SHARES Community Questionnaire

SURVEY IDENTIFICATION INFORMATION
QUESTIONNAIRE DESCRIPTION

COVER /// A. IDENTIFICATION
No sub-sections, No rosters, Questions: 8, Static texts: 3.

B. INFORMED CONSENT AND RESPONDENT ROSTER
No sub-sections, Rosters: 1, Questions: 7, Static texts: 2.

C1-C5. POPULATION, SCHOOLS, CLINICS, ELECTRICITY, MOBILE NETWORK AND ADMINISTRATION
Sub-sections: 5, No rosters, Questions: 58, Static texts: 2, Variables: 1.

C6-9. VILLAGE ACCESSIBILITY, MARKETS & IRRIGATION
Sub-sections: 10, No rosters, Questions: 42.

D1. CROP CULTIVATION
Sub-sections: 3, No rosters, Questions: 30.

D2. WAGES
No sub-sections, No rosters, Questions: 12.

D3. AGRICULTURAL MIGRANTS
Sub-sections: 4, No rosters, Questions: 50.

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
Sub-sections: 15, No rosters, Questions: 75.

F. LAND OWNERSHIP
Sub-sections: 2, Rosters: 1, Questions: 32.

G. CREDIT
No sub-sections, Rosters: 1, Questions: 10.

H. NON-FARM BUSINESS INVENTORY
No sub-sections, Rosters: 1, Questions: 5.

I. FARMER ASSOCIATIONS
No sub-sections, Rosters: 1, Questions: 5.

J. DEVELOPMENT PROJECTS
No sub-sections, Rosters: 2, Questions: 16.

K. CLIMATE CHANGE
No sub-sections, Rosters: 1, Questions: 28.

L. CONFLICT
No sub-sections, No rosters, Questions: 9.

END THE INTERVIEW
No sub-sections, No rosters, Questions: 1, Static texts: 1.

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

APPENDIX B — OPTIONS

APPENDIX C — VARIABLES

LEGEND

Basic information

Title   SHARES Community Questionnaire

COVER /// A. IDENTIFICATION

a101. Enter township code	SINGLE-SELECT a101
	01 ◯
	02 ◯
	05 ◯
	06 ◯
	08 ◯
	09 ◯
	11 ◯
	12 ◯
	13 ◯
	14 ◯

a102. Enumeration Area (EA) SHARES code	NUMERIC: INTEGER a102
E1 `self.InRange(0,999) && ( (a101==14 && (self.InRange(1,16)|| self.InRange(71,77)))|| (a101==1 && self.InRange(17,20)) || (a101==2 && self.InRange(21,32)) || (a101==5 && self.InRange(89,96)) || (a101==6` **And 260 other symbols [1]** M1 This code does not correspond to an EA in the selected township.	- .

a103. Please enter the code of this village tract or ward	NUMERIC: INTEGER a103
I This is the 3-digit code for the village tract or ward, ex: 427, 550,etc.... E1 `self.InRange(0,999)` M1 This code cannot have more than three digits	- .

a104. Please enter the village name(s)	TEXT a104
I If two villages in this EA, please separate by a comma (,)	....

a105. What is the gps location?	GPS a105
	- N
	- W
	- A

a106. Does this enumeration area...	SINGLE-SELECT a106
	01 ◯ Form part of a village that includes other enumeration areas
	02 ◯ Cover more than one village
	03 ◯ Have boundaries that coincide exactly with the village boundaries

Date and time of interview start	DATE: CURRENT TIME	start
	....	

STATIC TEXT

End time will be recorded at the end of the interview.

a107. Enter your enumerator code:	TEXT	a107
I This is your personal identifier. Example: 010, 020, 030,.., 100, 110, 120 , etc.	....	

B. INFORMED CONSENT AND RESPONDENT ROSTER

STATIC TEXT

My name is [name of enumerator] and I would like to interview you for a survey that is being conducted by researchers from the Center for Economics and Social Development (CESD), Michigan State University and the International Food Policy Research Institute. This survey aims to provide researchers with a detailed understanding of rural livelihoods in Shan State and carry out analyses to assist policy makers in identifying policies to promote welfare in Myanmar. The researchers are visiting villages in four different townships and your village was seleted randomly for participation. The interview will take up to 2 hours to complete. You have the right to not participate or stop the interview at any time. Please note, however, that we value your participation. Be assured that the information you give will be held in the strictest confidence. If you have questions or concerns about your role and rights as a research participant, or if you would like to receive more information about this study, you may contact, anonymously if you wish, Ko Zaw Min Naing of the Center for Economics and Social Development at 09 971 615 016.

b100. Do you agree to participate in the interview?	SINGLE-SELECT	b100
E1 `self==1` M1 If respondents do not consent, you should stop the interview now.	01 ◯ Yes 02 ◯ No	

b101. Enter respondent names (maximum 6):	LIST	b101
	....	

		B_Respondents
	SINGLE-SELECT	b102
	01 ◯ 02 ◯	

	SINGLE-SELECT	b103
	01 ◯	
	02 ◯	
	03 ◯	
	04 ◯	
	05 ◯	
	06 ◯	
	07 ◯	
	08 ◯	
	09 ◯	
	10 ◯	
	11 ◯	
	12 ◯	
	13 ◯	
	14 ◯	
	15 ◯	
	16 ◯	
	And 1 other symbols [1]	

	TEXT	b103s
	┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄	

STATIC TEXT

Before we start the interview, I would like to take the contact details of one of the participants. This would allow us to follow up if there are further questions about the data we collected.

b104. Who is willing to be our contact person?	SINGLE-SELECT: LINKED	b104

b105. Please tell us your phone number	TEXT	b105
	┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄	

C1-C5. POPULATION, SCHOOLS, CLINICS, ELECTRICITY, MOBILE NETWORK AND ADMINISTRATION

C1-C5. POPULATION, SCHOOLS, CLINICS, ELECTRICITY, MOBILE NETWORK AND ADMINISTRATION
C1 POPULATION

c101. In what year was this village formed?	NUMERIC: INTEGER	c101
E1 $year	━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ .	
M1 Please answer YYYY format, 9996 for before living memory, or 9997 for don't know	SPECIAL VALUES	
	9996 Before living memory or more than 100 years ago	

c102a How many registered households are there in this village currently?	NUMERIC: INTEGER	c102a
	━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ .	

c103a How many households in the village out of %c102a% are currently involved in farming?	NUMERIC: INTEGER c103a
E1 `self<=c102a` M1 Number of farm households cannot be more than number of households in village	‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑

c102b How many registered households were there in this village in 2015?	NUMERIC: INTEGER c102b
	‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑

c103b How many households in the village out of %c102b% were involved in farming in 2015?	NUMERIC: INTEGER c103b
E1 `self<=c102b` M1 Number of farm households cannot be more than number of households in village	‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑

c102c How many registered households were there in this village in 2012?	NUMERIC: INTEGER c102c
E1 `$hh` M1 Check your number and confirm !!!!	‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑

c103c How many households in the village out of %c102c% were involved in farming in 2012?	NUMERIC: INTEGER c103c
E1 `self<=c102c` M1 Number of farm households cannot be more than number of households in village	‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑

c102d How many registered households were there in this village in 2007?	NUMERIC: INTEGER c102d
E1 `$hh` M1 Check your number and confirm !!!!	‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑

c103d. How many households in the village out of %c102d% were involved in farming in 2007?	NUMERIC: INTEGER c103d
E1 `self<=c102d` M1 Number of farm households cannot be more than number of households in village	‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑

c104. Why did the number of households in this village increase rapidly between 2007 and 2017? E `c102a >= (c102d * 1.3)`	MULTI-SELECT c104 01 ☐ Natural population growth 02 ☐ Division of extended households into smaller units 03 ☐ Refugees from other parts of Shan settled here 04 ☐ Migrants from Dry Zone moved here 99 ☐ Other (specify)

c104s. Specify other reason… E `c104.Contains(99)`	TEXT c104s ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯

c105. Which ethnic groups live in this village?	MULTI-SELECT c105
	01 ☐ Shan
	02 ☐ Pa'O
	03 ☐ Burmese
	04 ☐ Danu
	05 ☐ Taungyoe
	06 ☐ Kayan (Karenni)
	07 ☐ Innthar
	08 ☐ Lahu
	09 ☐ Akha
	10 ☐ Palaung (Ta'ang)
	11 ☐ Kayin
	12 ☐ Wa
	13 ☐ Kokang
	14 ☐ Chinese
	15 ☐ Tamil/other South Asian
	16 ☐ Mixed
	And 3 other symbols [2]
c105s. Specify other ethnicity E `c105.Contains(99)`	TEXT c105s ....
c106a. Among the %c102a% registered households currently living in this village, how many are Shan? E `c105.Contains(1)`	NUMERIC: INTEGER c106a ------------------------------
c106b. Among the %c102a% registered households currently living in this village, how many are Pa'O? E `c105.Contains(2)`	NUMERIC: INTEGER c106b ------------------------------
c106c. Among the %c102a% registered households currently living in this village, how many are Burmese? E `c105.Contains(3)`	NUMERIC: INTEGER c106c ------------------------------
c106d. Among the %c102a% registered households currently living in this village, how many are Danu? E `c105.Contains(4)`	NUMERIC: INTEGER c106d ------------------------------
c106e. Among the %c102a% registered households currently living in this village, how many are Taungyoe? E `c105.Contains(5)`	NUMERIC: INTEGER c106e ------------------------------
c106f. Among the %c102a% registered households currently living in this village, how many are Kayan (Kayanni)? E `c105.Contains(6)`	NUMERIC: INTEGER c106f ------------------------------

c106g. Among the %c102a% registered households currently living in this village, how many are Innthar?	NUMERIC: INTEGER	c106g
E c105.Contains(7)	----------------------------------	

c106h. Among the %c102a% registered households currently living in this village, how many are Lahu?	NUMERIC: INTEGER	c106h
E c105.Contains(8)	----------------------------------	

c106i. Among the %c102a% registered households currently living in this village, how many are Akha?	NUMERIC: INTEGER	c106i
E c105.Contains(9)	----------------------------------	

c106j. Among the %c102a% registered households currently living in this village, how many are Palaung (Ta'ang)?	NUMERIC: INTEGER	c106j
E c105.Contains(10)	----------------------------------	

c106k. Among the %c102a% registered households currently living in this village, how many are Kayin?	NUMERIC: INTEGER	c106k
E c105.Contains(11)	----------------------------------	

c106l. Among the %c102a% registered households currently living in this village, how many are Wa?	NUMERIC: INTEGER	c106l
E c105.Contains(12)	----------------------------------	

c106m. Among the %c102a% registered households currently living in this village, how many are Kokang?	NUMERIC: INTEGER	c106m
E c105.Contains(13)	----------------------------------	

c106n. Among the %c102a% registered households currently living in this village, how many are of Chinese ethnicity?	NUMERIC: INTEGER	c106n
E c105.Contains(14)	----------------------------------	

c106o. Among the %c102a% registered households currently living in this village, how many are Tamil/Other South Asian?	NUMERIC: INTEGER	c106o
E c105.Contains(15)	----------------------------------	

c106p. Among the %c102a% registered households currently living in this village, how many are of mixed ethnicity?	NUMERIC: INTEGER	c106p
E c105.Contains(16)	----------------------------------	

c106q. Among the %c102a% registered households currently living in this village, how many are Yinn?	NUMERIC: INTEGER	c106q
E c105.Contains(17)	----------------------------------	

c106r. Among the %c102a% registered households currently living in this village, how many are Li Sue?	NUMERIC: INTEGER	c106r
E c105.Contains(18)	--------------------------------	

c106s. Among the %c102a% registered households currently living in this village, how many are of other ethnicity?	NUMERIC: INTEGER	c106s
E c105.Contains(99)	--------------------------------	

VARIABLE (c106a.HasValue? c106a:0)+ (c106b.HasValue? c106b:0)+ (c106c.HasValue? c106c:0)+ (c106d.HasValue? c106d:0)+ (c106e.HasValue? c106e:0)+ (c106f.HasValue? c106f:0)+ (c106g.HasValue? c106g:0)+ (c10 And 332 other symbols [1]	DOUBLE	c107

STATIC TEXT

Total is %c107%, respondent said there were %c102a% registered hh in village

STATIC TEXT

E c107!=0 && (0.80>c107/c102a || c107/c102a>1.20)

*************************** ERROR *************************** TOTAL NUMBER OF HOUSEHOLDS OF DIFFERENT ETHNICITIES DIFFERENT THAN NUMBER OF REGISTERED HOUSHOLDS!!! PLEASE CHECK **************************

C1-C5. POPULATION, SCHOOLS, CLINICS, ELECTRICITY, MOBILE NETWORK AND ADMINISTRATION
C2 SCHOOLS

c201. What kind of school is the village served by?	SINGLE-SELECT 01 ◯ Primary 02 ◯ Post-primary 03 ◯ Middle school 04 ◯ High school 05 ◯ Not served by any school	c201

c202a. In which year did the primary school first open?	NUMERIC: INTEGER	c202a
E c201==1 E1 $year M1 Please answer in YYYY format or 9997 for do not know	--------------------------------	

c202b. In which year did the post-primary school first open?	NUMERIC: INTEGER	c202b
E c201==2 E1 $year M1 Please answer in YYYY format or 9997 for do not know	--------------------------------	

c202c. In which year did the middle school first open?	NUMERIC: INTEGER	c202c
E c201==3 E1 $year M1 Please answer in YYYY format or 9997 for do not know	--------------------------------	

c202d. In which year did the high school first open?	NUMERIC: INTEGER c202d
E c201==4 E1 $year M1 Please answer in YYYY format or 9997 for do not know	

c203. How long does it usually take children from this village to reach the nearest primary school?	TEXT c203
I Please answer in HH:MM format E c201==5	

c204. How long does it usually take children from this village to reach the nearest upper high school?	TEXT c204
I Please answer in HH:MM format E (c201!=3 && c201!=4)	

c205. How many students from this village have graduated from university in the past 5 years	NUMERIC: INTEGER c205

C1-C5. POPULATION, SCHOOLS, CLINICS, ELECTRICITY, MOBILE NETWORK AND ADMINISTRATION

C3 CLINICS

c301. Is the village served by a clinic?	SINGLE-SELECT c301 01 ◯ Yes 02 ◯ No

c302. How far is the nearest clinic (miles)?	TEXT c302
I Please put the values in miles and furlong MM:0F E c301==2	

c303. In which year did the clinic first open?	NUMERIC: INTEGER c303
E c301==1 E1 $year M1 Please answer in YYYY format or 9997 for do not know	

c304. Is the village served by a rural health center / sub rural health center?	SINGLE-SELECT c304 01 ◯ Yes 02 ◯ No

c305. In which year did the rural health center / sub rural health center first open?	NUMERIC: INTEGER c305
E c304==1 E1 $year M1 Please answer in YYYY format or 9997 for do not know	

c306. Is there a maternity room at rural health center / sub rural health center?	SINGLE-SELECT c306 01 ◯ Yes 02 ◯ No
E c304==1	

c307. In which year did the maternity room first open?	NUMERIC: INTEGER c307
E c306==1 E1 $year M1 Please answer in YYYY format or 9997 for do not know	- -

C1-C5. POPULATION, SCHOOLS, CLINICS, ELECTRICITY, MOBILE NETWORK AND ADMINISTRATION

C4 ELECTRICITY AND MOBILE NETWORK

c401. Does the village have an electricity connection?	SINGLE-SELECT c401 01 ◯ Yes 02 ◯ No

c402. How is the electricity connection to the village supplied? E c401==1	MULTI-SELECT c402 01 ☐ Through a transformer provided by the government 02 ☐ Through a transformer purchased by the community 03 ☐ Through a transformer owned by a private individual 99 ☐ Other (specify)

c402s. Please specify other electricity provider E c402.Contains(99)	TEXT c402s ....

c403. In which year did the village receive its electricity connection? (dnk = 9997) E c401==1 E1 $year M1 Please answer with four-digit number or 9997 for do not know	NUMERIC: INTEGER c403 -

c404. Among the %c102a% registered households in this village, how many have access to mains electricity? (dnk = 9997) E c401==1 E1 self<=c102a M1 Higher than current households in village, Check your answer!!!	NUMERIC: INTEGER c404 -

c405. During the past 7 days, on how many days did the village experience powercuts? E c401==1 E1 self<=7 M1 ERROR - cannot be more than 7 days in one week	NUMERIC: INTEGER c405 -

c406. During the past 7 days, when the village experienced power cuts how long did these last for on average? I Please answer in HH:MM format E c405>=1	TEXT c406 ....

c407. Is there mobile phone access in this village?	SINGLE-SELECT c407 01 ◯ Yes 02 ◯ No

c408. In what year did this village first receive access to mobile internet(e.g. facebook)?	NUMERIC: INTEGER c408
E `c407==1` E1 `self.InRange(1900,2018) || self==9993 || self==9997` M1 Please check again...	- SPECIAL VALUES 9993 [9993] - The Internet has not been applicable. 9997 [9997] - Don't know
c409. Which providers does this village have access to? F `c407==1`	MULTI-SELECT c409 01 ☐ MPT 02 ☐ Telenor 03 ☐ Oredoo 04 ☐ MEC (CDMA/WCDMA) 05 ☐ MyTel

C1-C5. POPULATION, SCHOOLS, CLINICS, ELECTRICITY, MOBILE NETWORK AND ADMINISTRATION
C5 ADMINISTRATION

c500. Which organization controls the administration of this village? I 9997 = "don't know"	TEXT c500 ··

C6-9. VILLAGE ACCESSIBILITY, MARKETS & IRRIGATION

C6-9. VILLAGE ACCESSIBILITY, MARKETS & IRRIGATION
C6 ACCESS TO VILLAGE

c601. What is the primary mode of access to the village?	SINGLE-SELECT c601 01 ○ Road 02 ○ Waterway 03 ○ Railway 99 ○ Other (Specify)
c601s. Specify the other primary mode of access to the village E `c601==99`	TEXT c601s ··
c602. Is there a paved road leading to this village?	SINGLE-SELECT c602 01 ○ Yes 02 ○ No
c603. In what year did the village receive a paved road? I 9997 = 'Don't know'; 9996 = 'since before village was established' E `c602==1` E1 `$year` M1 Please answer with a four-digit number or 9997 for do not know	NUMERIC: INTEGER c603 -
c604. How far is the nearest paved road (miles)? I Please put the values in miles and furlong MM:0F E `c602==2`	TEXT c604 ··

c605. Is this village accessible by car in the dry season?	SINGLE-SELECT c605
	01 ◯ Yes
	02 ◯ No

c606. Is this village accessible by car in the wet season?	SINGLE-SELECT c606
	01 ◯ Yes
	02 ◯ No

C6-9. VILLAGE ACCESSIBILITY, MARKETS & IRRIGATION
C7 ACCESS TO URBAN CENTERS

c700. What is the name of the nearest town?	TEXT c700
	....

C6-9. VILLAGE ACCESSIBILITY, MARKETS & IRRIGATION / C7 ACCESS TO URBAN CENTERS
NEAREST TOWN

c701. How far is [%c700%] located (miles)?	NUMERIC: DECIMAL c701
E1 $mile	
M1 More than 50 miles? Please check.	-----------------------------

c702. Most common mode of transport for people to reach %c700%	SINGLE-SELECT c702
	01 ◯ Motorcycle
	02 ◯ Ox cart
	03 ◯ Trawelerji
	04 ◯ Boat
	05 ◯ Bus
	06 ◯ Car
	07 ◯ Bicycle
	08 ◯ Truck
	99 ◯ Other (specify)

c702s. Specify (if answered 99)	TEXT c702s
E c702==99	....

c703a. How long does a one way journey to %c700% using %c702% take in the dry season?	TEXT c703a
I Please answer in HH:MM format	....

c703b. How long does a one way journey to %c700% using %c702% take in the wet season?	TEXT c703b
I Please answer in HH:MM format	....

c704. What was the most common mode of transport for people to reach %c700% 5 years ago?	SINGLE-SELECT c704
	01 ◯ Motorcycle
	02 ◯ Ox cart
	03 ◯ Trawelerji
	04 ◯ Boat
	05 ◯ Bus
	06 ◯ Car
	07 ◯ Bicycle
	08 ◯ Truck
	99 ◯ Other (specify)

c704s. Specify other...	TEXT	c704s
E c704==99	....	

c705a. How long did a one way journey to %c700% using %c704% take in the dry season 5 years ago?	TEXT	c705a
	....	
I Please answer in HH:MM format		

c705b. How long did a one way journey to %c700% using %c704% take in the wet season 5 years ago?	TEXT	c705b
	....	
I Please answer in HH:MM format		

C6-9. VILLAGE ACCESSIBILITY, MARKETS & IRRIGATION
C8 MARKETS

c801. Is there a temporary market in the village?	SINGLE-SELECT	c801
	01 ◯ Yes	
	02 ◯ No	

c802. What is the distance to the nearest temporary market? (in miles)	NUMERIC: DECIMAL	c802
E c801==2	- -	
	SPECIAL VALUES	
	9998 [9998] - Not Applicable	

c803. How often is the temporary market organized?	SINGLE-SELECT	c803
E c801==1	01 ◯ Every five days	
	02 ◯ Every month	
	99 ◯ Other (specify)	

c803s. Specify frequency of market	TEXT	c803s
E c803==99	....	

c804. Is there a permanent market in the village?	SINGLE-SELECT	c804
	01 ◯ Yes	
	02 ◯ No	

c805. What is the distance to the nearest permanent market (in miles)?	TEXT	c805
I Please put the values in miles and furlong MM:0F	....	
E c804==2		

C6-9. VILLAGE ACCESSIBILITY, MARKETS & IRRIGATION
C9 IRRIGATION

c901. Is the village served by any irrigation originating from streams or springs?	SINGLE-SELECT	c901
	01 ◯ Yes	
	02 ◯ No	

C6-9. VILLAGE ACCESSIBILITY, MARKETS & IRRIGATION / C9 IRRIGATION
SURFACE WATER IRRIGATION FROM STREAM, SPRING, OR POND
E c901==1

c902. How many households currently have access to irrigation water originating from a stream, spring or pond?	NUMERIC: INTEGER	c902
	- -	

E1 `self<=c102a`
M1 HIGH VALUE- CHECK AGAIN!!! Number of HH with access to irrigation more than number of farm HH in village

c903. How many households had access to irrigation water originating from a stream, spring or pond 5 years ago?	NUMERIC: INTEGER	c903
	- -	

E1 `self<=c103c`
M1 HIGH VALUE- CHECK AGAIN!!! Number of HH with access to irrigation more than number of farm HH in village in 2012

c904. Is the village within the catchment area of a dam irrigation scheme?	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	c904

C6-9. VILLAGE ACCESSIBILITY, MARKETS & IRRIGATION / C9 IRRIGATION
DAM IRRIGATION

E `c904==1`

c905. In what year did the village first receive water from the dam irrigation scheme?	NUMERIC: INTEGER	c905
	- -	

E1 `$year`
M1 Please enter a four-digit year YYYY or 9997 for "do not know"

c906. How many households currently have access to water from the dam?	NUMERIC: INTEGER	c906
	- -	

E1 `self<=c102a`
M1 HIGH VALUE- CHECK AGAIN!!! Number of HH with access to irrigation more than number of farm HH in village

c907. How many households had access to water from the dam 5 years ago?	NUMERIC: INTEGER	c907
	- -	

E1 `self<=c103c`
M1 HIGH VALUE- CHECK AGAIN!!! Number of HH with access to irrigation more than number of farm HH in village in 2012

c908. Is the village within the catchment area of any river water pumping scheme?	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	c908

C6-9. VILLAGE ACCESSIBILITY, MARKETS & IRRIGATION / C9 IRRIGATION
RIVER WATER PUMPING SCHEME

E `c908==1`

c909. In what year did the village first receive water from the pumping scheme?	NUMERIC: INTEGER	c909
	- -	

E1 `$year`
M1 Please enter a four-digit year YYYY or 9997 for "do not know"

c910. How many households currently have access to water from the pumping scheme?	NUMERIC: INTEGER	c910
E1 self<c102a		
M1 HIGH VALUE- CHECK AGAIN!!! Number of HH with access to irrigation more than number of farm HH in village		

c911. How many households had access to water from the pumping scheme 5 years ago?	NUMERIC: INTEGER	c911
E1 self<=c103c		
M1 HIGH VALUE- CHECK AGAIN!!! Number of HH with access to irrigation more than number of farm HH in village in 2012		

c912. Is the village served by any privately or community operated irrigation tubewells?	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	c912

C6-9. VILLAGE ACCESSIBILITY, MARKETS & IRRIGATION / C9 IRRIGATION

PRIVATE & COMMUNITY OPERATED TUBEWELL IRRIGATION

E c912==1

c913. In what year did the village first receive water from privately or community operated irrigation tubewells?	NUMERIC: INTEGER	c913
E1 $year		
M1 correction: Please enter a valid year in YYYY format, or 9997 for do not know		

c914. How many households currently have access to water from the privately or community operated irrigation tubewells?	NUMERIC: INTEGER	c914
E1 self<=c102a		
M1 HIGH VALUE- CHECK AGAIN!!! Number of HH with access to irrigation more than number of farm HH in village		

c915. How many households had access to water from the private or community operated irrigation tubewell 5 years ago?	NUMERIC: INTEGER	c915
E1 self<=c103c		
M1 HIGH VALUE- CHECK AGAIN!!! Number of HH with access to irrigation more than number of farm HH in village in 2012		

c916. Is the village served by any publically operated irrigation tubewells?	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	c916

C6-9. VILLAGE ACCESSIBILITY, MARKETS & IRRIGATION / C9 IRRIGATION

PUBLIC TUBEWELL IRRIGATION

E c916==1

c917. In what year did the village first receive water from the public irrigation tubewell?	NUMERIC: INTEGER	c917
E1 $year		
M1 Please enter a four-digit year YYYY or 9997 for "do not know"		

c918. How many households currently have access to water from the public irrigation tubewell?	NUMERIC: INTEGER c918
E1 `self<c102a` M1 HIGH VALUE- CHECK AGAIN!!! Number of HH with access to irrigation more than number of farm HH in village	- .

c919. How many households had access to water from the public irrigation tubewell 5 years ago?	NUMERIC: INTEGER c919
E1 `self<c103c` M1 HIGH VALUE- CHECK AGAIN!!! Number of HH with access to irrigation more than number of farm HH in village in 2012	- .

D1. CROP CULTIVATION

D1. CROP CULTIVATION
MAIZE CULTIVATION

d101a. Did any household in this village grow maize in 2017?	SINGLE-SELECT d101a
	01 ◯ Yes 02 ◯ No

d101b. How many HH grew maize in 2017?	NUMERIC: INTEGER d101b
E `d101a==1` E1 `self<=c102a` M1 Cannot be more than the number of registered households in that year. Please check.	- .

d101c. Among %d101b% households who grew maize in 2017, how many intercropped with pigeon pea?	NUMERIC: INTEGER d101c
E `d101a==1` E1 `self<=d101b` M1 CHECK AGAIN!!! Number of HH greater than number of maize growing HH	- .

d101d. What was the average (most common) area of maize cultivated by maize farming households in this village in 2017? [acres]	NUMERIC: DECIMAL d101d
E `d101a==1`	- .

d101e. Among %d101b% households who grew maize in 2017, how many did land preparation for maize with a tractor?	NUMERIC: INTEGER d101e
E `d101a==1` E1 `self<=d101b` M1 CHECK AGAIN!!! Number of HH greater than number of maize growing HH	- .

d101f. Among %d101b% households who grew maize in 2017, how many threshed maize with a mechanical thresher?	NUMERIC: INTEGER d101f
E `d101a==1` E1 `self<=d101b` M1 CHECK AGAIN!!! Number of HH greater than number of maize growing HH	- .

d102a. Did any household in this village grow maize in 2012?	SINGLE-SELECT d102a 01 ◯ Yes 02 ◯ No

d102b. How many HH grew maize in 2012? E `d102a==1` E1 `self<=c102c` M1 Cannot be more than the number of registered households in 2012. Please check.	NUMERIC: INTEGER d102b ‒

d102c. Among %d102b% households who grew maize in 2012, how many intercropped with pigeon pea? E `d102a==1`	NUMERIC: INTEGER d102c ‒

d102d. What was the average (most common) area of maize cultivated by maize farming households in this village in 2012? [acres] E `d102a==1`	NUMERIC: DECIMAL d102d ‒

d102e. Among %d102b% households who grew maize in 2012, how many did land preparation for maize with a tractor? E `d102a==1` E1 `self<=d102b` M1 CHECK AGAIN!!! Number of HH greater than number of maize growing HH	NUMERIC: INTEGER d102e ‒

d102f. Among %d102b% households who grew maize in 2012, how many threshed maize with a mechanical thresher? E `d102a==1` E1 `self<=d102b` M1 CHECK AGAIN!!! Number of HH greater than number of maize growing HH	NUMERIC: INTEGER d102f ‒

d103a. Did any household in this village grow maize in 2007?	SINGLE-SELECT d103a 01 ◯ Yes 02 ◯ No

d103b. How many HH grew maize in 2007? E `d103a==1` E1 `self<=c102d` M1 Cannot be more than number of registered HH in that year	NUMERIC: INTEGER d103b ‒

d103c. Among %d103b% households who grew maize in 2007, how many intercropped with pigeon pea? E `d103a==1` E1 `self<=d103b` M1 CHECK AGAIN!!! Number of HH greater than number of maize growing HH	NUMERIC: INTEGER d103c ‒

d103d. What was the average (most common) area of maize cultivated by maize farming households in this village in 2007? [acres] E `d103a==1` E1 `$under10k` M1 Land area over 10000 acres unlikely. Please check.	NUMERIC: DECIMAL d103d ‒

d103e. Among %d103b% households who grew maize in 2007, how many did land preparation for maize with a tractor?	NUMERIC: INTEGER d103e
E `d103a==1` E1 `self<=d103b` M1 CHECK AGAIN!!! Number of HH greater than number of maize growing HH	-----------------------------------

d103f. Among %d103b% households who grew maize in 2007, how many threshed maize with a mechanical thresher?	NUMERIC: INTEGER d103f
E `d103a==1` E1 `self<=d103b` M1 CHECK AGAIN!!! Number of HH greater than number of maize growing HH	-----------------------------------

D1. CROP CULTIVATION
PIGEONPEA CULTIVATION

d104a. Did any household in this village monocrop pigeonpea in 2017?	SINGLE-SELECT d104a 01 ◯ Yes 02 ◯ No

d104b. How many households monocropped pigeonpea in 2017?	NUMERIC: INTEGER d104b
I 9997 = 'don't' know' E `d104a==1` E1 `self<=c102a` M1 Cannot be more than the number of registered households in that year. Please check.	-----------------------------------

d104c. What was the average (most common) area of monocropped pigeon pea cultivated by pigeon pea farming households in this village in 2017? [acres]	NUMERIC: DECIMAL d104c
E `d104a==1` E1 `$under100k` M1 Land area over 100000 acres unlikely. Please check.	-----------------------------------

d104d. Did any household in this village monocrop pigeonpea in 2012?	SINGLE-SELECT d104d 01 ◯ Yes 02 ◯ No

d104e. How many HH monocropped pigeonpea in 2012?	NUMERIC: INTEGER d104e
I 9997 = 'don't know' E `d104d==1` E1 `self<=c102c` M1 Cannot be more than the number of registered households in 2012. Please check.	-----------------------------------

d104f. What was the average (most common) area of monocropped pigeon pea cultivated by pigeon pea farming households in this village in 2012? [acres]	NUMERIC: DECIMAL d104f
E `d104d==1` E1 `$under100k` M1 Land area over 100000 acres unlikely. Please check.	-----------------------------------

d104g. Did any household in this village monocrop pigeonpea in 2007?	SINGLE-SELECT	d104g
	01 ◯ Yes	
	02 ◯ No	

d104h. How many households monocropped grew pigeonpea in 2007?	NUMERIC: INTEGER	d104h
I 9997 = 'don't know'	_____	
E d104g==1		
E1 self<=c102d		
M1 Cannot be more than the number of registered households 5 years ago. Please check.		

d104i. What was the average (most common) area of monocropped pigeon pea cultivated by pigeon pea farming households in this village in 2007? [acres]	NUMERIC: DECIMAL	d104i
E d104g==1	_____	
E1 $under100k		
M1 Land area over 100000 acres unlikely. Please check.		

D1. CROP CULTIVATION
DRAFT ANIMALS

d105a How many households owned draft animals in 2017?	NUMERIC: INTEGER	d105a
E1 self<=c102a	_____	
M1 Cannot be more than the number of registered households in 2017. Please check.		

d105b How many households owned draft animals in 2012?	NUMERIC: INTEGER	d105b
E1 self<=c102c	_____	
M1 Cannot be more than the number of registered households in 2012. Please check.		

d105c How many households owned draft animals in 2007?	NUMERIC: INTEGER	d105c
E1 self<=c102d	_____	
M1 Cannot be more than the number of registered households in 2007. Please check.		

D2. WAGES

d201ma. What was the average daily wage for MALE agricultural workers harvesting the main monsoon crop in 2017? (in Kyat)	NUMERIC: INTEGER	d201ma
E1 $v100_to_10k	_____	
M1 Check your daily wage; it is less than 100 kyat or more than 10000 Kyat.		

d201fa. What was the average daily wage for FEMALE agricultural workers harvesting the main monsoon crop in 2017? (in Kyat)	NUMERIC: INTEGER	d201fa
E1 $v100_to_10k	_____	
M1 Check your daily wage; it is less than 100 kyat or more than 10000 Kyat.		

d202ma. What was the average daily wage for MALE agricultural workers in dry season 2017? (in Kyat)	NUMERIC: INTEGER d202ma ---
E1 $v100_to_10k M1 Check your daily wage; it is less than 100 kyat or more than 10000 Kyat .	
d202fa. What was the average daily wage for FEMALE agricultural workers in dry season 2017? (in Kyat)	NUMERIC: INTEGER d202fa ---
E1 $v100_to_10k M1 Check your daily wage; it is less than 100 kyat or more than 10000 Kyat .	
d203mb What was the average daily wage for MALE agricultural workers harvesting the main monsoon crop in 2015? (in Kyat)	NUMERIC: INTEGER d203mb ---
E1 $v100_to_10k M1 Check your daily wage; it is less than 100 kyat or more than 10000 Kyat .	
d203fb. What was the average daily wage for FEMALE agricultural workers harvesting the main monsoon crop in 2015? (in Kyat)	NUMERIC: INTEGER d203fb ---
E1 $v100_to_10k M1 Check your daily wage; it is less than 100 kyat or more than 10000 Kyat .	
d204mb. What was the average daily wage for MALE agricultural workers in dry season 2015? (in Kyat)	NUMERIC: INTEGER d204mb ---
E1 $v100_to_10k M1 Check your daily wage; it is less than 100 kyat or more than 10000 Kyat .	
d204fb. What was the average daily wage for FEMALE agricultural workers in dry season 2015? (in Kyat)	NUMERIC: INTEGER d204fb ---
E1 $v100_to_10k M1 Check your daily wage; it is less than 100 kyat or more than 10000 Kyat .	
d205mc. What was the average daily wage for MALE agricultural workers harvesting the main monsoon crop in 2012? (in Kyat)	NUMERIC: INTEGER d205mc ---
E1 $v100_to_10k M1 Check your daily wage; it is less than 100 kyat or more than 10000 Kyat .	
d205fc. What was the average daily wage for FEMALE agricultural workers harvesting the main monsoon crop in 2012? (in Kyat)	NUMERIC: INTEGER d205fc ---
E1 $v100_to_10k M1 Check your daily wage; it is less than 100 kyat or more than 10000 Kyat .	

d206mc. What was the average daily wage for MALE agricultural workers in dry season 2012? (in Kyat)	NUMERIC: INTEGER	d206mc
	- -	

E1   `$v100_to_10k`
M1   Check your daily wage; it is less than 100 kyat or more than 10000 Kyat .

d206fc. What was the average daily wage for FEMALE agricultural workers in dry season 2012? (in Kyat)	NUMERIC: INTEGER	d206fc
	- -	

E1   `$v100_to_10k`
M1   Check your daily wage; it is less than 100 kyat or more than 10000 Kyat .

D3. AGRICULTURAL MIGRANTS

d301a. Were there any migrant agricultural workers hired in this village in 2017?	SINGLE-SELECT d301a 01 ◯ Yes 02 ◯ No

d302a. What share of these workers were female in 2017?	NUMERIC: INTEGER d302a -

E   `d301a==1`
E1   `$percent`
M1   Please express in percentage term

d301b. Were there any migrant agricultural workers hired in this village in 2012?	SINGLE-SELECT d301b 01 ◯ Yes 02 ◯ No

d302b. What share of these workers were female in 2012?	NUMERIC: INTEGER d302b -

E   `d301b==1`
E1   `$percent`
M1   Please express in percentage term

d301c. Were there any migrant agricultural workers hired in this village in 2007?	SINGLE-SELECT d301c 01 ◯ Yes 02 ◯ No

d302c. What share of these workers were female in 2007?	NUMERIC: INTEGER d302c -

E   `d301c==1`
E1   `$percent`
M1   Please express in percentage term

D3. AGRICULTURAL MIGRANTS
CROP AND ACTIVITIES WITH MOST MIGRANT WORKERS

E   `d301a==1|d301b==1|d301c==1`

d303a. Among the main crops in the village, for which crop were most migrant workers hired in 2017? E `d301a==1`	MULTI-SELECT d303a 001 ☐ Monsoon Paddy 002 ☐ Pre / Post- Monsoon Paddy 003 ☐ Maize 004 ☐ Pigeon Pea 005 ☐ Groundnut 006 ☐ Sesame 007 ☐ Sunflower 008 ☐ Niger 009 ☐ Soy Bean 010 ☐ Green Gram 011 ☐ Black Gram 012 ☐ Chick Pea 013 ☐ Lab Lab 199 ☐ Other bean 014 ☐ Wheat 015 ☐ Sorghum And 40 other symbols [3]
d303as. Specify for which other crop most migrant workers are hired E `d303a.Contains(99)`	TEXT d303as •---•
d304a. For which activity for that crop(s) did you hire most migrant workers in 2017? E `d301a==1`	SINGLE-SELECT d304a 01 ◯ Land preparation 02 ◯ Planting 03 ◯ Fertilizer application 04 ◯ Applying herbicides/pesticides/foliar 05 ◯ Weeding 06 ◯ Harvesting 07 ◯ Threshing 08 ◯ Drying/sorting 99 ◯ Other (specify)
d304as. Specify other activity for which most migrant workers were hired in 2017 E `d304a==99`	TEXT d304as •---•

d303b. Among the main crops in the village, for which crop were most migrant workers hired in 2012? E `d301b==1`	MULTI-SELECT d303b 001 ☐ Monsoon Paddy 002 ☐ Pre / Post- Monsoon Paddy 003 ☐ Maize 004 ☐ Pigeon Pea 005 ☐ Groundnut 006 ☐ Sesame 007 ☐ Sunflower 008 ☐ Niger 009 ☐ Soy Bean 010 ☐ Green Gram 011 ☐ Black Gram 012 ☐ Chick Pea 013 ☐ Lab Lab 199 ☐ Other bean 014 ☐ Wheat 015 ☐ Sorghum And 40 other symbols [4]
d303bs. Specify for which other crop most migrant workers are hired E `d303b.Contains(99)`	TEXT d303bs •--•
d304b. For which activity for that crop(s) did you hire most migrant workers in 2012? E `d301b==1`	SINGLE-SELECT d304b 01 ◯ Land preparation 02 ◯ Planting 03 ◯ Fertilizer application 04 ◯ Applying herbicides/pesticides/foliar 05 ◯ Weeding 06 ◯ Harvesting 07 ◯ Threshing 08 ◯ Drying/sorting 99 ◯ Other(specify)
d304bs. Specify other activity for which most migrant workers were hired in 2012 E `d304b==99`	TEXT d304bs •--•

d303c. Among the main crops in the village, for which crop were most migrant workers hired in 2007? E d301c==1	MULTI-SELECT d303c 001 ☐ Monsoon Paddy 002 ☐ Pre / Post- Monsoon Paddy 003 ☐ Maize 004 ☐ Pigeon Pea 005 ☐ Groundnut 006 ☐ Sesame 007 ☐ Sunflower 008 ☐ Niger 009 ☐ Soy Bean 010 ☐ Green Gram 011 ☐ Black Gram 012 ☐ Chick Pea 013 ☐ Lab Lab 199 ☐ Other bean 014 ☐ Wheat 015 ☐ Sorghum And 40 other symbols [5]
d303cs. Specify for which other crop most migrant workers are hired E d303c.Contains(99)	TEXT d303cs ∙∙∙
d304c. For which activity for that crop(s) did you hire most migrant workers in 2007? E d301c==1	SINGLE-SELECT d304c 01 ◯ Land preparation 02 ◯ Planting 03 ◯ Fertilizer application 04 ◯ Applying herbicides/pesticides/foliar 05 ◯ Weeding 06 ◯ Harvesting 07 ◯ Threshing 08 ◯ Drying/sorting 99 ◯ Other(specify)
d304cs. Specify other activity for which most migrant workers were hired in 2007 E d304c==99	TEXT d304cs ∙∙∙

D3. AGRICULTURAL MIGRANTS
SHARE OF MIGRANT WORKERS

E d301a==1|d301b==1|d301c=1

d305ma. Among all men hired for agricultural work in this village, on average which % were migrant workers in 2017? E d301a==1 & d302a<100 E1 $percent M1 Please express in percentage term	NUMERIC: INTEGER d305ma ‒

d305fa. Among all women hired for agricultural work in this village, on average which % were migrant workers in 2017?	NUMERIC: INTEGER d305fa
E `d301a==1 & d302a>0` E1 `$percent` M1 Please express in percentage term	

d305mb. Among all men hired for agricultural work in this village, on average which % were migrant workers in 2012?	NUMERIC: INTEGER d305mb
E `d301b==1 & d302b<100` E1 `$percent` M1 Please express in percentage term	

d305fb. Among all women hired for agricultural work in this village, on average which % were migrant workers in 2012?	NUMERIC: INTEGER d305fb
E `d301b==1 & d302b>0` E1 `$percent` M1 Please express in percentage term	

d305mc. Among all men hired for agricultural work in this village, on average which % were migrant workers in 2007?	NUMERIC: INTEGER d305mc
E `d301c==1 & d302c<100` E1 `$percent` M1 Please express in percentage term	

d305fc. Among all women hired for agricultural work in this village, on average which % were migrant workers in 2007?	NUMERIC: INTEGER d305fc
E `d301c==1 & d302c>0` E1 `$percent` M1 Please express in percentage term	

D3. AGRICULTURAL MIGRANTS
MODE OF HIRING AND ORIGIN OF MIGRANT WORKERS

E `d301a==1|d301b==1|d301c==1`

d306a. How did the majority of farmers hire agricultural migrant workers in 2017? E `d301a==1`	MULTI-SELECT d306a 01 ☐ Farmer contacts laborers directly 02 ☐ Farmer hires through a labor broker 03 ☐ Mix of direct hire & labor broker

d307a. Where did these migrant workers typically come from in 2017? (allow max. 3 options) E d301a==1	MULTI-SELECT d307a 01 ☐ Kachin 02 ☐ Shan 03 ☐ Sagaing 04 ☐ Magwe 05 ☐ Ayeyarwady 06 ☐ Bago 07 ☐ Kayin/Karen 08 ☐ Mon/Tanintharyi 09 ☐ Chin/Rakhine 10 ☐ Kayan 99 ☐ Other(specify)
d307as. Please specify other… E d307a.Contains(99)	TEXT d307as ••
d308a. What ethnicities did these migrants typically have in 2017? E d301a==1	MULTI-SELECT d308a 01 ☐ Shan 02 ☐ Pa'O 03 ☐ Burmese 04 ☐ Danu 05 ☐ Taungyoe 06 ☐ Kayan (Karenni) 07 ☐ Innthar 08 ☐ Lahu 09 ☐ Akha 10 ☐ Palaung (Ta'ang) 11 ☐ Kayin 12 ☐ Wa 13 ☐ Kokang 14 ☐ Chinese 15 ☐ Tamil/other South Asian 16 ☐ Mixed And 3 other symbols [6]
d309a. How long do these migrant workers typically stay in the village? E d301a==1	MULTI-SELECT d309a 01 ☐ A few days or weeks 02 ☐ A few months 03 ☐ A year or longer
d306b. How did the majority of farmers hire agricultural migrant workers in 2012? E d301b==1	MULTI-SELECT d306b 01 ☐ Farmer contacts laborers directly 02 ☐ Farmer hires through a labor broker 03 ☐ Mix of direct hire & labor broker

d307b. Where did these migrant workers typically come from in 2012? (allow max. 3 options) E d301b==1	MULTI-SELECT d307b 01 ☐ Kachin 02 ☐ Shan 03 ☐ Sagaing 04 ☐ Magwe 05 ☐ Ayeyarwady 06 ☐ Bago 07 ☐ Kayin/Karen 08 ☐ Mon/Tanintharyi 09 ☐ Chin/Rakhine 10 ☐ Kayah 99 ☐ Other(specify)
d307bs. Please specify other... E d307b.Contains(99)	TEXT d307bs ••
d308b. What ethnicities did these migrants typically have in 2012? E d301b==1	MULTI-SELECT d308b 01 ☐ Shan 02 ☐ Pa'O 03 ☐ Burmese 04 ☐ Danu 05 ☐ Taungyoe 06 ☐ Kayan (Karenni) 07 ☐ Innthar 08 ☐ Lahu 09 ☐ Akha 10 ☐ Palaung (Ta'ang) 11 ☐ Kayin 12 ☐ Wa 13 ☐ Kokang 14 ☐ Chinese 15 ☐ Tamil/other South Asian 16 ☐ Mixed And 3 other symbols [7]
d309b. How long did these migrant workers typically stay in the village in 2012? E d301b==1	MULTI-SELECT d309b 01 ☐ A few days or weeks 02 ☐ A few months 03 ☐ A year or longer
d306c. How did the majority of farmers hire agricultural migrant workers in 2007? E d301c==1	MULTI-SELECT d306c 01 ☐ Farmer contacts laborers directly 02 ☐ Farmer hires through a labor broker 03 ☐ Mix of direct hire & labor broker

d307c. Where did these migrant workers typically come from in 2007? (allow max. 3 options) E d301c==1	MULTI-SELECT d307c 01 ☐ Kachin 02 ☐ Shan 03 ☐ Sagaing 04 ☐ Magwe 05 ☐ Ayeyarwady 06 ☐ Bago 07 ☐ Kayin/Karen 08 ☐ Mon/Tanintharyi 09 ☐ Chin/Rakhine 99 ☐ Other(specify)
d308c. What ethnicities did these migrants typically have in 2007? E d301c==1	MULTI-SELECT d308c 01 ☐ Shan 02 ☐ Pa'O 03 ☐ Burmese 04 ☐ Danu 05 ☐ Taungyoe 06 ☐ Kayan (Karenni) 07 ☐ Innthar 08 ☐ Lahu 09 ☐ Akha 10 ☐ Palaung (Ta'ang) 11 ☐ Kayin 12 ☐ Wa 13 ☐ Kokang 14 ☐ Chinese 15 ☐ Tamil/other South Asian 16 ☐ Mixed And 3 other symbols [8]
d309c. How long did these migrant workers typically stay in the village in 2007? E d301c==1	SINGLE-SELECT d309c 01 ◯ A few days or weeks 02 ◯ A few months 03 ◯ A year or longer

D3. AGRICULTURAL MIGRANTS
WAGES FOR MIGRANT WORKERS

E d301a==1|d301b==1|d301c==1

d310ma. Did the daily wage of male migrant workers differ from the daily wage of non-migrant workers for %d304a% in that crop(s) in 2017? E d301a==1	SINGLE-SELECT d310ma 01 ◯ Yes 02 ◯ No 98 ◯ Not applicable
d311ma. What was the daily wage for a male migrant worker for %d304a% in that crop(s) in 2017? E d310ma==1	NUMERIC: INTEGER d311ma -

d310fa. Did the daily wage of female migrant workers differ from the daily wage of non-migrant workers for %d304a% in that crop(s) in 2017? E `d301a==1 && d302a>0`	SINGLE-SELECT d310fa 01 ◯ Yes 02 ◯ No 98 ◯ Not applicable
d311fa. What was the daily wage for a female migrant worker for %d304a% in that crop(s) in 2017? E `d310fa==1`	NUMERIC: INTEGER d311fa -
d310mb. Did the daily wage of male migrant workers differ from the daily wage of non-migrant workers for %d304b% in that crop(s) in 2012? E `d301b==1`	SINGLE-SELECT d310mb 01 ◯ Yes 02 ◯ No 98 ◯ Not applicable
d311mb. What was the daily wage for a male migrant worker for %d304b% in that crop(s) in 2012? E `d310mb==1`	NUMERIC: INTEGER d311mb -
d310fb. Did the daily wage of female migrant workers differ from the daily wage of non-migrant workers for %d304b% in that crop(s) in 2012? E `d301b==1 && d302b>0`	SINGLE-SELECT d310fb 01 ◯ Yes 02 ◯ No 98 ◯ Not applicable
d311fb. What was the daily wage for a female migrant worker for %d304b% in that crop(s) in 2012? E `d310fb==1`	NUMERIC: INTEGER d311fb -
d310mc. Did the daily wage of male migrant workers differ from the daily wage of non-migrant workers for %d304c% in that crop(s) in 2007? E `d301c==1`	SINGLE-SELECT d310mc 01 ◯ Yes 02 ◯ No 98 ◯ Not applicable
d311mc. What was the daily wage for a male migrant worker for %d304c% in that crop(s) in 2007? E `d310mc==1`	NUMERIC: INTEGER d311mc -
d310fc. Did the daily wage of female migrant workers differ from the daily wage of non-migrant workers for %d304c% in that crop(s) in 2007? E `d301c==1 && d302c>0`	SINGLE-SELECT d310fc 01 ◯ Yes 02 ◯ No 98 ◯ Not applicable
d311fc. What was the daily wage for a female migrant worker for %d304c% in that crop(s) in 2007? E `d310fc==1`	NUMERIC: INTEGER d311fc -

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY

e101. Have there been any operating rice mill in the village during the past ten years?	SINGLE-SELECT e101
	01 ◯ Yes
	02 ◯ No

RICE MILL IN VILLAGE

E e101==1

e102a. How many rice mills are there currently in the village?	NUMERIC: INTEGER e102a
E1 (self<=c102a & self>=0)||self==9997	- -
M1 Your value is higher than number of Household, Check again!!!!	
e102b. How many rice mills were there in the village in 2012?	NUMERIC: INTEGER e102b
E1 self<=c102c ||self==9997	- -
M1 Your value is higher than number of household 5 year ago, Check again!!!	
e102c. How many rice mills were there in the village in 2007?	NUMERIC: INTEGER e102c
E1 self<=c102d ||self==9997	- -
M1 Your value is higher than number of household 10 year ago, Check again!!!	
e103. In which year did a rice mill first begin operating in this village?	NUMERIC: INTEGER e103
I Please use YYYY format, or 9997 for "don't know"	- -
e201. Has there been any operating Oil mill in the village during the past ten years?	SINGLE-SELECT e201
	01 ◯ Yes
	02 ◯ No

OIL MILL IN VILLAGE

E e201==1

e202a. How many oil mills are there currently in the village?	NUMERIC: INTEGER e202a
E1 (self<=c102a & self>=0)||self==9997	- -
M1 Your value is higher than number of Household, Check again!!!!	
e202b. How many oil mills were there in the village in 2012?	NUMERIC: INTEGER e202b
E1 self<=c102c ||self==9997	- -
M1 Your value is higher than number of household 5 year ago, Check again!!!	
e202c. How many oil mills were there in the village in 2007?	NUMERIC: INTEGER e202c
E1 self<=c102d ||self==9997	- -
M1 Your value is higher than number of household 10 year ago, Check again!!!	

e203. In which year did an oil Mill first begin operating in this village? I Please use YYYY format, or 9997 for "don't know"	NUMERIC: INTEGER e203 - .
e301. Have there been any households with maize threshers for hire in the village during the past ten years?	SINGLE-SELECT e301 01 ◯ Yes 02 ◯ No

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
HOUSEHOLDS WITH MAIZE THRESHERS FOR HIRE
E `e301==1`

e302a. How many households with maize threshers for hire are there currently in the village? E1 `(self<=c102a & self>=0)||self==9997` M1 Your value is higher than number of Household, Check again!!!!	NUMERIC: INTEGER e302a - .
e302b. How many households with maize threshers for hire were there in the village in 2012? E1 `self<=c102c ||self==9997` M1 Your value is higher than number of household 5 year ago, Check again!!!	NUMERIC: INTEGER e302b - .
e302c. How many households with maize threshers for hire were there in the village in 2007? E1 `self<=c102d ||self==9997` M1 Your value is higher than number of household 10 year ago, Check again!!!	NUMERIC: INTEGER e302c - .
e303. In which year did Households with maize threshers for hire first begin operating in this village? I Please use YYYY format, or 9997 for "don't know"	NUMERIC: INTEGER e303 - .
e401. Have there been any households with paddy/pulses threshers for hire in the village during the past ten years?	SINGLE-SELECT e401 01 ◯ Yes 02 ◯ No

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
HOUSEHOLDS WITH PADDY/PULSES THRESHERS
E `e401==1`

e402a. How many households with paddy/pulses threshers for hire are there currently in the village? E1 `(self<=c102a & self>=0)||self==9997` M1 Your value is higher than number of Household, Check again!!!!	NUMERIC: INTEGER e402a - .

e402b. How many households with paddy/pulses threshers for hire were there in the village in 2012?	NUMERIC: INTEGER e402b
E1 `self<=c102c ||self==9997` M1 Your value is higher than number of household 5 year ago, Check again!!!	
e402c. How many households with paddy/pulses threshers for hire were there in the village in 2007?	NUMERIC: INTEGER e402c
E1 `self<=c102d ||self==9997` M1 Your value is higher than number of household 10 year ago, Check again!!!	
e403. In which year did Households with paddy/pulses threshers for hire first begin operating in this village?	NUMERIC: INTEGER e403
I Please use YYYY format, or 9997 for "don't know"	
e501. Have there been any households with two wheel tractors for hire in the village during the past ten years?	SINGLE-SELECT e501 01 ◯ Yes 02 ◯ No

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
HOUSEHOLDS WITH TWO WHEEL TRACTOR

E `e501==1`

e502a. How many households with two wheel tractor for hire are there currently in the village?	NUMERIC: INTEGER e502a
E1 `(self<=c102a & self>=0)||self==9997` M1 Your value is higher than number of Household, Check again!!!!	
e502b. How many households with two wheel tractor for hire were there in the village in 2012?	NUMERIC: INTEGER e502b
E1 `self<=c102c ||self==9997` M1 Your value is higher than number of household 5 year ago, Check again!!!	
e502c. How many households with two wheel tractor for hire were there in the village in 2007?	NUMERIC: INTEGER e502c
E1 `self<=c102d ||self==9997` M1 Your value is higher than number of household 10 year ago, Check again!!!	
e503. In which year did Households with two wheel tractor for hire first begin operating in this village?	NUMERIC: INTEGER e503
I Please use YYYY format, or 9997 for "don't know"	
e601. Have there been any households with four wheel tractors for hire in the village during the past ten years?	SINGLE-SELECT e601 01 ◯ Yes 02 ◯ No

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY

HOUSEHOLDS WITH FOUR WHEEL TRACTOR

E `e601==1`

e602a. How many households with four wheel tractor for hire are there currently in the village? E1 `(self<=c102a & self>=0)||self==9997` M1 Your value is higher than number of Household, Check again!!!!	NUMERIC: INTEGER e602a `- - - - - - - - - - - - - - - - - - - - - - - - - - - -`
e602b. How many households with four wheel tractor for hire were there in the village in 2012? E1 `self<=c102c ||self==9997` M1 Your value is higher than number of household 5 year ago, Check again!!!	NUMERIC: INTEGER e602b `- - - - - - - - - - - - - - - - - - - - - - - - - - - -`
e602c. How many households with four wheel tractor for hire were there in the village in 2007? E1 `self<=c102d ||self==9997` M1 Your value is higher than number of household 10 year ago, Check again!!!	NUMERIC: INTEGER e602c `- - - - - - - - - - - - - - - - - - - - - - - - - - - -`
e603. In which year did households with four wheel tractor for hire first begin operating in this village? I Please use YYYY format, or 9997 for "don't know"	NUMERIC: INTEGER e603 `- - - - - - - - - - - - - - - - - - - - - - - - - - - -`
e701. Have there been any households with combine harvesters for hire in the village during the past ten years?	SINGLE-SELECT e701 01 ◯ Yes 02 ◯ No

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
HOUSEHOLDS WITH COMBINE HARVESTERS

E `e701==1`

e702a. How many households with combine harvesters for hire are there currently in the village? E1 `(self<=c102a & self>=0)||self==9997` M1 Your value is higher than number of Household, Check again!!!!	NUMERIC: INTEGER e702a `- - - - - - - - - - - - - - - - - - - - - - - - - - - -`
e702b. How many households with combine harvesters for hire were there in the village in 2012? E1 `self<=c102c ||self==9997` M1 Your value is higher than number of household 5 year ago, Check again!!!	NUMERIC: INTEGER e702b `- - - - - - - - - - - - - - - - - - - - - - - - - - - -`
e702c. How many households with combine harvesters for hire were there in the village in 2007? E1 `self<=c102d ||self==9997` M1 Your value is higher than number of household 10 year ago, Check again!!!	NUMERIC: INTEGER e702c `- - - - - - - - - - - - - - - - - - - - - - - - - - - -`

e703. In which year did households with combine harvesters for hire first begin operating in this village? I Please use YYYY format, or 9997 for "don't know"	NUMERIC: INTEGER e703 -
e801. Have there been any households with trawlerj for hire in the village during the past ten years?	SINGLE-SELECT e801 01 ◯ Yes 02 ◯ No

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
HOUSEHOLDS WITH TRAWLERJI

E e801==1

e802a. How many of Households with trawlerji for hire are there currently in the village? E1 (self<=c102a & self>=0) || self==9997 M1 Your value is higher than number of Household, Check again!!!!	NUMERIC: INTEGER e802a -
e802b. How many households with trawlerji for hire were there in the village in 2012? E1 self<=c102c ||self==9997 M1 Your value is higher than number of household 5 year ago, Check agai n!!!	NUMERIC: INTEGER e802b -
e802c. How many households with trawlerji for hire were there in the village in 2007? E1 self<=c102d ||self==9997 M1 Your value is higher than number of household 10 year ago, Check aga in!!!	NUMERIC: INTEGER e802c -
e803. In which year did Households with trawlerji for hire first begin operating in this village? I Please use YYYY format, or 9997 for "don't know"	NUMERIC: INTEGER e803 -
e901. Have there been any households with offering truck transport services in the village during the past ten years?	SINGLE-SELECT e901 01 ◯ Yes 02 ◯ No

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
HOUSEHOLDS OFFERING TRUCK TRANSPORT SERVICES

E e901==1

e902a. How many households offering truck transport services for hire are there currently in the village? E1 (self<=c102a & self>=0)||self==9997 M1 Your value is higher than number of Household, Check again!!!!	NUMERIC: INTEGER e902a -
e902b. How many households offering truck transport services for hire were there in the village in 2012? E1 self<=c102c ||self==9997 M1 Your value is higher than number of household 5 year ago, Check agai n!!!	NUMERIC: INTEGER e902b -

e902c. How many households offering truck transport services for hire were there in the village in 2007?	NUMERIC: INTEGER	e902c
E1 `self<=c102d ||self==9997` M1 Your value is higher than number of household 10 year ago, Check again!!!	---------------------------------	

e903. In which year did households offering truck transport services first begin operating in this village?	NUMERIC: INTEGER	e903
I Please use YYYY format, or 9997 for "don't know"	---------------------------------	

e1001. Has there been any tree nursery in the village during the past ten years?	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	e1001

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
TREE NURSERY

E `e1001==1`

e1002a. How many tree nurseries are there currently in the village?	NUMERIC: INTEGER	e1002a
E1 `(self<=c102a & self>=0)||self==9997` M1 Your value is higher than number of Household, Check again!!!!	---------------------------------	

e1002b. How many tree nurseries were there in the village in 2012?	NUMERIC: INTEGER	e1002b
E1 `self<=c102c ||self==9997` M1 Your value is higher than number of household 5 year ago, Check again!!!	---------------------------------	

e1002c. How many tree nurseries were there in the village in 2007?	NUMERIC: INTEGER	e1002c
E1 `self<=c102d ||self==9997` M1 Your value is higher than number of household 10 year ago, Check again!!!	---------------------------------	

e1003. In which year did a tree nursery first begin operating in this village?	NUMERIC: INTEGER	e1003
I Please use YYYY format, or 9997 for "don't know"	---------------------------------	

e1101. Has there been any fish farm in the village during the past ten years?	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	e1101

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
FISH FARM

E `e1101==1`

e1102a. How many fish farms are there currently in the village?	NUMERIC: INTEGER	e1102a
E1 `(self<=c102a & self>=0)||self==9997` M1 Your value is higher than number of Household, Check again!!!!	---------------------------------	

e1102b. How many fish farms were there in the village in 2012?	NUMERIC: INTEGER	e1102b
E1 `self<=c102c ||self==9997`		
M1 Your value is higher than number of household 5 year ago, Check again!!!		

e1102c. How many fish farms were there in the village in 2007?	NUMERIC: INTEGER	e1102c
E1 `self<=c102d ||self==9997`		
M1 Your value is higher than number of household 10 year ago, Check again!!!		

e1103. In which year did a fish farm first begin operating in this village?	NUMERIC: INTEGER	e1103
I Please use YYYY format, or 9997 for "don't know"		

e1201. Has there been any commercial melon farm in the village during the past ten years?	SINGLE-SELECT 01 ○ Yes 02 ○ No	e1201

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
COMMERCIAL MELON FARM

E `e1201==1`

e1202a How many commercial melon farms are there currently in the village?	NUMERIC: INTEGER	e1202a
E1 `(self<=c102a & self>=0)||self==9997`		
M1 Your value is higher than number of Household, Check again!!!!		

e1202b. How many commercial melon farms were there in the village in 2012?	NUMERIC: INTEGER	e1202b
E1 `self<=c102c ||self==9997`		
M1 Your value is higher than number of household 5 year ago, Check again!!!		

e1202c. How many commercial melon farm were there in the village in 2007?	NUMERIC: INTEGER	e1202c
E1 `self<=c102d ||self==9997`		
M1 Your value is higher than number of household 10 year ago, Check again!!!		

e1203. In which year did a commercial melon farm first begin operating in this village?	NUMERIC: INTEGER	e1203
I Please use YYYY format, or 9997 for "don't know"		

e1301. Has there been any agricultural inputs shop in the village during the past ten years?	SINGLE-SELECT 01 ○ Yes 02 ○ No	e1301

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
AGRICULTURAL INPUTS SHOP

E `e1301==1`

e1302a. How many agricultural inputs shop are there currently in the village?	NUMERIC: INTEGER	e1302a
E1 `(self<=c102a & self>=0)||self==9997`	- -	
M1 Your value is higher than number of Household, Check again!!!!		
e1302b. How many agricultural inputs shops were there in the village in 2012?	NUMERIC: INTEGER	e1302b
E1 `self<=c102c ||self==9997`	- -	
M1 Your value is higher than number of household 5 year ago, Check again!!!		
e1302c. How many agricultural inputs shop were there in the village in 2007?	NUMERIC: INTEGER	e1302c
E1 `self<=c102d ||self==9997`	- -	
M1 Your value is higher than number of household 10 year ago, Check again!!!		
e1303. In which year did an agricultural input shop first begin operating in this village?	NUMERIC: INTEGER	e1303
I Please use YYYY format, or 9997 for "don't know"	- -	
e1401. Has there been any sugar cane processing in the village during the past ten years?	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	e1401

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
SUGAR CANE PROCESSING

E `e1401==1`

e1402a. How many sugar cane processing are there currently in the village?	NUMERIC: INTEGER	e1402a
E1 `(self<=c102a & self>=0)||self==9997`	- -	
M1 Your value is higher than number of Household, Check again!!!!		
e1402b. How many of Sugar cane processing were there in the village in 2012?	NUMERIC: INTEGER	e1402b
E1 `self<=c102c ||self==9997`	- -	
M1 Your value is higher than number of household 5 year ago, Check again!!!		
e1402c. How many sugar cane processing were there in the village in 2007?	NUMERIC: INTEGER	e1402c
E1 `self<=c102d ||self==9997`	- -	
M1 Your value is higher than number of household 10 year ago, Check again!!!		
e1403. In which year did sugar cane processing first begin operating in this village?	NUMERIC: INTEGER	e1403
I Please use YYYY format, or 9997 for "don't know"	- -	
e1501. Have there been any tea processing companies in the village during the past ten years?	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	e1501

E. VILLAGE LEVEL AGRICULTURAL BUSINESS INVENTORY
TEA PROCESSING

e1502a. How many tea processing companies are there currently in the village?	NUMERIC: INTEGER e1502a
E1 `(self<=c102a & self>=0)||self==9997` M1 Your value is higher than number of Household, Check again!!!!	-----------------------------
e1502b. How many tea processing companies were there in the village in 2012?	NUMERIC: INTEGER e1502b
E1 `self<=c102c ||self==9997` M1 Your value is higher than number of household 5 year ago, Check again!!!	-----------------------------
e1502c. How many tea processing companies were there in the village in 2007?	NUMERIC: INTEGER e1502c
E1 `self<=c102d ||self==9997` M1 Your value is higher than number of household 10 year ago, Check again!!!	-----------------------------
e1503. In which year did tea processing first begin operating in this village?	NUMERIC: INTEGER e1503
I Please use YYYY format, or 9997 for "don't know"	-----------------------------

F. LAND OWNERSHIP

F. LAND OWNERSHIP
COMMON PROPERTY & SHIFTING CULTIVATION

f101a. Does the village have access to any forest land?	SINGLE-SELECT f101a 01 ◯ Yes 02 ◯ No
f102a. What is the area of forest land that the village has access to?	NUMERIC: DECIMAL f102a
E `f101a==1` E1 `$under100k` M1 Value higher than 100000 not likely. Check your answer!	-----------------------------
f102au. What is the unit of forest land?	SINGLE-SELECT f102au 01 ◯ Acres 02 ◯ Miles 03 ◯ Square miles
E `f101a==1`	
f101b. Did the village have access to any forest land in 2007?	SINGLE-SELECT f101b 01 ◯ Yes 02 ◯ No
f102b. What was the area of forest land that the village had access to in 2007?	NUMERIC: DECIMAL f102b
E `f101b==1`	-----------------------------

f102bu. What is the unit of forest land in 2007? E f101b==1	SINGLE-SELECT f102bu 01 ◯ Acres 02 ◯ Miles 03 ◯ Square miles
f103a. Is there any communal grazing land in the village?	SINGLE-SELECT f103a 01 ◯ Yes 02 ◯ No
f104a. What is the area of communal grazing land in the village? E f103a==1 E1 $under100k M1 Value higher than 100000 not likely. Check your answer!	NUMERIC: DECIMAL f104a - .
f104au. What is the unit of communal grazing land? E f103a==1	SINGLE-SELECT f104au 01 ◯ Acres 02 ◯ Miles 03 ◯ Square miles
f103b. Was there any communal grazing land in the village in 2007?	SINGLE-SELECT f103b 01 ◯ Yes 02 ◯ No
f104b. What was the area of communal grazing land in the village in 2007 (in acres)? E f103b==1	NUMERIC: DECIMAL f104b - .
f104bu. What is the unit of communal grazing land in 2007? E f103b==1	SINGLE-SELECT f104bu 01 ◯ Acres 02 ◯ Miles 03 ◯ Square miles
f105. Has there ever been any shifting cultivation in this village?	SINGLE-SELECT f105 01 ◯ Yes 02 ◯ No
f106a. Is there any land in the village currently farmed under shifting cultivation? E f105==1	SINGLE-SELECT f106a 01 ◯ Yes 02 ◯ No
f107.When did shifting cultivation end? E f105==1 && f106a==2 E1 $year M1 Enter YYYY, or 9997 for 'don't know'	NUMERIC: INTEGER f107 - .
f108a. How many households in the village practice shifting cultivation? E f106a==1	NUMERIC: INTEGER f108a - .
f109a. What is the area of land in this village currently farmed under shifting cultivation by households? E f106a==1 E1 $under10k M1 Value higher than 10000 not likely. Check your answer!	NUMERIC: DECIMAL f109a - .

f109au. What is the unit of land under shifting cultivation? E f106a==1	SINGLE-SELECT f109au 01 ⃝ Acres 02 ⃝ Miles 03 ⃝ Square miles
f106b. Did any household practice shifting cultivation in 2007? E f107>2006	SINGLE-SELECT f106b 01 ⃝ Yes 02 ⃝ No
f108b. How many households practiced shifting cultivation in 2007? E f106b==1	NUMERIC: INTEGER f108b ------------------------------------
f109b. What was the area of land in this village farmed under shifting cultivation in 2007? E f106b==1	NUMERIC: DECIMAL f109b ------------------------------------
f109bu. What is the unit of land under shifting cultivation? E f106b==1	SINGLE-SELECT f109bu 01 ⃝ Acres 02 ⃝ Miles 03 ⃝ Square miles

F. LAND OWNERSHIP
LAND CONFISCATION

f201. Has any land ever been confiscated from members of this community?	SINGLE-SELECT f201 01 ⃝ Yes 02 ⃝ No
f202. Is it ok for us to ask you a few questions about what happened? E f201 == 1	SINGLE-SELECT f202 01 ⃝ Yes 02 ⃝ No
f203. On how many occasions has this happened? E f201==1 & f202==1	NUMERIC: INTEGER f203 ------------------------------------

F. LAND OWNERSHIP / LAND CONFISCATION
Roster: F_LANDCONFISCATION
generated by numeric question f203   F2_LandConfiscation

E f202==1

f204. In which year did this happen? I Pleas use YYYY format, or 9997 for "don't know"	NUMERIC: INTEGER f204 ------------------------------------
f205. How many households were affected?	NUMERIC: INTEGER f205 ------------------------------------
f206. What area of land was confiscated?(In Acre)	NUMERIC: DECIMAL f206 ------------------------------------

f207. Who confiscated the land?	SINGLE-SELECT f207
	01 ◯ Myanmar Army
	02 ◯ Government Department
	03 ◯ Ethnic Armed Organization
	04 ◯ Militia
	05 ◯ Company
	06 ◯ Private Individual
	99 ◯ Other(Specify)

f207s. Please specify the other who confiscated the land	TEXT f207s
E f207 == 99	....

f208. What was done with the land that was confiscated?	MULTI-SELECT f208
	01 ☐ Used for military base
	02 ☐ Used to build road/ dam/ other public infrastructure
	03 ☐ Used for tree plantation
	04 ☐ Used for agriculture (other than plantation)
	05 ☐ Used for mining project
	06 ☐ Used to build factory/other commercial building
	07 ☐ Left fallow/ not used
	08 ☐ Resold to new owner/s
	09 ☐ Leased back to original owner/s
	10 ☐ Leased out to new tenant/s
	99 ☐ Other (Specify)

f208s. Please specify other what was done with the confiscated land	TEXT f208s
E f208.Contains(99)	....

G. CREDIT

g101. Did households in the village ever take credit from any of the following?	MULTI-SELECT: YES/NO g101
	01 ☐ / ☐ Myanmar Agricultural Development Bank (MADB)
	02 ☐ / ☐ Private banks
	03 ☐ / ☐ Cooperatives (through Ministry of Cooperatives)
	04 ☐ / ☐ Mya Sein Nyaung
	05 ☐ / ☐ Microfinance institutions/ NGOs
	06 ☐ / ☐ Village revolving fund
	07 ☐ / ☐ Agriculture produce traders (pwesar/pweyone)
	08 ☐ / ☐ Gold shop/pawn shop
	09 ☐ / ☐ Private moneylenders
	10 ☐ / ☐ Friends / Relatives
	99 ☐ / ☐ Other (specify)

g101s. Please specify other source of credit	TEXT g101s
E g101.Yes.Contains(99)	....

Roster: ROSTER OF FINANCIAL INSTITUTIONS

generated by multi-select question g101   G_Credit1

---

g102. Do households take credit from %rostertitle% in 2017?

SINGLE-SELECT   g102
01 ◯ Yes
02 ◯ No

---

g103. What interest rate (%) did someone in the community pay for a 6 month duration MMK 100,000 cash loan without collateral from [%rostertitle%] in 2017?

E   `g102==1 && @rowcode!=1`
E1 `$percent`
M1 Please enter a percentage with at most one decimal place

NUMERIC: DECIMAL   g103

SPECIAL VALUES
9997 [9997] - Don't know
9998 [9998] - Not applicable

---

g103u. Time period for interest rate

E   `g102==1 && @rowcode!=1 & g103!=0 & g103!=9997`

SINGLE-SELECT   g103u
01 ◯ Per Month
02 ◯ Per Year
99 ◯ Other

---

g103us. Please specify other...

E   `g103u==99`

TEXT   g103us

---

g104. Did households take credit from %rostertitle% in 2012?

SINGLE-SELECT   g104
01 ◯ Yes
02 ◯ No

---

g105. What interest (%) rate might someone expect to pay for a six month duration MMK 100,000 cash loan without collateral from [%rostertitle%] in 2012?

E   `g104==1 && @rowcode!=1`
E1 `$percent`
M1 Please enter a percentage with at most one percentage point

NUMERIC: DECIMAL   g105

SPECIAL VALUES
9997 [9997] - Don't know

---

g105u. Time period for interest rate (%)

E   `IsAnswered(g105) && g105!=0 && g105!=9997`

SINGLE-SELECT   g105u
01 ◯ Per Month
02 ◯ Per Year

---

g106. In what year did households in this village first access credit from %G_Credit1%?

I   Please answer in YYYY format, 9997 = don't know, 9996 = more than 100 years ago or before living memory
E   `@rowcode == 1 || @rowcode == 2 ||@rowcode == 3 ||@rowcode == 4 ||@rowcode == 5 ||@rowcode == 6 ||@rowcode == 7`

NUMERIC: INTEGER   g106

H. NON-FARM BUSINESS INVENTORY

H. NON-FARM BUSINESS INVENTORY

Roster: NON-FARM BUSINESS INVENTORY

generated by fixed list   H_NFarmBus

01   Village shop

02   Electronic shop

03   Hardware Shop

04   Paddy trader (wholesaler)

05   Maize/grain trader (wholesaler)

06   Vegetables/fruits trader (wholesaler)

07   Timber/bamboo seller

08   Charcoal/Firewood seller

09   Vegetable retailer

10   Tea shop

11   Betel nut stall

12   Prepared food stall (noodles/bbq/snacks)

13   Restaurant/bar

14   Bus/minibus/car taxi service

15   Motorcycle taxi service

16   Horse cart / bullock cart taxi service

17   Carpenter / mason

18   Thatcher / mat making

19   Weaver / spinning

20   Metal worker (blacksmith / tinsmith)

21   Other handicraft production

22   Ceremony decoration / music service

23   Hairdresser / beauty saloon

24   Construction business owner

25   Mechanic

26   Rice retailer

27   Petrol Station (with pump)

28   Petrol Station (without pump)

h101. Was there any %rostertitle% in the village in the past 10y?	SINGLE-SELECT h101 01 ◯ Yes 02 ◯ No
h102a. How many %rostertitle% are currently in this village? E h101==1 E1 self<100 M1 The number is too high. Please check again.	NUMERIC: INTEGER h102a ------------------------------
h102b. How many %rostertitle% were there in this village in 2012? E h101==1 E1 self<100 M1 The number is too high. Please check again.	NUMERIC: INTEGER h102b ------------------------------
h102c. How many %rostertitle% were there in this village in 2007? E h101==1 E1 self<100 M1 The number is too high. Please check again.	NUMERIC: INTEGER h102c ------------------------------
h103. Are these %rostertitle% mainly operated by men, women, or both? E h101==1 && h102a>0	SINGLE-SELECT h103 01 ◯ Men 02 ◯ Women 03 ◯ Both

I. FARMER ASSOCIATIONS

i101. Are there any farmer organizations operating in this village?	SINGLE-SELECT i101 01 ⭕ Yes 02 ⭕ No
i102. Which types of farmer organization are operating in the village? E `i101==1`	MULTI-SELECT i102 01 ☐ Central Cooperative Society (CCS) 02 ☐ NGO farmer group 03 ☐ Myanmar Farmer Association (MFA) 04 ☐ Agriculture and Farmers' Federation (AFFM) 05 ☐ Sector organizations (rice federation, livestock federation, etc.,) 99 ☐ Other

I. FARMER ASSOCIATIONS
Roster: FARMER ASSOCIATION ROSTER
generated by multi-select question i102   I_FarmAssoc

i102s. Specify other type of farmer organization E `@rowcode==6`	TEXT i102s ••
i103. When was %rostertitle% established? E1 `$year` M1 Please enter a YYYY year, orr 9997 for does not know	NUMERIC: INTEGER i103 –
i104. How many farmers are members of [%rostertitle%]?	NUMERIC: INTEGER i104 –

J. DEVELOPMENT PROJECTS

j101g. Did any government project take place in this village in the past 10 years?	SINGLE-SELECT j101g 01 ⭕ Yes 02 ⭕ No
j102g. Please list all government projects that took place in the village in the last 10 years (project name) E `j101g==1`	LIST j102g ••

J. DEVELOPMENT PROJECTS
Roster: J. GOVERNMENT PROJECTS ROSTER
generated by list question j102g   J_gproject
E `j101g==1`

j103g. Who was the implementing agency of the project - %J_gproject%?	TEXT j103g

j104g. What was the focus of this project - %J_gproject%?	MULTI-SELECT j104g 01 ☐ Agriculture - crop production 02 ☐ Agriculture - livestock rearing 03 ☐ Aquaculture 04 ☐ Livelihoods improvement 05 ☐ Sanitation 06 ☐ Water 07 ☐ Health and nutrition 08 ☐ Education 09 ☐ Roads 10 ☐ Electricity 11 ☐ Training and capacity building 99 ☐ Other (Specify)

j104gs. Please specify focus of project E `j104g.Contains(99)`	TEXT j104gs

j105g. In which year did the project - %J_gproject% start? I Please answer in YYYY format or 9997 for do not know	NUMERIC: INTEGER j105g

j106g. Is the project - %J_gproject% still running?	SINGLE-SELECT j106g 01 ◯ Yes 02 ◯ No

j107g. In which year did the project - %J_gproject% end? E `j106g==2` E1 `$year` M1 Please answer in YYYY format or 9997 for do not know	NUMERIC: INTEGER j107g

j101n. Did any NGO project had activities in this village in the past 10 years?	SINGLE-SELECT j101n 01 ◯ Yes 02 ◯ No

j102n. Please list all NGO projects that took place in the village in the last 10 years (project name) E `j101n==1`	LIST j102n

J. DEVELOPMENT PROJECTS
Roster: J. NGO PROJECTS ROSTER
generated by list question `j102n`   J_nproject

E   `j101n==1`

j103n. Who was the implementing agency of the project - %J_nproject%?	TEXT j103n

j104n. What was the focus of this project - %J_nproject%?	MULTI-SELECT	j104n
	01 ☐ Agriculture - crop production	
	02 ☐ Agriculture - livestock rearing	
	03 ☐ Aquaculture	
	04 ☐ Livelihoods improvement	
	05 ☐ Sanitation	
	06 ☐ Water	
	07 ☐ Health and nutrition	
	08 ☐ Education	
	09 ☐ Roads	
	10 ☐ Electricity	
	11 ☐ Training and capacity building	
	99 ☐ Other (Specify)	

j104ns. Please specify focus of project E `j104n.Contains(99)`	TEXT	j104ns
	....	

j105n. In which year did the project - %J_nproject% start? I Please answer in YYYY format or 9997 for do not know	NUMERIC: INTEGER	j105n
	---	

j106n. Is the project - %J_nproject% still running?	SINGLE-SELECT	j106n
	01 ◯ Yes	
	02 ◯ No	

j107n. In which year did the project - %J_nproject% end? E `j106n==2` E1 `$year` M1 Please answer in YYYY format or 9997 for do not know	NUMERIC: INTEGER	j107n
	---	

K. CLIMATE CHANGE

k101. Have you noticed any long-term (last 30 years) shifts in the mean temperature in this region?	SINGLE-SELECT	k101
	01 ◯ Yes	
	02 ◯ No	

k102. What kind of long-term shift in the mean temperature did you notice? E `k101==1`	SINGLE-SELECT	k102
	01 ◯ Highly increasing temperature	
	02 ◯ Slightly increasing temperature	
	03 ◯ Slightly decreasing temperature	
	04 ◯ Highly decreasing temperature	

k103.Have you noticed any long-term shifts (last 30 years) in the mean rainfall in this region?	SINGLE-SELECT	k103
	01 ◯ Yes	
	02 ◯ No	

k104. What kind of long-term shift in the mean rainfall did you notice? E k103==1	SINGLE-SELECT k104 01 ◯ Highly decreasing rainfall 02 ◯ Slightly decreasing rainfall 03 ◯ Slightly increasing rainfall 04 ◯ Highly increasing rainfall 05 ◯ Erratic (unpredictable) rainfall
k105. Have you noticed any long-term shifts (last 30 years) in the frequency of flooding in this region?	SINGLE-SELECT k105 01 ◯ Yes 02 ◯ No
k106. What kind of long-term shift in the frequency of flooding did you notice? E k105==1	SINGLE-SELECT k106 01 ◯ Much more frequent flooding 02 ◯ Slightly more frequent flooding 03 ◯ Slightly less frequent flooding 04 ◯ Much less frequent flooding
k107. Have you noticed any long-term shifts (last 30 years) in the frequency of droughts in this region?	SINGLE-SELECT k107 01 ◯ Yes 02 ◯ No
k108. What kind of long-term shift in the frequency of droughts did you notice? E k107==1	SINGLE-SELECT k108 01 ◯ Much more frequent droughts 02 ◯ Slightly more frequent droughts 03 ◯ Slightly less frequent droughts 04 ◯ Much less frequent droughts
k109. Have you noticed any long-term shifts (last 30 years) in the timing of the onset of the monsoon in this region?	SINGLE-SELECT k109 01 ◯ Yes 02 ◯ No
k110. What kind of long-term shift in the onset of the monsoon did you notice? E k109==1	SINGLE-SELECT k110 01 ◯ Much earlier onset 02 ◯ Slightly earlier onset 03 ◯ Slightly later onset 04 ◯ Much later onset 05 ◯ More erratic (unpredictable) onset
k111. Have you noticed any long-term shifts (last 30 years) in the frequency of storms/cyclones in this region?	SINGLE-SELECT k111 01 ◯ Yes 02 ◯ No
k112. What kind of long-term shift in the frequency of hailstorms did you notice? E k111==1	SINGLE-SELECT k112 01 ◯ Much more frequent storms/cyclones 02 ◯ Slightly more frequent storms/cyclones 03 ◯ Slightly less frequent storms/cyclones 04 ◯ Much less frequent storms/cyclones
k113. Have you noticed any long-term shifts (last 30 years) in the frequency of cold spells in the region?	SINGLE-SELECT k113 01 ◯ Yes 02 ◯ No

k114. What kind of long-term shift in the frequency of cold spells did you notice? E k113==1	SINGLE-SELECT k114 01 ◯ Much more frequent cold spells 02 ◯ Slightly more frequent cold spells 03 ◯ Slightly less frequent cold spells 04 ◯ Much less frequent cold spells 05 ◯ More erratic cold spells
k200. Which of the following crops were grown in the village within the last 10 years?	MULTI-SELECT k200 01 ☐ Maize 02 ☐ Pigeon Peas 03 ☐ Ya Paddy 04 ☐ Soy bean

K. CLIMATE CHANGE
Roster: K2 CLIMATE AND CROPS
generated by multi-select question k200   K2_ClimateCrops

k201. In the past 10 years, how many years did you grow %rostertitle%? E1 self.InRange(1,10) M1 The years of growing should not be more than 10 for past 10 years.	NUMERIC: DECIMAL k201 _____
k202. In %k201% years, what is the average yield per acre of %rostertitle% under good climate conditions?	NUMERIC: DECIMAL k202 _____
k202u. What is the unit of yield for %rostertitle%?	SINGLE-SELECT k202u 01 ◯ Viss/acre 02 ◯ Baskets/acre 03 ◯ Sacks/acre 04 ◯ Lan/acre 99 ◯ Other unit/acre
k202us. Please specify other unit of yield for crop E k202u == 99	TEXT k202us ....
k203. What is the standard unit for %k202u%? E k202u!=1	SINGLE-SELECT k203 01 ◯ Viss 02 ◯ Pyi 03 ◯ Kilogram 04 ◯ Can
k203s. What is the standard unit for %k202us%? E k202u==99	SINGLE-SELECT k203s 01 ◯ Viss 02 ◯ Pyi 03 ◯ Kilogram 04 ◯ Can
k204. How many %k203% are there in one %k202u%? E IsAnswered(k203) && k203!=99	NUMERIC: DECIMAL k204 _____

k204s. How many %k203% are there in one %k202us%? E `IsAnswered(k203) && k203==99`	NUMERIC: DECIMAL -	k204s
k205. In %k201% years, what is the average yield of %rostertitle% under bad climate conditions? E1 `self <= k202` M1 bad yield cannot be better than average yield. Please check.	NUMERIC: DECIMAL -	k205
k206. In %k201% years, what is the average yield per acre of %rostertitle% under average climate conditions? E1 `self <= k202` M1 Bad yield cannot be better than good yield. Please check.	NUMERIC: DECIMAL -	k206
k207. In %k201% years, how many were good years for %rostertitle% in terms of climate conditions? E1 `self <=k201` M1 Please check again	NUMERIC: DECIMAL -	k207
k208. In %k201% years, how many were bad years for %rostertitle% in terms of climate conditions? E1 `self <=k201` M1 Please check again	NUMERIC: DECIMAL -	k208
k209. In %k201% years, how many were average years for %rostertitle% in terms of climate conditions? E1 `self <=k201` M1 Please check again E2 `(k207 + k208 +self ==k201)` M2 total nr of years of good, average and bad years must amount to the years of growing.	NUMERIC: DECIMAL -	k209

L. CONFLICT

l101. Has there ever been any armed conflict in this village tract?	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	l101
l102. In which year did the conflict end? I Please use YYYY format E `l101==1`	NUMERIC: INTEGER -	l102
l103. For how many years was this village tract affected by the conflict? E `l101==1` E1 `self<100`	NUMERIC: DECIMAL -	l103

l104. Were households in this village affected by any of the following events during the conflict?	MULTI-SELECT: YES/NO 1104
E `l101==1`	01 ☐ / ☐ Households from the village were forced to work as porters or labor 02 ☐ / ☐ Households from the village were forced to relocate to another place 03 ☐ / ☐ Crops destroyed/stolen 04 ☐ / ☐ Livestock killed/stolen 05 ☐ / ☐ Housing damaged/destroyed
l105. How many households from the village were forced to work as porters or labor? I Please use 9997 for "Do Not Know" E `l104.Yes.Contains(1)`	NUMERIC: INTEGER 1105 ----
l106. How many households were forced to relocate to another place? I Please use 9997 for "Do Not Know" E `l104.Yes.Contains(2)`	NUMERIC: INTEGER 1106 ----
l107. How may households had crops destroyed or stolen? I Please use 9997 for "Do Not Know" E `l104.Yes.Contains(3)`	NUMERIC: INTEGER 1107 ----
l108. How many households had livestock killed/stolen? I Please use 9997 for "Do Not Know" E `l104.Yes.Contains(4)`	NUMERIC: INTEGER 1108 ----
l109. How many households had housing damaged/destroyed? I Please use 9997 for "Do Not Know" E `l104.Yes.Contains(5)`	NUMERIC: INTEGER 1109 ----

END THE INTERVIEW

STATIC TEXT

Now we can close the interview. I would like to thank you for your participation in the interview.

End time of the interview	DATE: CURRENT TIME end
	....

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

[1] a102: a102. Enumeration Area (EA) SHARES code
Validation Condition:

```
self.InRange(0,999) && (
(a101==14 && (self.InRange(1,16)|| self.InRange(71,77)))||
(a101==1 && self.InRange(17,20)) ||
(a101==2 && self.InRange(21,32)) ||
(a101==5 && self.InRange(89,96)) ||
(a101==6 && self.InRange(43,58)) ||
(a101==8 && (self.InRange(81,88) || self.InRange(97,100)))||
///(a101==9 && self.InRange(81,90)) ||
(a101==11 && self.InRange(65,70)) ||
(a101==12 && self.InRange(33,42))||
(a101==13 && (self.InRange(59,64) || self.InRange(78,80))))
```

Validation Message: This code does not correspond to an EA in the selected township.

APPENDIX B — OPTIONS

[1]

d303a: d303a. Among the main crops in the village, for which crop were most migrant workers hired in 2017?

Options: 1:Monsoon Paddy, 2:Pre / Post- Monsoon Paddy, 3:Maize, 4:Pigeon Pea, 5:Groundnut, 6:Sesame, 7:Sunflower, 8:Niger, 9:Soy Bea n, 10:Green Gram, 11:Black Gram, 12:Chick Pea, 13:Lab Lab, 199:Other bean, 14:Wheat, 15:Sorghum, 16:Millet,
[2] 17:Sugarcane, 18:Chillies , 19:Ginger, 20:Tumeric, 21:Garlic, 22:Shallot/Onion, 23:Potato, 24:Gamone(Medical Herb), 25:Betel, 26:Tobacco, 27:Cheroot, 28:Cabbag e / Cauliflower, 29:Mustard/ Kailan, 30:Okra, 31:Tomato, 32:Eggplant, 33:Cucumber, 34:Gourd/ Chayote, 35:Pumpkin, 36:Sweetcorn, 37:Ro selle, 38:Watermelon, 39:Musk melon, 299:Other melon, 40:Pineapple/ Strawberry, 41:Ornamental flowers, 42:Banana, 43:Mango, 44:Pap aya, 45:Orange/Lemon/Pomelo, 46:Avocado, 47:Apple/Pear,
[3] 48:Jackfruit/Durian, 49:Coffee, 50:Tea, 51:Bamboo, 52:Eucalyptus, 399:Other tree, 99:Other (specify)

d303b: d303b. Among the main crops in the village, for which crop were most migrant workers hired in 2012?

Options: 1:Monsoon Paddy, 2:Pre / Post- Monsoon Paddy, 3:Maize, 4:Pigeon Pea, 5:Groundnut, 6:Sesame, 7:Sunflower, 8:Niger, 9:Soy Bea n, 10:Green Gram, 11:Black Gram, 12:Chick Pea, 13:Lab Lab, 199:Other bean, 14:Wheat, 15:Sorghum, 16:Millet, 17:Sugarcane, 18:Chillies , 19:Ginger, 20:Tumeric, 21:Garlic, 22:Shallot/Onion, 23:Potato, 24:Gamone(Medical Herb), 25:Betel, 26:Tobacco, 27:Cheroot, 28:Cabbag e / Cauliflower, 29:Mustard/ Kailan, 30:Okra, 31:Tomato, 32:Eggplant, 33:Cucumber, 34:Gourd/ Chayote, 35:Pumpkin, 36:Sweetcorn, 37:Ro selle, 38:Watermelon, 39:Musk melon, 299:Other melon, 40:Pineapple/ Strawberry, 41:Ornamental flowers, 42:Banana, 43:Mango, 44:Pap aya, 45:Orange/Lemon/Pomelo, 46:Avocado, 47:Apple/Pear,
[4] 48:Jackfruit/Durian, 49:Coffee, 50:Tea, 51:Bamboo, 52:Eucalyptus, 399:Other tree, 99:Other (specify)

d303c: d303c. Among the main crops in the village, for which crop were most migrant workers hired in 2007?

Options: 1:Monsoon Paddy, 2:Pre / Post- Monsoon Paddy, 3:Maize, 4:Pigeon Pea, 5:Groundnut, 6:Sesame, 7:Sunflower, 8:Niger, 9:Soy Bea n, 10:Green Gram, 11:Black Gram, 12:Chick Pea, 13:Lab Lab, 199:Other bean, 14:Wheat, 15:Sorghum, 16:Millet, 17:Sugarcane, 18:Chillies , 19:Ginger, 20:Tumeric, 21:Garlic, 22:Shallot/Onion, 23:Potato, 24:Gamone(Medical Herb), 25:Betel, 26:Tobacco, 27:Cheroot, 28:Cabbag e / Cauliflower, 29:Mustard/ Kailan, 30:Okra, 31:Tomato, 32:Eggplant, 33:Cucumber, 34:Gourd/ Chayote, 35:Pumpkin, 36:Sweetcorn, 37:Ro selle, 38:Watermelon, 39:Musk melon, 299:Other melon, 40:Pineapple/ Strawberry, 41:Ornamental flowers, 42:Banana, 43:Mango, 44:Pap aya, 45:Orange/Lemon/Pomelo, 46:Avocado, 47:Apple/Pear,
[5] 48:Jackfruit/Durian, 49:Coffee, 50:Tea, 51:Bamboo, 52:Eucalyptus, 399:Other tree, 99:Other (specify)

[6]

[7]

[8]

APPENDIX C — VARIABLES

[1] c107:
(c106a.HasValue? c106a:0)+ (c106b.HasValue? c106b:0)+ (c106c.HasValue? c106c:0)+ (c106d.HasValue? c106d:0)+ (c106e.HasValue? c106e:0)+ (c106f.HasValue? c106f:0)+ (c106g.HasValue? c106g:0)+ (c106h.HasValue? c106h:0)+ (c106i.HasValue? c106i:0)+ (c106j.HasValue? c106j:0)+ (c106k.HasValue? c106k:0)+ (c106l.HasValue? c106l:0)+ (c106m.HasValue? c106m:0)+ (c106n.HasValue? c106n:0)+ (c106o.HasValue? c106o:0)+ (c106p.HasValue? c106p:0)+ (c106q.HasValue? c106q:0)+ (c106r.HasValue? c106r:0)+ (c106s.HasValue? c106s:0)

LEGEND

Legend and structure of information in this file

Name of section

Enabling condition for this section

Type of question, scope

Variable name

Question title

Answer options

SECTION 5: OTHER INCOME SOURCES

E s4_other_sources_which.Contains(98)

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?

I **This refers to family relations**
E s3_time_other > 0
V1 s4_rel_leaders_which.Contains(98)
M1 **Can not be itself**
V2 (s3_time_other_breeding_advice <= (50 - s3_time_art_in-sem_advice)) ||s3_time_other_breeding_advice == 0
M2 **This person is not in the list**
F optioncode != s5_ignored_option_code

MULTI-SELECT
SCOPE: PREFILLED

s4_rel_leaders_other

01 ☐ **Community animal health workers**

02 ☐ **Private**

03 ☐ **Government**

04 ☐ **Livestock keepers association**

05 ☐ **NGO**

And 5 other [13]

Additional information:
"I" — **Question instruction**
"E" — **Enabling condition**
"V1" — **Validation condition №1**
"M1" — **Message for validation №1**
"F" — **Filter in Categorical questions**

Link to full set in appendix

Breadcrumbs

Type or roster

Roster Title

CHAPTER 3 IDENTIFICATION /
Roster: LEADER RELATION DETAILS
generated by fixed list:

01 **Ward Livestock Officer**

02 **Village Livestock Officer**

99 **Other (specify)**

List items