK FOR AN ESTIMATE.								
24,18	How much did all members of your household spend on purch months?	ases of [] in the past 12							
	IF NOT PURCHASED WRITE 0								
	1. Men's clothing	,000 Tugrug							
	2. Men's shoes								
	3. Women's clothing								
	4. Women's shoes								
	5. Children's clothing /0-13 years old/								
	6. Children's shoes /0-13 years old/								
	7. Jewelries								
	8. Cloth								
	9. Newspapers, books, stationary, DVDs/CDs								
	10. Soap, shampoo, toiletries								
	11. Hairdresser, beauty salon								
	12. Public transportation (bus, railway, airticket)								
	13. Taxi								
	14. Fuel for transport								
	15. Tire for car/motorcycle								
	16. Cellphone bill								
	17. Landline phone bill								
	18. Internet								

## **SECTION 25. DURABLES**

ASK QUESTION 25,01 FOR ALL ITEMS FIRST. IF THE ANSWER TO 25,01 IS "1" THEN GO THROUGH QUESTIONS 25,02-25,04 FOR EVERY ITEM. DO NOT ASK FOR REPAIRS AND SPARE PARTS.

No.	Type of Durable	25,01	25,02	25,03	25,04				
	<i>,</i> ,	Does your	Did your household	How much did your	If you wanted to				
				household pay for []					
		[]?	12 months [since MONTH/YEAR]?	per piece?	how much would				
			MONTH/TEARJ?		you receive <b>per</b> piece?				
					p.000.				
		V 1	V 4						
		Yes 1 No 2	Yes 1	1					
		No 2 ► NEXT ITEM	No 2 ► 25,04	,000 Tugrug	,000 Tugrug				
HOME AI	PPLIANCES	I NEXT HEW	20,04	,coo ragrag	,000 ragrag				
1	Refrigerator								
2	Vacuum cleaner								
3	Washing machine								
4	Sewing machine								
5	Electric or gas stove								
6	Traditional firewood/coal/dung								
	stove								
7	Electric heater								
8	Solar power generator								
9	Wind power generator								
10	Electric generator (gen-set)								
11	Electric iron								
FURNITU									
12	Bed								
13	Sofa								
14	Wardrobe closet								
15	Table								
16	Wooden trunk								
17	Carpet								
	ONIC GOODS								
18	Cellphone								
19	Landline phone								
20	Camera								
21	Radio								
22	CD or tape player								
23	TV								
24	Computer or laptop								
241	Satellite dish								
	ORTATION								
	Bicycle								
	Motorcycle								
27	Car/Jeep								
28	Truck								
29	Tractor								
30	Cart/Wagon								

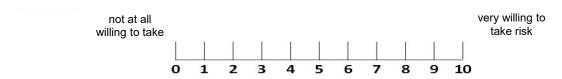
27	Car/Jeep		
28	Truck		
29	Tractor		
30	Cart/Wagon		
25,05	ENUMERATOR:Write the ID Code of the	$\Box$	

#### **SECTION 26. RISK**

ENUMERATOR: IF THE HEAD IS PRESENT, ASK SECTION 26 TO THE HEAD OF HOUSEHOLD. IF THE HEAD IS NOT PRESENT, ASK THIS SECTION TO THE SPOUSE OF THE HEAD.

## WILLINGNESS TO TAKE RISK

READ: I WILL NOW PRESENT YOU WITH SOME QUESTIONS ON RISK. WITH RISK I MEAN A SITUATION THAT COULD SOMETIMES LEAD TO A GOOD OUTCOME (HIGH PAYOFF/GAIN) OR A BAD OUTCOME (LOW PAYOFF/LOSS). PLEASE GIVE YOUR ANSWERS ON A SCALE FROM 0 (NOT AT ALL WILLING TO TAKE RISK) TO 10 (VERY WILLING TO TAKE RISK).



NO.	QUESTION	CODING CATEGORIES	ANSWER
26,01	How do you see yourself: Are you generally a person who is fully prepared to take risks or do you try to avoid taking risks? ENUMERATOR: DO <u>NOT</u> GIVE ANY FURTHER EXPLANATION OR EXAMPLE	0-10	

#### **SECTION 27. CHILD ANTHROPOMETRY**

FOR ALL CHILDREN YOUNGER THAN 8 YEARS.

27,01		27,02	27,03		27,04		27,05						27,06	27,07	27,0	)8	27,08 27,09					27,1	1	27,12	
Child ID	) Code	Child Name	Mother I	D code	Father code	ID	What	hat is [NAME]'s date of birth? A			is [NAME]'s date of birth?  Age of [NAME]?  Sex Weight Height measu lying down or standing up?		Height measured lying down or standing up?  FOR CHILDREN 0-	Height			Left middle arm circumferen e		e Results for weight, height and arm enc circumference						
COPY 1 CODE CHILD UNDER FROM HOUSE	OF PREN AGE 8 THE	COPY THE NAME OF THE CHILD FROM THE HOUSEHOLD ROSTER	COPY TO CODE OF MOTHER CHILD FR HOUSE	OF THE POF THE ROM THE EHOLD	CODE FATH THE FROI	THE ID OF THE ER OF CHILD M THE EHOLD							IN COMPLETED YEARS. FOR CHILDREN LESS THAN 3 YEARS, WRITE				23 MONTHS MEASURE HEIGHT WITH CHILD LYING								
ROST			IF MOTHE NOT LI SAI HOUSE	ER DOES IVE IN ME	IF FA DOES N	THER IOT LIVE							AGE IN MONTHS				FOR CHILDREN 24 MONTHS AND OLDER MEASURE HEIGHT WITH CHILD STANDING.							All measured Child not present Refused	1 2
			WRIT			TE 99								Male 1			Lying	1						Technical problem	3 4
								a. Year		b. Month		c. Day	Years	Female 2		Kg	Standing	2	Centimeters		rs	Cei	ntimeters	Other (specify)	Other (specify) 5
																				-					
											+				-					<u> </u>					

ENUMERATOR: CHECK AGAIN IN THE HOUSEHOLD ROSTER THE NUMBER OF CHILREN OF YOUNGER THAN 8 YEARS: |\_\_|. MAKE SURE YOU TOOK MEASURES OF ALL CHILDREN IN THIS SECTION.