Survey Solutions

RUMAH TANGGA INTERVIEW

SURVEY IDENTIFICATION INFORMATION
QUESTIONNAIRE DESCRIPTION

BASIC INFORMATION AND CONSENT
No sub-sections, No rosters, Questions: 18, Static texts: 4, Variables: 7.

[A] HOUSEHOLD ROSTER
No sub-sections, Rosters: 1, Questions: 21, Static texts: 2, Variables: 6.

[R] CAPTURE FISHERY
Sub-sections: 4, Rosters: 8, Questions: 140, Static texts: 17, Variables: 20.

[S] AQUACULTURE
Sub-sections: 10, Rosters: 10, Questions: 222, Static texts: 16, Variables: 31.

[T] FISH PROCESSING
Sub-sections: 3, Rosters: 4, Questions: 82, Static texts: 10, Variables: 13.

[U] FISHERY / AQUACULTURE RELATED INFORMATION
No sub-sections, No rosters, Questions: 14.

[B] ACCESS TO AGRICULTURAL LAND
No sub-sections, Rosters: 1, Questions: 17, Static texts: 4, Variables: 1.

[C] CROP PRODUCTION DURING %REFPERIOD%
No sub-sections, Rosters: 3, Questions: 19, Static texts: 1, Variables: 3.

[D] LIVESTOCK
No sub-sections, Rosters: 3, Questions: 28, Variables: 2.

[E] HOUSING
No sub-sections, No rosters, Questions: 24, Static texts: 1.

[F] ASSETS
Sub-sections: 8, Rosters: 2, Questions: 126, Static texts: 8, Variables: 2.

[G] FOOD CONSUMPTION / SECURITY
Sub-sections: 2, No rosters, Questions: 9, Static texts: 2, Variables: 1.

[H] ENTERPRISES
No sub-sections, Rosters: 2, Questions: 20, Static texts: 2, Variables: 1.

[I] EMPLOYMENT
No sub-sections, Rosters: 3, Questions: 20.

[J] OTHER INCOME
No sub-sections, No rosters, Questions: 37, Static texts: 3.

[L] CREDIT
No sub-sections, Rosters: 1, Questions: 32.

[N] SAVINGS
Sub-sections: 1, Rosters: 2, Questions: 52, Static texts: 1.

[K] SOCIAL CAPITAL
No sub-sections, Rosters: 3, Questions: 18.

[M] MIGRATION
Sub-sections: 2, Rosters: 2, Questions: 18, Static texts: 2.

[O] SHOCKS
No sub-sections, Rosters: 2, Questions: 8.

[Q] TRAINING AND OTHER SUPPORT SERVICES RECEIVED
No sub-sections, Rosters: 1, Questions: 9.

QUESTIONNAIRE WRAP UP
No sub-sections, No rosters, Questions: 4.

APPENDIX A — ENABLING CONDITIONS

APPENDIX B — VALIDATION CONDITIONS AND MESSAGES

APPENDIX C — INSTRUCTIONS

APPENDIX D — OPTIONS

APPENDIX E — VARIABLES

APPENDIX F — OPTION FILTERS

LEGEND

SURVEY IDENTIFICATION INFORMATION
QUESTIONNAIRE DESCRIPTION

Basic information

Title   RUMAH TANGGA INTERVIEW

Survey data information

Study type   Agricultural Survey

Kind of data   Sample survey data [ssd]

BASIC INFORMATION AND CONSENT

VARIABLE	LONG	IntYear
start_visitdate.Value.Year		

VARIABLE	LONG	IntMonth
start_visitdate.Value.Month		

VARIABLE	STRING	lcu
"IDR"		

VARIABLE	STRING	refperiod
"Sept. 17 / Aug. 18"		

VARIABLE	DATETIME	start_refperiod
(new DateTime (2017, 9, 1))		

VARIABLE	DATETIME	end_refperiod
(new DateTime (2018, 8, 31))		

VARIABLE	STRING	bl_refperiod
"Januari 2013"		

Household status	SINGLE-SELECT	id5
	01 ⚪ Located and start interview	
	02 ⚪ Located but household temporarily absent	
	03 ⚪ Located but no respondent available (E.g. Only kids available)	
	04 ⚪ Not located (Not found, House not existent, Moved away)	

During %refperiod%, were you or any other member of your household involved in CAPTURE FISHERY?	SINGLE-SELECT	r1_1
	01 ⚪ Yes	
E id5==1	00 ⚪ No	

During %refperiod%, were you or any other member of your household cultivating fish/ AQUACULTURE?	SINGLE-SELECT	s1_1
	01 ⚪ Yes	
I DOES NOT INCLUDE AQUACULTURE FOR WAGE.	00 ⚪ No	
E id5==1		

During %refperiod%, have you or any other member of your household been PROCESSING FISH?	SINGLE-SELECT	t1_1
	01 ⚪ Yes	
E id5==1	00 ⚪ No	

Apakah anda terlibat dari kegiatan berikut DALAM 5 TAHUN TERAKHIR	MULTI-SELECT: YES/NO	nosample_a
	01 ☐ / ☐ Penangkapan ikan	
I SEJAK %bl_refperiod%	02 ☐ / ☐ Akuakultur/pembudidayaan ikan	
E r1_1==0 & s1_1==0 & t1_1==0	03 ☐ / ☐ Pengolahan ikan	

STATIC TEXT

E `treat==1 & nosample_a.Yes.Length==0`
V1 `false`

Berdasarkan informasi yang anda sampaikan, bahwa rumah tangga anda pernah menjadi bagian atau berpartisipasi dalam program CCDP di desa ini. Mohon pastikan bahwa anda tidak pernah terlibat dalam penangkapan ikan have atau pembudidayaan ika (akuakultur) atau pengolahan ikan.

Kenapa anda berhenti atau tidak lagi melakukan aktivitas penangkapan ikan/akuakultur/pengolahan ikan selama %refperiod%? E `nosample_a.Yes.Length>0`	TEXT nosample b ....

STATIC TEXT

E `r1_1==0 && s1_1==0 && t1_1==0`

[ENUMERATOR:] ACCORDING TO THESE ANSWERS, THE HOUSEHOLD IS NOT ELIGIBLE FOR INTERVIEW.

PLEASE THANK THE RESPONDENT FOR THEIR TIME AND EXPLAIN THAT YOU ARE CONDUCTING A SURVEY ABOUT FISHERY IN THIS VILLAGE.

AFTERWARDS, PLEASE TAKE THE DATE&TIME and THE GPS.

FINALLY, COMPLETE THE INTERVIEW AND INFORM YOUR SUPERVISOR.

ENUMERATOR: RECORD START DATE & TIME	DATE: CURRENT TIME start visitdate ....
ENUMERATOR: RECORD CURRENT GPS LOCATION	GPS start_location – – – – – – – – – – – – – – – – – N – – – – – – – – – – – – – – – – – W – – – – – – – – – – – – – – – – – A
I1. Province	TEXT province SCOPE: HIDDEN ....
I2. District	TEXT district SCOPE: HIDDEN ....
I3. Kecamatan	TEXT sub_district SCOPE: IDENTIFYING ....
I3. Village	TEXT village SCOPE: IDENTIFYING ....
I4. TREATMENT STATUS	SINGLE-SELECT treat SCOPE: HIDDEN 01 ◯ TREATMENT 00 ◯ CONTROL 02 ◯ SPILLOVER
Household Head Name	TEXT hh_headname SCOPE: IDENTIFYING ....
HQ Location Information	TEXT address SCOPE: IDENTIFYING ....

hh_id	NUMERIC: INTEGER SCOPE: IDENTIFYING	hh_id

STATIC TEXT

E `r1_1==1 || s1_1==1 || t1_1==1`

Convey the following Information to the Respondent:

STATIC TEXT

E `r1_1==1 || s1_1==1 || t1_1==1`

Selamat pagi / siang / malam.

Perkenalkan Nama saya [NAMA]. Saya bagian dari tim peneliti yang sedang melakukan kegiatan penelitian yang bekerjasama antara International Fund for Agricultural Development (IFAD) dan Institut Pertanian Bogor. Kegiatan penelitian ini bertujuan untuk memahami mata pencaharian rumah tangga yang tinggal di daerah pesisir Indonesia. Hasil penelitian ini akan berguna bagi IFAD untuk merancang kebijakan yang sesuai dengan kondisi masyarakat dengan harapan untuk meningkatkan kesejahteraan masyarakat di daerah pesisir pantai.

Kegiatan penelitian ini adalah untuk mengumpulkan informasi dalam bentuk survei rumah tangga. Terdapat kuesioner yang harus diisi sesuai dengan informasi yang Bapak/Ibu sampaikan. Pertanyaan-pertanyaan dalam kuesioner ini membutuhkan waktu sekitar ±2,5 jam.

Bapak/Ibu diharapkan dapat menjadi bagian dalam kegiatan penelitian ini. Kami memilih responden secara acak yakni 23 responden rumah tangga (di desa kontrol) / 38 responden rumah tangga (di desa perlakuan) dari desa Bapak/Ibu untuk ikut berpartisipasi, dan rumah tangga Bapak/Ibu adalah salah satu yang terpilih. Penting untuk dicatat bahwa partisipasi Bapak/Ibu dalam kegiatan penelitian ini sepenuhnya bersifat sukarela. Itu adalah pilihan Bapak/Ibu apakah akan berpartisipasi atau tidak. Jika Bapak/Ibu memilih untuk tidak berpartisipasi sama sekali, ini tidak akan memiliki konsekuensi apapun bagi Bapak/Ibu.

Jika Bapak/Ibu memutuskan untuk berpartisipasi, semua jawaban Bapak/Ibu akan dirahasiakan. Tidak ada seorang pun, kecuali tim peneliti yang akan dapat mengakses informasi yang Bapak/Ibu berikan. Kami tidak akan membagikan informasi apa pun tentang Bapak/Ibu kepada siapa pun di luar tim peneliti. Informasi tentang nama Bapak/Ibu akan kami ganti dengan kode penomoran Hanya para peneliti yang akan mengetahui nama Bapak/Ibu dan kode penomoran tersebut. Tidak ada seorang pun yang nantinya dapat menghubungkan nama Bapak/Ibu dan kode penomoran tersebut. Pada kesempatan hari ini, saya meminta Bapak/Ibu untuk membantu kami untuk memahami/belajar lebih banyak tentang mata pencaharian rumah tangga pesisir. Jika Bapak/Ibu menerima, Bapak/Ibu diminta untuk ikut berpartisipasi dengan cara tanya jawab dengan saya. Saya akan membacakan pertanyaan untuk Bapak/Ibu dan Bapak/Ibu dapat menyampaikan jawaban yang Bapak/Ibu sampaikan. Jika Bapak/Ibu tidak ingin menjawab pertanyaan apa pun yang ada pada tanya jawab nanti, Bapak/Ibu dapat mengabaikannya dan beralih ke pertanyaan berikutnya. Saya ingin menekankan bahwa tujuan dari penelitian ini adalah untuk BELAJAR, dan tolong jangan merasa bahwa Bapak/Ibu harus memberikan tanggapan positif saja atau bahwa Bapak/Ibu harus menyesuaikan jawaban Bapak/Ibu dari kebenaran dengan cara apa pun.

Bapak/Ibu tidak akan diberikan insentif apa pun untuk ikut serta dalam survei ini. Namun, saya akan memberi Bapak/Ibu hadiah kecil, untuk waktu yang telah diluangkan oleh Bapak/Ibu.

Apakah Bapak/Ibu memiliki pertanyaan pada saat ini?

Do you agree to participate in the survey?	SINGLE-SELECT	consent
I Do not record an answer to this question until you have conveyed the introductory statement to the respondent. E `r1_1==1 || s1_1==1 || t1_1==1`	01 ◯ Yes 00 ◯ No	

I5. Main respondent cell phone	TEXT	cell_respond
I WRITE 888 IF RESPONDENT DOES NOT WANT TO SHARE WITH YOU THE NUMBER. E `consent==1` E1 `(self.Length>=10 && self.Length<=13) || self=="888"` M1 Indonesian cell phone number must be between 10-13 Digits. Please check		

[A] HOUSEHOLD ROSTER

STATIC TEXT

ENUMERATOR: PLEASE LIST ALL HOUSEHOLD MEMBERS.

Please remember the definition:
A HOUSEHOLD IS A GROUP OF INDIVIDUALS THAT EATS TOGETHER AND SHARES A COMMON BUDGET.

THIS INCLUDES ALL MEMBER THAT LIVE IN THE SAME DWELLING, SAME COMPOUND OR CLOSE BY. MEMBERS OF A HOUSEHOLD NEED NOT BE RELATED BY BLOOD OR MARRIAGE.

HOUSEHOLD MEMBERS NEED TO HAVE LIVED TOGETHER AT LEAST 6 MONTHS DURING THE LAST 12 MONTHS

IF POLYGAMOUS HOUSEHOLDS, MORE THAN ONE SPOUSE MAY BE INCLUDED IF THE SPOUSES AND ASSOCIATED HOUSEHOLD MEMBERS LIVE IN THE SAME COMPOUND AND SHARE A COMMON BUDGET. SPOUSES OF THE HOUSEHOLD HEAD THAT DO NOT LIVE TOGETHER AND SHARE A COMMON BUDGET SHOULD NOT BE INCLUDED IN THE HOUSEHOLD.

MEMBERS THAT LIVE ELSEWHERE (EX. STUDENTS AT BOARDING SCHOOL, HEADS WHO HAVE MIGRATED TEMPORARILY FOR WORK) MAY STILL BE INCLUDED IF THEY SHARE THE COMMON BUDGET.

SENDING REMITTANCES DOES NOT CONSTITUTE SHARING THE SAME BUDGET

GUESTS/CLAN MEMBERS WHO ARE VISITING TEMPORARILY AND HAVE A HOUSEHOLD ELSEWHERE SHOULD NOT BE INCLUDED.

A1.1. Please make a complete list of all individuals who are part of this household.	LIST a1_1
	....
VARIABLE `hhroster.Count(x=>IsAnswered(x.a1_4))`	LONG hhsize
VARIABLE `hhroster.Max(x=>x.a1_6a)`	DOUBLE hh_oldest
VARIABLE `hhroster.Where(p=>p.a1_6a>=5).Count(x=>IsAnswered(x.a1_6a))`	LONG hh_nonchild_size
VARIABLE `hhroster.Where(p=>p.a1_6a>14 && p.a1_4==1).Count(x=>IsAnswered(x.a1_6a))`	LONG hh_maleadult_size
VARIABLE `hhroster.Where(p=>p.a1_6a>14 && p.a1_4==2).Count(x=>IsAnswered(x.a1_6a))`	LONG hh_femadult_size
VARIABLE `hhroster.Where(p=>p.a1_6a<=14).Count(x=>IsAnswered(x.a1_6a))`	LONG hh_child_size
A1.2 Who is the head of your household?	SINGLE-SELECT: LINKED a1_2

STATIC TEXT

E `a1_1.Length>1 && !IsAnswered(a1_2)`

YOU DID NOT ANSWER QUESTION A1.2 YET: WHO IS THE HEAD OF THE HOUSEHOLD. PLEASE ANSWER THIS QUESTION BEFORE CONTINUING.

[A] HOUSEHOLD ROSTER
Roster: BASIC INFORMATION
generated by list question a1_1   hhroster

A1.4. What is the sex of %rostertitle%?	SINGLE-SELECT a1_4

SINGLE-SELECT   a1_4

01 ◯ Male
02 ◯ Female

A1.5. What is %rostertitle%'s relationship to %a1_2%?

- E `a1_2!=@rowcode`
- E1 `a1_5==2 ? !( hhroster.Any(b=>b.@rowcode==a1_2 && b.a1_4!=null && b.a1_4==a1_4) ) : true`
- M1 Spouse typically has a different genders than his/her spouse (the head of household). Please confirm.
- E2 `self==5? (hhroster.Count(x=>x.a1_5==5)<=2): true`
- M2 Household head has at most 1 father and mother.

SINGLE-SELECT   a1_5

002 ◯ Spouse
003 ◯ Son/Daughter
004 ◯ Grandchild
005 ◯ Father/Mother
006 ◯ Sister/Brother
007 ◯ Niece/Nephew
008 ◯ Uncle/Aunt
009 ◯ Son/Daughter-In-Law
010 ◯ Father/Mother-In-Law
011 ◯ Brother/Sister-In-Law
012 ◯ Grandparents
013 ◯ Foster children
014 ◯ Orphan children
999 ◯ Other

A1.5oth. Please specify the relationship of %rostertitle% to %a1_2%?

- E `a1_5==999`
- E1 `self.Length>=3`
- M1 Error! Description is too short.

TEXT   a1_5oth

A1.6a. How old is %rostertitle%? (YEARS)

- I IN YEARS.
- E1 `a1_6a<120`
- M1 Reported age is unlikely. Please check.
- E2 `(a1_5==3 && (hhroster.Count(x=>x.@rowcode==a1_2 && x.a1_4==1 && (x.a1_6a-a1_6a<=14))==0)) && ((hhroster.Count(x=>x.@rowcode==a1_2 && x.a1_4==2 && (x.a1_6a-a1_6a<=12))==0)) || (@rowcode==a1_2 && a1` [And 265 other symbols [1]](#)
- M2 Age difference between head and his child is less than 12 years. Please check.
- E3 `(a1_5 == 2 && self >= 14) || a1_5 != 2`
- M3 Person (%rostertitle%) seems to be too young to be married (%a1_6a%). Check or confirm.
- E4 `a1_2==@rowcode ? a1_6a >= 12 : true`
- M4 Household head is supposed to be an adult at least 12 years old, yet %rostertitle% is %a1_6a%. Check or confirm
- E5 `(a1_5 == 5 && a1_6a > 24) || a1_5 != 5`
- M5 Person (%rostertitle%) seems to young to be the parent of household head. Check or confirm.
- E6 `(a1_5 == 12 && a1_6a > 36) || a1_5 != 12`
- M6 Grandparent should be older than 36. Please check or confirm.
- E7 `self>=0`
- M7 THis is not possible. Age must be larger or equal to zero.

NUMERIC: INTEGER   a1_6a

SPECIAL VALUES

00 Less than one year

A1.6b. How old is %rostertitle%? (MONTHS)

- I RECORD THE NUMBER OF FULL MONTHS OF THE INCOMPLETE YEAR.
- E `a1_6a<2`
- E1 `self.InRange(0,11)`
- M1 Reported number of months is not possible. Number of full months of incomplete year can only be between 0 and 11.

NUMERIC: INTEGER   a1_6b

SPECIAL VALUES

00 Less than one full month

A1.7. For how many months during %refperiod% was %rostertitle% away from the household?	NUMERIC: INTEGER a1 7
I Cumulative Months E `a1_6a>5` E1 `self.InRange(0,12) || self==-88` M1 This is not possible. One year has only 12 months. Please check.	SPECIAL VALUES -88 Was not absent 00 Less than one month

A1.8. What is %rostertitle%'s current marital status?	SINGLE-SELECT a1 8
E `a1_6a>=15` E1 `a1_5==2? self.InList(1,2): true` M1 %rostertitle% is spouse of household head. Therefore, must have been married.	01 ◯ MONOGAMOUS MARRIED 02 ◯ POLYGAMOUS MARRIED 03 ◯ SEPARATED 04 ◯ DIVORCED 05 ◯ WIDOW OR WIDOWER 06 ◯ SINGLE

A1.9. What religion, if any, does %rostertitle% practice?	SINGLE-SELECT a1 9
E `@rowcode==a1_2 || a1_5==2`	000 ◯ NONE 001 ◯ ISLAM 002 ◯ CHRISTIAN 004 ◯ HINDIUSM 005 ◯ BUDDHISM 006 ◯ CONFUCIANISM/KONGHUCU 999 ◯ OTHER

A1.9oth. Please specify other.	TEXT a1_9oth
E `a1_9==999` E1 `self.Length>3` M1 Error! Description is too short.	

A1.9b Which ethnicity does %rostertitle% belong to?	TEXT a1_9b
E `@rowcode==a1_2 || a1_5==2` E1 `self.Length>3` M1 Description too short. Please specify more	

A1.10. How many languages does %rostertitle% speak at home?	NUMERIC: INTEGER a1 10
E `@rowcode==a1_2 || a1_5==2` E1 `self>0` M1 This is not possible. There needs to be at least one language spoken.	

A2.1. Is %rostertitle% able to speak the following languages?	MULTI-SELECT: YES/NO a2_1
E `a1_6a>=5`	01 ☐ / ☐ BAHASA INDONESIA 02 ☐ / ☐ ENGLISH

A2.2. Is %rostertitle% able to read in BAHASA?	SINGLE-SELECT a2 2
E `a1_6a>=5`	01 ◯ No 02 ◯ Yes, with difficulties 03 ◯ Yes, fluently

A2.3. Is %rostertitle% able to write in BAHASA ?	SINGLE-SELECT a2_3
E `a1_6a>=5`	01 ◯ No 02 ◯ Yes, with difficulties 03 ◯ Yes, fluently

A2.4. Has %rostertitle% ever attended school?	SINGLE-SELECT	a2_4

E `a1_6a>=5`

01 ◯ Yes
00 ◯ No

A2.5. How many years of schooling has %rostertitle% completed?	NUMERIC: INTEGER	a2_5

I   NUMBER OF YEARS
E   `a1_6a>=5 && a2_4==1`
E1 `self<29`
M1 Number of years of schooling is too high. Please check.
E2 `self<(a1_6a-3)`
M2 This seems unlikely. Respondent is only %a1_6a% years old. Please check.

SPECIAL VALUES
01 IS IN FIRST YEAR OF SCHOOLING
00 LESS THAN ONE YEAR

A2.6. What is the highest educational qualification %rostertitle% has acquired?	SINGLE-SELECT	a2_6

E   `a1_6a>=5 && a2_4==1 && a2_5>1`
E1 `self==2 ? a2_5>=1 : true //!####! Here you want to add several validation conditions that check A2.6 against // the years of schooling completed. E.g. Post Graduate (self==9) is not possible //` with And 56 other symbols [2]
M1 With the years of formal education (%a2_5%) this answer seems unlikely. Please check.

000 ◯ NONE
001 ◯ SD TIDAK SELESAI
002 ◯ SD SELESAI
003 ◯ SMP TIDAK SELESAI
004 ◯ SMP SELESAI
005 ◯ SMA TIDAK SELESAI
006 ◯ SMA SELESAI
007 ◯ D3 TIDAK SELESAI
008 ◯ D3 SELESAI
009 ◯ S1 TIDAK SELESAI
010 ◯ S1 SELESAI
999 ◯ LAINNYA

Please specify	TEXT	a2_6oth

E `a2_6==999`

A2.7. Is %rostertitle% currently attending school?	SINGLE-SELECT	a2_7

E `a1_6a.InRange(5,30) && a2_4==1`

01 ◯ YES
00 ◯ NO

[R] CAPTURE FISHERY

Do you or any other member of your household OWN any BOAT/SHIP OR FISHING GEAR?	SINGLE-SELECT	r1_1b

I   TERMASUK PERAHU YANG DI MILIKI BERSAMA OLEH KELOMPOK
E   `r1_1==1`

01 ◯ Yes
00 ◯ No

STATIC TEXT

E   `fishasset==true && r1_1b==0`
V1 `false`

PERHATIAN!

Berdasarkan jawaban tersebut, rumah tangga memili setidaknya SATU PERALATAN MELAUT.

Namun, pada bagian penamgkapan ikan anda menyebutkan bakwa rumah tangga tidak memiliki peralatan MELAUT. Tolong kembali pada bagian [R] Dan periksa kembali jawaban Anda.

[R] CAPTURE FISHERY
FISHING

E `r1_1==1 && r1_1b==1`

Whom do you go fishing with?	SINGLE-SELECT	r1_2
	01 ◯ Only with member of this household (Or alone)	
	02 ◯ Also fishing with non-household members	

Who of your household is fishing?	MULTI-SELECT: LINKED	r1_2a
F `a1_6a>7`		

[ENUMERATOR:] Which household member is MAINLY answering the questions about this section <u>FISHERY</u>?	SINGLE-SELECT: LINKED	r1_4a

W1 `r1_2a.Contains(r1_4a)`
M1 ATTENTION! The respondent to this section is apparently not fishing. Please try to find the household member that is engaged in fishing!

In which year did you or any other member of your household start fishing?	NUMERIC: INTEGER	r1_5
	─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ .	

I ENTER YEAR. IF MULTIPLE MEMBER ASK FOR FISHER THAT HAS THE MOST EXPERIENCE/ FISH THE LONGEST.
E1 `self<=IntYear`
M1 Year can not be within the future.
E2 `self>1000`
M2 ENTER YEAR OF JOINING. MUST BE WITHIN 1900 and 2018.
E3 `self>(IntYear-(hh_oldest-5))`
M3 This is not possible. There is no one in the household that old to have joined the group in %r1_5%.

Is the composition of your %fishgroup% FLEXIBLE or STABLE?	SINGLE-SELECT	r1_3
	01 ◯ FLEXIBLE	
	02 ◯ STABLE	

I FLEXIBLE: FISHERS TEND TO FISH WITH DIFFERENT BOATS/PEOPLE DEPENDING ON THE NEEDS. STABLE: FISHERS GO OUT FISHING REGULARLY/MOST OF THE TIMES TOGETHER WITH THE SAME GROUP OF PEOPLE.
E `r1_2==2`

Is your %fishgroup% registered at the DINAS?	SINGLE-SELECT	r1_3a
	01 ◯ Yes	
	00 ◯ No	

E `r1_3==2`

Does your %fishgroup% have common savings/save together?	SINGLE-SELECT	r1_3b
	01 ◯ Yes	
	00 ◯ No	

E `r1_3==2`

How many people are in your %fishgroup%?	NUMERIC: INTEGER	r1_9b
	─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ .	

E `r1_3==2`

VARIABLE	STRING	fishgroup
`r1_2==1 ? "Rumah tangga" : "Kelompok Nelayan"`		

During %refperiod%, in which months did your %fishgroup% fish?	MULTI-SELECT	r2 6

E1 self.ContainsOnly(0) || !self.Contains(0)
M1 These answers exclude each other. Please check.

00 ☐ Every month of the year
01 ☐ September 2017
02 ☐ Oktober 2017
03 ☐ November 2017
04 ☐ Desember 2017
05 ☐ Januari 2018
06 ☐ Februari 2018
07 ☐ Maret 2018
08 ☐ April 2018
09 ☐ Mei 2018
10 ☐ Juni 2018
11 ☐ Juli 2018
12 ☐ Agustus 2018

What <u>MAIN GEAR</u> did your %fishgroup% use to fish during %refperiod%?

MULTI-SELECT   r2 19

001 ☐ TRAMMEL NET
002 ☐ MINI TRAWL
003 ☐ PUSH NET (DARI)
004 ☐ GILL NET
005 ☐ TRAP (BELAT)
006 ☐ TIDAL TRAP (TOGO)
007 ☐ PURSE SEINE
008 ☐ DOGOL
009 ☐ PAYANG
010 ☐ CANTRANG
011 ☐ LEMPARA
012 ☐ TRAWL PUKAT TARIK
013 ☐ LIFT NET JARING ANGKAT
014 ☐ TROLL LINE PANCING TONDA
015 ☐ LONGLINE HOOK PANCING RAWE
016 ☐ HANDLINE PANCING BIASA

And 7 other symbols [1]

Please specify Lainnya 1

E r2_19.Contains(900)

TEXT   r2 19 1oth

....

Please specify Lainnya 2

E r2_19.Contains(901)

TEXT   r2 19 2oth

....

Please specify Lainnya 3

E r2_19.Contains(902)

TEXT   r2 19 3oth

....

Please specify Lainnya 4

E r2_19.Contains(903)

TEXT   r2 19 4oth

....

[R] CAPTURE FISHERY / FISHING
Roster: GEAR
generated by multi-select question r2 19   gear

VARIABLE	STRING	specified gear
`@rowcode==900? r2_19_1oth : @rowcode==901? r2_19_2oth : @rowcode==902? r2_19_3oth : @rowcode==903? r2_19_4oth : ""`		

STATIC TEXT

E `@rowcode>=900`

You now talk about %rostertitle%.

You specified it as: %specified_gear%

Who owns these %gear%'s?

MULTI-SELECT   r2_20

- 01 ☐ This household
- 02 ☐ Someone else from the group of fishers/non-household members
- 03 ☐ Middlemen/Lender

If you go fishing with %gear%, do you use any of the following additional/secondary gear?

F `@optioncode!=@rowcode`
E1 `self.ContainsOnly(0) || !self.Contains(0)`
M1 These answer options exclude each other. Please check.

MULTI-SELECT   r2_35

- 000 ☐ NO SECONDARY GEAR USED
- 001 ☐ TRAMMEL NET
- 002 ☐ MINI TRAWL
- 003 ☐ PUSH NET (DARI)
- 004 ☐ GILL NET
- 005 ☐ TRAP (BELAT)
- 006 ☐ TIDAL TRAP (TOGO)
- 007 ☐ PURSE SEINE
- 008 ☐ DOGOL
- 009 ☐ PAYANG
- 010 ☐ CANTRANG
- 011 ☐ LEMPARA
- 012 ☐ TRAWL PUKAT TARIK
- 013 ☐ LIFT NET JARING ANGKAT
- 014 ☐ TROLL LINE PANCING TONDA
- 015 ☐ LONGLINE HOOK PANCING RAWE

And 7 other symbols [2]

Please specify Lainnya 1

E `r2_35.Contains(900)`

TEXT   r2_35oth1

Please specify Lainnya 2

E `r2_35.Contains(901)`

TEXT   r2_35oth2

Please specify Lainnya 3

E `r2_35.Contains(902)`

TEXT   r2_35oth3

Who owns these secondary gears?

E `!r2_35.Contains(0)`

MULTI-SELECT   r2_20b

- 01 ☐ This household
- 02 ☐ Someone else from the group of fishers/non-household members
- 03 ☐ Middlemen/Lender

Which months did you go fishing using %gear% with your %fishgroup%?	MULTI-SELECT r2_7a
	00 ☐ Every month of the year
F (r2_6.Contains(0) && @optioncode>=0) || (!r2_6.Contains(0) && r2_6.Contains(@optioncode))	01 ☐ September 2017
E !r2_6.Contains(0)? r2_6.Length>1 : true	02 ☐ Oktober 2017
E1 self.ContainsOnly(0) || !self.Contains(0)	03 ☐ November 2017
M1 These answer options exclude each other. Please check.	04 ☐ Desember 2017
	05 ☐ Januari 2018
	06 ☐ Februari 2018
	07 ☐ Maret 2018
	08 ☐ April 2018
	09 ☐ Mei 2018
	10 ☐ Juni 2018
	11 ☐ Juli 2018
	12 ☐ Agustus 2018

Which are the BEST/PEAK fishing months when you use %gear%?	MULTI-SELECT r2_7b
	13 ☐ All months are the same
F r2_7a.Contains(0) ? @optioncode>=0 : r2_7a.Contains(@optioncode) || @optioncode==13	01 ☐ September 2017
E r2_7a.Length>1 || r2_7a.Contains(0)	02 ☐ Oktober 2017
E1 self.ContainsOnly(13) || !self.Contains(13)	03 ☐ November 2017
M1 These answer options exclude each other. Please check.	04 ☐ Desember 2017
	05 ☐ Januari 2018
	06 ☐ Februari 2018
	07 ☐ Maret 2018
	08 ☐ April 2018
	09 ☐ Mei 2018
	10 ☐ Juni 2018
	11 ☐ Juli 2018
	12 ☐ Agustus 2018

Which type of boats does your %fishgroup% make use of when fishing with %gear%?	MULTI-SELECT r2_23
	100 ☐ Canoe
	101 ☐ Boat

[R] CAPTURE FISHERY / FISHING / GEAR
Roster: SEASON
generated by fixed list   fishseason

01   ONE AVERAGE PEAK FISHING MONTH

02   ONE AVERAGE LOW FISHING MONTH

03   ONE AVERAGE FISHING MONTH

E r2_6.Length==1 && !r2_6.Contains(0) ? @rowcode==3 : r2_7a.Length==1 && !r2_7a.Contains(0) ? @rowcode==3 : r2_7b.ContainsOnly(13) \|\| r2_7b.Length==r2_7a.Length && !r2_7a.Contains(0) ? @rowcode==3 <u>And 15 other symbols [2]</u>

During %fishseason%: How many FISHING TRIPS did your %fishgroup% do using %gear%?	NUMERIC: INTEGER r2_12
	- -
I ON AVERAGE DURING %fishseason%	
E1 self<=35	SPECIAL VALUES
M1 It seems unlikely that they do so many FISHING TRIPS <u>PER MONTH</u>	30 EVERY DAY

During %fishseason%: How many DAYS did <u>ONE AVERAGE FISHING TRIP</u> last using %gear%?	NUMERIC: DECIMAL r2 12b
	---
I DURING %fishseason% NUMBER OF DAYS E1 `self<=15` M1 It seems unlikely that ONE FISHING TRIP lasts that long.	SPECIAL VALUES 00 Less than one day

Please select the location where your %fishgroup% went fishing using %gear% during %fishseason%	SINGLE-SELECT fishground
	01 ◯ Open sea 02 ◯ Along the coast 03 ◯ Estuary 04 ◯ In the reef area 05 ◯ Lake 06 ◯ River

How long does it take to travel from your HOUSE TO THE <u>LANDING SITE</u> you use for fishing using %gear% in %fishground%?	NUMERIC: DECIMAL r2 2a
	---
I AMOUNT OF TIME	SPECIAL VALUES 00 RIGHT NEXT TO HOUSEHOLD

UNIT OF TIME	SINGLE-SELECT r2 2b
E `r2_2a>=1` E1 `(self==1? r2_2a : r2_2a*60)<=300` M1 It seems unlikely that this household is that far away from the landing site. Please bear in mind we ask about the time between the <u>HOUSEHOLD</u> and the location where they <u>TAKE THE BOAT FROM TO GO FISHING</u>.	01 ◯ Minutes 02 ◯ Hours

Is any permission required to fish at %fishground%?	SINGLE-SELECT t3
	01 ◯ Yes 00 ◯ No

During %fishseason%: How much did your %fishgroup% pay to obtain the permit using %fishground%?	NUMERIC: DECIMAL t5

E `t3==1` W1 `self<1000` M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA	SPECIAL VALUES 00 NO PAYMENT NECESSARY

Unit of amount in Rupees	SINGLE-SELECT t5u
E `t5>0` E1 `(t5*t5u)<$err_lcu_val` M1 This is too high. Please check. W2 `(t5*t5u)<$warn_lcu_val` M2 This seems very high. Please check.	0001000 ◯ Thousand 1000000 ◯ Million

Which institution issues the permit to fish at %fishground%?	SINGLE-SELECT t4
E `t3==1`	002 ◯ VILLAGE COAST GUARDS 003 ◯ DISTRICT COAST GUARDS 004 ◯ PEOPLE OF THE VILLAGE 005 ◯ CULTURAL GROUP 006 ◯ DINAS 007 ◯ PHPA 999 ◯ OTHER

Please specify.	TEXT	t4oth
E `t4==999`		

[R] CAPTURE FISHERY / FISHING / GEAR / SEASON
Roster: BOATS USED
generated by multi-select question `r2 23`   boatcatch

During %fishseason%: How many %boatcatch%'s went out during <u>ONE AVERAGE FISHING TRIP</u>> using %gear%?	NUMERIC: INTEGER	r2_14
E1 `self>0 || self==-88` M1 There must be at least one boat travelling to catch fish at %fishground%.		
VARIABLE `@rowcode`	DOUBLE	boatrow

[R] CAPTURE FISHERY / FISHING / GEAR / SEASON / BOATS USED
Roster: %ROSTERTITLE%
generated by numeric question `r2 14`   boatdetail1

How is this %rowboat1%. %boatcatch% powered?	SINGLE-SELECT 01 ◯ Inboard Engine 02 ◯ Outboard Engine 03 ◯ Manual rowing 04 ◯ Air Sails	r2_engine
What is the PK of this %r2_engine%?	NUMERIC: DECIMAL	r2 power1
I If DON'T KNOW: ENTER 888 E `r2_engine.InList(1,2)` E1 `self<500 || self==888` M1 It is unlikely that a household has an engine with such a strong motor. Please check.		
VARIABLE `@rowcode+1`	DOUBLE	rowboat1
What is the GROSS TONNAGE of this %rowboat1%. %boatcatch%?	NUMERIC: DECIMAL	r2 boat2
	SPECIAL VALUES 888 DON'T KNOW	
What is the <u>LENGTH</u> of this %rowboat1%. %boatcatch%?	NUMERIC: DECIMAL	r2_boat2b
I IN METERS E `r2_boat2==888` E1 `self>0` M1 This is not possible. Please check. E2 `self<30` M2 A boat that size is not possible. QUESTIONS ASKS ABOUT LENGTH OF BOAT IN METERS.		

What is the <u>WIDTH</u> of this %rowboat1%. %boatcatch%?

I   IN METERS
E   `r2_boat2==888`
E1   `self>0`
M1   This is not possible. Please check.
E2   `self<10`
M2   A boat that size is not possible. QUESTIONS ASKS ABOUT WIDTH OF BOAT IN METERS.

NUMERIC: DECIMAL   r2 boat2c

What is the <u>DEPTH</u> of this %rowboat1%. %boatcatch%?

I   IN METERS
E   `r2_boat2==888`
E1   `self>0`
M1   This is not possible. Please check.

NUMERIC: DECIMAL   r2 boat2d

What is this %rowboat1%. %boatcatch% made of?

MULTI-SELECT   r2 boat3
01 ☐ Wood
02 ☐ Fiberglass

How many members IN TOTAL went out fishing in your %fishgroup% during <u>ONE AVERAGE FISHING TRIP</u> using %gear%?

I   REFERS TO TOTAL NUMBER OF PEOPLE GOING OUT FISHING. DURING %fishseason%
E1   `self<20`
M1   It seems unlikely that there are that many members in one group.

NUMERIC: INTEGER   r2 14b

During <u>ONE AVERAGE FISHING TRIP</u>: How long does it take : <u>TO STEAM TO THE FISHING GROUND (%fishground%)</u> using %gear%?

I   AMOUNT OF TIME. IF MULTIPLE BOATS WITH DIFFERENT ENGINES, USES MOST POWERFUL BOAT. DURING %fishseason%
E1   `self>0`
M1   AMOUNT OF TIME MUST BE LARGER THAN ZERO. PLEASE CHECK.

NUMERIC: DECIMAL   r2_15a

UNIT OF TIME

E   `r2_15a>0`
E1   `(self==1? r2_15a : r2_15a*60)<=600`
M1   It seems unlikely that it takes that long to steam to the fishing ground. Please check.

SINGLE-SELECT   r2_15b
01 ◯ Minutes
02 ◯ Hours

How many %gear%s are used by your %fishgroup% during <u>ONE AVERAGE FISHING TRIP</u>

I   DURING %fishseason%

NUMERIC: INTEGER   r2_27

SPECIAL VALUES
01 Only one

During %fishseason%:

Select all TARGET FISH/MAIN CATCH that your %fishgroup% was catching using %gear%.

100	☐ Albakora
101	☐ Aquarium/Ornamental Fish
102	☐ Bawal
103	☐ Bawal Bintang
104	☐ Beloso
105	☐ Cakalang
106	☐ Carp
107	☐ Cucut Lanyam
108	☐ Cumi Cumi
109	☐ FINGERLINGS
110	☐ Gabus
111	☐ Gulamah
112	☐ Ikan belanak
113	☐ Ikan Lele
114	☐ Ikan Mujair
115	☐ Ikan ornamental muda

And 32 other symbols [3]

Please specify Lainnya 1

E r2_11.Contains(900)

TEXT   r2_11_1oth

....

Please specify Lainnya 2

E r2_11.Contains(901)

TEXT   r2_11_2oth

....

Please specify Lainnya 3

E r2_11.Contains(902)

TEXT   r2 11 3oth

....

Please specify Lainnya 4

E r2_11.Contains(903)

TEXT   r2 11 4oth

....

[R] CAPTURE FISHERY / FISHING / GEAR / SEASON
Roster: QUANTITY CATCHED
generated by multi-select question r2 11   catchfish

STATIC TEXT

E @rowcode>=900

You now talk about %rostertitle%.

You specified it as: %specified_fish%

STATIC TEXT

During %fishseason%, your %fishgroup% made %r2_12% FISHING TRIP's ON AVERAGE.

VARIABLE	STRING specified fish
@rowcode==900? r2_11_1oth : @rowcode==901? r2_11_2oth : @rowcode==902? r2_11_3oth : @rowcode==903? r2_11_4oth : ""	

During how many <u>FISHING TRIPS</u> did you catch %catchfish%?	NUMERIC: INTEGER r2_ncatch
I ON AVERAGE DURING %fishseason% E1 `self>0` M1 Must be larger than zero. Respondent stated to have caught %catchfish% during %fishseason%. E2 `self<=r2_12` M2 Not possible. Fisher went out fishing only %r2_12% times during <u>%fishseason%</u>	`------------------------------.`

How much %catchfish% did your %fishgroup% catch during <u>ONE AVERAGE FISHING TRIP</u> using %gear%?	NUMERIC: DECIMAL r2_23a
I WEIGHT OF CATCH. Refers to Quantity catched during one fishing trip during which they caught this fish. DURING %fishseason% E1 `self>0` M1 No fish caught is not possible. We are asking about the quantity caught <u>DURING ONE AVERAGE TRIP DURING WHICH THEY CAUGHT %catchfish%</u>.	`------------------------------.`

UNIT OF CATCH	SINGLE-SELECT r2_23b
	01 ◯ KG 02 ◯ TON 04 ◯ BAG 05 ◯ ROPE 06 ◯ FISH

How many KGs does <u>ONE %r2_23b%</u> contain?	NUMERIC: DECIMAL r2_23bbag
E `r2_23b.InList(4,5,6)` E1 `self<=$err_qtybag` M1 The quantity of KG per %r2_23b% is too high. Please check. E2 `self>0` M2 This is not possible. KG per ONE %r2_23b% must be larger than zero. Please check.	`------------------------------.`

STATIC TEXT

Quantity catched: %catch_fish% KG

VARIABLE `r2_23b.InList(1,2,3) ? r2_23a*WeightConv[(int)r2_23b].factor : r2_23a*r2_23bbag`	DOUBLE catch_fish

Where did you land the fish you caught at %fishground% using %gear% during %fishseason%?	SINGLE-SELECT r2_22
	001 ◯ Fish Landing Centre 002 ◯ Small port (Dermaga Kecil) 003 ◯ Beach 999 ◯ Other

Please specify	TEXT r2_22oth
E `r2_22==999`	`..............................`

Did your %fishgroup% hire any labor for going fishing at %fishground% using %gear% during %fishseason%?	SINGLE-SELECT r3_1
	01 ◯ Yes 00 ◯ No

[R] CAPTURE FISHERY / FISHING / GEAR / SEASON
LABOR

E   `r3_1==1`

How many laborers did you HIRE during <u>ONE AVERAGE FISHING TRIP</u> using %gear% during %fishseason%?	NUMERIC: INTEGER	r3_1b

---

How did you pay these workers during %fishseason% to catch fish using %gear%?	MULTI-SELECT	r3_2

01 ☐ Fixed wage
02 ☐ Share of the boat catch
03 ☐ Cash as a share of the boat benefit
04 ☐ Other in-kind benefits (meals, cigarettes)

How did you pay each worker a fixed wage during %fishseason%?	SINGLE-SELECT	r3_3

E `r3_2.Contains(1)`

01 ◯ PER DAY
03 ◯ PER MONTH
02 ◯ PER BOAT-TRIP

On average, what was each worker paid %r3_3% to go catching fish with your %fishgroup% using %gear% during %fishseason%?	NUMERIC: DECIMAL	r3_4

E `r3_2.Contains(1)`
E1 `self>0`
M1 Must be larger than zero. Respondent said that they paid a fixed wage.
W2 `self<1000`
M2 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	r3_4u

E `r3_4>0`
E1 `(r3_4*r3_4u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(r3_4*r3_4u)<$warn_lcu_val`
M2 This seems very high. Please check.

0001000 ◯ Thousand
1000000 ◯ Million

How did you pay each worker with in-kind benefits to go catching fish with your %fishgroup% during %fishseason%?	SINGLE-SELECT	r3_5

E `r3_2.Contains(4)`

01 ◯ PER DAY
02 ◯ PER BOAT-TRIP
03 ◯ PER MONTH

On average, what was the cash value %r3_5% of any in-kind benefit such as meals, cigarettes, etc., that you paid to each hired worker to go catching fish with your %fishgroup% using %gear% during %fishseason%?	NUMERIC: DECIMAL	r3_6

E `r3_2.Contains(4)`
E1 `self>0`
M1 Must be larger than zero. Respondent said that they paid a fixed wage.
E2 `self<$err_lcu_val`
M2 This seems unlikely. Please check.
W3 `self<1000`
M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT r3_6u
E `r3_6>0`	0001000 ⭕ Thousand
E1 `(r3_6*r3_6u)<$err_lcu_val`	1000000 ⭕ Million
M1 This is too high. Please check.	
W2 `(r3_6*r3_6u)<$warn_lcu_val`	
M2 This seems very high. Please check.	

VARIABLE	DOUBLE revenue
`fishdispo.Sum(t=>t.rev_fish)`	

[R] CAPTURE FISHERY / FISHING / GEAR / SEASON

Roster: %FISHGROUP% DISPOSITION OF FRESH
generated by multi-select question r2_11   `fishdispo`

STATIC TEXT

E `@rowcode>=900`

You now talk about %rostertitle%. You specified it as:

%specified_fish%

STATIC TEXT

ENUMERATOR: PLEASE CONVEY THE FOLLOWING MESSAGE:

STATIC TEXT

You have caught %qtycatch_fish% KG of fish <u>DURING ONE AVERAGE FISHING TRIP</u> using %gear%. (During %fishseason%)

I would like to know about your activities/handling of this catch after you landed the fish.

<u>AFTER LANDING %fishdispo%</u>: On average, what <u>PERCENTAGE OF THE CATCH</u> was lost <u>BEFORE SELLING, SHARING etc.</u>?	NUMERIC: INTEGER r4gd_0
I PLEASE ENTER THE PERCENTAG (%)	SPECIAL VALUES
E1 `self<=100`	00 NONE
M1 It is not possible that they lost more than 100%	
W2 `self<=100 ? self<=30 : true`	
M2 Are you sure that they lost %r4gd_0% %? This seems very high! Please confirm.	

S5.3. What were the reasons for the loss in the post-harvest period?	MULTI-SELECT r4gd_0b
	001 ☐ Rotting
I Select up to two	002 ☐ Insects
E `r4gd_0>0`	003 ☐ Animal Damage
	004 ☐ Theft
	005 ☐ No Cooling facilities
	999 ☐ Other, specify

Please specify	TEXT r4gd_0both
E `r4gd_0b.Contains(999)`	

VARIABLE	DOUBLE qtycatch_fish
`catch_fish-new[]{catch_loss}.Sum()`	

VARIABLE	DOUBLE catch_loss
`Convert.ToInt16(((double)((double)r4gd_0/ 100))*catch_fish))`	

STATIC TEXT

BASED ON PERCENTAGE:

QUANTITY LOST OF %fishdispo% AFTER ONE AVERAGE FISHING TRIP: %catch_loss% KG

STATIC TEXT

BASED ON CATCH AND QUANTITY LOST:

QUANTITY OF %fishdispo% AVAILABLE FOR DISPOSITION: %qtycatch_fish% KG

Did you fatten/feed/cultivate the %fishdispo% that you catched during %fishseason% before selling/using it?	SINGLE-SELECT r4gd_1 01 ◯ Yes, always 02 ◯ Yes, sometimes 00 ◯ No

R4.7a. Of the %qtycatch_fish% KG of %fishdispo%: How much was <u>USED FOR HOME CONSUMPTION</u>? I QUANTITY. DURING %fishseason% E `r1_2==1` E1 `self >= 0` M1 The quantity consumed cannot be negative. Please check.	NUMERIC: DECIMAL r4hh_7a –

R4.7b. UNIT E `r4hh_7a>0 && r4hh_7a!=888` E1 `qtycatch_fish>=(r4hh_7b.InList(1,2,3) ? r4hh_7a*WeightConv[(int)r4hh_7b].factor : (int)0)` M1 QUANTITY OF HOME CONSUMPTION CAN NOT BE LARGER THAN THE TOTAL CATCH DURING %fishseason% PLEASE CHECK [ENUMERATOR: TOTAL CATCH IS: %qtycatch_fish%]	SINGLE-SELECT r4hh_7b 01 ◯ KG 02 ◯ TON 04 ◯ BAG 05 ◯ ROPE 06 ◯ FISH

R4.7bbag. How many KGs does <u>ONE %r4hh_7b%</u> contain? E `r4hh_7b.InList(4,5,6)` E1 `qtycatch_fish>=r4hh_7a*r4hh_7bbag` M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH DURING %fishseason% PLEASE CHECK. [ENUMERATOR: TOTAL CATCH: %qtycatch_fish%] E2 `self>0` M2 This is not possible. KG per ONE %r4hh_7b% must be larger than zero. Please check. E3 `self<=$err_qtybag` M3 The quantity of KG per %r4hh_7b% is too high. Please check.	NUMERIC: DECIMAL r4hh_7bbag –

VARIABLE `r4hh_7b.InList(1,2,3) ? r4hh_7a*WeightConv[(int)r4hh_7b].factor : r4hh_7a*r4hh_7bbag`	DOUBLE hhconsum

R4.3a. Of the %qtycatch_fish% KG of %fishdispo%: How much was <u>SOLD BY YOUR %fishgroup%</u> ? I QUANTITY. REFERS TO THE QUANTITY OF %fishgroup% SALES. DO NOT COUNT INDIVIDUAL SALES. E `qtycatch_fish>new[]{hhconsum}.Sum()`	NUMERIC: DECIMAL r4gd_3a –

R4.3b. UNIT E `r4gd_3a>0 && r4gd_3a!=888` E1 `qtycatch_fish>=(r4gd_3b.InList(1,2,3) ? r4gd_3a*WeightConv[(int)r4gd_3b].factor : (int)0)` M1 QUANTITY OF %fishgroup% SALES CAN NOT BE LARGER THAN THE TOTAL CATCH DURING %fishseason% PLEASE CHECK [ENUMERATOR: TOTAL CATCH IS: %qtycatch_fish%]	SINGLE-SELECT r4gd_3b 01 ◯ KG 02 ◯ TON 04 ◯ BAG 05 ◯ ROPE 06 ◯ FISH

R4.3bbag. How many KGs does <u>ONE %r4gd_3b%</u> contain?	NUMERIC: DECIMAL r4gd_3bbag

E   `r4gd_3b.InList(4,5,6)`
E1   `qtycatch_fish>=r4gd_3a*r4gd_3bbag`
M1   QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH DURING %fishseason% PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qtycatch_fish%]
E2   `self>0`
M2   This is not possible. KG per ONE %r4gd_3b% must be larger than zero. Please check.
E3   `self<=$err_qtybag`
M3   The quantity of KG per %r4gd_3b% is too high. Please check.

VARIABLE	DOUBLE groupsales
`r4gd_3b.InList(1,2,3) ? r4gd_3a*WeightConv[(int)r4gd_3b].factor : r4gd_3a*r4gd_3bbag`	

R4.5a. Of the %qtycatch_fish% KG of %fishdispo%: How much was <u>SHARED AMONG YOUR FISHING GROUP MEMBERS.</u>?	NUMERIC: DECIMAL r4gd_5a

I   QUANTITY
E   `qtycatch_fish>new[]{hhconsum, groupsales}.Sum() && IsAnswered(r4gd_3a) && r1_2==2`

R4.5b. UNIT	SINGLE-SELECT r4gd_5b

01 ○ KG
02 ○ TON
04 ○ BAG
05 ○ ROPE
06 ○ FISH

E   `r4gd_5a>0 && r4gd_5a!=888`
E1   `qtycatch_fish>=(r4gd_5b.InList(1,2,3) ? r4gd_5a*WeightConv[(int)r4gd_5b].factor : 0)`
M1   QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH DURING %fishseason% PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qtycatch_fish%]

R4.5bbag. How many KGs does <u>ONE %r4gd_5b%</u> contain?	NUMERIC: DECIMAL r4gd_5bbag

E   `r4gd_5b.InList(4,5,6)`
E1   `qtycatch_fish>=r4gd_5a*r4gd_5bbag`
M1   QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH DURING %fishseason% PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qtycatch_fish%]
E2   `self>0`
M2   This is not possible. KG per ONE %r4gd_5b% must be larger than zero. Please check.
E3   `self<=$err_qtybag`
M3   The quantity of KG per %r4gd_5b% is too high. Please check.

VARIABLE	DOUBLE qty_groupshare
`r4gd_5b.InList(1,2,3) ? r4gd_5a*WeightConv[(int)r4gd_5b].factor : r4gd_5a*r4gd_5bbag`	

R4.8a. Of the %qtycatch_fish% KG of %fishdispo%: How much was <u>GIVEN TO LABORERS AS A TYPE OF PAYMENT.</u>?	NUMERIC: DECIMAL r4gd_8a

I   QUANTITY
E   `qtycatch_fish>new[]{hhconsum, groupsales,qty_groupshare}.Sum() && r3_2.Contains(2)`

R4.8b. UNIT	SINGLE-SELECT r4gd_8b

01 ○ KG
02 ○ TON
04 ○ BAG
05 ○ ROPE
06 ○ FISH

E   `r4gd_8a>0 && r4gd_8a!=888`
E1   `qtycatch_fish>=(r4gd_8b.InList(1,2,3) ? r4gd_8a*WeightConv[(int)r4gd_8b].factor : 0)`
M1   QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH DURING %fishseason% PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qtycatch_fish%]

R4.8bbag. How many KGs does ONE %r4gd_8b% contain?

NUMERIC: DECIMAL   r4gd_8bbag

E `r4gd_8b.InList(4,5,6)`

E1 `qtycatch_fish>=r4gd_8a*r4gd_8bbag`

M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH ON A GOOD DAY DURING %fishseason% PLEASE CHECK. [ENUMERATOR: TOTAL CATCH ON A GOOD DAY IS: %qtycatch_fish%]

E2 `self>0`

M2 This is not possible. KG per ONE %r4gd_8b% must be larger than zero. Please check.

E3 `self<=$err_qtybag`

M3 The quantity of KG per %r4gd_8b% is too high. Please check.

VARIABLE   DOUBLE   qty_groupwage

`r4gd_8b.InList(1,2,3) ? r4gd_8a*WeightConv[(int)r4gd_8b].factor : r4gd_8a*r4gd_8bbag`

R4.6a.Of the %qtycatch_fish% KG of %fishdispo%: How much was dedicated to ANY OTHER ACTIVITY ?

NUMERIC: DECIMAL   r4gd_6a

I QUANTITY

E `qtycatch_fish>new[]{hhconsum, groupsales, qty_groupshare,qty_groupwage}.Sum() && IsAnswered(r4gd_5a)`

R4.6b. UNIT

SINGLE-SELECT   r4gd_6b

01 ◯ KG
02 ◯ TON
04 ◯ BAG
05 ◯ ROPE
06 ◯ FISH

E `r4gd_6a>0 && r4gd_6a!=888`

E1 `qtycatch_fish>=(r4gd_6b.InList(1,2,3) ? r4gd_6a*WeightConv[(int)r4gd_6b].factor : 0)`

M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH DURING %fishseason% PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qtycatch_fish%]

R4.6bbag. How many KGs does ONE %r4gd_6b% contain?

NUMERIC: DECIMAL   r4gd_6bbag

E `r4gd_6b.InList(4,5,6)`

E1 `qtycatch_fish>=r4gd_6a*r4gd_6bbag`

M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH DURING %fishseason% PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qtycatch_fish%]

E2 `self>0`

M2 This is not possible. KG per ONE %r4gd_6b% must be larger than zero. Please check.

E3 `self<=$err_qtybag`

M3 The quantity of KG per %r4gd_6b% is too high. Please check.

VARIABLE   DOUBLE   qty_groupother

`r4gd_6b.InList(1,2,3) ? r4gd_6a*WeightConv[(int)r4gd_6b].factor : r4gd_6a*r4gd_6bbag`

VARIABLE   DOUBLE   sum_uses1

`new[]{hhconsum, groupsales,qty_groupshare, qty_groupwage, qty_groupother}.Sum()`

STATIC TEXT

E `IsAnswered(r4gd_3a) && qtycatch_fish<sum_uses1`

V1 `false`

THE TOTAL SUM OF USE IS LARGER THAN THE TOTAL AMOUNT OF CATCH USING %gear%

TOTAL QUANTITY: %qtycatch_fish% KG.

TOTAL SUM OF USE: %sum_uses1% KG

PLEASE CHECK CATCH OR THIS USE SECTION.

STATIC TEXT

E `IsAnswered(r4gd_6a) && !sum_uses1.InRange((0.95*qtycatch_fish),qtycatch_fish)`

V1 `false`

ATTENTION!
THE TOTAL QUANTITY OF <u>USES</u> IS SIGNIFICANTLY LOWER THAN THE TOTAL QUANTITY AVAILABLE AFTER ONE AVERAGE FISHING TRIP.

QUANTITY AVAILABLE AFTER CATCH: %qtycatch_fish%
CURRENT AMOUNT OF USES: %sum_uses1%
PLEASE CHECK AND CORRECT.

STATIC TEXT

E `qty_groupshare>0`

You stated that the group shared %qty_groupshare% KG of FISH that has been caught using %gear%, among your members.

R4.6a. Of the %qty_groupshare% KG of FRESH %fishdispo% shared after <u>ONE AVERAGE FISHING TRIP</u>, how much did <u>YOUR HOUSEHOLD RECEIVE?</u> ?	NUMERIC: DECIMAL $\qquad$ r4gd_7a

I QUANTITY
E `qty_groupshare>0`
W1 `self>0`
M1 This is very unlikely. Why should the household not receive anything?

SPECIAL VALUES
-88 RESPONDENT CAN ONLY TELL SHARE OF FISH

R4.6b. UNIT	SINGLE-SELECT $\qquad$ r4gd_7b

E `IsAnswered(r4gd_7a)`
E1 `qty_groupshare>=(r4gd_7b.InList(1,2,3) ? r4gd_7a*WeightConv[(int)r4gd_7b].factor : 0)`
M1 QUANTITY OF FISH RECEIVED BY HOUSEHOLD CAN NOT BE LARGER THAN THE TOTAL CATCH THAT HAS BEEN SHARED AMONG THE %fishgroup% MEMBERS DURING %fishseason% PLEASE CHECK. [ENUMERATOR: TOTAL CATCH SHARED AMONG %fishgroup% MEMBERS: %qty_groupshare%]

01 ◯ KG
02 ◯ TON
04 ◯ BAG
05 ◯ ROPE
06 ◯ FISH

R4.6bbag. How many KGs does <u>ONE %r4gd_6b%</u> contain?	NUMERIC: DECIMAL $\qquad$ r4gd_7bbag

E `r4gd_7b.InList(4,5,6)`
E1 `self>0`
M1 This is not possible. KG per ONE %r4gd_6b% must be larger than zero. Please check.
E2 `qty_groupshare>=r4gd_7a*r4gd_7bbag`
M2 QUANTITY OF FISH RECEIVED BY HOUSEHOLD CAN NOT BE LARGER THAN THE TOTAL CATCH THAT HAS BEEN SHARED AMONG THE %fishgroup% MEMBERS DURING %fishseason% PLEASE CHECK. [ENUMERATOR: TOTAL CATCH SHARED AMONG %fishgroup% MEMBERS: %qty_groupshare%]

VARIABLE	DOUBLE $\qquad$ hh_qtygroup

`r4gd_7a==-88? qty_groupshare*(r4gd_8hhshare/100) : r4gd_7b.InList(1,2,3) ? r4gd_7a*WeightConv[(int)r4gd_7b].factor : r4gd_7a*r4gd_7bbag`

What share of the %qty_groupshare% KG of FRESH %fishdispo% was received by your HOUSEHOLD?	NUMERIC: DECIMAL $\qquad$ r4gd_8hhshare

I ADD IN PERCENT (%)
E `r4gd_7a==-88`
E1 `self<=100`
M1 Can not be more than 100%.
W2 `self<80`
M2 This seems like a lot of the share. Please confirm.

STATIC TEXT

E `r1_2==2`

Quantity of %fishdispo% received by Household: %hh_qtygroup%

Did your HOUSEHOLD sell any of the %fishdispo% that you received after an AVERAGE Fishing trip?	SINGLE-SELECT	r4hh_sale1
	01 ◯ Yes	
	00 ◯ No	
E `IsAnswered(r4gd_7a) && r4gd_3a==0`		

R4.6a. Of the %hh_qtygroup% KG of FRESH %fishdispo% received, how much did <u>YOUR HOUSEHOLD SELL?</u> ?	NUMERIC: DECIMAL	r4hh_sale2a
I QUANTITY	— — — — — — — — — — — — — — — — — — — ·	
E `r4hh_sale1==1`	SPECIAL VALUES	
W1 `self>0`	-88 RESPONDENT CAN ONLY TELL SHARE OF FISH	
M1 This is very unlikely. Why should the household not receive anything?		

R4.6b. UNIT	SINGLE-SELECT	r4hh_sale2
	01 ◯ KG	
E `IsAnswered(r4hh_sale1) && r4hh_sale2a>0`	02 ◯ TON	
E1 `hh_qtygroup>=hh_qtysell`	04 ◯ BAG	
M1 QUANTITY OF FISH SOLD CAN NOT BE LARGER THAN THE TOTAL CATCH THAT HAS BEEN RECEIVED BY THE HOUSEHOLD. PLEASE CHECK. [ENUMERATOR: TOTAL CATCH RECEIVED: %hh_qtygroup%]	05 ◯ ROPE	
	06 ◯ FISH	

R4.6bbag. How many KGs does <u>ONE %r4hh_sale2%</u> contain?	NUMERIC: DECIMAL	r4hh_sale3
E `r4gd_7b.InList(4,5,6)`	— — — — — — — — — — — — — — — — — — — ·	
E1 `self>0`		
M1 This is not possible. KG per ONE %r4gd_6b% must be larger than zero. Please check.		
E2 `qty_groupshare>=hh_qtysell`		
M2 QUANTITY OF FISH SOLD CAN NOT BE LARGER THAN THE TOTAL CATCH THAT HAS BEEN RECEIVED BY THE HOUSEHOLD. PLEASE CHECK. [ENUMERATOR: TOTAL CATCH RECEIVED: %hh_qtygroup%]		

What share of the %hh_qtygroup% KG of FRESH %fishdispo% did your HOUSEHOLD sell?	NUMERIC: INTEGER	r4hh_sale4
I ADD IN PERCENT (%)	— — — — — — — — — — — — — — — — — — — ·	
E `r4hh_sale1==-88`		
E1 `self<=100`		
M1 Can not be more than 100%.		
W2 `self<80`		
M2 This seems like a lot of the share. Please confirm.		

What was the <u>AVERAGE PRICE PER KG</u> of FRESH %fishdispo% that your HOUSEHOLD received during %fishseason%?	NUMERIC: DECIMAL	r4hh_sales5
I Value in %lcu%	— — — — — — — — — — — — — — — — — — — ·	
E `r4hh_sale1==1`		
E1 `self>0`		
M1 Respondent said to have sold %rostertitle%. Value must be larger than 0.		
E2 `self<$err_lcu_val`		
M2 This is too high. Please check.		
W3 `self<$err_lcu_val ? self<$warn_lcu_val: true`		
M3 This seems very high. Please check.		
W4 `self<1000`		
M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA		

Unit of amount in Rupees	SINGLE-SELECT	r4hh_sales5u

E   `r4hh_sales5>0`
E1   `(r4hh_sales5*r4hh_sales5u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(r4hh_sales5*r4hh_sales5u)<$warn_lcu_val`
M2   This seems very high. Please check.

0001000 ◯ Thousand
1000000 ◯ Million

VARIABLE	DOUBLE	hh_qtysell

`r4hh_sale2a==-88? hh_qtygroup*(r4hh_sale4/100) : r4hh_sale2.InList(1,2,3) ? r4hh_sale2a*WeightConv[(int)r4hh_sale2].factor : r4hh_sale2a*r4hh_sale3`

[R] CAPTURE FISHERY / FISHING / GEAR / SEASON / %FISHGROUP% DISPOSITION OF FRESH
SALES OF %ROSTERTITLE%

E   `groupsales>0`

STATIC TEXT

According to your answer given before, you stated that your %fishgroup% has sold %r4gd_3a% %r4gd_3b%s FRESH %fishdispo% caught using %gear% during <u>ONE AVERAGE FISHING TRIP DURING %fishseason%</u>

Approximately, what was the weight in KG of <u>ONE</u> %fishdispo% that you sold during %fishseason%?	NUMERIC: DECIMAL r5gd_0c

   `- - - - - - - - - - - - - - - - - - - - - - - - - .`

E1   `self<500`
M1   This seems unlikely that one %fishdispo% weighs that much!
E2   `self>0.001`
M2   It seems unlikely that one fish weighs only that little. Please check.

What was the the average price PER KG of FRESH %fishdispo% that you sold during %fishseason%?	NUMERIC: DECIMAL r5gd_0d

   `- - - - - - - - - - - - - - - - - - - - - - - - - .`

I   Value in %lcu%
E1   `self>0`
M1   Respondent said to have sold %rostertitle%. Value must be larger than 0.
E2   `self<$err_lcu_val`
M2   This is too high. Please check.
W3   `self<$err_lcu_val ? self<$warn_lcu_val: true`
M3   This seems very high. Please check.
W4   `self<1000`
M4   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

SPECIAL VALUES

888   DON'T KNOW PER KG PRICE. ONLY TOTAL AMOUNT

Unit of amount in Rupees	SINGLE-SELECT	r5gd_0du

E   `r5gd_0d>0 && r5gd_0d!=888`
E1   `(r5gd_0d*r5gd_0du)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(r5gd_0d*r5gd_0du)<$warn_lcu_val`
M2   This seems very high. Please check.

0001000 ◯ Thousand
1000000 ◯ Million

R5.1. How much did your %fishgroup% receive from the sale of %groupsales% KG of %fishdispo%?

NUMERIC: DECIMAL — r5gd_1a

I Value in %lcu%. ON AVERAGE DURING %fishseason%
E `r5gd_0d==888`
E1 `self>0`
M1 Respondent said to have sold %rostertitle%. Value must be larger than 0.
E2 `self<$err_lcu_val`
M2 This is too high. Please check.
W3 `self<$err_lcu_val ? self<$warn_lcu_val: true`
M3 This seems very high. Please check.
W4 `self<1000`
M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees

SINGLE-SELECT — r5gd_1au

0001000 ◯ Thousand
1000000 ◯ Million

E `r5gd_1a>0`
E1 `(r5gd_1a*r5gd_1au)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(r5gd_1a*r5gd_1au)<$warn_lcu_val`
M2 This seems very high. Please check.

VARIABLE — DOUBLE — rev fish

`r5gd_0d==888 ? r5gd_1a*r5gd_1au : (r5gd_0d*r5gd_0du)*groupsales`

R5.3.To whom did YOUR %fishgroup% sell the FRESH %fishdispo% during %fishseason%?

MULTI-SELECT — r5gd_3

001 ☐ OTHER HOUSEHOLDS FOR THEIR OWN USE/Endconsumer
012 ☐ Auction at landing place
011 ☐ Retail market
002 ☐ SMALL-SCALE TRADER
003 ☐ LARGE-SCALE TRADER / WHOLESALER
004 ☐ IJON/TENGKULAK
005 ☐ PROCESSOR
006 ☐ DIRECT RETAILER
007 ☐ RESTAURANT
008 ☐ INSTITUTION (CHURCH, HOSPITAL, SCHOOL, OTHER)
009 ☐ NGO
010 ☐ GOVERNMENT AGENCY
999 ☐ OTHER, SPECIFY

Please specify

TEXT — r5gd_3oth

E `r5gd_3.Contains(999)`

R5.3.To whom did your %fishgroup% sell the <u>LARGEST QUANTITY</u> during %fishseason%?	SINGLE-SELECT	r5gd_3b

R5.3.To whom did your %fishgroup% sell the <u>LARGEST QUANTITY</u> during %fishseason%?

F r5gd_3.Contains(@optioncode)
E r5gd_3.Length>1

SINGLE-SELECT   r5gd_3b

- 001 ○ OTHER HOUSEHOLDS FOR THEIR OWN USE/Endconsumer
- 012 ○ Auction at landing place
- 011 ○ Retail market
- 002 ○ SMALL-SCALE TRADER
- 003 ○ LARGE-SCALE TRADER / WHOLESALER
- 004 ○ IJON/TENGKULAK
- 005 ○ PROCESSOR
- 006 ○ DIRECT RETAILER
- 007 ○ RESTAURANT
- 008 ○ INSTITUTION (CHURCH, HOSPITAL, SCHOOL, OTHER)
- 009 ○ NGO
- 010 ○ GOVERNMENT AGENCY
- 999 ○ OTHER, SPECIFY

[R] CAPTURE FISHERY / FISHING / GEAR / SEASON / %FISHGROUP% DISPOSITION OF FRESH / SALES OF %ROSTERTITLE%

Roster: BUYER
generated by fixed list   buyer

- 001 OTHER HOUSEHOLDS FOR THEIR OWN USE/Endconsumer
- 012 Auction at landing place
- 011 Retail market
- 002 SMALL-SCALE TRADER
- 003 LARGE-SCALE TRADER / WHOLESALER
- 004 IJON/TENGKULAK
- 005 PROCESSOR
- 006 DIRECT RETAILER
- 007 RESTAURANT
- 008 INSTITUTION (CHURCH, HOSPITAL, SCHOOL, OTHER)
- 009 NGO
- 010 GOVERNMENT AGENCY
- 999 OTHER, SPECIFY

E r5gd_3.Length>1? r5gd_3b==@rowcode : r5gd_3.Contains(@rowcode)

How much of %fishdispo% that you sold after an average fishing trip did your %fishgroup% sell to %buyer%?

E r5gd_3.Length>1

NUMERIC: DECIMAL   r6gd_1a

UNIT

E   r6gd_1a>0 && r6gd_1a!=888
E1 groupsales>qtysell_buyer
M1 This is not possible. Quantity sold to %buyer% must be smaller than the TOTAL AMOUNT SOLD (%groupsales% KG).
W2 qtysell_buyer<(0.9*groupsales)
M2 The fisher sold to more than one buyer. According to this answer, the largest share was sold to %buyer%. Please confirm.

SINGLE-SELECT   r6gd_1b

- 01 ○ KG
- 02 ○ TON
- 04 ○ BAG
- 05 ○ ROPE
- 06 ○ FISH

How many KGs does ONE %r6gd_1b% contain?

NUMERIC: DECIMAL   r6gd_1bbag

E   `r6gd_1b.InList(4,5,6)`
E1   `self>0`
M1   This is not possible. KG per ONE %r6gd_1b% must be larger than zero. Please check.
E2   `self<=$err_qtybag`
M2   The quantity of KG per %r6gd_1b% is too high. Please check.
E3   `groupsales>qtysell_buyer`
M3   This is not possible. Quantity sold to %buyer% must be smaller than the TOTAL AMOUNT SOLD (%groupsales% KG).
E4   `qtysell_buyer<(0.9*groupsales)`
M4   The fisher sold to more than one buyer. According to this answer, the largest share was sold to %buyer%. Please confirm.

VARIABLE

`r6gd_1b.InList(1,2,3) ? r6gd_1a*WeightConv[(int)r6gd_1b].factor : r6gd_1a*r6gd_1bbag`

DOUBLE   qtysell_buyer

What was the the average price PER KG of FRESH %fishdispo% that you sold to %buyer%?

NUMERIC: DECIMAL   r6gd_2

I   Value in %lcu%
E   `r5gd_3.Length>1`
E1   `self>0`
M1   Respondent said to have sold %rostertitle%. Value must be larger than 0.
E2   `self<$err_lcu_val`
M2   This is too high. Please check.
W3   `self<$err_lcu_val ? self<$warn_lcu_val: true`
M3   This seems very high. Please check.
W4   `self<1000`
M4   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU
 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees

SINGLE-SELECT   r6gd_2u

0001000 ◯ Thousand
1000000 ◯ Million

E   `r6gd_2>0`
E1   `(r6gd_2*r6gd_2u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(r6gd_2*r6gd_2u)<$warn_lcu_val`
M2   This seems very high. Please check.

Where did the transactions with this %buyer% took place?

SINGLE-SELECT   r6gd_3

001 ◯ Landing place (Private)
002 ◯ Landing place (Governmental)
003 ◯ Beach
004 ◯ Auction
005 ◯ VILLAGE MARKET (WITHIN OWN VILLAGE)
006 ◯ LOCAL MARKET OUTSIDE OWN VILLAGE
007 ◯ In the neighborhood
008 ◯ Dirumah
999 ◯ OTHER

Please specify

TEXT   r6gd_3oth

E   `r6gd_3==999`

How long did it take to transport the %fishdispo% to %r6gd_3%?

NUMERIC: DECIMAL   r6gd_4

I   AMOUNT OF TIME
E   `r6gd_3>3`

UNIT OF TIME	SINGLE-SELECT	r6gd 4b
	01 ◯ Minutes	
E `r6gd_3>3`	02 ◯ Hours	
E1 `(self==1? r6gd_4 : r6gd_4*60)<=300`		
M1 It seems unlikely that it is more than 5 hours (300 minutes) away from the landing site. Please check.		

S6.17. How many months was it before the household received the full payment from the %buyer%?	NUMERIC: INTEGER	r6gd 5

	SPECIAL VALUES	
	00 PAID RIGHT AWAY	
	01 WITHIN ONE MONTH	
	89 PAYMENT RECEIVED PRIOR TO FISH DELIVERY	

STATIC TEXT

E `fishdispo.Any(t=>t.hh_qtysell>0 || t.groupsales>0)`

According to the answers, the %fishgroup% make a total revenue of %revenue% %lcu% with fishing using %gear% during %fishseason%.

<u>DURING AN AVERAGE FISHING TRIP</u> using gear, much did you have to pay for <u>FUEL</u>?	NUMERIC: DECIMAL	r5_cost1

I DURING %fishseason%	**SPECIAL VALUES**	
W1 `self<1000`	00 None	
M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA		

Unit of amount in Rupees	SINGLE-SELECT	r5 cost1u
	0001000 ◯ Thousand	
E `r5_cost1>0`	1000000 ◯ Million	
E1 `(r5_cost1*r5_cost1u)<$err_lcu_val`		
M1 This is too high. Please check.		
W2 `(r5_cost1*r5_cost1u)<$warn_lcu_val`		
M2 This seems very high. Please check.		

<u>DURING AN AVERAGE FISHING TRIP</u> using gear, much did you have to pay for <u>ICE</u>?	NUMERIC: DECIMAL	r5 cost2

I DURING %fishseason%	**SPECIAL VALUES**	
W1 `self<1000`	00 None	
M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA		

Unit of amount in Rupees	SINGLE-SELECT	r5_cost2u
	0001000 ◯ Thousand	
E `r5_cost2>0`	1000000 ◯ Million	
E1 `(r5_cost2u*r5_cost2)<$err_lcu_val`		
M1 This is too high. Please check.		
W2 `(r5_cost2u*r5_cost2)<$warn_lcu_val`		
M2 This seems very high. Please check.		

<u>DURING AN AVERAGE FISHING TRIP</u> using gear, much did you have to pay for <u>ANY OTHER OPERATIONAL COSTS</u>?	NUMERIC: DECIMAL	r5 cost3

I DURING %fishseason%	**SPECIAL VALUES**	
W1 `self<1000`	00 None	
M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA		

Unit of amount in Rupees	SINGLE-SELECT	r5_cost3u

- E `r5_cost3>0`
- E1 `(r5_cost3u*r5_cost3)<$err_lcu_val`
- M1 This is too high. Please check.
- W2 `(r5_cost3u*r5_cost3)<$warn_lcu_val`
- M2 This seems very high. Please check.

0001000 ◯ Thousand
1000000 ◯ Million

VARIABLE	DOUBLE	profit

`revenue-new[]{(r5_cost1*r5_cost1u), (r5_cost2*r5_cost2u), (r5_cost3*r5_cost3u)}.Sum()`

STATIC TEXT

- E `fishdispo.Any(t=>t.hh_qtysell>0 || t.groupsales>0)`

According to the <u>REVENUE</u> and <u>COSTS</u>, the %fishgroup% made an average <u>PROFIT</u> of %profit% %lcu%

How much of the %profit% %lcu% did you household receive as a share of the boat profit?	NUMERIC: DECIMAL	r5_profithh

- I AFTER ONE AVERAGE FISHING TRIP DURING %fishseason%
- E `r1_2==2`
- W1 `self<1000`
- M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	r5_profithhu

- E `r5_profithh>0`
- E1 `(r5_profithh*r5_profithhu)<$err_lcu_val`
- M1 This is too high. Please check.
- W2 `(r5_profithh*r5_profithhu)<$warn_lcu_val`
- M2 This seems very high. Please check.
- E3 `(r5_profithh*r5_profithhu)<=profit`
- M3 There is only %profit% %lcu% to share. Share that the household received can not be larger than that!

0001000 ◯ Thousand
1000000 ◯ Million

[R] CAPTURE FISHERY
FISHING

- E `r1_1==1 && r1_1b==0`

Who of your household is fishing?	MULTI-SELECT: LINKED	r1wag_1

- F `a1_6a>7`

[ENUMERATOR:] Which household member is MAINLY answering the questions about this section <u>FISHERY</u>?	SINGLE-SELECT: LINKED	r1wag_2

- W1 `r1wag_1.Contains(r1wag_2)`
- M1 ATTENTION! The respondent to this section is apparently not fishing. Please try to find the household member that is engaged in fishing!

Since when are you or any other member of your household fishing?	NUMERIC: INTEGER	r1wag_3

- I ENTER YEAR. IF MULTIPLE MEMBER ASK FOR FISHER THAT HAS THE MOST EXPERIENCE/ FISH THE LONGEST.
- E1 `self<=IntYear`
- M1 Year can not be within the future.
- E2 `self>1000`
- M2 ENTER YEAR OF JOINING.
- E3 `self>(IntYear-(hh_oldest-5))`
- M3 This is not possible. There is no one in the household that old to have joined the group in %r1_5%.

During %refperiod%, in which months did you fish?	MULTI-SELECT	r1wag 4

During %refperiod%, in which months did you fish?

E1 `self.ContainsOnly(0) || !self.Contains(0)`
M1 These answers exclude each other. Please check.

MULTI-SELECT   r1wag 4

- 00 ☐ Every month of the year
- 01 ☐ September 2017
- 02 ☐ Oktober 2017
- 03 ☐ November 2017
- 04 ☐ Desember 2017
- 05 ☐ Januari 2018
- 06 ☐ Februari 2018
- 07 ☐ Maret 2018
- 08 ☐ April 2018
- 09 ☐ Mei 2018
- 10 ☐ Juni 2018
- 11 ☐ Juli 2018
- 12 ☐ Agustus 2018

Which have been the <u>BEST/PEAK</u> fishing months for your household?

F `r1wag_4.Contains(0) ? @optioncode>=0 : r1wag_4.Contains(@optioncode) || @optioncode==13`
E `!r1wag_4.Contains(0) && r1wag_4.Length>1 || r1wag_4.Contains(0)`

MULTI-SELECT   r1wag 5

- 13 ☐ All months are the same
- 01 ☐ September 2017
- 02 ☐ Oktober 2017
- 03 ☐ November 2017
- 04 ☐ Desember 2017
- 05 ☐ Januari 2018
- 06 ☐ Februari 2018
- 07 ☐ Maret 2018
- 08 ☐ April 2018
- 09 ☐ Mei 2018
- 10 ☐ Juni 2018
- 11 ☐ Juli 2018
- 12 ☐ Agustus 2018

[R] CAPTURE FISHERY / FISHING

Roster: SEASON
generated by fixed list   wage_fishseason

- 01 ONE PEAK FISHING MONTH
- 02 ONE LOW FISHING MONTH
- 03 ONE AVERAGE FISHING MONTH

E `r1wag_4.Length==1 && !r1wag_4.Contains(0) ? @rowcode==3 : r1wag_5.ContainsOnly(13) || r1wag_4.Length==r1wag_5.Length ? @rowcode==3 : @rowcode<3`

In general, how did you get paid when you go fishing during %wage_fishseason%?

MULTI-SELECT   r1wag 6

- 01 ☐ Fixed wage
- 02 ☐ Share of the boat catch
- 03 ☐ Cash as a share of the boat benefit
- 04 ☐ Other in-kind benefits (meals, cigarettes)

On average, how much did you receive <u>PER MONTH</u> during %wage_fishseason% as a FIXED WAGE?	NUMERIC: DECIMAL	r1wag 7

E   `r1wag_6.Contains(1)`
E1   `self>0`
M1   Must be larger than zero. Respondent said that they paid a fixed wage.
E2   `self<$err_lcu_val`
M2   This seems unlikely. Please check.
W3   `self<1000`
M3   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	r1wag 7u
	0001000 ◯ Thousand	
	1000000 ◯ Million	

E   `r1wag_7>0`
E1   `(r1wag_7*r1wag_7u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(r1wag_7*r1wag_7u)<$warn_lcu_val`
M2   This seems very high. Please check.

During the last %wage_fishseason%, on average, how many <u>FISHING TRIPS</u> did you do <u>PER MONTH</u> where you got paid by <u>SHARE OF THE BOAT CATCH</u>?	NUMERIC: DECIMAL	r1wag 8

E   `r1wag_6.Contains(2)`

On an average fishing trip, what share of the CATCH was received by your HOUSEHOLD?	NUMERIC: DECIMAL	r1wag 9

I   ADD IN PERCENT (%)
E   `r1wag_6.Contains(2)`
E1   `self<=100`
M1   Can not be more than 100%.
W2   `self<80`
M2   This seems like a lot of the share. Please confirm.
E3   `self>0`
M3   You indicated that you received a share. Please check.

What was the VALUE of the share that was received by your household during AN AVERAGE FISHING TRIP during %wage_fishseason%?	NUMERIC: DECIMAL	r1wag 10

I   SHARE RECEIVED: %r1wag_9% PERCENT. IN %lcu%.
E   `r1wag_6.Contains(2)`
W1   `self<1000`
M1   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	r1wag 10u
	0001000 ◯ Thousand	
	1000000 ◯ Million	

E   `r1wag_10>0`
E1   `(r1wag_10*r1wag_10u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(r1wag_10*r1wag_10u)<$warn_lcu_val`
M2   This seems very high. Please check.

During the last %wage_fishseason%, on average, how many <u>FISHING TRIPS</u> did you do <u>PER MONTH</u> where you got paid by <u>SHARE OF THE BOAT BENEFIT</u>?	NUMERIC: DECIMAL	r1wag 11

E   `r1wag_6.Contains(3)`

What was the VALUE of the SHARE OF THE BOAT BENEFIT that was received by your household during AN AVERAGE FISHING TRIP during %wage_fishseason%?	NUMERIC: DECIMAL r1wag 12

I IN %lcu%.
E `r1wag_6.Contains(3)`
E1 `self>=0`
M1 Cannot be negative. Please check.
W2 `self<1000`
M2 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT r1wag 12u
	0001000 ⭘ Thousand
	1000000 ⭘ Million

E `r1wag_12>0`
E1 `(r1wag_12*r1wag_12u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(r1wag_12*r1wag_12u)<$warn_lcu_val`
M2 This seems very high. Please check.

During the last %wage_fishseason%, on average, how many <u>FISHING TRIPS</u> did you do <u>PER MONTH</u> where you got paid by <u>IN-KIND BENEFITS</u>?	NUMERIC: DECIMAL r1wag 13

E `r1wag_6.Contains(4)`

What was the VALUE of the IN-KIND BENEFITS that was received by your household during AN AVERAGE FISHING TRIP during %wage_fishseason%?	NUMERIC: DECIMAL r1wag 14

I IN %lcu%.
E `r1wag_6.Contains(4)`
E1 `self>=0`
M1 Cannot be negative. Please check.
W2 `self<1000`
M2 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT r1wag 14u
	0001000 ⭘ Thousand
	1000000 ⭘ Million

E `r1wag_14>0`
E1 `(r1wag_14*r1wag_14u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(r1wag_14*r1wag_14u)<$warn_lcu_val`
M2 This seems very high. Please check.

[S] AQUACULTURE

STATIC TEXT

E `s1_1==1`

ENUMERATOR: PLEASE HAND OUT THE SKETCH TO THE RESPONDENT.

ENUMERATOR: TAKE A PICTURE OF THE SITE SKETCH	PICTURE sitesketch

E `s1_1==1`

STATIC TEXT

E `s1_1==1`

Please tell us about each of these sites.

	NUMERIC: INTEGER s2_1
S1.1. [ENUMERATOR:] Based on the sitesketch: Please fill in the number of SITES that the household cultivated or had access to during %refperiod%.	
I PLEASE CHECK IF THE NUMBER OF SITES REPORTED IS IN LINE WITH THE SKETCH DRAWN BY THE RESSITEENT.	
E `s1_1==1`	
W1 `self<15`	
M1 This seems a very high number of sites. Please check.	
E2 `self<30`	
M2 This is too high. Please check.	

	LIST s2_1b
B1.12d. Please name all aquacultural sites	
I USE A SHORT DESCRIPTIVE PHRASE THAT WILL HELP THE RESPONDENT REMEMBER THE SITE BEING DISCUSSED.	
E `s2_1>0`	
E1 `s2_1>s2_1b.Length ? false : true`	
M1 RESPONDENT STATED TO HAVE ACCESS TO %s2_1% SITES. HOWEVER YOU HAVE LISTED LESS THAN %s2_1% SITES. PLEASE CONTINUE UNTIL NUMBER OF SITES IS REACHED.	
E2 `s2_1<s2_1b.Length ? false : true`	
M2 RESPONDENT STATED TO HAVE ACCESS TO %s2_1% SITES. HOWEVER YOU HAVE LISTED MORE THAN %s2_1% SITES. PLEASE CHECK.	
E3 `s2_1b.Select(x=>x.Item2.ToUpper()).Distinct().Count()==s2_1b.Count()`	
M3 USE UNIQUE SITE DESCRIPTIONS.	

[S] AQUACULTURE

Roster: SITE CHARACTERISTICS
generated by list question s2_1b siteroster

E `s2_1b.Length==s2_1 && IsAnswered(s2_1)`

	SINGLE-SELECT s2_type
What type of fish farming system is %rostertitle%?	01 ◯ Freshwater pond
	02 ◯ Brackish water pond/Tambak
	03 ◯ Paddy field/ Fish-paddy system
	04 ◯ Floating cage/raft along the coast
	05 ◯ Fixed cage
	06 ◯ Mariculture rafts/ cage
	07 ◯ Mariculture Seaweed longline

	NUMERIC: DECIMAL s2_3a
S1.3a. What is the area of this %s2_type% %siteroster%?	
E `!s2_type.InList(4,5,6,7)`	SPECIAL VALUES
E1 `self>0 || self==-88`	-88 USE LENGTH x WIDTH
M1 A site can not have the size of zero. Please check.	

	SINGLE-SELECT s2_3ba
S1.3b. Specify MEASUREMENT UNIT	01 ◯ HECTARE
E `s2_3a>0`	02 ◯ SQUARE METER
E1 `s2_type.InList(1,2) ? (pondsize)<=6000 : (pondsize)<=40`	03 ◯ ACRE
M1 This seems very unlikely that a %s2_type% has the size of %pondsize% square meter. Please check.	

	NUMERIC: DECIMAL s2_3b
S1.3a. What is the <u>LENGTH</u> of this %s2_type% %siteroster%?	
I IN METERS	
E `s2_3a==-88 || s2_type.InList(4,5,6)`	

S1.3b. What is the <u>WIDTH</u> of this %s2_type% %siteroster%?	NUMERIC: DECIMAL s2_3c
I IN METERS	
E `s2_3a==-88 || s2_type.InList(4,5,6)`	_ _
E1 `s2_type.InList(1,2) ? (pondsize)<=6000 : (pondsize)<=100 0`	
M1 This seems very unlikely that a %s2_type% has the size of %pondsize% square meter. Please check.	

VARIABLE	DOUBLE pondsize
`IsAnswered(s2_3b) ? (s2_3b*s2_3c) : s2_3a*AreaConv[(int) s2_3ba].factor`	

S1.3a. What is the depth of %siteroster% in METERS?	NUMERIC: DECIMAL s2_3d
I IF POND: ASK FOR DEPTH OF WATER AT NORMAL LEVEL OF WATER.	
E `s2_type!=7`	_ _
E1 `self>0`	
M1 A site can not have the depth of zero. Please check.	
E2 `s2_type.InList(1,2) ? self<=15 : self<=8`	
M2 It is very unlikely that a %s2_type% has a depth of %s2_3c% Meters. Please check.	

How many %s2_type% are there in this %siteroster% site?	NUMERIC: INTEGER s2_3daa
I NUMBER OF SEAWEED LINES	
E `s2_type==7`	_ _
E1 `self>0`	
M1 Value must be larger than zero. Please check.	

What is the length of each %s2_type%?	NUMERIC: DECIMAL s2_3da
E `s2_type==7`	_ _

S1.3b. Specify MEASUREMENT UNIT	SINGLE-SELECT s2_3db
E `s2_3da>0`	01 ◯ Meter
	02 ◯ Feet
	04 ◯ Yard

S1.4a. Does your household own this %siteroster%?	SINGLE-SELECT s2_4a
	01 ◯ Yes, entirely
	02 ◯ Yes, jointly owned by group of people
	00 ◯ No

S1.4. How did your household or group of people acquire site <u>%siteroster%</u>?	SINGLE-SELECT s2_4
E `s2_4a.InList(1,2)`	001 ◯ INHERITED
	002 ◯ PURCHASED OR LEASED
	003 ◯ GRANTED / ALLOCATED BY GOVERNMENT
	004 ◯ GRANTED / ALLOCATED BY LOCAL LEADER
	006 ◯ SHARE-FARMING
	999 ◯ OTHER

S1.4oth. Please specify	TEXT s2_4oth
E `s2_4==999`	··

S1.4b. On which basis do you have access to %siteroster%? E `s2_4a==0`	SINGLE-SELECT `s2 4b` 001 ◯ RENTED IN 002 ◯ BORROWED FOR FREE 999 ◯ OTHER, SPECIFY
Specify other access E `s2_4b == 999`	TEXT `s2 4both` ....
S1.5. What document do you have to show how you acquired or have access to %siteroster%? F `!s2_4.InList(1,8) ? true : @optioncode.InList(1,2,3,999)`	SINGLE-SELECT `s2 5` 001 ◯ NONE 002 ◯ TITLE / DEED ISSUED BY GOVERNMENT 003 ◯ CERTIFICATE ISSUED BY NON-GOVERNMENT 004 ◯ RENTAL AGREEMENT 999 ◯ OTHER
S1.5oth. Please specify other. E `s2_5==999`	TEXT `s2 5oth` ....
S1.6a. How much did you pay to rent %siteroster% during %refperiod% IN CASH? I LIST ONLY IN CASH VALUES E `s2_4b == 1` W1 `self<1000` M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. \ For example 10,000 %lcu% == 10 RIBU\ \ 1,000,000 %lcu% == 1 JUTA	NUMERIC: DECIMAL `s2 6a` ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑
Unit of amount in Rupees E `s2_6a>0` E1 `(s2_6a*s2_6au)<$err_lcu_val` M1 This is too high. Please check. W2 `(s2_6a*s2_6au)<$warn_lcu_val` M2 This seems very high. Please check.	SINGLE-SELECT `s2 6au` 0001000 ◯ Thousand 1000000 ◯ Million
S1.6b. How much did you pay to rent %siteroster% between %refperiod% IN KIND? I IF IN-KIND PAYMENTS, PLEASE EXCLUDE PAYMENTS MADE WITH FISHS HARVESTED FROM THIS site. E `s2_4b == 1` W1 `self<1000` M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. \ For example 10,000 %lcu% == 10 RIBU\ \ 1,000,000 %lcu% == 1 JUTA	NUMERIC: DECIMAL `s2 6b` ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑ ‑
Unit of amount in Rupees E `s2_6b>0` E1 `(s2_6b*s2_6bu)<$err_lcu_val` M1 This is too high. Please check. W2 `(s2_6b*s2_6bu)<$warn_lcu_val` M2 This seems very high. Please check.	SINGLE-SELECT `s2 6bu` 0001000 ◯ Thousand 1000000 ◯ Million
S1.7. Who in the household owns %siteroster%? F `a1_6a>12` E `s2_4a==1 || s2_4a==2`	MULTI-SELECT: LINKED `s2 7`

S1.8a. Under normal circumstances, what is your primary means of travelling to this %siteroster%?	SINGLE-SELECT s2_8a 001 ◯ BOAT 002 ◯ CAR 003 ◯ BICYCLE 004 ◯ MOTORCYCLE 005 ◯ WALK 006 ◯ BUS 007 ◯ DONKEY 999 ◯ OTHER
Specify means of transport E `s2_8a == 999`	TEXT s2_8aoth ....
S1.8. From your household, how long does it take to travel to %siteroster% using %s2_8a%? I ONE-WAY TRIP BY USUAL METHOD OF TRANSPORT. IF MULTIPLE MEANS OF TRANSPORT, ADD UP THE TIME NEEDED. E1 `self>0` M1 Must be more than 0 minutes. If right next to household choose the displayed option.	NUMERIC: DECIMAL s2_8 - SPECIAL VALUES 01 Right next to household (Within one minute)
UNIT OF TIME E `s2_8>1` E1 `(self==1? s2_8 : s2_8*60)<=300` M1 It seems unlikely that this household is more than 5 hours (300 minutes) away from the landing site. Please check.	SINGLE-SELECT s2_8b 01 ◯ Minutes 02 ◯ Hours
Did you and your %aquagroup% rent out this %rostertitle% during %refperiod% at any time?	SINGLE-SELECT s2_10 01 ◯ YES 00 ◯ No
During which months did you rent out %siteroster%? E `s2_10==1` E1 `self.ContainsOnly(13) || self.Contains(13)` M1 Answer options exclude each other. Please check.	MULTI-SELECT s2_10b 13 ☐ Whole last 12 months 01 ☐ September 2017 02 ☐ Oktober 2017 03 ☐ November 2017 04 ☐ Desember 2017 05 ☐ Januari 2018 06 ☐ Februari 2018 07 ☐ Maret 2018 08 ☐ April 2018 09 ☐ Mei 2018 10 ☐ Juni 2018 11 ☐ Juli 2018 12 ☐ Agustus 2018
S1.6a. How much did you and your %aquagroup% receive of renting out %siteroster% during %refperiod% IN CASH? I   LIST ONLY IN CASH VALUES E   `s2_10==1` W1   `self<1000` M1   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA	NUMERIC: DECIMAL s2_11a -

Unit of amount in Rupees	SINGLE-SELECT	s2_11au
	0001000 ⚪ Thousand	
	1000000 ⚪ Million	

E `s2_11a>0`
E1 `(s2_11a*s2_11au)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(s2_11a*s2_11au)<$warn_lcu_val`
M2 This seems very high. Please check.

S1.6a. How much did you and your %aquagroup% receive of renting out <u>%siteroster%</u> during %refperiod% <u>IN KIND</u>?

NUMERIC: DECIMAL   s2_11b

I ESTIMATE IN-KIND VALUE IN %lcu%
E `s2_10==1`
W1 `self<1000`
M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU
 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees

SINGLE-SELECT   s2_11bu
0001000 ⚪ Thousand
1000000 ⚪ Million

E `s2_11b>0`
E1 `(s2_11b*s2_11bu)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(s2_11b*s2_11bu)<$warn_lcu_val`
M2 This seems very high. Please check.

In which year was this %siteroster% established/constructed/converted to a %s2_type%?

NUMERIC: INTEGER   s2_12

SPECIAL VALUES
999 Has been used by the household f or generations

I YEAR OF ESTABLISHMENT/CONSTRUCTION/CONVERSION
E `s2_10==1? !s2_10b.Contains(13) : true`
E1 `self<=IntYear`
M1 Year can not be in the future. Please checkl.
E2 `self>1900 || self==999`
M2 It seems unlikely that this aquacultural site is that old. Please check.

At the current location of this %siteroster%, has this location been previously mangrove/nypa land?

SINGLE-SELECT   s2_13
01 ⚪ Yes
00 ⚪ No

E `s2_10==1? !s2_10b.Contains(13) : true`

What material is the %s2_type% made of?

MULTI-SELECT   s2_14
01 ☐ Bamboo
02 ☐ Wood
03 ☐ Steel
04 ☐ Plastic pipes
05 ☐ Tong

E `s2_type.InList(4,5,6) && ( s2_10==1? !s2_10b.Contains(13) : true)`

In which year did you change the location of this %rostertitle% the last time?

NUMERIC: INTEGER   s2_15

SPECIAL VALUES
2018 This year 2018
-0088 Tak pernah

E `s2_type.InList(4,5,6,7) && ( s2_10==1? !s2_10b.Contains(13) : true)`
E1 `self<=IntYear || self==-88`
M1 The year can not be in the future. Please check.
E2 `self>=s2_12 || self==-88`
M2 This is not possible. According to the answer given before this %rostertitle% exists only since %s2_12%.

VARIABLE
`s2_9 ==1? "HOUSEHOLD": "GROUP"`

STRING   aquagroup

By whom was this %siteroster% managed during %refperiod%? E `s2_10==1? !s2_10b.Contains(13) : true`	SINGLE-SELECT s2 9 01 ◯ Only members of this household 02 ◯ Group of aquaculturalist's from several households
How many MALES outside of your household are involved in managing the cultivation of fish at %siteroster%? I DOES NOT INCLUDE WAGE LABOR E `s2_9==2`	NUMERIC: INTEGER s2_17a ------------------------------- ·
How many FEMALES outside of your household are involved in managing the cultivation of fish at %siteroster%? I DOES NOT INCLUDE WAGE LABOR E `s2_9==2`	NUMERIC: INTEGER s2_17b ------------------------------- ·
Which fish did you cultivate/harvest in %siteroster% during %refperiod%? I THIS ALSO INCLUDES FISH ADDED TO THE POND BUT THAT WERE LOST COMPLETELY. E `s2_10==1? !s2_10b.Contains(13) : true`	MULTI-SELECT s2 16 100 ☐ Bawal Bintang 101 ☐ Campuran dari ikan-ikan kecil 102 ☐ Carp 103 ☐ Gabus 104 ☐ Ikan Bandeng 105 ☐ Ikan Lele 106 ☐ Ikan Mujair 107 ☐ Kakap 108 ☐ Kakap putih 109 ☐ Kepiting 110 ☐ Kerang laut 111 ☐ Kerapu 112 ☐ Koi 113 ☐ Rumput laut 114 ☐ Tilapia 115 ☐ Toman And 6 other symbols [4]

[S] AQUACULTURE / SITE CHARACTERISTICS
Roster: FISH
generated by multi-select question s2 16   aquafish

E `s2_10==1? !s2_10b.Contains(13) : true`

Please specify %rostertitle%. E `@rowcode>=900`	TEXT s2 16oth ....
During %refperiod%: Do you cultivate %aquafish% in <u>MANY SHORT CYCLES</u> or <u>FEW LONG CYCLES at %siteroster%?</u> I FEW LONG CYCLES Example: Fingerlings/Eggs cultivation till Harvest MANY SHORT CYCLES Example: Cultivating Eggs till Fingerlings or Adults till Harvest	SINGLE-SELECT s3 0 01 ◯ FEW LONG CYCLES 02 ◯ MANY SHORT CYCLES 03 ◯ BOTH

How many times did you harvest %aquafish% during %refperiod%?	NUMERIC: INTEGER	s3_1a

I THIS QUESTION REFERS TO THE NUMBER OF CYCLES THE FARMER CULTIVATED FISH IN THIS POND/LOCATION
E `s3_0.InList(1,3)`
E1 `self<5`
M1 It seems unlikely that the farmer cultivated that many cylces within %refperiod%. Please check.

How many times did you harvest %aquafish% during %refperiod%?	NUMERIC: INTEGER	s3_1b

I THIS QUESTION REFERS TO THE NUMBER OF CYCLES THE FARMER CULTIVATED FISH IN THIS POND/LOCATION
E `s3_0.InList(2,3)`
E1 `self<=24`
M1 It seems unlikely that the farmer cultivated that many cylces within %refperiod%. Please check.

What is the reason why you did not harvest any %aquafish% during %refperiod%?

E `s3_1a==0 || s3_1b==0`

SINGLE-SELECT   s3_1c

01 ○ Started this cultivation within the last months
02 ○ Total loss of fish that was added to this site
03 ○ Cultivation still ongoing and not ready for harvest yet

How much of %aquafish% did you add to the pond when you lost all of it?

E `s3_1c==2 &&s3_0==1`
E1 `self>0`
M1 There must be more than zero fingerlings.

NUMERIC: DECIMAL   s3_1d

UNIT

E `s3_1c==2 &&s3_0==1`

SINGLE-SELECT   s3_1db

01 ○ KG
02 ○ TON
04 ○ BAG
05 ○ ROPE
06 ○ FISH

What has been the MAIN reason for the loss?

E `s3_1c==2 && s3_0==1`

SINGLE-SELECT   s3_1e

001 ○ Flood
002 ○ Water Toxicit
003 ○ Theft
004 ○ Due to cold
999 ○ Other

Please specify

E `s3_1e==999`

TEXT   s3_1eoth

What were the TOTAL COSTS at %siteroster% for %aquafish% when you lost all of it.

E `s3_1c==2 && s3_0==1`
W1 `self<1000`
M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   s3_1f

Unit of amount in Rupees	SINGLE-SELECT	s3_1fu

E   `s3_1f>0`
E1   `(s3_1f*s3_1fu)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(s3_1f*s3_1fu)<$warn_lcu_val`
M2   This seems very high. Please check.

0001000   O   Thousand
1000000   O   Million

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH

Roster: SHORT CULTIVATION
generated by fixed list   aquafish_avgcycle

01   ONE AVERAGE SHORT CYCLE

00   Lazy Blank

E   `s3_1b==0 ? s3_1c==2 && @rowcode>0 : s3_0.InList(2,3) && @rowcode>0`

At the beginning of an average cycle, how many ADULT %aquafish% did you add during %refperiod%?

NUMERIC: INTEGER   s3_avg3

E1   `self>0`
M1   There must be more than zero.

UNIT

SINGLE-SELECT   s3_avg3b

01   O   KG
02   O   TON
04   O   BAG
05   O   ROPE
06   O   FISH

How long does an average cycle lasts from adding %aquafish% to the %siteroster% till harvest?

NUMERIC: DECIMAL   s3_avg2

E1   `self>0`
M1   Must be larger than zero. Please check.

UNIT OF TIME

SINGLE-SELECT   s3_avg2b

E1   `(self==1? s3_avg2 : s3_avg2*4)<25`
M1   Are you sure that ONE CYCLE lasted that long? This is about cultivating ADULT Fish.

01   O   WEEK
02   O   MONTH

Approximately what percentage of %aquafish% did you loose before actually harvesting?

NUMERIC: INTEGER   s3_avg4

I   PLEASE ENTER THE PERCENTAG (%)
E1   `self<=100`
M1   It is not possible that they lost more than 100%
W2   `self<=100 ? self<=50 : true`
M2   Are you sure that they lost %s3_avg4% %? This seems very high! Please confirm.

SPECIAL VALUES
00   None

What has been the MAIN reason for the loss?

SINGLE-SELECT   s3_avg5

E   `s3_avg4>0`

001   O   Weather extreme
002   O   Water Toxicit
003   O   Theft
004   O   Due to cold
005   O   Feeding
006   O   Poor fingerlings/fish quality
999   O   Other

Please specify.	TEXT	s3_avg5oth
E `s3_avg5==999`	....	

Which feed did you give to the fish %aquafish% during an average cycle?	MULTI-SELECT	s3_avg6
	300 ☐ Makan Ikan/Pelet	
	301 ☐ Soybean meal	
	302 ☐ Copra meal	
	303 ☐ Palmmeal	
	304 ☐ Duckweed	
	305 ☐ Ikan Rucah	
	306 ☐ Animal by-products	
	307 ☐ Sekam/Dedak	
	308 ☐ Worms	
	309 ☐ Fresh fish fodder	
	999 ☐ Other fodder	

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / SHORT CULTIVATION
Roster: FEED
generated by multi-select question `s3_avg6`   feed_aquafish_avgcycle

How much of feed %rostertitle% did you give to the %aquafish% in %siteroster% during an average cycle?	NUMERIC: DECIMAL	s3_avg7
I QUANTITY		
E1 `self>0`		
M1 You indicated that you gave %rostertitle% to the fish. The value has to be larger than 0.		

UNIT	SINGLE-SELECT	s3_avg7b
	01 ◯ KG	
	02 ◯ TON	
	04 ◯ BAG	

How many KGs does <u>ONE %s3_avg7b%</u> contain?	NUMERIC: DECIMAL	s3_avg7bbag
E `s3_avg7b==4`		
E1 `self>0`		
M1 This is not possible. KG per ONE %s3_avg7b% must be larger than zero . Please check.		
E2 `self<=$err_qtybag`		
M2 The quantity of KG per %s3_avg7b% is too high. Please check.		

UNIT	SINGLE-SELECT	s3_avg8c
	01 ◯ PER DAY	
	02 ◯ PER WEEK	
	03 ◯ PER MONTH	

Which antibiotics did you apply to the %aquafish% during an average cycle?	MULTI-SELECT	s3_avg8
E1 `self.ContainsOnly(0) || !self.Contains(0)`	000 ☐ None	
M1 These answer options exclude each other. Please check.	600 ☐ Powder Antibiotics	
	601 ☐ Liquid Antibiotics	
	602 ☐ Tablet Antibiotics	

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / SHORT CULTIVATION
Roster: ANTIBIOTICS
generated by multi-select question `s3_avg8`   vacc_aquafish_avgcycle

E `@rowcode>0`

How often did you apply %rostertitle% during an average cycle to %aquafish%?	NUMERIC: INTEGER	s3_avg9
I NUMBER OF TIMES E1 `self>0` M1 This is not possible. Respondent stated that they have applied this anti biotic. Please check.	------------------------------	

How much of %rostertitle% did you apply to %siteroster% during an average cycle?	NUMERIC: INTEGER	s3_avg10
I QUANTITY E1 `self > 0` M1 This is not possible. Respondent stated that they have applied this anti biotic. Please check.	------------------------------	

UNIT	SINGLE-SELECT	s3_avg10b
	01 ◯ BOTTLE 02 ◯ BAG 03 ◯ BOX	

How many KG/LITERs does ONE %s3_avg10b% contain?	NUMERIC: DECIMAL	s3_avg10bbag
E1 `self>0` M1 This is not possible. KG per ONE %s3_avg10b% must be larger than zero. Please check. E2 `self<=$err_qtybag` M2 The quantity of KG per %s3_avg10b% is too high. Please check.	------------------------------	

UNIT	SINGLE-SELECT	s3 13bbagunit
	01 ◯ KG 02 ◯ LITER 03 ◯ MILILITER	

Did your %aquagroup% hire any adults for cultivating %aquafish% at the end of an average cycle during the %refperiod%?	SINGLE-SELECT	s4 avg1a
	01 ◯ Yes 00 ◯ No	

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / SHORT CULTIVATION
LABOUR FOR THIS SITE DURING AN AVERAGE CYCLE

E `s4_avg1a==1`

How many laborers did your %aquagroup% hire for this %siteroster% during an average cycle of %aquafish%?	NUMERIC: INTEGER	s4_avg1b
E1 `self > 0` M1 You indicated that labour was hired. Thus, this value has to be larger than 0.	------------------------------	

How did you MAINLY pay these workers during an average cycle of %aquafish% at this %siteroster%?	SINGLE-SELECT	s4 avg2
	01 ◯ Fixed wage 02 ◯ Share of the catch/harvest 03 ◯ Cash as a share of the benefit from harvest 04 ◯ Other in-kind benefits (meals, cigarettes	

On average, what was each worker paid during an average cycle of %aquafish% at this %siteroster%?	NUMERIC: DECIMAL	s4_avg4

E   `s4_avg2==1`
E1   `self>0`
M1   Must be larger than zero. Respondent said that they paid a fixed wage.
E2   `self<$err_lcu_val`
M2   This seems unlikely. Please check.
W3   `self<1000`
M3   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees

SINGLE-SELECT   s4_avg4u

0001000   ⚪   Thousand
1000000   ⚪   Million

E   `s4_avg4>0`
E1   `(s4_avg4*s4_avg4u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(s4_avg4*s4_avg4u)<$warn_lcu_val`
M2   This seems very high. Please check.

On average, what was the cash value of any in-kind benefit such as meals, cigarettes, etc., that you paid during an average cycle of %aquafish% at this %siteroster%	NUMERIC: DECIMAL	s4_avg5

E   `s4_avg2==4`
E1   `self>0`
M1   Must be larger than zero. Respondent said that they paid a fixed wage.
E2   `self<$err_lcu_val`
M2   This seems unlikely. Please check.
W3   `self<1000`
M3   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees

SINGLE-SELECT   s4_avg5u

0001000   ⚪   Thousand
1000000   ⚪   Million

E   `s4_avg5>0`
E1   `(s4_avg5*s4_avg5u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(s4_avg5*s4_avg5u)<$warn_lcu_val`
M2   This seems very high. Please check.

What were the total cost that you had for <u>ELECTRICITY</u> at %siteroster% for %aquafish% during an average cycle?	NUMERIC: DECIMAL	s4_avg8a

W1   `self<1000`
M1   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

SPECIAL VALUES
00   NO COSTS FOR ELECTRICITY

Unit of amount in Rupees

SINGLE-SELECT   s4_avg8au

0001000   ⚪   Thousand
1000000   ⚪   Million

E   `s4_avg8a>0`
E1   `(s4_avg8a*s4_avg8au)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(s4_avg8a*s4_avg8au)<$warn_lcu_val`
M2   This seems very high. Please check.

What were the total cost that you had for <u>OTHER UTILITIES</u> at %siteroster% for %aquafish% during an average cycle?	NUMERIC: DECIMAL	s4_avg8b

W1   `self<1000`
M1   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

SPECIAL VALUES
00   NO OTHER COSTS

Unit of amount in Rupees	SINGLE-SELECT	s4_avg8bu

E   `s4_avg8b>0`
E1 `(s4_avg8b*s4_avg8bu)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(s4_avg8b*s4_avg8bu)<$warn_lcu_val`
M2 This seems very high. Please check.

0001000 ◯ Thousand
1000000 ◯ Million

How much of %aquafish% did you catch/harvest from %siteroster% at the end of an average cycle?	NUMERIC: DECIMAL	s5_avg1a

`- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -`

I   QUANTITY

UNIT	SINGLE-SELECT	s5_avg1b

E   `s5_avg1a>0`

01 ◯ KG
02 ◯ TON
04 ◯ BAG
05 ◯ ROPE
06 ◯ FISH

How many KGs does <u>ONE %s5_avg1b%</u> contain?	NUMERIC: DECIMAL	s5_avg1bbag

`- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -`

E   `s5_avg1b.InList(4,5,6)`
E1 `self>0`
M1 This is not possible. KG per ONE %s5_avg1b% must be larger than zero . Please check.
E2 `self<=$err_qtybag`
M2 The quantity of KG per %s5_avg1b% is too high. Please check.

VARIABLE	DOUBLE	aquafish_avgharvest
`s5_avg1b.InList(1,2,3) ? s5_avg1a*WeightConv[(int)s5_avg1b].factor : s5_avg1a*s5_avg1bbag`		

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / SHORT CULTIVATION

DISPOSITION OF %AQUAFISH% AT THE END OF AN AVERAGE CYCLE.

E   `aquafish_avgharvest>0`

Approximately what percentage of %aquafish% was lost to rotting, insects, rodents, theft, etc AFTER HARVESTING AND BEFORE DEDICATING IT TO SPECIFIC USES?	NUMERIC: INTEGER	s5_avg2a

`- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -`

SPECIAL VALUES
00 NONE

I   PLEASE ENTER THE PERCENTAG (%)
E1 `self<=100`
M1 It is not possible that they lost more than 100%
W2 `self<=100 ? self<=50 : true`
M2 Are you sure that they lost %s5_avg2a% %? This seems very high! Please confirm.

VARIABLE	DOUBLE	avgaquafish_loss
`Convert.ToInt16((((double)((double)s5_avg2a/ 100))*aquafish_avgharvest))`		

VARIABLE	DOUBLE	qty_avgaquadispo
`aquafish_avgharvest-(new[]{avgaquafish_loss}.Sum())`		

STATIC TEXT

BASED ON PERCENTAGE:

QUANTITY LOST AFTER AN AVERAGE SHORT CYCLE: %avgaquafish_loss% KG

S5.3. What were the reasons for the loss in the post-harvest period?	MULTI-SELECT	s5_avg3
	001 ☐ Rotting	
I Select up to two	002 ☐ Insects	
E s5_avg2a>0	003 ☐ Animal Damage	
	004 ☐ Theft	
	005 ☐ No Cooling facilities	
	999 ☐ Other, specify	

Please specify other.	TEXT	s5_avg3oth
E s5_avg3.Contains(999)		

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / SHORT CULTIVATION / DISPOSITION OF %AQUAFISH% AT THE END OF AN AVERAGE CYCLE.

FRESH FISH USES AT THE END OF AN AVERAGE CYCLE

E `qty_avgaquadispo!=0`

STATIC TEXT

Total amount available after harvest and losses: %qty_avgaquadispo% KG.

I would like to know about your activities/handling of the FRESH %aquafish% after you harvested it.

Of the %qty_avgaquadispo% KG of %aquafish%: How much was USED FOR HOME CONSUMPTION?	NUMERIC: DECIMAL	s8_avg7a
E s2_9==1		

S8.7b. UNIT	SINGLE-SELECT	s8_avg7b
E s8_avg7a>0 && s8_avg7a!=888	01 ◯ KG	
E1 qty_avgaquadispo>=(s8_avg7b.InList(1,2,3) ? s8_avg7a*WeightConv[(int)s8_avg7b].factor : (int)0)	02 ◯ TON	
M1 QUANTITY CAN NOT BE LARGER THAN TOTAL HARVEST. [ENUMERATOR: TOTAL HARVEST: %qty_avgaquadispo%]	04 ◯ BAG	
	05 ◯ ROPE	
	06 ◯ FISH	

S8.7bbag. How many KGs does ONE %s8_avg7b% contain?	NUMERIC: DECIMAL	s8_avg7bbag
E s8_avg7b.InList(4,5,6)		
E1 qty_avgaquadispo>=s8_avg7a*s8_avg7bbag		
M1 QUANTITY CAN NOT BE LARGER THAN TOTAL HARVEST. [ENUMERATOR: TOTAL HARVEST AFTER LOSSES: %qty_avgaquadispo%]		
E2 self>0		
M2 This is not possible. KG per ONE %s8_avg7b% must be larger than zero. Please check.		
E3 self<=$err_qtybag		
M3 The quantity of KG per %s8_avg7b% is too high. Please check.		

VARIABLE	DOUBLE	hhconsum_avgaqu
s8_avg7b.InList(1,2,3) ? s8_avg7a*WeightConv[(int)s8_avg7b].factor : s8_avg7a*s8_avg7bbag		

Of the %qty_avgaquadispo% KG of %aquafish%: How much was SOLD BY YOUR %fishgroup%?	NUMERIC: DECIMAL	s5_avg3a
I QUANTITY. REFERS TO THE QUANTITY OF GROUP SALES. DO NOT COUNT INDIVIDUAL SALES.		

S5.3b. UNIT

E   `s5_avg3a>0 && s5_avg3a!=888`

E1   `qty_avgaquadispo>=(s5_avg3b.InList(1,2,3) ? s5_avg3a*Wei` `ghtConv[(int)s5_avg3b].factor : (int)0)`

M1   QUANTITY OF GROUP SALES CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of an average cycle PLEASE CHECK [ENUMERATOR: TOTAL CATCH IS: %qty_avgaquadispo%]

	SINGLE-SELECT	s5 avg3b
01	○ KG	
02	○ TON	
04	○ BAG	
05	○ ROPE	
06	○ FISH	

S5.3bbag. How many KGs does ONE %s5_avg3b% contain?

E   `s5_avg3b.InList(4,5,6)`

E1   `qty_avgaquadispo>=s5_avg3a*s5_avg3bbag`

M1   QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of an average cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_avgaquadispo%]

E2   `self>0`

M2   This is not possible. KG per ONE %s5_avg3b% must be larger than zero. Please check.

E3   `self<=$err_qtybag`

M3   The quantity of KG per %s5_avg3b% is too high. Please check.

NUMERIC: DECIMAL   s5 avg3bbag

VARIABLE

`s5_avg3b.InList(1,2,3) ? s5_avg3a*WeightConv[(int)s5_avg` `3b].factor : s5_avg3a*s5_avg3bbag`

DOUBLE   groupsales_avgaqua

Of the %qty_avgaquadispo% KG of %aquafish%: How much was SHARED AMONG YOUR %fishgroup% MEMBER?

I   QUANTITY

E   `qty_avgaquadispo>new[]{hhconsum_avgaqu, groupsales_avgaq` `ua}.Sum() && IsAnswered(s5_avg3a) && s2_9==1`

NUMERIC: DECIMAL   s5_avg5a

S5.5b. UNIT

E   `s5_avg5a>0 && s5_avg5a!=888`

E1   `qty_avgaquadispo>=(s5_avg5b.InList(1,2,3) ? s5_avg5a*Wei` `ghtConv[(int)s5_avg5b].factor : 0)`

M1   QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of an average cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_avgaquadispo%]

	SINGLE-SELECT	s5 avg5b
01	○ KG	
02	○ TON	
04	○ BAG	
05	○ ROPE	
06	○ FISH	

S5.5bbag. How many KGs does ONE %s5_avg5b% contain?

E   `s5_avg5b.InList(4,5,6)`

E1   `qty_avgaquadispo>=s5_avg5a*s5_avg5bbag`

M1   QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of an average cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_avgaquadispo%]

E2   `self>0`

M2   This is not possible. KG per ONE %s5_avg5b% must be larger than zero. Please check.

E3   `self<=$err_qtybag`

M3   The quantity of KG per %s5_avg5b% is too high. Please check.

NUMERIC: DECIMAL   s5_avg5bbag

VARIABLE

`s5_avg5b.InList(1,2,3) ? s5_avg5a*WeightConv[(int)s5_avg` `5b].factor : s5_avg5a*s5_avg5bbag`

DOUBLE   qty groupshare avgaqua

Of the %qty_avgaquadispo% KG of %aquafish%: How much was GIVEN TO LABORERS AS A TYPE OF PAYMENT.?

I   QUANTITY

E   `qty_avgaquadispo>new[]{hhconsum_avgaqu, groupsales_avgaq` `ua,qty_groupshare_avgaqua}.Sum() && s4_avg2==2`

NUMERIC: DECIMAL   s5_avg8a

S5.8b. UNIT

E `s5_avg8a>0 && s5_avg8a!=888`
E1 `qty_avgaquadispo>=(s5_avg8b.InList(1,2,3) ? s5_avg8a*WeightConv[(int)s5_avg8b].factor : 0)`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of an average cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_avgaquadispo%]

SINGLE-SELECT	s5 avg8b
01 ◯ KG	
02 ◯ TON	
04 ◯ BAG	
05 ◯ ROPE	
06 ◯ FISH	

S5.8bbag. How many KGs does ONE %s5_avg8b% contain?

E `s5_avg8b.InList(4,5,6)`
E1 `qty_avgaquadispo>=s5_avg8a*s5_avg8bbag`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of an average cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_avgaquadispo%]
E2 `self>0`
M2 This is not possible. KG per ONE %s5_avg8b% must be larger than zero. Please check.
E3 `self<=$err_qtybag`
M3 The quantity of KG per %s5_avg8b% is too high. Please check.

NUMERIC: DECIMAL — s5_avg8bbag

VARIABLE

`s5_avg8b.InList(1,2,3) ? s5_avg8a*WeightConv[(int)s5_avg8b].factor : s5_avg8a*s5_avg8bbag`

DOUBLE — qty_grouplabor_avgaqua

Of the %qty_avgaquadispo% KG of %aquafish%: How much was dedicated to ANY OTHER ACTIVITY?

I QUANTITY
E `qty_avgaquadispo>new[]{hhconsum_avgaqu,groupsales_avgaqua, qty_groupshare_avgaqua}.Sum() && IsAnswered(s5_avg5a)`

NUMERIC: DECIMAL — s5_avg6a

S5.6b. UNIT

E `s5_avg6a>0 && s5_avg6a!=888`
E1 `qty_avgaquadispo>=(s5_avg6b.InList(1,2,3) ? s5_avg6a*WeightConv[(int)s5_avg6b].factor : 0)`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of an average cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_avgaquadispo%]

SINGLE-SELECT	s5 avg6b
01 ◯ KG	
02 ◯ TON	
04 ◯ BAG	
05 ◯ ROPE	
06 ◯ FISH	

S5.6bbag. How many KGs does ONE %s5_avg6b% contain?

E `s5_avg6b.InList(4,5,6)`
E1 `qty_avgaquadispo>=s5_avg6a*s5_avg6bbag`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of an average cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_avgaquadispo%]
E2 `self>0`
M2 This is not possible. KG per ONE %s5_avg6b% must be larger than zero. Please check.
E3 `self<=$err_qtybag`
M3 The quantity of KG per %s5_avg6b% is too high. Please check.

NUMERIC: DECIMAL — s5_avg6bbag

VARIABLE

`s5_avg6b.InList(1,2,3) ? s5_avg6a*WeightConv[(int)s5_avg6b].factor : s5_avg6a*s5_avg6bbag`

DOUBLE — qty_groupother avgaqua

VARIABLE

`new[]{hhconsum_avgaqu, groupsales_avgaqua,qty_groupshare_avgaqua,qty_groupother_avgaqua,qty_grouplabor_avgaqua}.Sum()`

DOUBLE — sum_use_avgaqua

STATIC TEXT

E `IsAnswered(s5_avg3a) && qty_avgaquadispo<sum_use_avgaqua`
V1 `false`

THE TOTAL SUM OF USE IS LARGER THAN THE TOTAL AMOUNT OF %aquafish% HARVESTED FROM THIS %siteroster% at

the end of an average cycle.

TOTAL QUANTITY AFTER HARVEST AND LOSSES: %qty_avgaquadispo% KG.

TOTAL SUM OF USE: %sum_use_avgaqua% KG

PLEASE CHECK HARVEST OR THIS USE SECTION.

STATIC TEXT

E   `IsAnswered(s5_avg6a) && !sum_use_avgaqua.InRange((0.90*qty_avgaquadispo),qty_avgaquadispo)`

V1 `false`

ATTENTION!
THE TOTAL QUANTITY OF %rostertitle% <u>USES</u> IS SIGNIFICANTLY LOWER THAN THE TOTAL QUANTITY AVAILABLE AFTER HARVEST AT THE END OF AN AVERAGE CYCLE.

QUANTITY AVAILABLE AFTER HARVEST AND LOSSES: %qty_avgaquadispo%
CURRENT AMOUNT OF USES: %sum_use_avgaqua%
PLEASE CHECK AND CORRECT.

STATIC TEXT

THE TOTAL SUM OF USE OF %aquafish% HARVESTED FROM THIS %siteroster% at the end of an average cycle: <u>%sum_use_avgaqua% KG.</u>

STATIC TEXT

E   `qty_groupshare_avgaqua>0`

You stated that the group shared %qty_groupshare_avgaqua% among your members.

S5.6a. Of the %qty_groupshare_avgaqua% KG of FRESH %aquafish% shared at the end of an average cycle, how much did <u>YOUR HOUSEHOLD RECEIVE? </u>?	NUMERIC: DECIMAL s5_avg7a
I QUANTITY E `qty_groupshare_avgaqua>0` W1 `self>0` M1 This is very unlikely. Why should the household not receive anything?	- .

S5.6b. UNIT	SINGLE-SELECT s5_avg7b
E `IsAnswered(s5_avg7a)` E1 `qty_groupshare_avgaqua>=(s5_avg7b.InList(1,2,3) ? s5_avg` `7a*WeightConv[(int)s5_avg7b].factor : 0)` M1 QUANTITY OF FISH RECEIVED BY HOUSEHOLD CAN NOT BE LARGER THAN THE TOTAL CATCH THAT HAS BEEN SHARED AMONG THE GROUP MEMBERS at the end of an average cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH SHARED AMONG GROUP MEMBERS: %qty_groupshare_avgaqua%]	01 ◯ KG 02 ◯ TON 04 ◯ BAG 05 ◯ ROPE 06 ◯ FISH

S5.6bbag. How many KGs does <u>ONE %s5_avg6b%</u> contain?	NUMERIC: DECIMAL s5_avg7bbag
E `s5_avg7b.InList(4,5,6)` E1 `qty_avgaquadispo>=s5_avg6a*s5_avg6bbag` M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of an average cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_avgaquadispo%] E2 `self>0` M2 This is not possible. KG per ONE %s5_avg6b% must be larger than zero. Please check. E3 `qty_groupshare_avgaqua>=s5_avg7a*s5_avg7bbag` M3 QUANTITY OF FISH RECEIVED BY HOUSEHOLD CAN NOT BE LARGER THAN THE TOTAL CATCH THAT HAS BEEN SHARED AMONG THE GROUP MEMBERS. PLEASE CHECK. [ENUMERATOR: TOTAL CATCH SHARED AMONG GROUP MEMBERS: %qty_groupshare_avgaqua%]	- .

VARIABLE	DOUBLE qty_hhshare_avgaqu
`s5_avg7b.InList(1,2,3) ? s5_avg7a*WeightConv[(int)s5_avg7b].factor : s5_avg7a*s5_avg7bbag`	

SALES %AQUAFISH%

E `groupsales_avgaqua>0`

STATIC TEXT

According to your answer given before, you stated that you have sold %s5_avg3a% %s5_avg3b%'s of %aquafish% at the end of an average cycle.

What was the the average price PER KG of FRESH %aquafish% that you sold at the end of a %rostertitle% cycle.	NUMERIC: DECIMAL s6_avg0

I   Value in %lcu%

E1 `self>0`

M1   Respondent said to have sold %rostertitle%. Value must be larger than 0.

SPECIAL VALUES

888   DON'T KNOW PER KG PRICE. ONLY TOTAL AMOUNT

E2 `self<$err_lcu_val`

M2   This is too high. Please check.

W3 `self<$err_lcu_val ? self<$warn_lcu_val: true`

M3   This seems very high. Please check.

W4 `self<1000`

M4   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT s6_avg0u

E   `s6_avg0>0 && s6_avg0!=888`

E1 `(s6_avg0*s6_avg0u)<$err_lcu_val`

M1   This is too high. Please check.

0001000 ◯ Thousand

1000000 ◯ Million

W2 `(s6_avg0*s6_avg0u)<$warn_lcu_val`

M2   This seems very high. Please check.

E3 `(s6_avg0*s6_avg0u)<=$err_perkg`

M3   Attention. We are asking about the <u>PRICE PER KG</u>. It seems too high. Please check.

W4 `(s6_avg0*s6_avg0u)<=$warn_perkg || (s6_avg0*s6_avg0u)>=$err_perkg`

M4   Attention. We are asking about the <u>PRICE PER KG</u>. It seems very high. Please confirm.

S6.1. What was the total value of all sales of the FRESH %aquafish% harvested at the end of an average cycle?	NUMERIC: DECIMAL s6_avg0a

I   Value in %lcu%

E   `s6_avg0==888`

E1 `self>0`

M1   Respondent said to have sold %aquafish%. Value must be larger than 0.

E2 `self<$err_lcu_val`

M2   This is too high. Please check.

W3 `self<$err_lcu_val ? self<$warn_lcu_val: true`

M3   This seems very high. Please check.

W4 `self<1000`

M4   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT s6_avg0au

E   `s6_avg0a>0`

E1 `(s6_avg0a*s6_avg0au)<$err_lcu_val`

M1   This is too high. Please check.

0001000 ◯ Thousand

1000000 ◯ Million

W2 `(s6_avg0a*s6_avg0au)<$warn_lcu_val`

M2   This seems very high. Please check.

VARIABLE	DOUBLE revenue_avgaqu
`s6_avg0==888 ? s6_avg0a*s6_avg0au: (s6_avg0*s6_avg0u)*groupsales_avgaqua`	

S6.3. To whom did you sell the FRESH %aquafish% at the end of an average cycle?	MULTI-SELECT s6_avg0b 001 ☐ OTHER HOUSEHOLDS FOR THEIR OWN USE/Endconsumer 012 ☐ Auction 011 ☐ Retail market 002 ☐ SMALL-SCALE TRADER 003 ☐ LARGE-SCALE TRADER / WHOLESALER 004 ☐ IJON/TENGKULAK 005 ☐ PROCESSOR 006 ☐ DIRECT RETAILER 007 ☐ RESTAURANT 008 ☐ INSTITUTION (CHURCH, HOSPITAL, SCHOOL, OTHER) 009 ☐ NGO 010 ☐ GOVERNMENT AGENCY 999 ☐ OTHER, SPECIFY
Please specify. E s6_avg0b.Contains(999)	TEXT s6_avg0both ....
S5.3.To whom did your %fishgroup% sell the <u>LARGEST QUANTITY</u> at the end of an average cycle? F s6_avg0b.Contains(@optioncode) E s6_avg0b.Length>1	SINGLE-SELECT s6_avg0c 001 ○ OTHER HOUSEHOLDS FOR THEIR OWN USE/Endconsumer 012 ○ Auction at landing place 011 ○ Retail market 002 ○ SMALL-SCALE TRADER 003 ○ LARGE-SCALE TRADER / WHOLESALER 004 ○ IJON/TENGKULAK 005 ○ PROCESSOR 006 ○ DIRECT RETAILER 007 ○ RESTAURANT 008 ○ INSTITUTION (CHURCH, HOSPITAL, SCHOOL, OTHER) 009 ○ NGO 010 ○ GOVERNMENT AGENCY 999 ○ OTHER, SPECIFY

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / SHORT CULTIVATION / DISPOSITION OF %AQUAFISH% AT THE END OF AN AVERAGE CYCLE. / FRESH FISH USES AT THE END OF AN AVERAGE CYCLE / SALES %AQUAFISH%

Roster: BUYER
generated by fixed list   buyer_aqua1

001   OTHER HOUSEHOLDS FOR THEIR OWN USE/Endconsumer

012   Auction at landing place

011   Retail market

002   SMALL-SCALE TRADER

003   LARGE-SCALE TRADER / WHOLESALER

004   IJON/TENGKULAK

005   PROCESSOR

006   DIRECT RETAILER

007   RESTAURANT

008   INSTITUTION (CHURCH, HOSPITAL, SCHOOL, OTHER)

009   NGO

010   GOVERNMENT AGENCY

999   OTHER, SPECIFY

E `s6_avg0b.Length>1? s6_avg0c==@rowcode : s6_avg0b.Contains(@rowcode)`

| How much of %aquafish% that you sold at the end of an average cycle did you sell to %buyer_aqua1%? | NUMERIC: DECIMAL   s6_avg1a |

E `s6_avg0b.Length>1`
E1 `self > 0`
M1 The respondent indicated that he sold to this buyer. Please check.

| UNIT | SINGLE-SELECT   s6_avg1b |

E `s6_avg1a>0 && s6_avg1a!=888`
E1 `groupsales_avgaqua>qtysell_avgaqubuyer`
M1 This is not possible. Quantity sold to %buyer_aqua1% must be smaller than the TOTAL AMOUNT SOLD (%groupsales_avgaqua% KG).
W2 `qtysell_avgaqubuyer<(0.9*groupsales_avgaqua)`
M2 The fisher sold to more than one buyer. According to this answer, the largest share was sold to %buyer_aqua1%. Please confirm.

01 ◯ KG
02 ◯ TON
04 ◯ BAG
05 ◯ ROPE
06 ◯ FISH

| How many KGs does <u>ONE %s6_avg1b%</u> contain? | NUMERIC: DECIMAL   s6_avg1bbag |

E `s6_avg1b.InList(4,5,6)`
E1 `self>0`
M1 This is not possible. KG per ONE %s6_avg1b% must be larger than zero. Please check.
E2 `self<=$err_qtybag`
M2 The quantity of KG per %s6_avg1b% is too high. Please check.
E3 `groupsales_avgaqua>=qtysell_avgaqubuyer`
M3 This is not possible. Quantity sold to %buyer_aqua1% must be smaller than the TOTAL AMOUNT SOLD (%groupsales_avgaqua% KG).
E4 `qtysell_avgaqubuyer<(0.9*groupsales_avgaqua)`
M4 The fisher sold to more than one buyer. According to this answer, the largest share was sold to %buyer_aqua1%. Please confirm.

| VARIABLE | DOUBLE   qtysell_avgaqubuyer |

`s6_avg1b.InList(1,2,3) ? s6_avg1a*WeightConv[(int)s6_avg1b].factor : s6_avg1a*s6_avg1bbag`

| What was the the average price PER KG of FRESH %aquafish% that you sold to %buyer_aqua1%? | NUMERIC: DECIMAL   s6_avg2 |

I Value in %lcu%
E `s6_avg0b.Length>1`
E1 `self>0`
M1 Respondent said to have sold %rostertitle%. Value must be larger than 0.
E2 `self<$err_lcu_val`
M2 This is too high. Please check.
W3 `self<$err_lcu_val ? self<$warn_lcu_val: true`
M3 This seems very high. Please check.
W4 `self<1000`
M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU
 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees

E   `s6_avg2>0`
E1   `(s6_avg2*s6_avg2u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(s6_avg2*s6_avg2u)<$warn_lcu_val`
M2   This seems very high. Please check.
E3   `(s6_avg2*s6_avg2u)<=$err_perkg`
M3   Attention. We are asking about the <u>PRICE PER KG</u>. It seems too high. Please check.
W4   `(s6_avg2*s6_avg2u)<=$warn_perkg || (s6_avg2*s6_avg2u)>=$err_perkg`
M4   Attention. We are asking about the <u>PRICE PER KG</u>. It seems very high. Please confirm.

SINGLE-SELECT	s6_avg2u

0001000 ○ Thousand
1000000 ○ Million

Where did the transactions with this %buyer_aqua1% took place?

SINGLE-SELECT	s6_avg3

001 ○ Landing place (Private)
002 ○ Landing place (Governmental)
003 ○ Beach
004 ○ Auction
005 ○ VILLAGE MARKET (WITHIN OWN VILLAGE)
006 ○ LOCAL MARKET OUTSIDE OWN VILLAGE)
007 ○ At the Pond/Site
008 ○ In the neighborhood
009 ○ Dirumah
999 ○ Other

Please specify

E   `s6_avg3==999`

TEXT	s6_avg3oth

....

How long did it take to transport the %aquafish% to %s6_avg3%?

I   AMOUNT OF TIME
E   `s6_avg3>3`

NUMERIC: DECIMAL	s6_avg4

UNIT OF TIME

E   `s6_avg4>0`
E1   `(self==1? s6_avg4 : s6_avg4*60)<=300`
M1   It seems unlikely that it is more than 5 hours (300 minutes) away from the landing site. Please check.

SINGLE-SELECT	s6_avg4b

01 ○ Minutes
02 ○ Hours

S6.17. How many months was it before the household received the full payment from the %buyer_aqua1%?

I   REFERS TO THE AMOUNT OF TIME NEEDED UNTIL FULL PAYMENT WAS RECEIVED

NUMERIC: INTEGER	s6_avg5

SPECIAL VALUES

00   PAID RIGHT AWAY
01   WITHIN ONE MONTH
88   HAVE NOT YET BEEN PAID
89   PAYMENT RECEIVED PRIOR TO FISH DELIVERY

What PERCENTAGE of the TOTAL PROFITS FROM AN AVERAGE SHORT CULTIVATION CYCLE did your HOUSEHOLD receive?	NUMERIC: INTEGER	s7 avg1

I PLEASE ENTER THE PERCENTAG (%)
E `s2_9==2`
E1 `self<=100`
M1 It is not possible that they received more than 100%
E2 `self>0`
M2 It seems very unlikely that they received no share of the profits. Please check.

VARIABLE	DOUBLE	aquarowcode
@rowcode		

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH
Roster: CYCLE
generated by numeric question s3 1a   aquafish_cycle

VARIABLE	DOUBLE	number
@rowcode+1		

In which month did you add the fingerlings to the pond during the %number% cycle?	SINGLE-SELECT	s3_2a

-07 ◯ Februari 2017
-06 ◯ Maret 2017
-05 ◯ April 2017
-04 ◯ Mei 2017
-03 ◯ Juni 2017
-02 ◯ Juli 2017
-01 ◯ Agustus 2017
01 ◯ September 2017
02 ◯ Oktober 2017
03 ◯ November 2017
04 ◯ Desember 2017
05 ◯ Januari 2018
06 ◯ Februari 2018
07 ◯ Maret 2018
08 ◯ April 2018
09 ◯ Mei 2018

And 3 other symbols [5]

In which half of %s3_2a% did you add the fingerlings to the pond during the %number% cycle?	SINGLE-SELECT	s3 2b

01 ◯ First half
02 ◯ Second half

How many fingerlings of %aquafish% did you add to the pond during the %number%. cycle?	NUMERIC: DECIMAL	s3 3

E1 `self>0`
M1 There must be more than zero fingerlings.

UNIT	SINGLE-SELECT	s3 3b

01 ◯ KG
02 ◯ TON
04 ◯ BAG
05 ◯ ROPE
06 ◯ FISH

Approximately what percentage of %aquafish% did you loose before actually harvesting?	NUMERIC: INTEGER s3 4
I PLEASE ENTER THE PERCENTAG (%)	
E1 `self<=100`	SPECIAL VALUES
M1 It is not possible that they lost more than 100%	00 None
W2 `self<=100 ? self<=50 : true`	
M2 Are you sure that they lost %s3_4% %? This seems very high! Please confirm.	

What has been the MAIN reason for the loss?	SINGLE-SELECT s3 5
	001 ◯ Flood
E `s3_4>0`	002 ◯ Water Toxicit
	003 ◯ Theft
	004 ◯ Due to cold
	999 ◯ Other

Please specify.	TEXT s3 5oth
E `s3_5==999`	

Which feed did you give to the fish %aquafish% during this %number% cycle?	MULTI-SELECT s3 6
	300 ☐ Makan Ikan/Pelet
	301 ☐ Soybean meal
	302 ☐ Copra meal
	303 ☐ Palmmeal
	304 ☐ Duckweed
	305 ☐ Ikan Rucah
	306 ☐ Animal by-products
	307 ☐ Sekam/Dedak
	308 ☐ Worms
	309 ☐ Fresh fish fodder
	999 ☐ Other fodder

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / CYCLE
Roster: FEED
generated by multi-select question s3 6   feed_aquafish_cycle

How much of feed %rostertitle% did you give to the %aquafish% in %siteroster% during this %number%. cycle?	NUMERIC: DECIMAL s3 7
I QUANTITY	
E1 `self > 0`	
M1 The respondent said that he gave feed to the fingerlings. This value has to be larger than 0. Please check.	

UNIT	SINGLE-SELECT s3 7b
	01 ◯ KG
	02 ◯ TON
	04 ◯ BAG

How many KGs does ONE %s3_7b% contain?	NUMERIC: DECIMAL s3 7bbag
E `s3_7b==4`	
E1 `self>0`	
M1 This is not possible. KG per ONE %s3_7b% must be larger than zero. Please check.	
E2 `self<=$err_qtybag`	
M2 The quantity of KG per %s3_7b% is too high. Please check.	

UNIT	SINGLE-SELECT	s3_8c
	01 ◯ PER DAY	
	02 ◯ PER WEEK	
	03 ◯ PER MONTH	

Which antibiotics did you apply to the %aquafish% during this %number% cycle?	MULTI-SELECT	s3_8
	000 ☐ None	
	600 ☐ Powder Antibiotics	
	601 ☐ Liquid Antibiotics	
	602 ☐ Tablet Antibiotics	

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / CYCLE

Roster: ANTIBIOTICS

generated by multi-select question s3_8   vacc_aquafish_cycle

E @rowcode>0

How often did you apply %rostertitle% during this %number% cycle to %aquafish%?	NUMERIC: INTEGER	s3_9

I NUMBER OF TIMES
E1 self>0
M1 This is not possible. Respondent stated that they have applied this anti biotic. Please check.

How much of %rostertitle% did you apply to %siteroster% during this %number%. Cycle?	NUMERIC: DECIMAL	s3_10

I QUANTITY
E1 self > 0
M1 This is not possible. Respondent stated that they have applied this anti biotic. Please check.

UNIT	SINGLE-SELECT	s3_10b
	01 ◯ BOTTLE	
	02 ◯ BAG	
	03 ◯ Box	

How many KG/LITERs does ONE %s3_10b% contain?	NUMERIC: DECIMAL	s3_10bbag
	------------------------------------	

E1 self>0
M1 This is not possible. KG per ONE %s3_10b% must be larger than zero. Please check.
E2 self<=$err_qtybag
M2 The quantity of KG per %s3_10b% is too high. Please check.

UNIT	SINGLE-SELECT	s3_10bbagunit
	01 ◯ KG	
	02 ◯ LITER	
	03 ◯ MILILITER	

Did your %aquagroup% hire any adults for cultivating %aquafish% in the %number%. cycle during the %refperiod%?	SINGLE-SELECT	s4_1a
	01 ◯ Yes	
	00 ◯ No	

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / CYCLE

LABOUR FOR THIS SITE DURING %NUMBER%. CYCLE

E s4_1a==1

How many laborers did your %aquagroup% hire for this %siteroster% during this %number% cycle of %aquafish%?	NUMERIC: INTEGER	s4 1b

E1 `self > 0`
M1 This is not possible. Respondent stated that they hired labour. Please check.

How did you MAINLY pay these workers during the %number%. cycle of %aquafish% at this %siteroster%?	SINGLE-SELECT	s4 2

01 ◯ Fixed wage
02 ◯ Share of the catch/harvest
03 ◯ Cash as a share of the benefit from harvest
04 ◯ Other in-kind benefits (meals, cigarettes

On average, what was each worker paid during the %number%. cycle of %aquafish% at this %siteroster%?	NUMERIC: DECIMAL	s4 4

E `s4_2==1`
E1 `self>0`
M1 Must be larger than zero. Respondent said that they paid a fixed wage.
E2 `self<$err_lcu_val`
M2 This seems unlikely. Please check.
W3 `self<1000`
M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	s4 4u

0001000 ◯ Thousand
1000000 ◯ Million

E `s4_4>0`
E1 `(s4_4*s4_4u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(s4_4*s4_4u)<$warn_lcu_val`
M2 This seems very high. Please check.

On average, what was the cash value of any in-kind benefit such as meals, cigarettes, etc., that you paid during the %number%. cycle of %aquafish% at this %siteroster%	NUMERIC: DECIMAL	s4 5

E `s4_2==4`
E1 `self>0`
M1 Must be larger than zero. Respondent said that they paid a fixed wage.
E2 `self<$err_lcu_val`
M2 This seems unlikely. Please check.
W3 `self<1000`
M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	s4 5u

0001000 ◯ Thousand
1000000 ◯ Million

E `s4_5>0`
E1 `(s4_5*s4_5u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(s4_5*s4_5u)<$warn_lcu_val`
M2 This seems very high. Please check.

What were the total cost that you had for <u>ELECTRICITY</u> at %siteroster% for %aquafish% during the %number% cycle?	NUMERIC: DECIMAL	s4 8a

W1 `self<1000`
M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

SPECIAL VALUES
00 NO COSTS FOR ELECTRICITY

Unit of amount in Rupees

E `s4_8a>0`
E1 `(s4_8a*s4_8au)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(s4_8a*s4_8au)<$warn_lcu_val`
M2 This seems very high. Please check.

SINGLE-SELECT	s4_8au
0001000 ◯ Thousand	
1000000 ◯ Million	

What were the total cost that you had for OTHER UTILITIES at %siteroster% for %aquafish% during the %number% cycle?

W1 `self<1000`
M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU
1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL s4_8b

- -

SPECIAL VALUES

00 NO OTHER COSTS

Unit of amount in Rupees

E `s4_8b>0`
E1 `(s4_8b*s4_8bu)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(s4_8b*s4_8bu)<$warn_lcu_val`
M2 This seems very high. Please check.

SINGLE-SELECT	s4_8bu
0001000 ◯ Thousand	
1000000 ◯ Million	

How much of %aquafish% did you catch/harvest from %siteroster% at the end of the %number%. cycle?

I QUANTITY

NUMERIC: INTEGER s5_1a

- -

UNIT

E `s5_1a>0`

SINGLE-SELECT	s5_1b
01 ◯ KG	
02 ◯ TON	
04 ◯ BAG	
05 ◯ ROPE	
06 ◯ FISH	

How many KGs does ONE %s5_1b% contain?

E `s5_1b.InList(4,5,6)`
E1 `self>0`
M1 This is not possible. KG per ONE %s5_1b% must be larger than zero. Please check.
E2 `self<=$err_qtybag`
M2 The quantity of KG per %s5_1b% is too high. Please check.

NUMERIC: DECIMAL s5_1bbag

- -

In which month did you HARVEST the %aquafish% during the %number% cycle? F s3_2a<=0 ? @optioncode>=1 : @optioncode>=s3_2a	SINGLE-SELECT s5_0a 88 ◯ Every week/month -07 ◯ Februari 2017 -06 ◯ Maret 2017 -05 ◯ April 2017 -04 ◯ Mei 2017 -03 ◯ Juni 2017 -02 ◯ Juli 2017 -01 ◯ Agustus 2017 01 ◯ September 2017 02 ◯ Oktober 2017 03 ◯ November 2017 04 ◯ Desember 2017 05 ◯ Januari 2018 06 ◯ Februari 2018 07 ◯ Maret 2018 08 ◯ April 2018 And 4 other symbols [6]
In which half of %s5_0a% did you HARVEST the %aquafish% during the %number% cycle? E s5_0a!=-88	SINGLE-SELECT s5_0b 01 ◯ First half 02 ◯ Second half
VARIABLE s5_1b.InList(1,2,3) ? s5_1a*WeightConv[(int)s5_1b].facto r : s5_1a*s5_1bbag	DOUBLE aquafish harvest

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / CYCLE
DISPOSITION OF %AQUAFISH% AT THE END OF THE %NUMBER%. CYCLE.

E aquafish_harvest>0

Approximately what percentage of %aquafish% was lost to rotting, insects, rodents, theft, etc AFTER HARVESTING AND BEFORE DEDICATING IT TO SPECIFIC USES? I PLEASE ENTER THE PERCENTAG (%) E1 self<=100 M1 It is not possible that they lost more than 100% W2 self<=100 ? self<=50 : true M2 Are you sure that they lost %s5_2a% %? This seems very high! Please confirm.	NUMERIC: DECIMAL s5_2a - . SPECIAL VALUES 00 None
VARIABLE Convert.ToInt16(((((double)((double)s5_2a/ 100))*aquafish _harvest))	DOUBLE aquafish loss

STATIC TEXT

BASED ON PERCENTAGE:

QUANTITY LOST AFTER HARVEST: %aquafish_loss% KG

VARIABLE aquafish_harvest-(new[]{aquafish_loss}.Sum())	DOUBLE qty aquadispo

S5.3. What were the reasons for the loss in the post-harvest period?	MULTI-SELECT	s5 3

I Select up to two
E s5_2a>0

001 ☐ Rotting
002 ☐ Insects
003 ☐ Animal Damage
004 ☐ Theft
005 ☐ No Cooling facilities
999 ☐ Other, specify

Please specify other.

E s5_3.Contains(999)

TEXT   s5_3oth

....

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / CYCLE / DISPOSITION OF %AQUAFISH% AT THE END OF THE %NUMBER%. CYCLE.

FRESH FISH USES AT THE END OF THE %NUMBER%. CYCLE

E qty_aquadispo!=0

STATIC TEXT

Total amount available after harvest and losses: %qty_aquadispo% KG. at the end of the %number%. cycle.

I would like to know about your activities/handling of the FRESH %aquafish% after you harvested it.

Of the %qty_aquadispo% KG of %aquafish%:
How much was USED FOR HOME CONSUMPTION?

E s2_9==1

NUMERIC: DECIMAL   s8hh 7a

-----------------------------------·

S8.7b. UNIT

E s8hh_7a>0 && s8hh_7a!=888
E1 qty_aquadispo>=(s8hh_7b.InList(1,2,3) ? s8hh_7a*WeightConv[(int)s8hh_7b].factor : (int)0)
M1 QUANTITY CAN NOT BE LARGER THAN TOTAL HARVEST. [ENUMERAT OR: TOTAL HARVEST: %qty_aquadispo%]

SINGLE-SELECT   s8hh 7b

01 ○ KG
02 ○ TON
04 ○ BAG
05 ○ ROPE
06 ○ FISH

S8.7bbag. How many KGs does ONE %s8hh_7b% contain?

E s8hh_7b.InList(4,5,6)
E1 qty_aquadispo>=s8hh_7a*s8hh_7bbag
M1 QUANTITY CAN NOT BE LARGER THAN TOTAL HARVEST. [ENUMERAT OR: TOTAL HARVEST AFTER LOSSES: %qty_aquadispo%]
E2 self>0
M2 This is not possible. KG per ONE %s8hh_7b% must be larger than zero. Please check.
E3 self<=$err_qtybag
M3 The quantity of KG per %s8hh_7b% is too high. Please check.

NUMERIC: DECIMAL   s8hh 7bbag

-----------------------------------·

VARIABLE

s8hh_7b.InList(1,2,3) ? s8hh_7a*WeightConv[(int)s8hh_7b].factor : s8hh_7a*s8hh_7bbag

DOUBLE   hhconsum aqu

Of the %qty_aquadispo% KG of %aquafish%:
How much was SOLD BY YOUR %fishgroup% ?

I QUANTITY. REFERS TO THE QUANTITY OF GROUP SALES. DO NOT COUNT INDIVIDUAL SALES.

NUMERIC: DECIMAL   s5 3a

-----------------------------------·

S5.3b. UNIT

E	`s5_3a>0 && s5_3a!=888`
E1	`qty_aquadispo>=(s5_3b.InList(1,2,3) ? s5_3a*WeightConv[(int)s5_3b].factor : (int)0)`
M1	QUANTITY OF GROUP SALES CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of the %number%. cycle PLEASE CHECK [ENUMERATOR: TOTAL CATCH IS: %qty_aquadispo%]

SINGLE-SELECT   s5_3b

- 01 ○ KG
- 02 ○ TON
- 04 ○ BAG
- 05 ○ ROPE
- 06 ○ FISH

S5.3bbag. How many KGs does ONE %s5_3b% contain?

E	`s5_3b.InList(4,5,6)`
E1	`qty_aquadispo>=s5_3a*s5_3bbag`
M1	QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of the %number%. cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_aquadispo%]
E2	`self>0`
M2	This is not possible. KG per ONE %s5_3b% must be larger than zero. Please check.
E3	`self<=$err_qtybag`
M3	The quantity of KG per %s5_3b% is too high. Please check.

NUMERIC: DECIMAL   s5_3bbag

VARIABLE

`s5_3b.InList(1,2,3) ? s5_3a*WeightConv[(int)s5_3b].factor : s5_3a*s5_3bbag`

DOUBLE   groupsales_aqua

Of the %qty_aquadispo% KG of %aquafish%: How much was SHARED AMONG YOUR GROUP MEMBERS.?

I	QUANTITY
E	`qty_aquadispo>new[]{hhconsum_aqu,groupsales_aqua}.Sum()`

NUMERIC: DECIMAL   s5_5a

S5.5b. UNIT

E	`s5_5a>0 && s5_5a!=888`
E1	`qty_aquadispo>=(s5_5b.InList(1,2,3) ? s5_5a*WeightConv[(int)s5_5b].factor : 0)`
M1	QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of the %number%. cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_aquadispo%]

SINGLE-SELECT   s5_5b

- 01 ○ KG
- 02 ○ TON
- 04 ○ BAG
- 05 ○ ROPE
- 06 ○ FISH

S5.5bbag. How many KGs does ONE %s5_5b% contain?

E	`s5_5b.InList(4,5,6)`
E1	`qty_aquadispo>=s5_5a*s5_5bbag`
M1	QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of the %number%. cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_aquadispo%]
E2	`self>0`
M2	This is not possible. KG per ONE %s5_5b% must be larger than zero. Please check.
E3	`self<=$err_qtybag`
M3	The quantity of KG per %s5_5b% is too high. Please check.

NUMERIC: DECIMAL   s5_5bbag

VARIABLE

`s5_5b.InList(1,2,3) ? s5_5a*WeightConv[(int)s5_5b].factor : s5_5a*s5_5bbag`

DOUBLE   qty_groupshare_aqua

Of the %qty_aquadispo% KG of %aquafish%: How much was GIVEN TO LABORERS AS A TYPE OF PAYMENT.?

I	QUANTITY
E	`qty_aquadispo>new[]{hhconsum_aqu,groupsales_aqua,qty_groupshare_aqua}.Sum() && IsAnswered(s5_5a) && s4_2==2`

NUMERIC: DECIMAL   s5_8a

S5.8b. UNIT

E `s5_8a>0 && s5_8a!=888`
E1 `qty_aquadispo>=(s5_8b.InList(1,2,3) ? s5_8a*WeightConv[(int)s5_8b].factor : 0)`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of the %number%. cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_aquadispo%]

SINGLE-SELECT   s5_8b

- 01 ◯ KG
- 02 ◯ TON
- 04 ◯ BAG
- 05 ◯ ROPE
- 06 ◯ FISH

S5.8bbag. How many KGs does ONE %s5_8b% contain?

E `s5_8b.InList(4,5,6)`
E1 `qty_aquadispo>=s5_8a*s5_8bbag`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of the %number%. cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_aquadispo%]
E2 `self>0`
M2 This is not possible. KG per ONE %s5_8b% must be larger than zero. Please check.
E3 `self<=$err_qtybag`
M3 The quantity of KG per %s5_8b% is too high. Please check.

NUMERIC: DECIMAL   s5_8bbag

`- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - .`

VARIABLE

`s5_8b.InList(1,2,3) ? s5_8a*WeightConv[(int)s5_8b].factor : s5_8a*s5_8bbag`

DOUBLE   qty_grouplabor_aqua

Of the %qty_aquadispo% KG of %aquafish%: how much was dedicated to ANY OTHER ACTIVITY ?

I QUANTITY
E `qty_aquadispo>new[]{hhconsum_aqu,groupsales_aqua, qty_groupshare_aqua}.Sum() && IsAnswered(s5_5a)`

NUMERIC: DECIMAL   s5_6a

`- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - .`

S5.6b. UNIT

E `s5_6a>0 && s5_6a!=888`
E1 `qty_aquadispo>=(s5_6b.InList(1,2,3) ? s5_6a*WeightConv[(int)s5_6b].factor : 0)`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of the %number%. cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_aquadispo%]

SINGLE-SELECT   s5_6b

- 01 ◯ KG
- 02 ◯ TON
- 04 ◯ BAG
- 05 ◯ ROPE
- 06 ◯ FISH

S5.6bbag. How many KGs does ONE %s5_6b% contain?

E `s5_6b.InList(4,5,6)`
E1 `qty_aquadispo>=s5_6a*s5_6bbag`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of the %number%. cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_aquadispo%]
E2 `self>0`
M2 This is not possible. KG per ONE %s5_6b% must be larger than zero. Please check.
E3 `self<=$err_qtybag`
M3 The quantity of KG per %s5_6b% is too high. Please check.

NUMERIC: DECIMAL   s5_6bbag

VARIABLE

`s5_6b.InList(1,2,3) ? s5_6a*WeightConv[(int)s5_6b].factor : s5_6a*s5_6bbag`

DOUBLE   qty_groupother_aqua

VARIABLE

`new[]{hhconsum_aqu, groupsales_aqua,qty_groupshare_aqua, qty_groupother_aqua,qty_grouplabor_aqua}.Sum()`

DOUBLE   sum_use_aqua

STATIC TEXT

E `IsAnswered(s5_3a) && qty_aquadispo<sum_use_aqua`
V1 `false`

THE TOTAL SUM OF USE IS LARGER THAN THE TOTAL AMOUNT OF %aquafish% HARVESTED FROM THIS %siteroster% AT THE END OF THE %number%. CYCLE.

TOTAL QUANTITY AFTER HARVEST AND LOSSES: %qty_aquadispo% KG.

TOTAL SUM OF USE: %sum_use_aqua% KG

PLEASE CHECK HARVEST OR THIS USE SECTION.

STATIC TEXT

E `IsAnswered(s5_6a) && !sum_use_aqua.InRange((0.95*qty_aquadispo),qty_aquadispo)`

V1 `false`

ATTENTION!
THE TOTAL QUANTITY OF %rostertitle% <u>USES</u> IS SIGNIFICANTLY LOWER THAN THE TOTAL QUANTITY AVAILABLE AFTER HARVEST AT THE END OF %number%. CYCLE.

QUANTITY AVAILABLE AFTER HARVEST AND LOSSES: %qty_aquadispo%
CURRENT AMOUNT OF USES: %sum_use_aqua%
PLEASE CHECK AND CORRECT.

STATIC TEXT

THE TOTAL SUM OF USE OF %aquafish% HARVESTED FROM THIS %siteroster% AT THE END OF THE %number%. CYCLE: %sum_use_aqua% KG.

STATIC TEXT

E `qty_groupshare_aqua>0`

You stated that the group shared %qty_groupshare_aqua% among your members.

S5.6a. Of the %qty_groupshare_aqua% KG of FRESH %aquafish% shared at the end of the %number%. cycle, how much did <u>YOUR HOUSEHOLD RECEIVE?</u> ?	NUMERIC: DECIMAL s5_7a
I QUANTITY	-- .
E `qty_groupshare_aqua>0`	
W1 `self>0`	
M1 This is very unlikely. Why should the household not receive anything?	

S5.6b. UNIT	SINGLE-SELECT s5_7b
E `IsAnswered(s5_7a)`	01 ◯ KG
E1 `qty_groupshare_aqua>=(s5_7b.InList(1,2,3) ? s5_7a*WeightConv[(int)s5_7b].factor : 0)`	02 ◯ TON
M1 QUANTITY OF FISH RECEIVED BY HOUSEHOLD CAN NOT BE LARGER THAN THE TOTAL CATCH THAT HAS BEEN SHARED AMONG THE GROUP MEMBERS at the end of the %number%. cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH SHARED AMONG GROUP MEMBERS: %qty_groupshare_aqua%]	04 ◯ BAG 05 ◯ ROPE 06 ◯ FISH

S5.6bbag. How many KGs does <u>ONE %s5_7b%</u> contain?	NUMERIC: DECIMAL s5_7bbag
E `s5_7b.InList(4,5,6)`	-- .
E1 `qty_aquadispo>=s5_6a*s5_6bbag`	
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL CATCH at the end of the %number%. cycle PLEASE CHECK. [ENUMERATOR: TOTAL CATCH IS: %qty_aquadispo%]	
E2 `self>0`	
M2 This is not possible. KG per ONE %s5_6b% must be larger than zero. Please check.	
E3 `qty_groupshare_aqua>=s5_7a*s5_7bbag`	
M3 QUANTITY OF FISH RECEIVED BY HOUSEHOLD CAN NOT BE LARGER THAN THE TOTAL CATCH THAT HAS BEEN SHARED AMONG THE GROUP MEMBERS. PLEASE CHECK. [ENUMERATOR: TOTAL CATCH SHARED AMONG GROUP MEMBERS: %qty_groupshare_aqua%]	

VARIABLE	DOUBLE qty_hhshare_aqu
`s5_7b.InList(1,2,3) ? s5_7a*WeightConv[(int)s5_7b].factor : s5_7a*s5_7bbag`	

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / CYCLE / DISPOSITION OF %AQUAFISH% AT THE END OF THE %NUMBER%. CYCLE. / FRESH FISH USES AT THE END OF THE %NUMBER%. CYCLE

SALES %AQUAFISH%

E `groupsales_aqua>0`

STATIC TEXT

According to your answer given before, you stated that your GROUP has sold %s5_3a% %s5_3b%'s of %aquafish% at the end of the %number%. cycle.

## What was the the average price PER KG of FRESH %aquafish% that you sold at the end of %number%. cycle?	NUMERIC: DECIMAL	s6_1

I Value in %lcu%

E1 `self>0`

M1 Respondent said to have sold %rostertitle%. Value must be larger than 0.

E2 `self<$err_lcu_val`

M2 This is too high. Please check.

W3 `self<$err_lcu_val ? self<$warn_lcu_val: true`

M3 This seems very high. Please check.

W4 `self<1000`

M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

SPECIAL VALUES

888 DON'T KNOW PER KG PRICE. ONLY TOTAL AMOUNT

## Unit of amount in Rupees	SINGLE-SELECT	s6_1u

E `s6_1>0 && s6_1!=888`

E1 `(s6_1*s6_1u)<$err_lcu_val`

M1 This is too high. Please check.

W2 `(s6_1*s6_1u)<$warn_lcu_val`

M2 This seems very high. Please check.

E3 `(s6_1*s6_1u)<=$err_perkg`

M3 Attention. We are asking about the <u>PRICE PER KG</u>. It seems too high. Please check.

W4 `((s6_1*s6_1u))<=$warn_perkg || ((s6_1*s6_1u))>=$err_perkg`

M4 Attention. We are asking about the <u>PRICE PER KG</u>. It seems very high. Please confirm.

0001000 ◯ Thousand
1000000 ◯ Million

## S6.1. What was the total value of all sales of the FRESH %aquafish% harvested at the end of the %number%. cycle?	NUMERIC: DECIMAL	s6_1a

I Value in %lcu%

E `s6_1==888`

E1 `self>0`

M1 Respondent said to have sold %aquafish%. Value must be larger than 0.

E2 `self<$err_lcu_val`

M2 This is too high. Please check.

W3 `self<$err_lcu_val ? self<$warn_lcu_val: true`

M3 This seems very high. Please check.

W4 `self<1000`

M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

## Unit of amount in Rupees	SINGLE-SELECT	s6_1au

E `s6_1a>0`

E1 `(s6_1a*s6_1au)<$err_lcu_val`

M1 This is too high. Please check.

W2 `(s6_1a*s6_1au)<$warn_lcu_val`

M2 This seems very high. Please check.

0001000 ◯ Thousand
1000000 ◯ Million

VARIABLE	DOUBLE	revenue_aqu
`s6_1==888 ? s6_1a*s6_1au: (s6_1*s6_1u)*groupsales_aqua`		

S6.3. To whom did you sell the FRESH %aquafish% at the end of the %number%. cycle?	MULTI-SELECT s6_3
	001 ☐ OTHER HOUSEHOLDS FOR THEIR OWN USE/Endconsumer
	011 ☐ Retail market
	002 ☐ SMALL-SCALE TRADER
	003 ☐ LARGE-SCALE TRADER / WHOLESALER
	004 ☐ IJON/TENGKULAK
	005 ☐ PROCESSOR
	006 ☐ DIRECT RETAILER
	007 ☐ RESTAURANT
	010 ☐ GOVERNMENT AGENCY
	999 ☐ OTHER, SPECIFY

S5.3. To whom did you sell the <u>LARGEST QUANTITY</u> at the end of the %number%. cycle? F s6_3.Contains(@optioncode) E s6_3.Length>1	SINGLE-SELECT s6_3b
	001 ○ OTHER HOUSEHOLDS FOR THEIR OWN USE/Endconsumer
	011 ○ Retail market
	002 ○ SMALL-SCALE TRADER
	003 ○ LARGE-SCALE TRADER / WHOLESALER
	004 ○ IJON/TENGKULAK
	005 ○ PROCESSOR
	006 ○ DIRECT RETAILER
	007 ○ RESTAURANT
	010 ○ GOVERNMENT AGENCY
	999 ○ OTHER, SPECIFY

Please specify. E s6_3.Contains(999)	TEXT s6_3oth ....

[S] AQUACULTURE / SITE CHARACTERISTICS / FISH / CYCLE / DISPOSITION OF %AQUAFISH% AT THE END OF THE %NUMBER%. CYCLE. / FRESH FISH USES AT THE END OF THE %NUMBER%. CYCLE / SALES %AQUAFISH%

BUYER

How much of %aquafish% that you sold at the end of the %number%. Cycle did you sell to %buyer_aqua%? E s6_3.Length>1 E1 self > 0 M1 The respondent indicated that he sold to this buyer. Please check.	NUMERIC: DECIMAL s6aqugrp_1a - .

UNIT E s6aqugrp_1a>0 && s6aqugrp_1a!=888 E1 groupsales_aqua>qtysell_aqubuyer M1 This is not possible. Quantity sold to %buyer_aqua% must be smaller than the TOTAL AMOUNT SOLD (%groupsales_aqua% KG). E2 qtysell_aqubuyer<(0.9*groupsales_aqua) M2 The fisher sold to more than one buyer. According to this answer, the largest share was sold to %buyer_aqua%. Please confirm.	SINGLE-SELECT s6aqugrp_1b 01 ○ KG 02 ○ TON 04 ○ BAG 05 ○ ROPE 06 ○ FISH

How many KGs does ONE %s6aqugrp_1b% contain?	NUMERIC: DECIMAL s6aqugrp 1bbag

E   `s6aqugrp_1b.InList(4,5,6)`
E1   `self>0`
M1   This is not possible. KG per ONE %s6aqugrp_1b% must be larger than zero. Please check.
E2   `self<=$err_qtybag`
M2   The quantity of KG per %s6aqugrp_1b% is too high. Please check.
E3   `groupsales_aqua>qtysell_aqubuyer`
M3   This is not possible. Quantity sold to %buyer_aqua% must be smaller than the TOTAL AMOUNT SOLD (%groupsales_aqua% KG).
E4   `qtysell_aqubuyer<(0.9*groupsales_aqua)`
M4   The fisher sold to more than one buyer. According to this answer, the largest share was sold to %buyer_aqua%. Please confirm.

VARIABLE	DOUBLE qtysell_aqubuyer

`s6aqugrp_1b.InList(1,2,3) ? s6aqugrp_1a*WeightConv[(int) s6aqugrp_1b].factor : s6aqugrp_1a*s6aqugrp_1bbag`

What was the the average price PER KG of FRESH %aquafish% that you sold to %buyer_aqua%?	NUMERIC: DECIMAL s6aqugrp_2

I   Value in %lcu%
E   `s6_3.Length>1`
E1   `self>0`
M1   Respondent said to have sold %rostertitle%. Value must be larger than 0.
E2   `self<$err_lcu_val`
M2   This is too high. Please check.
W3   `self<$err_lcu_val ? self<$warn_lcu_val: true`
M3   This seems very high. Please check.
W4   `self<1000`
M4   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT s6aqugrp 2u
	0001000 ○ Thousand
	1000000 ○ Million

E   `s6aqugrp_2>0`
E1   `(s6aqugrp_2*s6aqugrp_2u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(s6aqugrp_2*s6aqugrp_2u)<$warn_lcu_val`
M2   This seems very high. Please check.
E3   `(s6aqugrp_2*s6aqugrp_2u)<=$err_perkg`
M3   Attention. We are asking about the <u>PRICE PER KG</u>. It seems too high. Please check.
W4   `(s6aqugrp_2*s6aqugrp_2u)<=$warn_perkg || (s6aqugrp_2*s6aqugrp_2u)>=$err_perkg`
M4   Attention. We are asking about the <u>PRICE PER KG</u>. It seems very high. Please confirm.

Where did the transactions with this %buyer_aqua% took place?	SINGLE-SELECT s6aqugrp_3
	001 ○ Landing place (Private)
	002 ○ Landing place (Governmental)
	003 ○ Beach
	004 ○ Auction
	005 ○ VILLAGE MARKET (WITHIN OWN VILLAGE)
	006 ○ LOCAL MARKET OUTSIDE OWN VILLAGE)
	007 ○ AT THE POND/SITE
	008 ○ In the neighborhood
	009 ○ Dirumah
	999 ○ OTHER

Please specify E `s6aqugrp_3==999`	TEXT `s6aqugrp_3oth` ....
How long did it take to transport the %aquafish% to %s6aqugrp_3%? I AMOUNT OF TIME E `s6aqugrp_3!=7`	NUMERIC: DECIMAL `s6aqugrp_4` --------------------------------
UNIT OF TIME E `s6aqugrp_4>0` E1 `(self==1? s6aqugrp_4 : s6aqugrp_4*60)<=300` M1 It seems unlikely that it is more than 5 hours (300 minutes) away from the landing site. Please check.	SINGLE-SELECT `s6aqugrp_4b` 01 ◯ Minutes 02 ◯ Hours
S6.17. How many months was it before the household received the full payment from the %buyer_aqua%? I REFERS TO THE AMOUNT OF TIME NEEDED UNTIL FULL PAYMENT WAS RECEIVED	NUMERIC: INTEGER `s6aqugrp_5` -------------------------------- SPECIAL VALUES 00 PAID RIGHT AWAY 01 WITHIN ONE MONTH 88 HAVE NOT YET BEEN PAID 89 PAYMENT RECEIVED PRIOR TO FISH DELIVERY
VARIABLE `""`	STRING `buyer_aqua`
What <u>PERCENTAGE</u> of the <u>TOTAL PROFITS FROM THIS %number%. CULTIVATION CYCLE</u> did your HOUSEHOLD receive? I PLEASE ENTER THE PERCENTAG (%) E `s2_9==2` E1 `self<=100` M1 It is not possible that they received more than 100% E2 `self>0` M2 It seems very unlikely that they received no share of the profits. Please check.	NUMERIC: INTEGER `s6_9` --------------------------------
VARIABLE `s2_3a*AreaConv[(int)s2_3b].factor`	DOUBLE `area_site`

[S] AQUACULTURE
AQUACULTURE INPUTS

E `IsAnswered(s2_1) && siteroster.All(t=>IsAnswered(t.s2_type))`

[S] AQUACULTURE / AQUACULTURE INPUTS
Roster: INPUT
generated by fixed list   `input_rosters1`

100 Bawal Bintang Muda

101 Campuran dari ikan-ikan kecil Muda

102 Carp Muda

103 Gabus Muda

104 Ikan Bandeng Muda

105 Ikan Lele Muda

106 Ikan Mujair Muda

107	Kakap Muda
108	Kakap putih Muda
109	Kepiting Muda
110	Kerang laut Muda
111	Kerapu Muda
112	Koi Muda
113	Rumput laut Muda
114	Tilapia Muda
115	Toman Muda
116	Udang Muda
117	Aquarium/Ornamental Fish Muda
900	Lainnya 1 Muda
901	Lainnya 2 Muda
902	Lainnya 3 Muda
903	Lainnya 4 Muda
600	Powder Antibiotics
601	Liquid Antibiotics
602	Tablet Antibiotics
300	Makan Ikan/Pelet
301	Soybean meal
302	Copra meal
303	Palmmeal
304	Duckweed
305	Ikan Rucah
306	Animal by-products
307	Sekam/Dedak
308	Worms
309	Fresh fish fodder
999	Other fodder

E `siteroster.Any(x=>x.aquafish.Any(t=>t.aquafish_cycle.Any(e=>e.s3_6.Contains(@rowcode)))) || siteroster.Any(x=>x.aqua fish.Any(t=>t.aquafish_cycle.Any(e=>e.s3_8.Contains(@rowcode)))) || siteroster.Any(x` And 31 other symbols [3]

S7.1. Did you or anyone in your group purchase any %rostertitle% during %refperiod%?	SINGLE-SELECT	s7_1
	01 ◯ Yes	
	00 ◯ No	

S7.2. How many times did you purchase %rostertitle% during %refperiod%?	NUMERIC: INTEGER	s7_2
	- .	

E `s7_1==1`
E1 `self.InRange(0,20)`
M1 This seems unlikely. Please check.
E2 `self>0`
M2 This is not possible. Respondent stated to have purchased this input. Quantity must be larger than zero.

From whom did you buy %input_rosters1% during %refperiod%?	SINGLE-SELECT	s7_3a

I QUANTITY
E s7_2==1
E1 self>0
M1 This is not possible. Respondent stated to have purchased this input. Quantity must be larger than zero.

- 001 ○ OTHER HOUSEHOLDS
- 012 ○ AUCTION
- 011 ○ RETAIL MARKET
- 002 ○ SMALL-SCALE TRADER
- 003 ○ LARGE-SCALE TRADER / WHOLESALER
- 004 ○ IJON/TENGKULAK
- 005 ○ PROCESSOR
- 006 ○ DIRECT RETAILER
- 008 ○ INSTITUTION (CHURCH, HOSPITAL, SCHOOL, OTHER)
- 009 ○ NGO
- 010 ○ GOVERNMENT AGENCY
- 999 ○ OTHER, SPECIFY

Specify location of input purchase

E s7_3a == 999

TEXT s7_3aothr

....

From whom did you buy THE LARGEST QUANTITY of %input_rosters1% during %refperiod%?

E s7_2>1

SINGLE-SELECT s7_3b

- 001 ○ OTHER HOUSEHOLDS
- 012 ○ AUCTION
- 011 ○ RETAIL MARKET
- 002 ○ SMALL-SCALE TRADER
- 003 ○ LARGE-SCALE TRADER / WHOLESALER
- 004 ○ IJON/TENGKULAK
- 005 ○ PROCESSOR
- 006 ○ DIRECT RETAILER
- 008 ○ INSTITUTION (CHURCH, HOSPITAL, SCHOOL, OTHER)
- 009 ○ NGO
- 010 ○ GOVERNMENT AGENCY
- 999 ○ OTHER, SPECIFY

Specify location of largest input purchase

E s7_3b == 999

TEXT s7_3bothr

....

VARIABLE
""

STRING seller

Where did the transactions with the %seller% place?

E s7_1==1

SINGLE-SELECT s7_4

- 001 ○ Landing place (Private)
- 002 ○ Landing place (Governmental)
- 003 ○ Beach
- 004 ○ Auction
- 005 ○ VILLAGE MARKET (WITHIN OWN VILLAGE)
- 006 ○ LOCAL MARKET OUTSIDE OWN VILLAGE
- 007 ○ AT THE SELLER
- 008 ○ Dirumah
- 999 ○ OTHER

Please specify

E s7_4==999

TEXT s7_4oth

....

How much of %input_rosters1% did you buy in the LARGEST TRANSACTION from %seller%?	NUMERIC: DECIMAL	s7_5

I AMOUNT
E s7_1==1

S5.6b. UNIT	SINGLE-SELECT	s7_5b

E s7_5>0

01 ◯ KG
02 ◯ TON
04 ◯ BAG
05 ◯ ROPE
06 ◯ FISH
07 ◯ LITER
08 ◯ MILILITER

S5.6bbag. How many KGs does ONE %s7_5b% contain?	NUMERIC: DECIMAL	s7_5bbag

E s7_5b.InList(4,5,6)
E1 self>0
M1 This is not possible. KG per ONE %s7_5b% must be larger than zero. Please check.

How much did you pay to buy %s7_5% %s7_5b% of %input_rosters1% at the %seller%?	NUMERIC: INTEGER	s7_6

I In %lcu%
E s7_1==1
W1 self<1000
M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	s7_6u

E s7_6>0
E1 (s7_6*s7_6u)<$err_lcu_val
M1 This is too high. Please check.
W2 (s7_6*s7_6u)<$warn_lcu_val
M2 This seems very high. Please check.

0001000 ◯ Thousand
1000000 ◯ Million

How long did it take to transport the %input_rosters1% from the %seller% to you?	NUMERIC: DECIMAL	s7_7

I AMOUNT OF TIME
E s7_1==1

UNIT OF TIME	SINGLE-SELECT	s7_7b

E s7_1==1
E1 (self==1? s7_7 : s7_7*60)<=600
M1 It seems unlikely that it is more than 10 hours away. Please check.

01 ◯ Minutes
02 ◯ Hours

How much did you receive of %rostertitle% as part of a subsidy program?	NUMERIC: INTEGER	s7_8

SPECIAL VALUES
00 None

S5.6b. UNIT E `s7_8>0`	SINGLE-SELECT s7_8b 01 ◯ KG 02 ◯ TON 04 ◯ BAG 05 ◯ ROPE 06 ◯ FISH 07 ◯ LITER 08 ◯ MILILITER
S5.6bbag. How many KGs does <u>ONE %s7_8b%</u> contain? E `s7_8b.InList(4,5,6)` E1 `self>0` M1 This is not possible. KG per ONE %s7_8b% must be larger than zero. Please check.	NUMERIC: DECIMAL s7_8bbag ------------------------------
How much did you have to pay for %s7_8% %s7_8b% of %rostertitle% as part of a subsidy program in %lcu%? W1 `self<1000` M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA	NUMERIC: INTEGER s7_9 ------------------------------ SPECIAL VALUES 00 **None**
Unit of amount in Rupees E `s7_9>0` E1 `(s7_9*s7_9u)<$err_lcu_val` M1 This is too high. Please check. W2 `(s7_9*s7_9u)<$warn_lcu_val` M2 This seems very high. Please check.	SINGLE-SELECT s7_9u 0001000 ◯ Thousand 1000000 ◯ Million
S7.13a. How much %rostertitle% was received for free? I QUANTITY	NUMERIC: DECIMAL s7_10 ------------------------------
S5.6b. UNIT E `s7_10>0`	SINGLE-SELECT s7_10b 01 ◯ KG 02 ◯ TON 04 ◯ BAG 05 ◯ ROPE 06 ◯ FISH 07 ◯ LITER 08 ◯ MILILITER
S5.6bbag. How many KGs does <u>ONE %s7_10b%</u> contain? E `s7_10b.InList(4,5,6)` E1 `self>0` M1 This is not possible. KG per ONE %s7_10b% must be larger than zero. Please check.	NUMERIC: DECIMAL s7_10bbag ------------------------------
S7.14. Please select up to three types of party that provided free %rostertitle%, in order of importance. E `s7_10>0`	MULTI-SELECT: ORDERED s7_14 001 ☐ OTHER FISHER/ HOUSEHOLD 002 ☐ AQUACULTURAL INPUT DEALER 003 ☐ COOPERATIVE 004 ☐ GOVERNMENT AGENCY 005 ☐ NGO 999 ☐ OTHER

Please specify	TEXT	s7_14oth
E s7_14.Contains(999)		
	....	

[T] FISH PROCESSING

Who in the household was leading the processing of fish during %refperiod% ? E t1_1==1	SINGLE-SELECT: LINKED	t2_2
For how many years is %t2_2% involved in processing fish? E t1_1==1 E1 self<90 M1 This seems unlikely. Please check. E2 self<hh_oldest M2 This is not possible. There is noone that old in the household! Please check.	NUMERIC: INTEGER ---------------------------- SPECIAL VALUES 00 Within the last 12 months	t2_5
Is there any other household member involved in processing fish?	SINGLE-SELECT 01 ◯ Yes 00 ◯ No	t2_3a
Which other household members have been involved in processing fish during %refperiod%? F !t2_2.Contains(@rowcode) E t1_1==1 && t2_3a==1	MULTI-SELECT: LINKED	t2_3
During %refperiod%, which months have you or any other member of your household been involved in processing fish? E t1_1==1 E1 self.ContainsOnly(0) || !self.Contains(0) M1 These answers exclude each other. Please check.	MULTI-SELECT 00 ☐ Every month of the year 01 ☐ September 2017 02 ☐ Oktober 2017 03 ☐ November 2017 04 ☐ Desember 2017 05 ☐ Januari 2018 06 ☐ Februari 2018 07 ☐ Maret 2018 08 ☐ April 2018 09 ☐ Mei 2018 10 ☐ Juni 2018 11 ☐ Juli 2018 12 ☐ Agustus 2018	t2_6
Whom do you process fish with? E t1_1==1	SINGLE-SELECT 01 ◯ Only with member of this household 02 ◯ Also with non-household members	t2_4a
How many MALES outside of your household are involved in processing fish? I DOES NOT INCLUDE WAGE LABOR E t2_4a==2	NUMERIC: INTEGER ----------------------------	t2_4b

How many FEMALES outside of your household are involved in processing fish?	NUMERIC: INTEGER	t2_4c
I DOES NOT INCLUDE WAGE LABOR	- -	
E t2_4a==2		

For how many years do you process fish with other people?	NUMERIC: INTEGER	t2_4d
I NUMBER OF YEARS	- -	
E t2_4a==2	SPECIAL VALUES 00 Within the last 12 months	

Is the composition of your processing group FLEXIBLE or STABLE?	SINGLE-SELECT	t2_4e
E t2_4a==2	01 ◯ FLEXIBLE 02 ◯ STABLE	

Is your PROCESSING GROUP registered at the DINAS?	SINGLE-SELECT	t2_4f
E t2_4a==2	01 ◯ Yes 00 ◯ No	

Does your %processgroup% have common savings/save together?	SINGLE-SELECT	t2_8
E t2_4a==2	01 ◯ Yes 00 ◯ No	

Did you obtain any sort of Food Certification for processing fish?	SINGLE-SELECT	t2_certificate
I Includes HALAL, HACCP and other Food Certificates	01 ◯ YES 02 ◯ No	

During %refperiod%, which fish did you process?	MULTI-SELECT	t2_7
E t1_1==1	100 ☐ Albakora 101 ☐ Aquarium/Ornamental Fish 102 ☐ Bawal 103 ☐ Bawal Bintang 104 ☐ Beloso 105 ☐ Cakalang 106 ☐ Carp 107 ☐ Cucut Lanyam 108 ☐ Cumi Cumi 109 ☐ FINGERLINGS 110 ☐ Gabus 111 ☐ Gulamah 112 ☐ Ikan belanak 113 ☐ Ikan Lele 114 ☐ Ikan Mujair 115 ☐ Ikan ornamental muda And 32 other symbols [7]	

VARIABLE	STRING	processgroup
t2_4a==1 ? "RUMAH TANGGA" : "KELOMPOK PENGOLAHAN IKAN"		

[T] FISH PROCESSING
Roster: PROCESS FISH
generated by multi-select question t2_7   fishprocess

During which months did you process %fishprocess%?	MULTI-SELECT t2 12a
	00 ☐ Every month of the year
F t2_6.Contains(0) || t2_6.Contains(@optioncode)	01 ☐ September 2017
E1 self.ContainsOnly(0) || !self.Contains(0)	02 ☐ Oktober 2017
M1 These answers exclude each other. Please check.	03 ☐ November 2017
	04 ☐ Desember 2017
	05 ☐ Januari 2018
	06 ☐ Februari 2018
	07 ☐ Maret 2018
	08 ☐ April 2018
	09 ☐ Mei 2018
	10 ☐ Juni 2018
	11 ☐ Juli 2018
	12 ☐ Agustus 2018

Please specify %rostertitle%.	TEXT t2 7oth
E @rowcode>=900	

During ONE AVERAGE MONTH, how much %rostertitle% did you and your group members process?	NUMERIC: INTEGER t2 8a
I REFERS TO QUANTITY OF RAW MATERIAL OF FISH	

UNIT	SINGLE-SELECT t2 8b
	01 ◯ KG
	02 ◯ TON
	04 ◯ BAG
	05 ◯ ROPE
	06 ◯ FISH

How many KGs does ONE %t2_8b% contain?	NUMERIC: DECIMAL t2_8bbag
E t2_8b==4	
E1 self>0	
M1 This is not possible. KG per ONE BAG must be larger than zero. Please check.	
E2 self<=$err_qtybag	
M2 The quantity of KG per BAG is too high. Please check.	

During ONE AVERAGE MONTH, how much did you pay to buy %t2_8a% %t2_8b% of %fishprocess%?	NUMERIC: DECIMAL t2_11
W1 self<1000	SPECIAL VALUES
M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA	00 None

Unit of amount in Rupees	SINGLE-SELECT t2 11u
E t2_11>0	0001000 ◯ Thousand
E1 (t2_11*t2_11u)<$err_lcu_val	1000000 ◯ Million
M1 This is too high. Please check.	
W2 (t2_11*t2_11u)<$warn_lcu_val	
M2 This seems very high. Please check.	

From which source did you obtain the %fishprocess% for processing? I During ONE AVERAGE MONTH	MULTI-SELECT t2_9a 001 ☐ OTHER HOUSEHOLDS 012 ☐ Auction at landing place 011 ☐ Retail market 002 ☐ SMALL-SCALE TRADER 003 ☐ LARGE-SCALE TRADER / WHOLESALER 004 ☐ IJON/TENGKULAK 005 ☐ PROCESSOR 006 ☐ DIRECT RETAILER 007 ☐ RESTAURANT 008 ☐ INSTITUTION (CHURCH, HOSPITAL, SCHOOL, OTHER) 009 ☐ NGO 010 ☐ GOVERNMENT AGENCY 999 ☐ OTHER, SPECIFY
Please specify E t2_9a.Contains(999)	TEXT t2_9aoth ....
From which source did you obtain the LARGEST AMOUNT OF %fishprocess% that you bought? I During ONE AVERAGE MONTH E t2_9a.Length>1	SINGLE-SELECT t2_9 001 ○ OTHER HOUSEHOLDS 002 ○ SMALL-SCALE TRADER 003 ○ LARGE-SCALE TRADER / WHOLESALER 004 ○ IJON/TENGKULAK 005 ○ MILLER / PROCESSOR 006 ○ DIRECT RETAILER 999 ○ OTHER
Please specify E t2_9==999	TEXT t2_9oth ....
Was the purchase of %fishprocess% from %t2_9% part of a pre-established contract? I During ONE AVERAGE MONTH	SINGLE-SELECT t2_10 01 ○ Yes 00 ○ No
Into which products did you transform the %fishprocess% during ONE AVERAGE MONTH?	MULTI-SELECT t2_12 001 ☐ SALTED 002 ☐ DRIED 003 ☐ SMOKED 004 ☐ MILLED/SHREDDED 005 ☐ FILLET 006 ☐ PASTE 007 ☐ Fishmeat ball/Fish cake/Crackers 008 ☐ PINDANG 999 ☐ OTHER
Please specify E t2_12.Contains(999)	TEXT t2_12oth ....

[T] FISH PROCESSING / PROCESS FISH
Roster: PRODUCT
generated by multi-select question t2_12   processproduct

Which of the following processing machinery did you utilise in your household or village for %rostertitle% %fishprocess% during an <u>AVERAGE MONTH OF PROCESSING</u>?	MULTI-SELECT		t2_13
	001 ☐	SOLAR DRYER	
	002 ☐	MECHANICAL DRYER	
	003 ☐	SMOKER	
	004 ☐	FISH MILL	
	005 ☐	SURIMI	
	006 ☐	PARANG/PISAU	
	999 ☐	OTHER	

Please specify other.

E t2_13.Contains(999)

TEXT   t2_13oth

....

Who owns these facilities?	MULTI-SELECT		t2_14
	001 ☐	PERSONAL	
	002 ☐	PROCESSING GROUP ASSOCIATION	
	003 ☐	LOCAL GOVERNMENT UNIT;	
	004 ☐	PRIVATELY OWNED BY ANOTHER	
	999 ☐	OTHER, SPECIFY	

Please specify other.

E t2_14.Contains(999)

TEXT   t2_14oth

....

Did you hire any adults for producing %processproduct% of %fishprocess% during <u>ONE AVERAGE MONTH OF PRODUCTION</u>?	SINGLE-SELECT		t2_avg1a
	01 ◯	Yes	
	00 ◯	No	

[T] FISH PROCESSING / PROCESS FISH / PRODUCT
HIRED LABOUR

E t2_avg1a==1

How many laborers did you hire for producing %processproduct% during <u>AN AVERAGE MONTH</u>?	NUMERIC: INTEGER	t2_avg1b

E1 self > 0
M1 You indicated that labour was hired. Thus, this value has to be larger than 0.

How did you MAINLY pay these workers during <u>AN AVERAGE MONTH</u>?	SINGLE-SELECT		t2_avg2
	01 ◯	Fixed wage	
	02 ◯	Share of the production	
	03 ◯	Cash as a share of the benefit from harvest	
	04 ◯	Other in-kind benefits (meals, cigarettes	

On average, what was each worker paid during <u>AN AVERAGE MONTH</u>?	NUMERIC: DECIMAL	t2_avg4

E   t2_avg2==1
E1 self>0
M1 Must be larger than zero. Respondent said that they paid a fixed wage.
E2 self<$err_lcu_val
M2 This seems unlikely. Please check.
W3 self<1000
M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	t2_avg4u

E `t2_avg4>0`
E1 `(t2_avg4*t2_avg4u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(t2_avg4*t2_avg4u)<$warn_lcu_val`
M2 This seems very high. Please check.

0001000 ○ Thousand
1000000 ○ Million

On average, what was the cash value of any in-kind benefit such as meals, cigarettes, etc., that you paid during <u>AN AVERAGE MONTH</u>?

NUMERIC: DECIMAL   t2_avg5

E `t2_avg2==4`
E1 `self>0`
M1 Must be larger than zero. Respondent said that they paid a fixed wage.
E2 `self<$err_lcu_val`
M2 This seems unlikely. Please check.
W3 `self<1000`
M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees

SINGLE-SELECT   t2_avg5u

E `t2_avg5>0`
E1 `(t2_avg5*t2_avg5u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(t2_avg5*t2_avg5u)<$warn_lcu_val`
M2 This seems very high. Please check.

0001000 ○ Thousand
1000000 ○ Million

---

during an <u>AVERAGE MONTH OF PROCESSING,</u> how much of %processproduct% of %fishprocess% did you and your group members produce?

NUMERIC: INTEGER   t2_18a

E1 `self>0`
M1 Jawaban tidak mungkin. responden mengatakan melakulan kegiatan pengolahan produk. Tolong periksa kembali

---

UNIT

SINGLE-SELECT   t2_18b

01 ○ KG
02 ○ TON
04 ○ BAG
05 ○ ROPE
06 ○ FISH

How many KGs does <u>ONE %t2_18b%</u> contain?

NUMERIC: DECIMAL   t2_18bbag

E `t2_18b==4`
E1 `self>0`
M1 This is not possible. KG per ONE BAG must be larger than zero. Please check.
E2 `self<=$err_qtybag`
M2 The quantity of KG per BAG is too high. Please check.

VARIABLE

DOUBLE   qty_fishproduct

`t2_18b.InList(1,2,3) ? t2_18a*WeightConv[(int)t2_18b].factor : t2_18a*t2_18bbag`

On average, what share of %processproduct% of %fishprocess% was lost to rotting, insects, rodents, theft, etc. AFTER YOU PRODUCED IT?

NUMERIC: INTEGER   t3_1a

I PERCENTAGE
E1 `self<100`
M1 Can not be more than 100 percent.
W2 `self<60`
M2 This seems very high. Please confirm.

SPECIAL VALUES
00 NONE

BASED ON PERCENTAGE:

QUANTITY LOST AFTER PRODUCTION: %productloss% KG

VARIABLE		LONG	productloss
`Convert.ToInt16((qty_fishproduct*((double)((double)t3_1a /100))))`			

VARIABLE		DOUBLE	qty_productdispo
`qty_fishproduct-(new[]{productloss}.Sum())`			

T3.2. What was the reason for loss in the post-PRODUCTION period?	MULTI-SELECT	t3_2
	001 ☐ Rotting	
I Select up to two	002 ☐ Insects	
E `t3_1a>0`	003 ☐ Animal Damage	
	004 ☐ Theft	
	005 ☐ No Cooling facilities	
	999 ☐ Other	

Please specify other.	TEXT	t3_2oth
E `t3_2.Contains(999)`	....	

PRODUCT USES DURING AN AVERAGE MONTH OF PROCESSING

E `qty_productdispo!=0`

QUANTITY OF PRODUCT AFTER POST-PRODUCTION LOSS during an <u>AVERAGE MONTH OF PROCESSING</u>: %qty_productdispo% KG.

T3.3a. Of the total quantity of %processproduct% of %fishprocess% during an <u>AVERAGE MONTH OF PROCESSING</u>, how much was <u>SOLD BY YOUR %processgroup%</u>?	NUMERIC: DECIMAL	t3_3a
I QUANTITY.	-----------------------------------	

T3.3b. UNIT	SINGLE-SELECT	t3_3b
E `t3_3a>0 && t3_3a!=888`	01 ○ KG	
E1 `qty_productdispo>=(t3_3b.InList(1,2,3) ? t3_3a*WeightConv[(int)t3_3b].factor : (int)0)`	02 ○ TON	
M1 QUANTITY OF GROUP SALES CAN NOT BE LARGER THAN THE TOTAL PRODUCTION during an <u>AVERAGE MONTH OF PROCESSING</u> PLEASE CHECK [ENUMERATOR: TOTAL PRODUCTION IS: %qty_productdispo%]	04 ○ BAG	
	05 ○ ROPE	
	06 ○ FISH	

T3.3bbag. How many KGs does <u>ONE %t3_3b%</u> contain?	NUMERIC: DECIMAL	t3_3bbag
E `t3_3b==4`	-----------------------------------	
E1 `qty_productdispo>=t3_3a*t3_3bbag`		
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL PRODUCTION during an <u>AVERAGE MONTH OF PROCESSING</u> PLEASE CHECK. [ENUMERATOR: TOTAL PRODUCTION IS: %qty_productdispo%]		
E2 `self>0`		
M2 This is not possible. KG per ONE BAG must be larger than zero. Please check.		
E3 `self<=$err_qtybag`		
M3 The quantity of KG per BAG is too high. Please check.		

VARIABLE		DOUBLE	group productsales

```
t3_3b.InList(1,2,3) ? t3_3a*WeightConv[(int)t3_3b].facto
r : t3_3a*t3_3bbag
```

T3.5a. Of the total quantity of %processproduct% of %fishprocess% during an <u>AVERAGE MONTH OF PROCESSING</u>, how much was <u>SHARED AMONG YOUR GROUP MEMBERS.</u>?

NUMERIC: DECIMAL   t3_5a

— — — — — — — — — — — — — — — — — — — .

I   QUANTITY

E   `qty_productdispo>new[]{group_productsales}.Sum() && IsAn`
`swered(t3_3a) && t2_4a==2`

T3.5b. UNIT

E   `t3_5a>0 && t3_5a!=888`
E1 `qty_productdispo>=(t3_5b.InList(1,2,3) ? t3_5a*WeightCon`
`v[(int)t3_5b].factor : 0)`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL PRODUCTI ON during an <u>AVERAGE MONTH OF PROCESSING</u> PLEASE CHE CK. [ENUMERATOR: TOTAL PRODUCTION IS: %qty_productdispo%]

SINGLE-SELECT   t3_5b

- 01 ◯ KG
- 02 ◯ TON
- 04 ◯ BAG
- 05 ◯ ROPE
- 06 ◯ FISH

T3.5bbag. How many KGs does <u>ONE %t3_5b%</u> contain?

NUMERIC: DECIMAL   t3_5bbag

— — — — — — — — — — — — — — — — — — — .

E   `t3_5b==4`
E1 `qty_productdispo>=t3_5a*t3_5bbag`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL PRODUCTI ON during an <u>AVERAGE MONTH OF PROCESSING</u> PLEASE CHE CK. [ENUMERATOR: TOTAL PRODUCTION IS: %qty_productdispo%]
E2 `self>0`
M2 This is not possible. KG per ONE BAG must be larger than zero. Please check.
E3 `self<=$err_qtybag`
M3 The quantity of KG per BAG is too high. Please check.

VARIABLE		DOUBLE	qty_productgroupshare

```
t3_5b.InList(1,2,3) ? t3_5a*WeightConv[(int)t3_5b].facto
r : t3_5a*t3_5bbag
```

T3.8a. Of the total quantity of %processproduct% of %fishprocess% during an <u>AVERAGE MONTH OF PROCESSING</u>, how much was <u>GIVEN TO LABORERS AS A TYPE OF PAYMENT.</u>?

NUMERIC: DECIMAL   t3_8a

— — — — — — — — — — — — — — — — — — — .

I   QUANTITY

E   `qty_productdispo>new[]{group_productsales,qty_productgro`
`upshare}.Sum() && IsAnswered(t3_5a)`

T3.8b. UNIT

E   `t3_8a>0 && t3_8a!=888`
E1 `qty_productdispo>=(t3_8b.InList(1,2,3) ? t3_8a*WeightCon`
`v[(int)t3_8b].factor : 0)`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL PRODUCTI ON during an <u>AVERAGE MONTH OF PROCESSING</u> PLEASE CHE CK. [ENUMERATOR: TOTAL PRODUCTION IS: %qty_productdispo%]

SINGLE-SELECT   t3_8b

- 01 ◯ KG
- 02 ◯ TON
- 04 ◯ BAG
- 05 ◯ ROPE
- 06 ◯ FISH

	NUMERIC: DECIMAL	t3_8bbag

T3.8bbag. How many KGs does ONE %t3_8b% contain?

E `t3_8b==4`
E1 `qty_productdispo>=t3_8a*t3_8bbag`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL PRODUCTION during an <u>AVERAGE MONTH OF PROCESSING</u> PLEASE CHECK. [ENUMERATOR: TOTAL PRODUCTION IS: %qty_productdispo%]
E2 `self>0`
M2 This is not possible. KG per ONE BAG must be larger than zero. Please check.
E3 `self<=$err_qtybag`
M3 The quantity of KG per BAG is too high. Please check.

	NUMERIC: DECIMAL	t3_6a

T3.6a. Of the total PRODUCTION of %processproduct% of %fishprocess%, how much was dedicated to ANY OTHER ACTIVITY ?

I QUANTITY
E `qty_productdispo>new[]{group_productsales, qty_productgroupshare}.Sum() && IsAnswered(t3_5a)`

T3.6b. UNIT

SINGLE-SELECT   t3_6b

01 ○ KG
02 ○ TON
04 ○ BAG
05 ○ ROPE
06 ○ FISH

E `t3_6a>0 && t3_6a!=888`
E1 `qty_productdispo>=(t3_6b.InList(1,2,3) ? t3_6a*WeightConv[(int)t3_6b].factor : 0)`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL PRODUCTION during an <u>AVERAGE MONTH OF PROCESSING</u> PLEASE CHECK. [ENUMERATOR: TOTAL PRODUCTION IS: %qty_productdispo%]

	NUMERIC: DECIMAL	t3_6bbag

T3.6bbag. How many KGs does ONE %t3_6b% contain?

E `t3_6b==4`
E1 `qty_productdispo>=t3_6a*t3_6bbag`
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL PRODUCTION during an <u>AVERAGE MONTH OF PROCESSING</u> PLEASE CHECK. [ENUMERATOR: TOTAL PRODUCTION IS: %qty_productdispo%]
E2 `self>0`
M2 This is not possible. KG per ONE BAG must be larger than zero. Please check.
E3 `self<=$err_qtybag`
M3 The quantity of KG per BAG is too high. Please check.

VARIABLE	DOUBLE	qty_productgroupother

`t3_6b.InList(1,2,3) ? t3_6a*WeightConv[(int)t3_6b].factor : t3_6a*t3_6bbag`

VARIABLE	DOUBLE	sum_use_product

`new[]{group_productsales,qty_productgroupshare,qty_productgroupother}.Sum()`

STATIC TEXT

E `IsAnswered(t3_3a) && qty_productdispo<sum_use_product`
V1 `false`

THE TOTAL SUM OF USE IS LARGER THAN THE TOTAL AMOUNT OF PRODUCTION

TOTAL QUANTITY AFTER PRODUCTION AND LOSSES: %qty_productdispo% KG.

TOTAL SUM OF USE: %sum_use_product% KG

PLEASE CHECK PRODUCTION OR THIS USE SECTION.

STATIC TEXT

E `IsAnswered(t3_6a) && !sum_use_product.InRange((0.95*qty_productdispo),qty_productdispo)`
V1 `false`

ATTENTION!
THE TOTAL QUANTITY OF %processproduct% USES IS SIGNIFICANTLY LOWER THAN THE TOTAL QUANTITY AVAILABLE AFTER PRODUCTION during an AVERAGE MONTH OF PROCESSING.

QUANTITY AVAILABLE AFTER PRODUCTION AND LOSSES: %qty_productdispo%
CURRENT AMOUNT OF USES: %sum_use_product%
PLEASE CHECK AND CORRECT.

STATIC TEXT

THE TOTAL SUM OF USE OF %processproduct% PRODUCTION during an <u>AVERAGE MONTH OF PROCESSING</u>: %sum_use_product% KG.

STATIC TEXT

E `qty_productgroupshare>0`

You stated that the group shared %qty_productgroupshare% among your members.

T3.6a. Of the %qty_productgroupshare% KG of %processproduct% of %fishprocess% shared during an <u>AVERAGE MONTH OF PROCESSING</u>, how much did <u>YOUR HOUSEHOLD RECEIVE?</u> ?	NUMERIC: DECIMAL — t3_7a
	--------------------------------------
I QUANTITY	SPECIAL VALUES
E `qty_productgroupshare>0`	-88 RESPONDENT CAN ONLY TELL SHARE OF QUANTITY
W1 `self>0`	
M1 This is very unlikely. Why should the household not receive anything?	

T3.6b. UNIT	SINGLE-SELECT — t3_7b
E `IsAnswered(t3_7a)`	01 ○ KG
E1 `qty_productgroupshare>=(t3_7b.InList(1,2,3) ? t3_7a*WeightConv[(int)t3_7b].factor : 0)`	02 ○ TON
M1 QUANTITY OF FISH RECEIVED BY HOUSEHOLD CAN NOT BE LARGER THAN THE TOTAL PRODUCTION SHARED AMONG GROUP MEMBERS. PLEASE CHECK. [ENUMERATOR: TOTAL PRODUCTION SHARED AMONG GROUP MEMBERS: %qty_productgroupshare%]	04 ○ BAG
	05 ○ ROPE
	06 ○ FISH

T3.6bbag. How many KGs does <u>ONE %t3_7b%</u> contain?	NUMERIC: DECIMAL — t3_7bbag
E `t3_7b==4`	
E1 `qty_productdispo>=t3_6a*t3_6bbag`	
M1 QUANTITY OF USE CAN NOT BE LARGER THAN THE TOTAL PRODUCTION during an <u>AVERAGE MONTH OF PROCESSING</u> PLEASE CHECK. [ENUMERATOR: TOTAL PRODUCTION IS: %qty_productdispo%]	
E2 `self>0`	
M2 This is not possible. KG per ONE BAG must be larger than zero. Please check.	
E3 `qty_productgroupshare>=t3_7a*t3_7bbag`	
M3 QUANTITY OF FISH RECEIVED BY HOUSEHOLD CAN NOT BE LARGER THAN THE TOTAL PRODUCTION SHARED AMONG GROUP MEMBERS. PLEASE CHECK. [ENUMERATOR: TOTAL PRODUCTION SHARED AMONG GROUP MEMBERS: %qty_productgroupshare%]	

What share of the %qty_productgroupshare%% KG of %processproduct% of %fishprocess% was received by your HOUSEHOLD?	NUMERIC: INTEGER — t3_8
I ADD IN PERCENT (%)	
E `t3_7a==-88`	
E1 `self<=100`	
M1 Can not be more than 100%.	
W2 `self<80`	
M2 This seems like a lot of the share. Please confirm.	

[T] FISH PROCESSING / PROCESS FISH / PRODUCT / PRODUCT USES DURING AN AVERAGE MONTH OF PROCESSING
%PROCESSGROUP% SALES %PROCESSPRODUCT%

E `group_productsales>0`

STATIC TEXT

According to your answer given before, you stated that your %processgroup% has sold %t3_3a% %t3_3b%'s of %processproduct% during an <u>AVERAGE MONTH OF PROCESSING</u>

What was the the average price PER KG of %processproduct% that you received?	NUMERIC: DECIMAL	t4_1

I Value in %lcu%
E1 `self>0`
M1 Respondent said to have sold %rostertitle%. Value must be larger than 0.
E2 `self<$err_lcu_val`
M2 This is too high. Please check.
W3 `self<$err_lcu_val ? self<$warn_lcu_val: true`
M3 This seems very high. Please check.
W4 `self<1000`
M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

SPECIAL VALUES

888 DON'T KNOW PER KG PRICE. ONLY TOTAL AMOUNT

Unit of amount in Rupees	SINGLE-SELECT	t4_1u

E `t4_1>0 && t4_1!=888`
E1 `(t4_1*t4_1u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(t4_1*t4_1u)<$warn_lcu_val`
M2 This seems very high. Please check.
E3 `(t4_1*t4_1u)<=$err_perkg`
M3 Attention. We are asking about the <u>PRICE PER KG</u>. It seems too high. Please check.
W4 `(t4_1*t4_1u)<=$warn_perkg || (t4_1*t4_1u)>=$err_perkg`
M4 Attention. We are asking about the <u>PRICE PER KG</u>. It seems very high. Please confirm.

0001000 ◯ Thousand
1000000 ◯ Million

T4.1. What was the total value of all sales of the %processproduct% of %fishprocess% during an <u>AVERAGE MONTH OF PROCESSING</u>?	NUMERIC: INTEGER	t4_1a

I Value in %lcu%
E `t4_1==888`
E1 `self>0`
M1 Respondent said to have sold %rostertitle%. Value must be larger than 0.
W2 `self<1000`
M2 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	t4_1au

E `t4_1a>0`
E1 `(t4_1a*t4_1au)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(t4_1a*t4_1au)<$warn_lcu_val`
M2 This seems very high. Please check.

0001000 ◯ Thousand
1000000 ◯ Million

T5.3.To whom did you sell the %fishprocess% %processproduct% during an <u>AVERAGE MONTH OF PROCESSING</u>?	MULTI-SELECT t4_3
	001 ☐ OTHER HOUSEHOLDS FOR THEIR OWN USE/Endconsumer
	012 ☐ Auction at landing place
	011 ☐ Retail market
	002 ☐ SMALL-SCALE TRADER
	003 ☐ LARGE-SCALE TRADER / WHOLESALER
	004 ☐ IJON/TENGKULAK
	005 ☐ PROCESSOR
	006 ☐ DIRECT RETAILER
	007 ☐ RESTAURANT
	008 ☐ INSTITUTION (CHURCH, HOSPITAL, SCHOOL, OTHER)
	009 ☐ NGO
	010 ☐ GOVERNMENT AGENCY
	999 ☐ OTHER, SPECIFY

S5.3.To whom did you sell the <u>LARGEST QUANTITY</u> during an <u>AVERAGE MONTH OF PROCESSING</u>? F t4_3.Contains(@optioncode) E t4_3.Length>1	SINGLE-SELECT t4_3b
	001 ○ OTHER HOUSEHOLDS FOR THEIR OWN USE/Endconsumer
	012 ○ Auction at landing place
	011 ○ Retail market
	002 ○ SMALL-SCALE TRADER
	003 ○ LARGE-SCALE TRADER / WHOLESALER
	004 ○ IJON/TENGKULAK
	005 ○ PROCESSOR
	006 ○ DIRECT RETAILER
	007 ○ RESTAURANT
	008 ○ INSTITUTION (CHURCH, HOSPITAL, SCHOOL, OTHER)
	009 ○ NGO
	010 ○ GOVERNMENT AGENCY
	999 ○ OTHER, SPECIFY

[T] FISH PROCESSING / PROCESS FISH / PRODUCT / PRODUCT USES DURING AN AVERAGE MONTH OF PROCESSING / %PROCESSGROUP% SALES %PROCESSPRODUCT%

Roster: BUYER
generated by fixed list   buyer1

001   OTHER HOUSEHOLDS FOR THEIR OWN USE/Endconsumer

012   Auction at landing place

011   Retail market

002   SMALL-SCALE TRADER

003   LARGE-SCALE TRADER / WHOLESALER

004   IJON/TENGKULAK

005   PROCESSOR

006   DIRECT RETAILER

007   RESTAURANT

008   INSTITUTION (CHURCH, HOSPITAL, SCHOOL, OTHER)

009   NGO

010   GOVERNMENT AGENCY

999   OTHER, SPECIFY

E t4_3.Length>1 ? t4_3b==@rowcode : t4_3.Contains(@rowcode)

How much of %processproduct% %fishprocess% did you sell to %buyer1%?	NUMERIC: DECIMAL	t5_1a
E `t4_3.Length>1`		

UNIT	SINGLE-SELECT	t5_1b

E `t5_1a>0 && t5_1a!=888`
E1 `group_productsales>qtysell_buyerprocess`
M1 This is not possible. Quantity sold to %buyer1% must be smaller than the TOTAL AMOUNT SOLD (%group_productsales% KG).
W2 `qtysell_buyerprocess<(0.9*group_productsales)`
M2 The fisher sold to more than one buyer. According to this answer, the largest share was sold to %buyer1%. Please confirm.

01 ○ KG
02 ○ TON
04 ○ BAG
05 ○ ROPE
06 ○ FISH

How many KGs does <u>ONE %t5_1b%</u> contain?	NUMERIC: DECIMAL	t5_1bbag

E `t5_1b.InList(4,5,6)`
E1 `self>0`
M1 This is not possible. KG per ONE %t5_1b% must be larger than zero. Please check.
E2 `self<=$err_qtybag`
M2 The quantity of KG per %t5_1b% is too high. Please check.

VARIABLE	DOUBLE	qtysell_buyerprocess

`t5_1b.InList(1,2,3) ? t5_1a*WeightConv[(int)t5_1b].factor : t5_1a*t5_1bbag`

What was the the average price PER KG of %processproduct% that you sold to %buyer1%?	NUMERIC: DECIMAL	t5_2

I Value in %lcu%
E `t4_3.Length>1`
E1 `self>0`
M1 Respondent said to have sold %rostertitle%. Value must be larger than 0.
E2 `self<$err_lcu_val`
M2 This is too high. Please check.
W3 `self<$err_lcu_val ? self<$warn_lcu_val: true`
M3 This seems very high. Please check.
W4 `self<1000`
M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	t5_2u

E `t5_2>0`
E1 `(t5_2*t5_2u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(t5_2*t5_2u)<$warn_lcu_val`
M2 This seems very high. Please check.
E3 `(t5_2*t5_2u)<=$err_perkg`
M3 Attention. We are asking about the <u>PRICE PER KG</u>. It seems too high. Please check.
W4 `(t5_2*t5_2u)<=$warn_perkg || (t5_2*t5_2u)>=$err_perkg`
M4 Attention. We are asking about the <u>PRICE PER KG</u>. It seems very high. Please confirm.

0001000 ○ Thousand
1000000 ○ Million

Where did the transactions with this %buyer1% took place?	SINGLE-SELECT	t5_3

001 ○ Landing place (Private)
002 ○ Landing place (Governmental)
003 ○ Beach
004 ○ Auction
005 ○ VILLAGE MARKET (WITHIN OWN VILLAGE)
006 ○ LOCAL MARKET OUTSIDE OWN VILLAGE)
007 ○ In the neighborhood
008 ○ Dirumah
999 ○ OTHER

Please specify

E `t5_3==999`

TEXT · t5_3oth

....

How long did it take to transport the %processproduct% %fishprocess% to %t5_3%?

I AMOUNT OF TIME
E `t5_3>3`

NUMERIC: DECIMAL · t5_4

- .

UNIT OF TIME

E `t5_3>3`
E1 `(self==1? t5_4 : t5_4*60)<=300`
M1 It seems unlikely that it is more than 5 hours (300 minutes) away from the landing site. Please check.

SINGLE-SELECT · t5_4b

01 ○ Minutes
02 ○ Hours

S6.17. How many months was it before the household received the full payment from the %buyer1%?

NUMERIC: INTEGER · t5_5

- .

SPECIAL VALUES
00 PAID RIGHT AWAY
01 WITHIN ONE MONTH
88 HAVE NOT YET BEEN FULLY REPAID
89 PAYMENT RECEIVED PRIOR TO FIS H DELIVERY

Did you and your group members have any of the following costs for fish processing activities during an <u>AVERAGE MONTH OF PROCESSING</u>?

I OTHER COSTS EXAMPLE: TAX. DOES NOT INCLUDE HIRED LABOUR C OSTS

MULTI-SELECT: YES/NO · t2_15

02 ☐ / ☐ ELECTRICITY
03 ☐ / ☐ MATERIAL FOR PACKAGING
04 ☐ / ☐ ICE
05 ☐ / ☐ RAW INGREDIENTS
06 ☐ / ☐ OTHER COSTS

[T] FISH PROCESSING / PROCESS FISH / PRODUCT
Roster: COSTS
generated by multi-select question t2_15 · t2_16

How much did you have to pay IN TOTAL during an <u>AVERAGE MONTH OF PROCESSING</u> for %rostertitle% to process %processproduct% of %fishprocess%?	NUMERIC: DECIMAL t2 17b

E1   `self>0`
M1   This is not possible. Respondent stated to have costs for %rostertitle%. Please check.
W2   `self<1000`
M2   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU<br r>
 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT t2 17bu
	0001000 ◯ Thousand
	1000000 ◯ Million

E   `t2_17b>0`
E1   `(t2_17b*t2_17bu)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(t2_17b*t2_17bu)<$warn_lcu_val`
M2   This seems very high. Please check.

VARIABLE `t2_17b*t2_17bu`	DOUBLE cost
VARIABLE `t4_1==888 ? t4_1a*t4_1au : (t4_1*t4_1u)*group_productsales`	DOUBLE revenue process
VARIABLE `t2_16.Sum(x=>x.cost)`	DOUBLE totcost_process
VARIABLE `revenue_process-totcost_process`	DOUBLE profit process

STATIC TEXT

TOTAL COST DURING AN AVERAGE MONTH OF PRODUCTION: %totcost_process% %lcu%

STATIC TEXT

TOTAL VALUE OF SALES DURING AN AVERAGE MONTH OF PRODUCTION: %revenue_process% %lcu%

STATIC TEXT

TOTAL PROFIT DURING AN AVERAGE MONTH OF PRODUCTION: %profit_process% %lcu%

T4.1. How much of the %profit_process% Rp. from sales of %processproduct% of %fishprocess% did your HOUSEHOLD receive during an <u>AVERAGE MONTH OF PROCESSING</u>?	NUMERIC: DECIMAL t4 1c

I   Value in %lcu%.
E   `t2_4a==2`
W1   `self>0`
M1   It is unlikely that the Household has not received anything. Please confirm.
W2   `self<1000`
M2   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU<br r>
 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT t4 1cu
	0001000 ◯ Thousand
	1000000 ◯ Million

E   `t4_1c>0`
E1   `(t4_1c*t4_1cu)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(t4_1c*t4_1cu)<$warn_lcu_val`
M2   This seems very high. Please check.
E3   `(t4_1c*t4_1cu)<=profit_process`
M3   This is not possible. There is only %profit_process% %lcu% available to share. Please check.

[U] FISHERY / AQUACULTURE RELATED INFORMATION

Is there a change in the amount of fish you catch nowadays compared to the fish you caught: <u>ONE YEAR AGO</u> E `r1_1==1 || s1_1==1`	SINGLE-SELECT u1a_a 01 ◯ YES, DECREASING 02 ◯ NO SIGNIFICANT CHANGE 03 ◯ YES, INCREASING

What do you think is the MAIN reason for this change compared to ONE YEAR AGO? F `u1a_a==1 && @optioncode.InList(1,2,3,4,5,6,7,999,888) || u1a_a==3 && @optioncode.InList(8,9,10,11,12,999,888)` E `u1a_a.InList(1,3)`	SINGLE-SELECT u1a_b 001 ◯ BAD WEATHER/HIGH WAVE 002 ◯ OVERFISHING 003 ◯ FISHING GEAR NOT ADEQUATE 004 ◯ BOMBING 005 ◯ CAPITAL NOT ENOUGH 006 ◯ COMPETITION AMONG FISHERS 007 ◯ SEA POLLUTION 008 ◯ COASTAL PROTECTION INITIATIVES 009 ◯ ROTATIONAL FISHING PLANS 010 ◯ BETTER GEAR 011 ◯ ACCESS TO FINANCE 012 ◯ BETTER TECHNOLOGY AVAILABLE 999 ◯ OTHER 888 ◯ Dont know

Please specify other reason. E `u1a_b==999`	TEXT u1a_both •┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄•

Is there a change in the amount of fish you catch nowadays compared to the fish you caught: <u>FIVE YEARS AGO (2013)</u> E `IsAnswered(u1a_a)`	SINGLE-SELECT u1b_a 01 ◯ YES, DECREASING 02 ◯ NO SIGNIFICANT CHANGE 03 ◯ YES, INCREASING

What do you think is the MAIN reason for this change compared to <u>FIVE YEARS AGO (2013)</u> ? F `u1b_a==1 && @optioncode.InList(1,2,3,4,5,6,7,999,888) || u1b_a==3 && @optioncode.InList(8,9,10,11,12,999,888)` E `u1b_a.InList(1,3)`	SINGLE-SELECT u1b_b 001 ◯ BAD WEATHER/HIGH WAVE 002 ◯ OVERFISHING 003 ◯ FISHING GEAR NOT ADEQUATE 004 ◯ BOMBING 005 ◯ CAPITAL NOT ENOUGH 006 ◯ COMPETITION AMONG FISHERS 007 ◯ SEA POLLUTION 008 ◯ COASTAL PROTECTION INITIATIVES 009 ◯ ROTATIONAL FISHING PLANS 010 ◯ BETTER GEAR 011 ◯ ACCESS TO FINANCE 012 ◯ BETTER TECHNOLOGY AVAILABLE 999 ◯ OTHER 888 ◯ Dont know

Please specify other reason. E `u1b_b==999`	TEXT u1b_both •┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄•

Are any of the following an issue that hindered or dissuaded you from selling at the market(s) during %refperiod%? I These questions apply to markets for all fish species. E `gear.Any(t=>t.fishseason.Any(r=>r.fishdispo.Any(e=>e.gro upsales>0))) || siteroster.Any(y=>y.aquafish.Any(u=>u.aq uafish_avgcycle.Any(p=>p.groupsales_avgaqua>0))) || site roster.Any(y=>y.aquafish.Any(u=>` And 117 other symbols [1]	**MULTI-SELECT: YES/NO** u3_1 001 ☐ / ☐ Distance to market 002 ☐ / ☐ Availability of a suitable vehicle 003 ☐ / ☐ Lack of information on market prices 004 ☐ / ☐ The price received for produce at the market compared to selling it at the gate 005 ☐ / ☐ Lack of demand from market buyers for specific fish 006 ☐ / ☐ Lack of demand from market buyers due to their feeling goods are of low quality 007 ☐ / ☐ Lack of demand from market buyers due to the quantity of the goods being too small 008 ☐ / ☐ More convenient/cheap to sell to buyer who comes to you 009 ☐ / ☐ Tied to a buyer who is not at the market 010 ☐ / ☐ Lack of trust in market buyers 999 ☐ / ☐ Other, specify
Please specify E `u3_1.Yes.Contains(999)`	**TEXT** u3_1oth ....
Are you aware of fishers in this village that made use of <u>EXPLOSIVES</u> to go fishing during %refperiod%?	**SINGLE-SELECT** u3_2 01 ◯ Yes 00 ◯ No
Are you aware of fishers in this village that made use of <u>POISON</u> to go fishing during %refperiod%?	**SINGLE-SELECT** u3_3 01 ◯ Yes 00 ◯ No
Are there rules in your location for where to catch the fish and when? E `r1_1==1`	**SINGLE-SELECT** r2_3 01 ◯ Yes 00 ◯ No
Who is the main actor that decides on the implementation of such open/close systems and/or protected area? E `r2_3==1`	**SINGLE-SELECT** r2_4 001 ◯ CBCRM GROUPS 002 ◯ VILLAGE ASSEMBLY/GROUPS 003 ◯ FISHERMEN 004 ◯ DISTRICT AUTHORITY 005 ◯ PROVINCIAL AUTHORITY 999 ◯ OTHER (SPECIFY)
Please specify E `r2_4==999`	**TEXT** r2_4oth ....
How is the rotational plan enforced? E `r2_3==1`	**SINGLE-SELECT** r2_5 001 ◯ FISHERMEN 002 ◯ VILLAGE COAST GUARDS 003 ◯ DISTRICT COAST GUARDS 004 ◯ PEOPLE OF THE VILLAGE 999 ◯ OTHER

[B] ACCESS TO AGRICULTURAL LAND

Do you OWN or RENT OUT any <u>AGRICULTURAL LAND</u>?	SINGLE-SELECT	b1_0
	01 ⭘ Yes	
I REFERS ONLY TO AGRICULTURAL LAND!	00 ⭘ No	

STATIC TEXT

E b1_0==1

ENUMERATOR: PLEASE HAND OUT THE SKETCH TO THE RESPONDENT.

STATIC TEXT

E b1_0==1

ENUMERATOR, PLEASE CONVEY THE FOLLOWING MESSAGE TO THE RESPONDENT:

STATIC TEXT

E b1_0==1

Please sketch out all of the land parcels that the household had access to <u>during %refperiod%</u>, <u>regardless of whether you are the owner, and regardless of whether you cultivated the land during this period</u>.

Please illustrate their relative size, and where they are relative to your home.

This also includes those parcels that are rented, borrowed or cultivated on behalf of absentee owners.

ENUMERATOR: TAKE A PICTURE OF THE PARCEL SKETCH	PICTURE	parcelsketch
E b1_0==1		

STATIC TEXT

E b1_0==1

Please tell us about each of these parcels.

[ENUMERATOR: THIS SHOULD BE FILLED EVEN IF ACCESS WAS NOT FOR THE WHOLE 12 MONTHS.]

B1.1. [ENUMERATOR:] Based on the parcelsketch: Please fill in the number of land that the household cultivated or had access to during %refperiod%.	NUMERIC: INTEGER	b1_1
I A PARCEL IS A CONTINUOUS PIECE OF LAND THAT IS NOT DIVIDED BY A PATH GREATER THAN 1 METER WIDE. PLEASE CHECK IF THE NUMBER OF PARCELS REPORTED IS IN LINE WITH THE SKETCH DRAWN BY THE RESPONDENT.		
E b1_0==1		
W1 self<15		
M1 This seems a very high number of parcels. Please check.		
E2 self<30		
M2 This is too high. Please check.		

[B] ACCESS TO AGRICULTURAL LAND
Roster: PARCEL CHARACTERISTICS
generated by numeric question b1_1   parcelroster

E b1_0==1

B1.2. What is the name of the parcel?	TEXT	b1_2
I USE A SHORT DESCRIPTIVE PHRASE THAT WILL HELP THE RESPONDENT REMEMBER THE PARCEL BEING DISCUSSED.		
E1 parcelroster.All(y=>IsAnswered(y.b1_2)) ? parcelroster.Select(x=>x.b1_2.ToUpper()).Distinct().Count()==b1_1 : true		
M1 Error! Duplicate entries found! Please give every parcel a unique name!		

B1.3a. What is the area of %parcelroster%? E1 `self>0` M1 A parcel can not have the size of zero. Please check.	NUMERIC: DECIMAL b1_3a -
B1.3b. Specify MEASUREMENT UNIT E1 `area_parcel<$err_highprclsize` M1 The size of the parcel seems very high. Please check. E2 `area_parcel>$err_lowprclsize` M2 The size of the parcel seems too small. Please check. W3 `area_parcel>$warn_lowprclsize` M3 The size of the parcel seems very small. Please confirm the size and or check the MEASUREMENT UNIT. E4 `area_parcel<$warn_highprclsize` M4 The size of the parcel seems very large. Please confirm the size and or check the MEASUREMENT UNIT.	SINGLE-SELECT b1_3b 01 ◯ HECTARE 02 ◯ SQUARE METER 03 ◯ ACRE
B2.1a. Was %rostertitle% dedicated during %refperiod% to any of the following uses? E1 `self.Missing.Length==0` M1 Respondent has not answered all questions yet. Please continue untill all uses have been checked.	MULTI-SELECT: YES/NO b2_1a 01 ☐ / ☐ HOMESTEAD/HOMEGARDEN 02 ☐ / ☐ AGRICULTURAL CULTIVATION 03 ☐ / ☐ MANGROVE/NYPA LAND 04 ☐ / ☐ PASTURE/GRAZING FOR LIVESTOCK 05 ☐ / ☐ WASTE/NON-ARABLE LAND
B1.4a. Do you own this%rostertitle%?	SINGLE-SELECT b1_4a 01 ◯ Yes, entirely 02 ◯ Yes, jointly owned by group of people 00 ◯ No
B1.4. How did your household or group of people acquire parcel %parcelroster%? E `b1_4a.InList(1,2)`	SINGLE-SELECT b1_4 001 ◯ INHERITED 002 ◯ PURCHASED OR LEASED 003 ◯ GRANTED / ALLOCATED BY GOVERNMENT 004 ◯ GRANTED / ALLOCATED BY LOCAL LEADER 006 ◯ SHARE-CROPPED 999 ◯ OTHER
B1.4oth. Please specify E `b1_4==999`	TEXT b1_4oth ....
B1.4b. On which basis do you have access to %rostertitle%? E `b1_4a==0`	SINGLE-SELECT b1_4b 01 ◯ RENTED IN 02 ◯ BORROWED FOR FREE 03 ◯ CLEARED AND OCCUPIED 04 ◯ COMMON LAND 99 ◯ OTHER, SPECIFY
B1.5. What document do you have to show how you acquired or have access to %parcelroster%? F `!b1_4.InList(1,8) ? true : @optioncode.InList(1,2,3,999)`	SINGLE-SELECT b1_5 001 ◯ NONE 002 ◯ TITLE / DEED ISSUED BY GOVERNMENT 003 ◯ CERTIFICATE ISSUED BY NON-GOVERNMENT 004 ◯ RENTAL AGREEMENT 999 ◯ OTHER

B1.5oth. Please specify other. E `b1_5==999`	TEXT $\qquad$ b1_5oth ....
B1.6a. How much did you pay to rent <u>%parcelroster%</u> during %refperiod% <u>IN CASH</u>? I LIST ONLY IN CASH VALUES E `b1_4.InList(5,6)` W1 `self<1000` M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA	NUMERIC: DECIMAL $\qquad$ b1_6a -
Unit of amount in Rupees E `b1_6a>0` E1 `(b1_6a*b1_6au)<$err_lcu_val` M1 This is too high. Please check. W2 `(b1_6a*b1_6au)<$warn_lcu_val` M2 This seems very high. Please check.	SINGLE-SELECT $\qquad$ b1_6au 0001000 ◯ Thousand 1000000 ◯ Million
B1.6b. How much did you pay to rent <u>%parcelroster%</u> between %refperiod% <u>IN KIND</u>? I IF IN-KIND PAYMENTS, PLEASE EXCLUDE PAYMENTS MADE WITH CROPS HARVESTED FROM THIS PARCEL. E `b1_4.InList(5,6)` W1 `self<1000` M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA	NUMERIC: DECIMAL $\qquad$ b1_6b - SPECIAL VALUES 00 None
Unit of amount in Rupees E `b1_6b>0` E1 `(b1_6b*b1_6bu)<$err_lcu_val` M1 This is too high. Please check. W2 `(b1_6b*b1_6bu)<$warn_lcu_val` M2 This seems very high. Please check.	SINGLE-SELECT $\qquad$ b1_6bu 0001000 ◯ Thousand 1000000 ◯ Million
VARIABLE `b1_3a*AreaConv[(int)b1_3b].factor`	DOUBLE $\qquad$ area_parcel

[C] CROP PRODUCTION DURING %REFPERIOD%

Did you cultivate any crops during %refperiod%? E1 `parcelroster.Any(x=>x.b2_1a.Yes.ContainsAny(1,2)) ? self ==1 : true` M1 According to the answers before, the household cultivated homegardens and/or agricultural land. Therefore should be very likely that they cultivated crops! Please check.	SINGLE-SELECT $\qquad$ chg_1 01 ◯ Yes 00 ◯ No

CHG.3. Which crops did you cultivate during %refperiod%? E `chg_1==1`	MULTI-SELECT chg_3 502 ☐ RICE 200 ☐ COFFEE 201 ☐ TEA 202 ☐ RUBBER 300 ☐ BANANA 301 ☐ PLANTAIN 302 ☐ MANGO 303 ☐ PINEAPPLE 304 ☐ JACK FRUIT 305 ☐ PAPAYA 306 ☐ GUAVA 307 ☐ ORANGE 308 ☐ LEMON 309 ☐ LIME 310 ☐ APPLE 311 ☐ COCONUT **And 45 other symbols [8]**
Please specify Lainnya 1 E `chg_3.Contains(959)`	TEXT chg_3aoth ....
Please specify Lainnya 2 E `chg_3.Contains(960)`	TEXT chg_3both ....
Please specify Lainnya 3 E `chg_3.Contains(961)`	TEXT chg_3coth ....
Please specify Lainnya 4 E `chg_3.Contains(962)`	TEXT chg_3doth ....

[C] CROP PRODUCTION DURING %REFPERIOD%

Roster: CROPS HARVESTED FROM THIS HOMEGARDEN

generated by multi-select question chg_3   plotcrop1_hg

CHG.14. How much of %rostertitle% did you harvest during %refperiod%? I QUANTITY	NUMERIC: DECIMAL chg_14a
CHG.14b. UNIT OF HARVEST I UNIT E `chg_14a>0 && chg_14a!=888`	SINGLE-SELECT chg_14b 01 ○ KG 02 ○ TON 03 ○ GRAM 04 ○ BAG 05 ○ PIECES
CHG.14bbag. How many KGs does <u>ONE</u> <u>%chg_14b%</u> contain? E `chg_14b==4` E1 `self<=$err_qtybag` M1 The quantity of KG per BAG is too high. Please check. E2 `self>0` M2 This is not possible. KG per ONE BAG must be larger than zero. Please check.	NUMERIC: DECIMAL chg_14bbag

VARIABLE	DOUBLE	stand harvesthg1

`chg_14b.InList(1,2,3,5) ? chg_14a*WeightConv[(int)chg_14b].factor : chg_14a*chg_14bbag`

Did you have any costs related to any of the following during %refperiod% for cultivating crops?	MULTI-SELECT: YES/NO	chg 4

E `chg_1==1`

01 ☐ / ☐ HIRED LABOUR
02 ☐ / ☐ ORGANIC FERTILIZER
03 ☐ / ☐ INORGANIC FERTILIZER
04 ☐ / ☐ PESTICIDE
05 ☐ / ☐ OTHER COSTS

[C] CROP PRODUCTION DURING %REFPERIOD%
Roster: COSTS
generated by multi-select question chg 4   cost_crop

How much did you have to pay IN TOTAL during for %rostertitle% for cultivating crops during %refperiod%?	NUMERIC: DECIMAL	chg 5

W1 `self<1000`
M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	chg_5u

E `chg_5>0`
E1 `(chg_5*chg_5u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(chg_5*chg_5u)<$warn_lcu_val`
M2 This seems very high. Please check.

0001000 ◯ Thousand
1000000 ◯ Million

CHG.15. Did you sell any of the crops that you have harvested during %refperiod%?	SINGLE-SELECT	chg 15

E `chg_1==1`

01 ◯ Yes
00 ◯ No

CHG.16. Which of the following crops that you harvested between %refperiod% did you sell?	MULTI-SELECT	chg 16

F `chg_3.Contains(@optioncode)`
E `chg_15==1`

502 ☐ RICE
200 ☐ COFFEE
201 ☐ TEA
202 ☐ RUBBER
300 ☐ BANANA
301 ☐ PLANTAIN
302 ☐ MANGO
303 ☐ PINEAPPLE
304 ☐ JACK FRUIT
305 ☐ PAPAYA
306 ☐ GUAVA
307 ☐ ORANGE
308 ☐ LEMON
309 ☐ LIME
310 ☐ APPLE
311 ☐ COCONUT

And 47 other symbols [9]

[C] CROP PRODUCTION DURING %REFPERIOD%
Roster: HOME GARDEN CROPS DISPOSITION
generated by multi-select question chg 16   cropdisposition_hg

STATIC TEXT

E `@rowcode>=959`

Saat ini Anda membicarakan %rostertitle%.

Anda menyebutkannya sebagai: %other_crop%

VARIABLE	DOUBLE	stand harvestcrophg
`plotcrop1_hg[@rowcode].stand_harvesthg1`		

VARIABLE	STRING	other crop
`@rowcode==959? chg_3aoth : @rowcode==960? chg_3both : @rowcode==961? chg_3coth : @rowcode==962? chg_3doth : ""`		

CHG.17a. How much of %rostertitle% harvested was sold?

I QUANTITY OF SALES

NUMERIC: DECIMAL — chg 17a

CHG.17. UNIT OF SALES

I UNIT
E `chg_17a>0 && chg_17a!=888`
E1 `stand_harvestcrophg>=(chg_17b.InList(1,2,3,5) ? chg_17a*WeightConv[(int)chg_17b].factor : (int)0)`
M1 QUANTITY OF SALES CAN NOT BE LARGER THAN TOTAL HARVEST between %refperiod%. PLEASE CHECK [ENUMERATOR: TOTAL HARVEST IS: %stand_harvestcrophg%]

SINGLE-SELECT — chg 17b

- 01 ◯ KG
- 02 ◯ TON
- 03 ◯ GRAM
- 04 ◯ BAG
- 05 ◯ PIECES

CHG.17bbag. How many KGs does <u>ONE %chg_17b%</u> contain?

E `chg_17b==4`
E1 `self<=$err_qtybag`
M1 The quantity of KG per BAG is too high. Please check.
E2 `stand_harvestcrophg>=chg_17a*chg_17bbag`
M2 QUANTITY OF USE CAN NOT BE LARGER THAN TOTAL HARVEST between %refperiod%. PLEASE CHECK. [ENUMERATOR: TOTAL HARVEST: %stand_harvestcrophg%]
E3 `self>0`
M3 This is not possible. KG per ONE BAG must be larger than zero. Please check.

NUMERIC: DECIMAL — chg 17bbag

CHG.18. What was the total value of all sales of %rostertitle% harvested from your plots between %refperiod%?

I IN %lcu%
E1 `self>0`
M1 This seems unlikely. Please check.
W2 `self<1000`
M2 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL — chg_18

Unit of amount in Rupees

E `chg_18>0`
E1 `(chg_18*chg_18u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(chg_18*chg_18u)<$warn_lcu_val`
M2 This seems very high. Please check.

SINGLE-SELECT — chg_18u

- 0001000 ◯ Thousand
- 1000000 ◯ Million

[D] LIVESTOCK

During %refperiod%, have your or any member of your household <u>raised, kept or owned</u> any of the following livestock:	MULTI-SELECT: YES/NO	d1_1

I Can be either present on farm or elsewhere
E1 `self.Missing.Length==0`
M1 Respondent has not yet answered all questions on the ownership of livestock. Please continue until all questions have been asked.

101 ☐ / ☐ CALF/YOUNG CATTLE
102 ☐ / ☐ OLD/ADULT CATTLE
103 ☐ / ☐ DONKEY/MULE/HORSE
104 ☐ / ☐ GOAT
105 ☐ / ☐ SHEEP
106 ☐ / ☐ PIG
107 ☐ / ☐ POULTRY
999 ☐ / ☐ OTHER

D1.1oth. Please specify other.

E `d1_1.Yes.Contains(999)`

TEXT   d1_1oth

···

[D] LIVESTOCK
Roster: LIVESTOCK OF HOUSEHOLD
generated by multi-select question d1_1   roster_ls

D1.2.How many %rostertitle%'s are owned by your household now?

E `d1_1.Yes.Contains(@rowcode)`

NUMERIC: INTEGER   d1_2

D1.3. How many %rostertitle% are kept but not owned by your household now?

NUMERIC: INTEGER   d1_3

SPECIAL VALUES
00 NONE

D1.4.How many %rostertitle% were owned by your household exactly 12 months ago?

NUMERIC: INTEGER   d1_4

SPECIAL VALUES
00 NONE

D1.8. During %refperiod%, how many %rostertitle% did you buy to raise?

NUMERIC: INTEGER   d1_8

SPECIAL VALUES
00 NONE

D1.9. What was, on average, the value of each %rostertitle% bought during %refperiod% in %lcu%?

I Value in %lcu% THE AVERAGE VALUE OF ONE %rostertitle% BOUGHT!
E `d1_8>0`
E1 `self>0`
M1 The value must be larger than 0. Please check. 2
E2 `self<$err_lcu_val`
M2 This value is too high. Please check.
W3 `self<$warn_lcu_val`
M3 This seems very high. Please confirm.
W4 `self<1000`
M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU
 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   d1_9

Unit of amount in Rupees	SINGLE-SELECT	d1_9u
	0001000 ◯ Thousand	
	1000000 ◯ Million	

E `d1_9>0`
E1 `(d1_9*d1_9u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(d1_9*d1_9u)<$warn_lcu_val`
M2 This seems very high. Please check.

D1.10. During %refperiod%, how many %rostertitle% did you sell alive?

NUMERIC: INTEGER — d1_10

SPECIAL VALUES
00 NONE

D1.11. What was, on average, the value of each %rostertitle% sold alive during the last 12months in %lcu%?

NUMERIC: DECIMAL — d1_11

I Value in %lcu% THE AVERAGE VALUE OF ONE %rostertitle% SOLD ALIVE!
E `d1_10>0`
E1 `self>0`
M1 The value must be larger than zero. Please check.
E2 `self<$err_lcu_val`
M2 This value is too high. Please check.
W3 `self<$warn_lcu_val`
M3 This value seems very high. Please confirm.
W4 `self<1000`
M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	d1_11u
	0001000 ◯ Thousand	
	1000000 ◯ Million	

E `d1_11>0`
E1 `(d1_11*d1_11u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(d1_11*d1_11u)<$warn_lcu_val`
M2 This seems very high. Please check.

D1.12. During %refperiod%, how many %rostertitle% did you slaughter for sales or consumption?

NUMERIC: INTEGER — d1_12

SPECIAL VALUES
00 NONE

D1.13. What was, on average, the value of each %rostertitle% sold slaughtered during %refperiod%?

NUMERIC: DECIMAL — d1_13

E `d1_12>0`
E1 `self<$err_lcu_val`
M1 This value is too high. Please check.
E2 `self<$warn_lcu_val`
M2 This value seems very high. Please confirm.
W3 `self<1000`
M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees

- E `d1_13>0`
- E1 `(d1_13*d1_13u)<$err_lcu_val`
- M1 This is too high. Please check.
- W2 `(d1_13*d1_13u)<$warn_lcu_val`
- M2 This seems very high. Please check.

SINGLE-SELECT   d1_13u

0001000 ◯ Thousand
1000000 ◯ Million

D1.1BL. In %bl_refperiod%, have your or any member of your household <u>owned</u> any of the following livestock:

- I Could be either present on farm or elsewhere
- E1 `self.Missing.Length==0`
- M1 Respondent has not yet answered all questions on the ownership of livestock. Please continue until all questions have been asked.

MULTI-SELECT: YES/NO   d1bl_1

101	☐ / ☐	CALF CATTLE
102	☐ / ☐	ADULT CATTLE
103	☐ / ☐	DONKEY/MULE/HORSE
104	☐ / ☐	GOAT
105	☐ / ☐	SHEEP
106	☐ / ☐	PIG
107	☐ / ☐	POULTRY
999	☐ / ☐	OTHER

[D] LIVESTOCK

Roster: LIVESTOCK IN %BL_REFPERIOD%
generated by multi-select question d1bl_1   rosterbl_ls

- E `d1_1.No.Contains(@rowcode) && d1bl_1.Yes.Contains(@rowcode) && d1_1.Missing.Length==0 && d1bl_1.Missing.Length==0`

D1.2.How many %rostertitle%' have been owned by your household <u>in %bl_refperiod%</u>?

- E1 `self>0`
- M1 Respondent stated that household owned %rostertitle% in %bl_refperiod%. Quantity must therefore be larger than ZERO. Please check.

NUMERIC: INTEGER   d1bl1_2

D3.1. During %refperiod%, has your household produced any of the following items?

- E `d1_1.Yes.Length>0`
- E1 `self.Missing.Length==0`
- M1 Respondent has not yet answered all questions. Please continue until all questions have been asked.

MULTI-SELECT: YES/NO   d3_1

201	☐ / ☐	GHEE
202	☐ / ☐	EGG
203	☐ / ☐	YOGURT/CURD
204	☐ / ☐	CHEESE/COTTAGE CHEESE (CHUPREE/PANEER)
205	☐ / ☐	SKINS AND HIDES
206	☐ / ☐	WOOL
207	☐ / ☐	HONEY
208	☐ / ☐	WAX
209	☐ / ☐	DUNG CAKES (FUEL)
210	☐ / ☐	ANIMAL MANURE
999	☐ / ☐	OTHER

[D] LIVESTOCK

Roster: LIVESTOCK PRODUCT OF HOUSEHOLD
generated by multi-select question d3_1   roster_lsprod

D2.1oth. Please specify other.

- E `@rowcode==999`

TEXT   d3_1oth

D3.4a. During %refperiod%, how much of %rostertitle% did you produce?

- I Quantity
- E1 `self>0`
- M1 This is not possible. Respondent stated to have produced %rostertitle%. Quantity must be larger than zero.

NUMERIC: DECIMAL   d3_4a

D3.4b. UNIT	SINGLE-SELECT	d3_4b

I Unit
E d3_4a>0

- 01 ◯ KG
- 02 ◯ TON
- 03 ◯ GRAM
- 04 ◯ SACK
- 05 ◯ BUCKET
- 06 ◯ CART
- 07 ◯ BOTTLE
- 08 ◯ JAR
- 09 ◯ Dozen
- 10 ◯ Liter
- 11 ◯ EGG

D3.4bbag. How many KG/Liter does ONE %d3_4b% contain?

NUMERIC: DECIMAL   d3_4bbag

E !d3_4b.InList(1,2,3,9,10,11)
E1 self>0
M1 This is not possible. Please check.
E2 self<150
M2 This high quantity of one %d3_4b% seems unlikely. Please check.

VARIABLE

d3_4b.InList(1,2,3,9,10,11) ? d3_4a*WeightConv[(int)d3_4b].factor : d3_4a*d3_4bbag

DOUBLE   lsprod qty produc

D3.3. During %refperiod%, did you sell any %rostertitle% that you produced?

SINGLE-SELECT   d3_3

- 01 ◯ YES
- 00 ◯ NO

During which months between %refperiod% did you sell any %rostertitle%?

E d3_3==1

MULTI-SELECT   d3_3a

- 00 ☐ Every month of the year
- 01 ☐ September 2017
- 02 ☐ Oktober 2017
- 03 ☐ November 2017
- 04 ☐ Desember 2017
- 05 ☐ Januari 2018
- 06 ☐ Februari 2018
- 07 ☐ Maret 2018
- 08 ☐ April 2018
- 09 ☐ Mei 2018
- 10 ☐ Juni 2018
- 11 ☐ Juli 2018
- 12 ☐ Agustus 2018

D3.5a.How much did you sell during an AVERAGE MONTH THAT YOU SOLD %rostertitle%?

E d3_3==1

NUMERIC: DECIMAL   d3_5a

D3.5b. UNIT	SINGLE-SELECT	d3_5b

D3.5b. UNIT

I Unit
E `d3_5a>0`
E1 `self.InList(1,2,3,9,10,11) ? lsprod_qty_produc>=lsprod_qty_sold : true`
M1 QUANTITY OF SALES CAN NOT BE LARGER THAN QUANTITY OF PRODUCTION. [ENUMERATOR: TOTAL QUANTITY OF %rostertitle% PRODUCED IS: %lsprod_qty_produc%]

SINGLE-SELECT — d3_5b

- 01 ○ KG
- 02 ○ TON
- 03 ○ GRAM
- 04 ○ SACK
- 05 ○ BUCKET
- 06 ○ CART
- 07 ○ BOTTLE
- 08 ○ JAR
- 09 ○ Dozen
- 10 ○ Liter
- 11 ○ EGG

VARIABLE

`d3_5b.InList(1,2,3,9,10,11) && d3_4b==d3_5b ? d3_5a*WeightConv[(int)d3_4b].factor : (d3_5b.InList(1,2,3,9,10,11) && d3_4b!=d3_5b ? d3_5a*WeightConv[(int)d3_5b].factor: d3_5a*d3_5bbag)`

DOUBLE — lsprod_qty_sold

D3.5bbag. How many KG/Liter does ONE %d3_5b% contain?

E `!d3_5b.InList(1,2,3,9,10,11) && IsAnswered(d3_5a)`
E1 `self>0`
M1 This is not possible. Please check.
E2 `self.InRange(0,100)`
M2 This seems unlikely. Please check.
E3 `lsprod_qty_produc>=lsprod_qty_sold`
M3 QUANTITY OF SALES CAN NOT BE LARGER THAN QUANTITY OF PRODUCTION. [ENUMERATOR: TOTAL QUANTITY OF %rostertitle% PRODUCED IS: %lsprod_qty_produc%]

NUMERIC: INTEGER — d3_5bbag

D1.13. How much did you make from selling during an <u>AVERAGE MONTH THAT YOU SOLD %rostertitle%</u>?

I IN %lcu%
E `d3_5a>0`
E1 `self<$err_lcu_val`
M1 This value is too high. Please check.
E2 `self<$warn_lcu_val`
M2 This value seems very high. Please confirm.
W3 `self<1000`
M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL — d3_6

Unit of amount in Rupees

E `d3_6>0`
E1 `(d3_6*d3_6u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(d3_6*d3_6u)<$warn_lcu_val`
M2 This seems very high. Please check.

SINGLE-SELECT — d3_6u

- 0001000 ○ Thousand
- 1000000 ○ Million

[E] HOUSING

STATIC TEXT

ANSWER EACH OF THESE QUESTIONS BASED ON THE MOST MODERN/EXPENSIVE OPTION, IF THERE ARE MULTIPLE ANSWERS. E.G IF A HOUSEHOLD HAS TWO KITCHENS, THE RESPONSE SHOULD BE ENTERED FOR THE MOST MODERN/EXPENSIVE OF THE TWO KITCHENS.

E1.1 For how many years has this household been living in this dwelling?	NUMERIC: INTEGER	e1_1
E1 `self.InRange(0,100)` M1 This seems too far in the past. Please check.	SPECIAL VALUES 00 Moved in within the last 12 months.	

E1.2. On what basis does the household occupy the dwelling?	SINGLE-SELECT	e1_2
	001 ◯ PRIVATELY OWNED 002 ◯ FREE OF RENT 003 ◯ RENTED 999 ◯ OTHER	

E1.2oth. Please specify other.	TEXT	e1_2oth
E `e1_2==999`		

E1.3. How much do you pay to rent this dwelling?	NUMERIC: DECIMAL	e1_3
I IN Br E `e1_2==3` E1 `self<$err_lcu_val` M1 This seems unlikely. Please check. W2 `self<1000` M2 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. \ For example 10,000 %lcu% == 10 RIBU\ \ 1,000,000 %lcu% == 1 JUTA		

Unit of amount in Rupees	SINGLE-SELECT	e1_3u
E `e1_3>0` E1 `(e1_3*e1_3u)<$err_lcu_val` M1 This is too high. Please check. W2 `(e1_3*e1_3u)<$warn_lcu_val` M2 This seems very high. Please check.	0001000 ◯ Thousand 1000000 ◯ Million	

E1.3. UNIT OF RENT PAYMENT	SINGLE-SELECT	e1_3unit
E `e1_2==3`	01 ◯ PER YEAR 02 ◯ PER MONTH 03 ◯ PER WEEK 04 ◯ PER DAY	

E1.4. What material are the walls of the main dwelling predominantly made of?	SINGLE-SELECT	e1_4
	001 ◯ GRASS 002 ◯ MUD 003 ◯ COMPACTED EARTH 004 ◯ UNBAKED BRICK 005 ◯ BAKED BRICK 006 ◯ CONCRETE 007 ◯ WOOD 008 ◯ IRON SHEETS 009 ◯ ASBEST 999 ◯ OTHER (SPECIFY)	

E1.4oth. Please specify other.	TEXT	e1_4oth
E `e1_4==999`		

E1.5. What material is the roof of the main dwelling predominantly made of?	SINGLE-SELECT e1_5 001 ○ GRASS 002 ○ IRON SHEETS 003 ○ CLAY TILES 004 ○ CONCRETE 005 ○ PLASTIC SHEETING 006 ○ ASBEST 999 ○ OTHER (SPECIFY)
E1.5oth. Please specify other. E e1_5==999	TEXT e1_5oth ....
E1.6. What material is the floor of the main dwelling predominantly made of?	SINGLE-SELECT e1_6 001 ○ SAND 002 ○ SMOOTHED MUD 003 ○ SMOOTH CEMENT 004 ○ WOOD 005 ○ TILE/KERAMIK 999 ○ OTHER (SPECIFY)
E1.6oth. Please specify other. E e1_6==999	TEXT e1_6oth ....
E1.7. How many <u>seperate rooms</u> do the members of your household occupy? E1 self.InRange(0,15) M1 This seems unlikely. Please check.	NUMERIC: INTEGER e1_7 — — — — — — — — — — — — — — — —
Is your <u>MAIN DWELLING</u> a floating house/boat?	SINGLE-SELECT e1_7a 01 ○ Yes 00 ○ No
E1.8. What kind of toilet facility does your household use?	SINGLE-SELECT e1_8 001 ○ Flush/pour flush to piped sewer system 002 ○ Flush/pour flush to septic tank 003 ○ Flush/pour flush to pit latrine 004 ○ Flush/pour flush to elsewhere 005 ○ Flush/pour flush to unknown place/not sure/DK where 006 ○ Ventilated improved pit latrine (VIP) 007 ○ Pit latrine with slab 008 ○ Pit latrine without slab/open pit 009 ○ Composting toilet 010 ○ Bucket 011 ○ Hanging toilet/hanging latrine 012 ○ No facilities or bush or field 999 ○ OTHER
E1.8oth. Please specify other. E e1_8==999	TEXT e1_8oth ....

E1.9. Do you have electricity working in your dwelling?	SINGLE-SELECT	e1_9
	01 ⭕ YES	
	00 ⭕ NO	
E1.10. What is your main source of lighting fuel? F e1_9==0 ? @optioncode>1 : true	SINGLE-SELECT	e1_10
	001 ⭕ Electricity	
	002 ⭕ Biogas	
	003 ⭕ Kerosene	
	004 ⭕ Charcoal	
	005 ⭕ Wood	
	006 ⭕ Straw/shrubs/grass	
	007 ⭕ LPG/Natural Gas	
	999 ⭕ OTHER	
E1.10oth. Please specify other. E e1_10==999	TEXT	e1_10oth
	··	
E1.11. What is the main source of cooking fuel? F e1_9==0 ? @optioncode>1 : true	SINGLE-SELECT	e1_11
	001 ⭕ Electricity	
	002 ⭕ Biogas	
	003 ⭕ Kerosene	
	004 ⭕ Charcoal	
	005 ⭕ Wood	
	006 ⭕ Straw/shrubs/grass	
	007 ⭕ LPG/Natural Gas	
	008 ⭕ Cow dung	
	999 ⭕ OTHER	
E1.11oth. Please specify other. E e1_11==999	TEXT	e1_11oth
	··	
E1.12. What is your main source of drinking water?	SINGLE-SELECT	e1_12
	001 ⭕ Piped into dwelling	
	002 ⭕ Piped to yard/plot	
	003 ⭕ Public tap/standpipe	
	004 ⭕ Protected well in dwelling	
	005 ⭕ Protected well in yard/plot	
	006 ⭕ Protected public well	
	007 ⭕ Bottled/refill water	
	008 ⭕ Open well in dwelling	
	009 ⭕ Open well in yard/plot	
	010 ⭕ Open public well	
	011 ⭕ Spring	
	012 ⭕ River/stream	
	013 ⭕ Pond/lake	
	014 ⭕ Dam	
	015 ⭕ Rainwater	
	016 ⭕ Tanker truck	
	And 1 other symbols [10]	
E1.12oth. Please specify other. E e1_12==999	TEXT	e1_12oth
	··	

E1.13. How long does it take you to walk (ONE WAY) to the main water source from your dwelling?	NUMERIC: INTEGER	e1 13

I ONE WAY. IN MINUTES.	SPECIAL VALUES	
E !e1_12.InList(1,4,7,8)	01 RIGHT NEXT TO HOUSEHOLD	
E1 self.InRange(1,360)		
M1 This seems unlikely. Please check.		

[F] ASSETS

FISHERY ASSETS

STATIC TEXT

F2.1. How many of the following items does your HOUSEHOLD <u>CURRENTLY OWN</u>?

TRAMMEL NET	NUMERIC: INTEGER	f2 1 1a

	SPECIAL VALUES	
	00 NONE	

BANGANG PERAH	NUMERIC: INTEGER	f2 1 2a

	SPECIAL VALUES	
	00 NONE	

MINI TRAWL	NUMERIC: INTEGER	f2 1 3a

	SPECIAL VALUES	
	00 NONE	

PUSH NET (DARI)	NUMERIC: INTEGER	f2 1 5a

	SPECIAL VALUES	
	00 NONE	

GILL NET	NUMERIC: INTEGER	f2_1_6a

	SPECIAL VALUES	
	00 NONE	

TRAP (BELAT)	NUMERIC: INTEGER	f2_1_7a

	SPECIAL VALUES	
	00 NONE	

TIDAL TRAP (TOGO)	NUMERIC: INTEGER f2 1 8a
	SPECIAL VALUES 00 NONE
PURSE SEINE	NUMERIC: INTEGER f2 1 9a
	SPECIAL VALUES 00 NONE
DOGOL	NUMERIC: INTEGER f2 1 10a
	SPECIAL VALUES 00 NONE
PAYANG	NUMERIC: INTEGER f2_1_11a
	SPECIAL VALUES 00 NONE
CANTRANG	NUMERIC: INTEGER f2_1_12a
	SPECIAL VALUES 00 NONE
LEMPARA	NUMERIC: INTEGER f2_1_13a
	SPECIAL VALUES 00 NONE
TRAWL PUKAT TARIK	NUMERIC: INTEGER f2 1 14a
	SPECIAL VALUES 00 NONE
LIFT NET JARING ANGKAT	NUMERIC: INTEGER f2 1 15a
	SPECIAL VALUES 00 NONE
TROLL LINE PANCING TONDA	NUMERIC: INTEGER f2 1 16a
	SPECIAL VALUES 00 NONE

LONGLINE HOOK PANCING RAWE	NUMERIC: INTEGER	f2_1_17a
	SPECIAL VALUES 00 NONE	
HANDLINE PANCING BIASA	NUMERIC: INTEGER	f2_1_18a
	SPECIAL VALUES 00 NONE	
SPEAR GUN	NUMERIC: INTEGER	f2_1_19a
	SPECIAL VALUES 00 NONE	
RUMPON (FISH AGGREGATING DEVICE)	NUMERIC: INTEGER	f2_1_20a
	SPECIAL VALUES 00 NONE	
FISH TRAP/BUBU	NUMERIC: INTEGER	f2_1_21a
	SPECIAL VALUES 00 NONE	
VERTICAL LINE	NUMERIC: INTEGER	f2_1_22a
	SPECIAL VALUES 00 NONE	
AERATOR	NUMERIC: INTEGER	f2_1_23a
	SPECIAL VALUES 00 NONE	
PUMP	NUMERIC: INTEGER	f2_1_24a
	SPECIAL VALUES 00 NONE	
FLASH LIGHT	NUMERIC: INTEGER	f2_1_25a
	SPECIAL VALUES 00 NONE	

RADIO COMMUNICATION DEVICE	NUMERIC: INTEGER	f2 1 26a

	SPECIAL VALUES	
	00 NONE	

COMPRESSOR (Potash, Explosive)	NUMERIC: INTEGER	f2 1 27a

	SPECIAL VALUES	
	00 NONE	

BANGAN TANCAP	NUMERIC: INTEGER	f2 1 28a

	SPECIAL VALUES	
	00 NONE	

VARIABLE	BOOLEAN	fishasset
f2boat_1a.Yes.Length>1 || f2_1_1a>0 || f2_1_2a>0 || f2_1_3a>0 || f2_1_5a>0 || f2_1_6a>0 || f2_1_7a>0 || f2_1_8a>0 || f2_1_9a>0 || f2_1_10a>0 || f2_1_11a>0 || f2_1_12a>0 || f2_1_ And 249 other symbols [1]		

STATIC TEXT

E `fishasset==true && r1_1b==0`
V1 `false`

PERHATIAN!

Berdasarkan jawaban tersebut, rumah tangga memili setidaknya SATU PERALATAN MELAUT.

Namun, pada bagian penamgkapan ikan anda menyebutkan bakwa rumah tangga tidak memiliki peralatan MELAUT. Tolong kembali pada bagian [R] Dan periksa kembali jawaban Anda.

Does your household CURRENTLY OWN any of the following BOATS?	MULTI-SELECT: YES/NO	f2boat 1a
	100 ☐ / ☐ CANOE	
	101 ☐ / ☐ BOAT	

[F] ASSETS / FISHERY ASSETS
Roster: FISH ASSETS
generated by multi-select question `f2boat 1a`   asset_boat

How many of %rostertitle% are currently owned by your HOUSEHOLD?	NUMERIC: INTEGER	f2boat_2

E `@rowcode==100`
E1 `self>0`
M1 According to the answer given before, the respondent currently owns this gear item

How many of %rostertitle% are currently owned by your HOUSEHOLD?	NUMERIC: INTEGER	f2boat_2b
	-------------------------------------	

E `@rowcode==101`
E1 `self>0`
M1 According to the answer given before, the respondent currently owns a boat.

[F] ASSETS / FISHERY ASSETS / FISH ASSETS
Roster: %ROSTERTITLE%

How is this %rowboat%. %asset_boat% powered?	SINGLE-SELECT	f2_engine

01 ◯ Inboard Engine
02 ◯ Outboard Engine
03 ◯ Manual rowing
04 ◯ Air Sails

What is the HP/PK of this %f2_engine%?

NUMERIC: INTEGER   f2_power1

I STATE THE HORSE POWER OF THE ENINGE. ENTER 888 IF DON'T KNOW

E `f2_engine.InList(1,2)`

E1 `self<30 || self==888`

M1 It is unlikely that a household has an engine with such a strong Horsepower. Please check.

VARIABLE

`@rowcode+1`

DOUBLE   rowboat

What is the GROSS TONNAGE (GT) of this %rowboat%. %asset_boat%?

NUMERIC: INTEGER   f2_boat2

I ENTER 888 IF DON'T KNOW. GROSS TONNAGE IS A MEASURE OF VOLUME.

What is the LENGTH of this %rowboat%. %asset_boat%?

NUMERIC: DECIMAL   f2_boat2a

I IN METERS

E `f2_boat2==888`

E1 `self>0`

M1 This is not possible. Please check.

What is the WIDTH of this %rowboat%. %asset_boat%?

NUMERIC: DECIMAL   f2_boat2b

I IN METERS

E `f2_boat2==888`

E1 `self>0`

M1 This is not possible. Please check.

What is the DEPTH of this %rowboat%. %asset_boat%?

NUMERIC: DECIMAL   f2_boat2c

I IN METERS

E `f2_boat2==888`

E1 `self>0`

M1 This is not possible. Please check.

What is this %rowboat%. %asset_boat% made of?

MULTI-SELECT   f2_boat3

01 ☐ Wood
02 ☐ Fiberglass

Siapa yang memiliki perahu ini?

SINGLE-SELECT   f2_boat5

01 ◯ Hanya rumah tangga ini
02 ◯ Dimiliki bersama oleh kelompok

How many units of %rostertitle% did you or any member of your household purchase during %refperiod%?

NUMERIC: INTEGER   f2boat_3

SPECIAL VALUES

00 None

How much did your household pay to purchase IN TOTAL to buy %f2boat_3% %rostertitle% during %refperiod%?	NUMERIC: INTEGER	f2boat_4

E `f2boat_3>0`
E1 `self>0`
M1 This is not possible. Respondent stated that they have purchased %rostertitle%. Please check.
W2 `self<1000`
M2 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	f2boat_4u

0001000 ◯ Thousand
1000000 ◯ Million

E `f2boat_4>0`
E1 `(f2boat_4*f2boat_4u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(f2boat_4*f2boat_4u)<$warn_lcu_val`
M2 This seems very high. Please check.

[F] ASSETS / FISHERY ASSETS
FISHERY ASSETS OWNED IN %BL_REFPERIOD%

STATIC TEXT

F2.1. How many of the following items did your HOUSEHOLD own in %bl_refperiod%:

TRAMMEL NET	NUMERIC: INTEGER	f2_1bl_1a

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

MINI TRAWL	NUMERIC: INTEGER	f2_1bl_2a

E `IsAnswered(f2_1bl_1a)`

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

PUSH NET (DARI)	NUMERIC: INTEGER	f2_1bl_3a

E `IsAnswered(f2_1bl_2a)`

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

GILL NET	NUMERIC: INTEGER	f2_1bl_4a

E `IsAnswered(f2_1bl_3a)`

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

TRAP (BELAT)

E `IsAnswered(f2_1bl_4a)`

NUMERIC: INTEGER   f2_1bl_5a

SPECIAL VALUES

000 NONE

888 CAN'T REMEMBER/DON'T KNOW

TIDAL TRAP (TOGO)

E `IsAnswered(f2_1bl_5a)`

NUMERIC: INTEGER   f2_1bl_6a

SPECIAL VALUES

000 NONE

888 CAN'T REMEMBER/DON'T KNOW

PURSE SEINE

E `IsAnswered(f2_1bl_6a)`

NUMERIC: INTEGER   f2_1bl_7a

SPECIAL VALUES

000 NONE

888 CAN'T REMEMBER/DON'T KNOW

DOGOL

E `IsAnswered(f2_1bl_7a)`

NUMERIC: INTEGER   f2_1bl_8a

SPECIAL VALUES

000 NONE

888 CAN'T REMEMBER/DON'T KNOW

PAYANG

E `IsAnswered(f2_1bl_8a)`

NUMERIC: INTEGER   f2_1bl_9a

SPECIAL VALUES

000 NONE

888 CAN'T REMEMBER/DON'T KNOW

CANTRANG

E `IsAnswered(f2_1bl_9a)`

NUMERIC: INTEGER   f2_1bl_10a

SPECIAL VALUES

000 NONE

888 CAN'T REMEMBER/DON'T KNOW

LEMPARA

E `IsAnswered(f2_1bl_10a)`

NUMERIC: INTEGER   f2_1bl_11a

SPECIAL VALUES

000 NONE

888 CAN'T REMEMBER/DON'T KNOW

TRAWL PUKAT TARIK

E `IsAnswered(f2_1bl_11a)`

NUMERIC: INTEGER   f2_1bl_12a

SPECIAL VALUES

000 NONE

888 CAN'T REMEMBER/DON'T KNOW

LIFT NET JARING ANGKAT	NUMERIC: INTEGER	f2_1bl_13a

E IsAnswered(f2_1bl_12a)

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

TROLL LINE PANCING TONDA	NUMERIC: INTEGER	f2_1bl_14a

E IsAnswered(f2_1bl_13a)

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

LONGLINE HOOK PANCING RAWE	NUMERIC: INTEGER	f2_1bl_15a

E IsAnswered(f2_1bl_14a)

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

RUMPON (FISH AGGREGATING DEVICE)	NUMERIC: INTEGER	f2_1bl_18a

E IsAnswered(f2_1bl_15a)

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

FISH TRAP/BUBU	NUMERIC: INTEGER	f2_1bl_19a

E IsAnswered(f2_1bl_18a)

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

VERTICAL LINE	NUMERIC: INTEGER	f2_1bl_20a

E IsAnswered(f2_1bl_19a)

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

AERATOR	NUMERIC: INTEGER	f2_1bl_21a

E IsAnswered(f2_1bl_20a)

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

PUMP	NUMERIC: INTEGER	f2_1bl_22a

E IsAnswered(f2_1bl_21a)

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

COMPRESSOR (Potash, Explosive)	NUMERIC: INTEGER	f2_1bl_25a

E IsAnswered(f2_1bl_22a)

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

[F] ASSETS
HOUSEHOLD ASSETS

STATIC TEXT

F2.1. How many of the following items does your household <u>CURRENTLY OWN</u>?

Radio

NUMERIC: INTEGER · f1_1_1a

SPECIAL VALUES
00 NONE

Television

E IsAnswered(f1_1_1a)

NUMERIC: INTEGER · f1_1_2a

SPECIAL VALUES
00 NONE

Smartphone

E IsAnswered(f1_1_2a)

NUMERIC: INTEGER · f1_1_3a

SPECIAL VALUES
00 NONE

Non-mobile telephone

E IsAnswered(f1_1_3a)

NUMERIC: INTEGER · f1_1_4a

SPECIAL VALUES
00 NONE

Refrigerator

E IsAnswered(f1_1_4a)

NUMERIC: INTEGER · f1_1_5a

SPECIAL VALUES
00 NONE

Bicycle

E IsAnswered(f1_1_5a)

NUMERIC: INTEGER · f1_1_6a

SPECIAL VALUES
00 NONE

Motorcycle/scooter

E IsAnswered(f1_1_6a)

NUMERIC: INTEGER · f1_1_7a

SPECIAL VALUES
00 NONE

Animal drawn cart	NUMERIC: INTEGER	f1_1_8a
E IsAnswered(f1_1_7a)	----------------------------------	
	SPECIAL VALUES	
	00 NONE	

TRACTOR	NUMERIC: INTEGER	f1_1_23a

	SPECIAL VALUES	
	00 NONE	

Car/truck	NUMERIC: INTEGER	f1_1_9a
E IsAnswered(f1_1_8a)	----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Three-wheel motorcycle	NUMERIC: INTEGER	f1_1_22a
E IsAnswered(f1_1_9a)	----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Sewing machine	NUMERIC: INTEGER	f1_1_10a
E IsAnswered(f1_1_22a)	----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Iron (for clothes)	NUMERIC: INTEGER	f1_1_11a
E IsAnswered(f1_1_10a)	----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Freezer	NUMERIC: INTEGER	f1_1_12a
E IsAnswered(f1_1_11a)	----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Charcoal stove	NUMERIC: INTEGER	f1_1_13a
E IsAnswered(f1_1_12a)	----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Kerosene/paraffin stove	NUMERIC: INTEGER	f1_1_14a
E IsAnswered(f1_1_13a)	----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Electric/gas stove	NUMERIC: INTEGER	f1_1_15a
E IsAnswered(f1_1_14a)	-----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Tape/CD/audio player	NUMERIC: INTEGER	f1_1_16a
E IsAnswered(f1_1_15a)	-----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Satellite dish	NUMERIC: INTEGER	f1_1_17a
E IsAnswered(f1_1_16a)	-----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Solar panel	NUMERIC: INTEGER	f1_1_18a
E IsAnswered(f1_1_17a)	-----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Generator	NUMERIC: INTEGER	f1_1_19a
E IsAnswered(f1_1_18a)	-----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Computer	NUMERIC: INTEGER	f1_1_20a
E IsAnswered(f1_1_19a)	-----------------------------------	
	SPECIAL VALUES	
	00 NONE	

Jewelry / Watches	NUMERIC: INTEGER	f1_1_21a
E IsAnswered(f1_1_20a)	-----------------------------------	
	SPECIAL VALUES	
	00 NONE	

[F] ASSETS / HOUSEHOLD ASSETS
HOUSEHOLD ASSETS OWNED IN %BL_REFPERIOD%

STATIC TEXT

F2.1. How many of the following items did your household <u>OWN IN %bl_refperiod%</u>?

Television	NUMERIC: INTEGER	f1bl_1_2a

	SPECIAL VALUES	
	000 NONE	
	888 CAN'T REMEMBER/DON'T KNOW	

Smartphone	NUMERIC: INTEGER	f1bl_1_3a

E `IsAnswered(f1bl_1_2a)`

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

Refrigerator	NUMERIC: INTEGER	f1bl_1_5a

E `IsAnswered(f1bl_1_3a)`

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

Motorcycle/scooter	NUMERIC: INTEGER	f1bl_1_7a

E `IsAnswered(f1bl_1_5a)`

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

Car/truck	NUMERIC: INTEGER	f1bl_1_9a

E `IsAnswered(f1bl_1_7a)`

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

TRACTOR	NUMERIC: INTEGER	f1bl_1_21a

SPECIAL VALUES
00 NONE

Three-wheel motorcycle.	NUMERIC: INTEGER	f1bl_1_22a

E `IsAnswered(f1bl_1_9a)`

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

Freezer	NUMERIC: INTEGER	f1bl_1_12a

E `IsAnswered(f1bl_1_22a)`

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

Satellite dish	NUMERIC: INTEGER	f1bl_1_17a

E `IsAnswered(f1bl_1_12a)`

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

Computer	NUMERIC: INTEGER	f1bl 1 20a

E `IsAnswered(f1bl_1_17a)`

SPECIAL VALUES
000 NONE
888 CAN'T REMEMBER/DON'T KNOW

[F] ASSETS
AGRICULTURAL ASSETS

E `chg_1==1 || b1_0==1 || d1_1.Yes.Length>0`

[F] ASSETS / AGRICULTURAL ASSETS
IMPLEMENTS

E `chg_1==1 || b1_0==1`

STATIC TEXT

F3.1. How many of the following items does your household <u>CURRENTLY OWN</u>?

HAND HOE	NUMERIC: INTEGER	f3 1a

SPECIAL VALUES
00 NONE

SLASHER	NUMERIC: INTEGER	f3 2a

E `IsAnswered(f3_1a)`

SPECIAL VALUES
00 NONE

AXE	NUMERIC: INTEGER	f3 3a

E `IsAnswered(f3_2a)`

SPECIAL VALUES
00 NONE

SAW	NUMERIC: INTEGER	f3 4a

E `IsAnswered(f3_3a)`

SPECIAL VALUES
00 NONE

SPRAYER	NUMERIC: INTEGER	f3 5a

E `IsAnswered(f3_4a)`

SPECIAL VALUES
00 NONE

PANGA KNIFE / MACHETE	NUMERIC: INTEGER	f3_6a

E `IsAnswered(f3_5a)`

SPECIAL VALUES
00 NONE

SICKLE	NUMERIC: INTEGER	f3_7a
E IsAnswered(f3_6a)	--------------------------------	
	SPECIAL VALUES 00 NONE	

SPADE	NUMERIC: INTEGER	f3_8a
E IsAnswered(f3_7a)	--------------------------------	
	SPECIAL VALUES 00 NONE	

WATERING CAN	NUMERIC: INTEGER	f3_9a
E IsAnswered(f3_8a)	--------------------------------	
	SPECIAL VALUES 00 NONE	

FORK	NUMERIC: INTEGER	f3_27a
E IsAnswered(f3_9a)	--------------------------------	
	SPECIAL VALUES 00 NONE	

HOSE	NUMERIC: INTEGER	f3_28a
E IsAnswered(f3_27a)	--------------------------------	
	SPECIAL VALUES 00 NONE	

WATER TANK	NUMERIC: INTEGER	f3_29a
E IsAnswered(f3_28a)	--------------------------------	
	SPECIAL VALUES 00 NONE	

[F] ASSETS / AGRICULTURAL ASSETS
MACHINERY

E chg_1==1 || b1_0==1

STATIC TEXT

F3.1. How many of the following items does your household <u>CURRENTLY OWN</u>?

HAND CART/WHEELBARROW	NUMERIC: INTEGER	f3_10a

	SPECIAL VALUES 00 NONE	

OX CART	NUMERIC: INTEGER	f3_11a
E IsAnswered(f3_10a)	--------------------------------	
	SPECIAL VALUES 00 NONE	

OX PLOUGH

E `IsAnswered(f3_11a)`

NUMERIC: INTEGER   f3_12a

SPECIAL VALUES

00 **NONE**

TRACTOR PLOUGH

NUMERIC: INTEGER   f3_14a

SPECIAL VALUES

00 **NONE**

MOTORISED PUMP

E `IsAnswered(f3_14a)`

NUMERIC: INTEGER   f3_15a

SPECIAL VALUES

00 **NONE**

MECHANICAL DRYER

E `IsAnswered(f3_15a)`

NUMERIC: INTEGER   f3_16a

SPECIAL VALUES

00 **NONE**

SOLAR DRYER

E `IsAnswered(f3_16a)`

NUMERIC: INTEGER   f3_17a

SPECIAL VALUES

00 **NONE**

GRAIN MILL

E `IsAnswered(f3_17a)`

NUMERIC: INTEGER   f3_18a

SPECIAL VALUES

00 **NONE**

UNDERGROUND WATER PUMP

E `IsAnswered(f3_18a)`

NUMERIC: INTEGER   f3_19a

SPECIAL VALUES

00 **NONE**

MOWER

E `IsAnswered(f3_19a)`

NUMERIC: INTEGER   f3_20a

SPECIAL VALUES

00 **NONE**

[F] ASSETS / AGRICULTURAL ASSETS
STRUCTURES/BUILDINGS

E `d1_1.Yes.Length>0`

STATIC TEXT

F3.1. How many of the following items does your household <u>CURRENTLY OWN</u>?

POULTRY HOUSE	NUMERIC: INTEGER	f3_25a
	- -	
	SPECIAL VALUES	
	00 NONE	

LIVESTOCK ENCLOSURE	NUMERIC: INTEGER	f3_26a
E `IsAnswered(f3_25a)`	- -	
	SPECIAL VALUES	
	00 NONE	

STORAGE HOUSE	NUMERIC: INTEGER	f3_21a
E `IsAnswered(f3_26a)`	- -	
	SPECIAL VALUES	
	00 NONE	

GRANARY	NUMERIC: INTEGER	f3_22a
E `IsAnswered(f3_21a)`	- -	
	SPECIAL VALUES	
	00 NONE	

LIVESTOCK BARN	NUMERIC: INTEGER	f3_23a
E `IsAnswered(f3_22a)`	- -	
	SPECIAL VALUES	
	00 NONE	

PIG STY	NUMERIC: INTEGER	f3_24a
E `IsAnswered(f3_23a)`	- -	
	SPECIAL VALUES	
	00 NONE	

Do you own any NON-AGRICULTURAL LAND?	SINGLE-SELECT	f4_1
I For example land that can be used for construction etc.	01 ◯ Yes	
	00 ◯ No	

What is the TOTAL AREA of NON-CULTIVATION LAND that you own?	NUMERIC: DECIMAL	f4_2
E `f4_1==1`	- -	
E1 `self>0`		
M1 Must be larger than zero. Please check.		

Specify MEASUREMENT UNIT	SINGLE-SELECT	f4_3
E `f4_1==1`	01 ◯ HECTARE	
	02 ◯ SQUARE METER	
	03 ◯ ACRE	

[G] FOOD CONSUMPTION / SECURITY

FOOD CONSUMPTION

VARIABLE	STRING	recall
`start_visitdate.Value.Date.AddDays(-7).ToString("dddd, MMM dd")`		

STATIC TEXT

RESPONDENT SHOULD BE MEMBER MOST FAMILIAR WITH HOUSEHOLD MEAL PREPARATION

STATIC TEXT

ENUMERATOR, PLEASE READ: Now we would like to dicuss what your family ate or drank at home since %recall% (in the last 7 days).

G1.1. Did you or anyone in the household eat or drink the following food items since %recall% (In the last 7 days)?	MULTI-SELECT: YES/NO	g1_1
E1 `self.Missing.Length==0` M1 Respondent has not answered yet every question. Please continue.	01 ☐ / ☐ Cereals and Grains 02 ☐ / ☐ Roots and Tubers 03 ☐ / ☐ Legumes / Nuts 04 ☐ / ☐ Vegetables 05 ☐ / ☐ Fruits 06 ☐ / ☐ Processed Fish 07 ☐ / ☐ Shell Fish 08 ☐ / ☐ Fish 09 ☐ / ☐ Seaweed 10 ☐ / ☐ Meat 11 ☐ / ☐ Liver, kidney, heart and / or other organ meats 12 ☐ / ☐ Eggs 13 ☐ / ☐ Milk and other dairy products 14 ☐ / ☐ Oil / fat / butter 15 ☐ / ☐ Sugar, or sweet 16 ☐ / ☐ Condiments /Spices	

[G] FOOD CONSUMPTION / SECURITY

FOOD INSECURITY EXPERIENCE

G2.1. During %refperiod%, was there a time when you were worried you would not have enough food to eat because of a lack of money or other resources?	SINGLE-SELECT	g2_1
	001 ◯ Yes 000 ◯ No 888 ◯ Don't know 777 ◯ Refused	

G2.2. Still thinking about %refperiod%, was there a time when you were unable to eat healthy and nutritious food because of a lack of money or other resources?	SINGLE-SELECT	g2_2
	001 ◯ Yes 000 ◯ No 888 ◯ Don't know 777 ◯ Refused	

G2.3. During %refperiod%, was there a time when you or others in your household ate only a few kinds of foods because of a lack of money or other resources?	SINGLE-SELECT	g2_3
	001 ◯ Yes 000 ◯ No 888 ◯ Don't know 777 ◯ Refused	

G2.4. During %refperiod%, was there a time when you or others in your household had to skip a meal because there was not enough money or other resources to get food?	SINGLE-SELECT g2_4 001 ◯ Yes 000 ◯ No 888 ◯ Don't know 777 ◯ Refused
G2.5. Still thinking about %refperiod%, was there a time when you ate less than you thought you should because of a lack of money or other resources?	SINGLE-SELECT g2_5 001 ◯ Yes 000 ◯ No 888 ◯ Don't know 777 ◯ Refused
G2.6. During %refperiod%, was there a time when your household ran out of food because of a lack of money or other resources?	SINGLE-SELECT g2_6 001 ◯ Yes 000 ◯ No 888 ◯ Don't know 777 ◯ Refused
G2.7. During %refperiod%, was there a time when you or others in your household were hungry but did not eat because there was not enough money or other resources for food?	SINGLE-SELECT g2_7 001 ◯ Yes 000 ◯ No 888 ◯ Don't know 777 ◯ Refused
G2.8. During %refperiod%, was there a time when you went without eating for a whole day because of a lack of money or other resources?	SINGLE-SELECT g2_8 001 ◯ Yes 000 ◯ No 888 ◯ Don't know 777 ◯ Refused

[H] ENTERPRISES

H1.0. During %refperiod%, did you OR anyone in your household run any micro-businesses/enterprises? I PROVID EXAMPLES OF ENTERPRISES SUCH AS: AGRO-PROCESSING (CROP) MANUFACTURING REPAIR / SERVICE PROVIDER CONSTRUCTION RETAIL TRADE OF AGRICULTURAL PRODUCTS TRADE OF FISH PRODUCTS TRADE OF NON-AG/NON And 133 other symbols [1]	SINGLE-SELECT h1_0 01 ◯ YES 00 ◯ NO
H1.1. Please list all enterprises that the household or household members operated during %refperiod% E h1_0==1	LIST h1_1 •┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄•

[H] ENTERPRISES
Roster: ENTERPRISE
generated by list question h1_1   roster_enterprise

H1.2. What type of business is %rostertitle%?	SINGLE-SELECT	h1_2
I WHERE MULTIPLE TYPES OF GOOD OR SERVICE ARE PROVIDED, SELECT THE MAIN ONE. AGRICULTURAL / LIVESTOCK PRODUCTION SHOULD BE CAPTURED IN THE RELEVANT MODULES	017 ◯ ECO-TOURISM 014 ◯ TOURISM 015 ◯ COMMERCE 016 ◯ SERVICES 001 ◯ AGRO-PROCESSING (CROP) 002 ◯ MANUFACTURING 003 ◯ REPAIR / SERVICE PROVIDER 004 ◯ CONSTRUCTION 005 ◯ RETAIL 006 ◯ TRADE OF AGRICULTURAL PRODUCTS 007 ◯ TRADE OF FISH PRODUCTS 008 ◯ TRADE OF NON-AG/NON FISH PRODUCTS 009 ◯ RESTAURANT / BAR / HOSPITALITY 010 ◯ TRANSPORTATION 011 ◯ EDUCATION 012 ◯ HEALTH CARE And 2 other symbols [11]	

H1.2oth. Please specify	TEXT	h1_2oth
E h1_2==999	....	

H1.3. Who in the household manages %rostertitle%, or is most familiar with it?	MULTI-SELECT: LINKED	h1_3
I SELECT UP TO TWO FROM HOUSEHOLD ROSTER F a1_6a>12		

Whom do you run this enterprise with?	SINGLE-SELECT	h1_4
	01 ◯ Only with member of this household 02 ◯ Also with non-household members	

H1.4a. How many MALES outside of the household are co-managers of %rostertitle%?	NUMERIC: INTEGER	h1_4a
I MANAGERS REFER TO PEOPLE THAT TAKE DECISIONS FOR THIS ENTERPRISE. E h1_4==2 E1 self.InRange(0,10) M1 This seems unlikely. Please check.	- SPECIAL VALUES 00 NONE	

H1.4b. How many FEMALES outside of the household are co-managers of %rostertitle%?	NUMERIC: INTEGER	h1_4b
I MANAGERS REFER TO PEOPLE THAT TAKE DECISIONS FOR THIS ENTERPRISE. E h1_4==2 E1 self.InRange(0,10) M1 This seems unlikely. Please check. E2 h1_4a>0 || h1_4b>0 M2 This is not possible. According to the answers before, this enterprise is run as a group. There needs to be at least one co-manager of this enterprise.	- SPECIAL VALUES 00 NONE	

H1.5. What share of the profits from %rostertitle% are kept by your household rather than other managers? E `h1_4==2`	SINGLE-SELECT h1 5 01 ◯ ALMOST NONE 02 ◯ ABOUT 25 % 03 ◯ ABOUT 50% 04 ◯ ABOUT 75% 05 ◯ ALMOST ALL
H1.6a. When became enterprise %rostertitle% operational? I YEAR E1 `self<=IntYear` M1 The year can not be in the future. Please check. E2 `self>1900` M2 This seems too far in the past. Please check. W3 `self>1970 || self<=1900` M3 This seems very old. Please confirm.	NUMERIC: INTEGER h1 6a --
H1.7. Which household members worked in %rostertitle% during %refperiod% E `hhsize>1`	MULTI-SELECT: LINKED h1 7
H1.9. During %refperiod%, during which months was %rostertitle% operating? E1 `self.ContainsOnly(0) || !self.Contains(0)` M1 These answer options exlucde each other. Please check.	MULTI-SELECT h1 9 00 ☐ Every month of the year 01 ☐ September 2017 02 ☐ Oktober 2017 03 ☐ November 2017 04 ☐ Desember 2017 05 ☐ Januari 2018 06 ☐ Februari 2018 07 ☐ Maret 2018 08 ☐ April 2018 09 ☐ Mei 2018 10 ☐ Juni 2018 11 ☐ Juli 2018 12 ☐ Agustus 2018
Do you have any external worker for %rostertitle% enterprise?	SINGLE-SELECT h1 8 01 ◯ Yes 00 ◯ No
H1.8b. How many <u>FEMALES</u> outside of the household worked in %rostertitle% during an average month of operation? E `h1_8==1` E1 `self.InRange(0,20)` M1 This seems unlikely. Please check.	NUMERIC: INTEGER h1 8b --
H1.8a. How many <u>MALES</u> outside of the household worked in %rostertitle% during an average month of operation? E `h1_8==1` E1 `self.InRange(0,20)` M1 This seems unlikely. Please check.	NUMERIC: INTEGER h1 8a --

H1.10 During an average month of operation, what was the value of total sales (In %lcu%) of products, goods or services for %rostertitle%?	NUMERIC: DECIMAL h1 10
I Value in %lcu%	
E1 `self<$err_lcu_val`	
M1 This value is too high. Please check.	
W2 `self>0`	
M2 A value of 0 for total sales seems unlikely. Please confirm.	
W3 `self<$err_lcu_val? self<$warn_lcu_val : true`	
M3 This seems very high. Please confirm.	
W4 `self<1000`	
M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA	

Unit of amount in Rupees	SINGLE-SELECT h1_10u
	0001000 ◯ Thousand
E `h1_10>0`	1000000 ◯ Million
E1 `(h1_10*h1_10u)<$err_lcu_val`	
M1 This is too high. Please check.	
W2 `(h1_10*h1_10u)<$warn_lcu_val`	
M2 This seems very high. Please check.	

Did you and your group members have any of the following costs during an <u>AVERAGE MONTH OF OPERATION</u>?	MULTI-SELECT: YES/NO h1 11 cost
	01 ☐ / ☐ HIRED LABOUR
I OTHER COSTS EXAMPLE: TAX	02 ☐ / ☐ ELECTRICITY
	05 ☐ / ☐ RAW INGREDIENTS
	06 ☐ / ☐ OTHER COSTS

[H] ENTERPRISES / ENTERPRISE
Roster: COST
generated by multi-select question `h1 11 cost`   cost_enterprise

H1.11. During an average month of operation, what was the value of total costs (In %lcu%) paid for %rostertitle%?	NUMERIC: DECIMAL h1 11
I Value in %lcu%	
E1 `self>0`	
M1 This is not possible. Respondent stated to have costs of %rostertitle% during an average month of operation.	
E2 `self<$err_lcu_val`	
M2 This value is too high. Please check.	
W3 `self<$err_lcu_val? self<$warn_lcu_val : true`	
M3 This value seems very high. Please confirm.	
W4 `self<1000`	
M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA	

Unit of amount in Rupees	SINGLE-SELECT h1_11u
	0001000 ◯ Thousand
E `h1_11>0`	1000000 ◯ Million
E1 `(h1_11*h1_11u)<$err_lcu_val`	
M1 This is too high. Please check.	
W2 `(h1_11*h1_11u)<$warn_lcu_val`	
M2 This seems very high. Please check.	
W3 `((h1_10*h1_10u)-(h1_11*h1_11u))>0`	
M3 Attention! According to this answers, the enterprise made a loss every month. Please confirm.	
E4 `((h1_10*h1_10u)-(h1_11*h1_11u))>-1000000`	
M4 Attention! According to this answers, the enterprise made a SIGNIFICANT loss every month. Please confirm.	

VARIABLE	DOUBLE cost_ent
`h1_11*h1_11u`	

[I] EMPLOYMENT

I1.1. During %refperiod%, did anyone in your household work as an employee for a wage, salary, commission, or any payment in kind: including doing paid apprenticeship, domestic work or paid farm work? I DOES NOT INCLUDE FISHING.	SINGLE-SELECT i1 1 01 ◯ Yes 00 ◯ No
I1.2. Who in your household has worked as an employee for a wage, salary, commission, or any payment in kind: including doing paid apprenticeship, domestic work or paid farm work? F `a1_6a>=10` E `i1_1==1`	MULTI-SELECT: LINKED i1_2

[I] EMPLOYMENT
Roster: WAGE LABOUR
generated by list question a1 1   roster_wagelabour

E `i1_2.Any(p=>p[0]==@rowcode)`

I1.3. Please list all the wage job's that %rostertitle% worked at during %refperiod%	LIST i1 3 ┅┅┅┅┅┅┅┅┅┅┅┅┅┅┅┅┅┅┅┅

[I] EMPLOYMENT / WAGE LABOUR
Roster: WAGE JOB
generated by list question i1 3   individ_wage

I1.5. What form of employment did the labour take for %rostertitle%?	SINGLE-SELECT i1 5 001 ◯ AGRICULTURAL / FORESTRY / WORKERS 003 ◯ GUARD / PRIVATE HOUSEHOLD SERVICES 004 ◯ SERVICE / SALES 005 ◯ CONSTRUCTION / TRADES 006 ◯ DRIVER / TRANSPORTATION 007 ◯ TEACHER 008 ◯ OTHER PROFESSIONAL / TECHNICIAN 009 ◯ MANAGER 010 ◯ CLERK / SECRETARY 999 ◯ OTHER

I1.5oth. Please specify	TEXT · i1_5oth
E `i1_5==999`	....

I1.6. What is the type of employer for %rostertitle%?	SINGLE-SELECT · i1_6
	001 ◯ NATIONAL GOVERNMENT
	002 ◯ LOCAL GOVERNMENT
	003 ◯ NON-GOV'T ORGANIZATION
	004 ◯ PRIVATE BUSINESS
	005 ◯ PRIVATE FARM
	006 ◯ PRIVATE HOUSEHOLD
	999 ◯ OTHER

I1.6oth. Please specify	TEXT · i1_6oth
E `i1_6==999`	....

I1.7. During which MONTHS during %refperiod%, did %roster_wagelabour% work at this %rostertitle%?	MULTI-SELECT · i1_7
	00 ☐ Every month of the year
I NUMBER OF MONTHS	01 ☐ September 2017
E1 `self.ContainsOnly(0) || !self.Contains(0)`	02 ☐ Oktober 2017
M1 These answer options exlucde each other. Please check.	03 ☐ November 2017
	04 ☐ Desember 2017
	05 ☐ Januari 2018
	06 ☐ Februari 2018
	07 ☐ Maret 2018
	08 ☐ April 2018
	09 ☐ Mei 2018
	10 ☐ Juni 2018
	11 ☐ Juli 2018
	12 ☐ Agustus 2018

I1.8 During these months, approximately how many days per month did %roster_wagelabour% work at %rostertitle%?	NUMERIC: INTEGER · i1_8
E1 `self>0`	-------------------------------------
M1 This is not possible. Please check.	
E2 `self.InRange(0,31)`	
M2 One month has only maximum 31 days.	

I1.9. What was %roster_wagelabour%'s average payment during an average month ?	NUMERIC: DECIMAL · i1_9
I CONVERT IN-KIND PAYMENTS INTO Br. AT TIME OF PAYMENT.	-------------------------------------
E1 `self>0`	
M1 This is not possible. Average payment per day can not be negative. Please check.	
W2 `self<1000`	
M2 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA	

Unit of amount in Rupees	SINGLE-SELECT · i1_9u
E `i1_9>0`	0001000 ◯ Thousand
E1 `(i1_9*i1_9u)<$err_lcu_val`	1000000 ◯ Million
M1 This is too high. Please check.	
W2 `(i1_9*i1_9u)<$warn_lcu_val`	
M2 This seems very high. Please check.	

I1.11. During %refperiod%, did anyone in your household work as an casual / short-term labor?	SINGLE-SELECT	i1_11
	01 ◯ YES	
	00 ◯ NO	
I IN-KIND OR CASH PAID WORK		

I1.12. Who in your household has worked as an casual / short-term labor?	MULTI-SELECT: LINKED	i1_12
F a1_6a>10		
E i1_11==1		

[I] EMPLOYMENT
Roster: CASUAL/SHORT-TERM LABOR
generated by list question a1_1   roster_casuallabour

E i1_12.Any(x=>x.SequenceEqual(new[]{@rowcode}))

I1.13. In how many months during %refperiod% did %rostertitle% work at casual / short-term labor?	NUMERIC: INTEGER	i1_13

I NUMBER OF MONTHS	SPECIAL VALUES	
E1 self.InRange(0,12)	00 Less than one full month	
M1 One can not work more than 12 months within one year. Please check.		

I1.14 During these months, approximately how many days per month did %rostertitle% work at casual / short-term labor?	NUMERIC: INTEGER	i1_14

E1 self>0		
M1 This is not possible. Please check.		
E2 self.InRange(0,31)		
M2 One month has only maximum 31 days.		

I1.15. What was the average daily wage, in cash or in kind, that %rostertitle% received for the days worked at casual / short-term labor during %refperiod%?	NUMERIC: DECIMAL	i1_15

W1 self<1000		
M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA		

Unit of amount in Rupees	SINGLE-SELECT	i1_15u
	0001000 ◯ Thousand	
	1000000 ◯ Million	
E i1_15>0		
E1 (i1_15*i1_15u)<$err_lcu_val		
M1 This is too high. Please check.		
W2 (i1_15*i1_15u)<$warn_lcu_val		
M2 This seems very high. Please check.		

I1.9a. What was %rostertitle%'s TOTAL INCOME FROM the work at casual/short-term labor DURING ONE AVERAGE MONTH?	NUMERIC: DECIMAL	i1_15a
	-------------------------------	
E1 self>0		
M1 A wage income of zero seems unrealistic. Please check.		
E2 self<$err_lcu_val		
M2 This seems unrealistic. Please check.		
W3 self<1000		
M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA		

Unit of amount in Rupees	SINGLE-SELECT	i1_15au
E `i1_15a>0`	0001000 ◯ Thousand	
E1 `(i1_15a*i1_15au)<$err_lcu_val`	1000000 ◯ Million	
M1 This is too high. Please check.		
W2 `(i1_15a*i1_15au)<$warn_lcu_val`		
M2 This seems very high. Please check.		

I1.16 Who in the household controls / decides on the use of %rostertitle%'s earnings from casual / short-term labor?	SINGLE-SELECT: LINKED	i1_16
F `a1_6a>12`		

[J] OTHER INCOME

STATIC TEXT

J1.1. During %refperiod%, how much did you or any members of your household receive income from the following income sources:

STATIC TEXT

THIS INCLUDES ANY INCOME RECEIVED THAT WAS ADDED TO THE COMMON BUDGET OF THE HOUSEHOLD IN THE LAST 12 MONTHS. CAN ALSO FOR EXAMPLE BE INCOME FOR A SENIOR WHO WAS RECEIVING A PENSION BUT HAS DIED WITHIN THE LAST 12 MONTHS.

STATIC TEXT

Value in %lcu% IF MULTIPLE MEMBERS SUM UP THE AMOUNT IF THIS WAS IN-KIND, PROVIDE THE TOTAL CASH VALUE OF THE SOURCE

RENTING OUT FISH GEAR/ BOATS	NUMERIC: DECIMAL	j1_0
I VALUE IN %lcu%. DURING %refperiod%	- -	
E1 `self<=$err_lcu_val`		
M1 This is too high. Please check.	SPECIAL VALUES	
W2 `!self.InRange($warn_lcu_val ,$err_lcu_val)`	00 NONE	
M2 This seems very high. Please confirm with the respondent.		
W3 `self<1000`		
M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA		

Unit of amount in Rupees	SINGLE-SELECT	j1_0u
E `j1_0>0`	0001000 ◯ Thousand	
E1 `(j1_0*j1_0u)<$err_lcu_val`	1000000 ◯ Million	
M1 This is too high. Please check.		
W2 `(j1_0*j1_0u)<$warn_lcu_val`		
M2 This seems very high. Please check.		

REMITTANCES	NUMERIC: DECIMAL	j1_17
I VALUE IN %lcu%. REFERS ONLY TO REMITTANCES FROM FAMILY MEMBERS. DURING %refperiod%	- -	
E `IsAnswered(j1_0)`		
E1 `self<=$err_lcu_val`	SPECIAL VALUES	
M1 This is too high. Please check.	00 NONE	
W2 `!self.InRange($warn_lcu_val ,$err_lcu_val)`		
M2 This seems very high. Please confirm with the respondent.		
W3 `self<1000`		
M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA		

Unit of amount in Rupees

- E `j1_17>0`
- E1 `(j1_17*j1_17u)<$err_lcu_val`
- M1 This is too high. Please check.
- W2 `(j1_17*j1_17u)<$warn_lcu_val`
- M2 This seems very high. Please check.

SINGLE-SELECT   j1 17u

0001000 ◯ Thousand
1000000 ◯ Million

Cash Transfers/Gifts from Individuals (Friends/Relatives)

- I VALUE IN %lcu%. DURING %refperiod%
- E `IsAnswered(j1_0)`
- E1 `self<=$err_lcu_val`
- M1 This is too high. Please check.
- W2 `!self.InRange($warn_lcu_val ,$err_lcu_val)`
- M2 This seems very high. Please confirm with the respondent.
- W3 `self<1000`
- M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   j1_1

SPECIAL VALUES
00 NONE

Unit of amount in Rupees

- E `j1_1>0`
- E1 `(j1_1*j1_1u)<$err_lcu_val`
- M1 This is too high. Please check.
- W2 `(j1_1*j1_1u)<$warn_lcu_val`
- M2 This seems very high. Please check.

SINGLE-SELECT   j1 1u

0001000 ◯ Thousand
1000000 ◯ Million

Food Transfers/Gifts from Individuals (Friends/Relatives)

- I VALUE IN %lcu%. DURING %refperiod%
- E `IsAnswered(j1_1)`
- E1 `self<=$err_lcu_val`
- M1 This is too high. Please check.
- W2 `!self.InRange($warn_lcu_val ,$err_lcu_val)`
- M2 This seems very high. Please confirm with the respondent.
- W3 `self<1000`
- M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   j1_2

SPECIAL VALUES
00 NONE

Unit of amount in Rupees

- E `j1_2>0`
- E1 `(j1_2*j1_2u)<$err_lcu_val`
- M1 This is too high. Please check.
- W2 `(j1_2*j1_2u)<$warn_lcu_val`
- M2 This seems very high. Please check.

SINGLE-SELECT   j1 2u

0001000 ◯ Thousand
1000000 ◯ Million

Non-Food In-Kind Transfers/Gifts from Individuals (Friends/Relatives)

- I VALUE IN %lcu%. DURING %refperiod%
- E `IsAnswered(j1_2)`
- E1 `self<=$err_lcu_val`
- M1 This is too high. Please check.
- W2 `!self.InRange($warn_lcu_val ,$err_lcu_val)`
- M2 This seems very high. Please confirm with the respondent.
- W3 `self<1000`
- M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   j1_3

SPECIAL VALUES
00 NONE

Unit of amount in Rupees

E	`j1_3>0`
E1	`(j1_3*j1_3u)<$err_lcu_val`
M1	This is too high. Please check.
W2	`(j1_3*j1_3u)<$warn_lcu_val`
M2	This seems very high. Please check.

SINGLE-SELECT   j1_3u

0001000 ◯ Thousand
1000000 ◯ Million

Cash Assistance from Government

I	VALUE IN %lcu%. DURING %refperiod%
E	`IsAnswered(j1_3)`
E1	`self<=$err_lcu_val`
M1	This is too high. Please check.
W2	`!self.InRange($warn_lcu_val ,$err_lcu_val)`
M2	This seems very high. Please confirm with the respondent.
W3	`self<1000`
M3	Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   j1_4

SPECIAL VALUES

00   NONE

Unit of amount in Rupees

E	`j1_4>0`
E1	`(j1_4*j1_4u)<$err_lcu_val`
M1	This is too high. Please check.
W2	`(j1_4*j1_4u)<$warn_lcu_val`
M2	This seems very high. Please check.

SINGLE-SELECT   j1_4u

0001000 ◯ Thousand
1000000 ◯ Million

Food Assistance from Government

I	VALUE IN %lcu%. DURING %refperiod%
E	`IsAnswered(j1_4)`
E1	`self<=$err_lcu_val`
M1	This is too high. Please check.
W2	`!self.InRange($warn_lcu_val ,$err_lcu_val)`
M2	This seems very high. Please confirm with the respondent.
W3	`self<1000`
M3	Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   j1_5

SPECIAL VALUES

00   NONE

Unit of amount in Rupees

E	`j1_5>0`
E1	`(j1_5*j1_5u)<$err_lcu_val`
M1	This is too high. Please check.
W2	`(j1_5*j1_5u)<$warn_lcu_val`
M2	This seems very high. Please check.

SINGLE-SELECT   j1_5u

0001000 ◯ Thousand
1000000 ◯ Million

Non-food In-Kind Assistance from Government

I	VALUE IN %lcu%. DURING %refperiod%
E	`IsAnswered(j1_5)`
E1	`self<=$err_lcu_val`
M1	This is too high. Please check.
W2	`!self.InRange($warn_lcu_val ,$err_lcu_val)`
M2	This seems very high. Please confirm with the respondent.
W3	`self<1000`
M3	Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   j1_6

SPECIAL VALUES

00   NONE

Unit of amount in Rupees

E	`j1_6>0`
E1	`(j1_6*j1_6u)<$err_lcu_val`
M1	This is too high. Please check.
W2	`(j1_6*j1_6u)<$warn_lcu_val`
M2	This seems very high. Please check.

SINGLE-SELECT   j1_6u

0001000 ◯ Thousand
1000000 ◯ Million

Cash Assistance from NGOs / Religious Groups

I	VALUE IN %lcu%. DURING %refperiod%
E	`IsAnswered(j1_6)`
E1	`self<=$err_lcu_val`
M1	This is too high. Please check.
W2	`!self.InRange($warn_lcu_val ,$err_lcu_val)`
M2	This seems very high. Please confirm with the respondent.
W3	`self<1000`
M3	Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   j1_7

SPECIAL VALUES
00 NONE

Unit of amount in Rupees

E	`j1_7>0`
E1	`(j1_7*j1_7u)<$err_lcu_val`
M1	This is too high. Please check.
W2	`(j1_7*j1_7u)<$warn_lcu_val`
M2	This seems very high. Please check.

SINGLE-SELECT   j1_7u

0001000 ◯ Thousand
1000000 ◯ Million

Food Assistance from NGOs / Religious Groups

I	VALUE IN %lcu%. DURING %refperiod%
E	`IsAnswered(j1_7)`
E1	`self<=$err_lcu_val`
M1	This is too high. Please check.
W2	`!self.InRange($warn_lcu_val ,$err_lcu_val)`
M2	This seems very high. Please confirm with the respondent.
W3	`self<1000`
M3	Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU r> 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   j1_8

SPECIAL VALUES
00 NONE

Unit of amount in Rupees

E	`j1_8>0`
E1	`(j1_8*j1_8u)<$err_lcu_val`
M1	This is too high. Please check.
W2	`(j1_8*j1_8u)<$warn_lcu_val`
M2	This seems very high. Please check.

SINGLE-SELECT   j1_8u

0001000 ◯ Thousand
1000000 ◯ Million

Non-food In-Kind Assistance from NGOs / Religious Groups

I	VALUE IN %lcu%. DURING %refperiod%
E	`IsAnswered(j1_8)`
E1	`self<=$err_lcu_val`
M1	This is too high. Please check.
W2	`!self.InRange($warn_lcu_val ,$err_lcu_val)`
M2	This seems very high. Please confirm with the respondent.
W3	`self<1000`
M3	Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU r> 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   j1_9

SPECIAL VALUES
00 NONE

Unit of amount in Rupees

SINGLE-SELECT   j1_9u

E   `j1_9>0`
E1   `(j1_9*j1_9u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(j1_9*j1_9u)<$warn_lcu_val`
M2   This seems very high. Please check.

0001000 ◯ Thousand
1000000 ◯ Million

Interests or Other Investment Income

NUMERIC: DECIMAL   j1_10

I   VALUE IN %lcu%. DURING %refperiod%
E   `IsAnswered(j1_9)`
E1   `self<=$err_lcu_val`
M1   This is too high. Please check.
W2   `!self.InRange($warn_lcu_val ,$err_lcu_val)`
M2   This seems very high. Please confirm with the respondent.
W3   `self<1000`
M3   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

SPECIAL VALUES
00   NONE

Unit of amount in Rupees

SINGLE-SELECT   j1_10u

E   `j1_10>0`
E1   `(j1_10*j1_10u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(j1_10*j1_10u)<$warn_lcu_val`
M2   This seems very high. Please check.

0001000 ◯ Thousand
1000000 ◯ Million

Pension Income

NUMERIC: DECIMAL   j1_11

I   VALUE IN %lcu%. DURING %refperiod%
E   `IsAnswered(j1_10)`
E1   `self<=$err_lcu_val`
M1   This is too high. Please check.
W2   `!self.InRange($warn_lcu_val ,$err_lcu_val)`
M2   This seems very high. Please confirm with the respondent.
W3   `self<1000`
M3   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

SPECIAL VALUES
00   NONE

Unit of amount in Rupees

SINGLE-SELECT   j1_11u

E   `j1_11>0`
E1   `(j1_11*j1_11u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(j1_11*j1_11u)<$warn_lcu_val`
M2   This seems very high. Please check.

0001000 ◯ Thousand
1000000 ◯ Million

Income from Apartment, House Rental

NUMERIC: DECIMAL   j1_12

I   VALUE IN %lcu%. DURING %refperiod%
E   `IsAnswered(j1_11)`
E1   `self<=$err_lcu_val`
M1   This is too high. Please check.
W2   `!self.InRange($warn_lcu_val ,$err_lcu_val)`
M2   This seems very high. Please confirm with the respondent.
W3   `self<1000`
M3   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

SPECIAL VALUES
00   NONE

Unit of amount in Rupees

E   `j1_12>0`
E1   `(j1_12*j1_12u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(j1_12*j1_12u)<$warn_lcu_val`
M2   This seems very high. Please check.

SINGLE-SELECT   j1 12u

0001000   ◯   Thousand
1000000   ◯   Million

Income from Real Estate Sales

I   VALUE IN %lcu%. DURING %refperiod%
E   `IsAnswered(j1_12)`
E1   `self<=$err_lcu_val`
M1   This is too high. Please check.
W2   `!self.InRange($warn_lcu_val ,$err_lcu_val)`
M2   This seems very high. Please confirm with the respondent.
W3   `self<1000`
M3   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   j1_13

- -

SPECIAL VALUES

00   NONE

Unit of amount in Rupees

E   `j1_13>0`
E1   `(j1_13*j1_13u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(j1_13*j1_13u)<$warn_lcu_val`
M2   This seems very high. Please check.

SINGLE-SELECT   j1 13u

0001000   ◯   Thousand
1000000   ◯   Million

Inheritance

I   VALUE IN %lcu%. DURING %refperiod%
E   `IsAnswered(j1_13)`
E1   `self<=$err_lcu_val`
M1   This is too high. Please check.
W2   `!self.InRange($warn_lcu_val ,$err_lcu_val)`
M2   This seems very high. Please confirm with the respondent.
W3   `self<1000`
M3   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   j1 14

- -

SPECIAL VALUES

00   NONE

Unit of amount in Rupees

E   `j1_14>0`
E1   `(j1_14*j1_14u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(j1_14*j1_14u)<$warn_lcu_val`
M2   This seems very high. Please check.

SINGLE-SELECT   j1 14u

0001000   ◯   Thousand
1000000   ◯   Million

Lottery/Gambling Winnings

I   VALUE IN %lcu%. DURING %refperiod%
E   `IsAnswered(j1_14)`
E1   `self<=$err_lcu_val`
M1   This is too high. Please check.
W2   `!self.InRange($warn_lcu_val ,$err_lcu_val)`
M2   This seems very high. Please confirm with the respondent.
W3   `self<1000`
M3   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   j1 15

- -

SPECIAL VALUES

00   NONE

Unit of amount in Rupees	SINGLE-SELECT $\qquad$ j1_15u
E `j1_15>0`	0001000 ⭕ Thousand
E1 `(j1_15*j1_15u)<$err_lcu_val`	1000000 ⭕ Million
M1 This is too high. Please check.	
W2 `(j1_15*j1_15u)<$warn_lcu_val`	
M2 This seems very high. Please check.	

ANY OTHER INCOME SOURCE	NUMERIC: DECIMAL $\qquad$ j1_16
I VALUE IN %lcu%. DURING %refperiod%	------------------------------
E `IsAnswered(j1_15)`	
E1 `self<=$err_lcu_val`	SPECIAL VALUES
M1 This is too high. Please check.	00 **NONE**
W2 `!self.InRange($warn_lcu_val ,$err_lcu_val)`	
M2 This seems very high. Please confirm with the respondent.	
W3 `self<1000`	
M3 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA	

Unit of amount in Rupees	SINGLE-SELECT $\qquad$ j1_16u
E `j1_16>0`	0001000 ⭕ Thousand
E1 `(j1_16*j1_16u)<$err_lcu_val`	1000000 ⭕ Million
M1 This is too high. Please check.	
W2 `(j1_16*j1_16u)<$warn_lcu_val`	
M2 This seems very high. Please check.	

Please specify other income source	TEXT $\qquad$ j1_16oth
E `j1_16>0`	....

[L] CREDIT

L1.1. During %refperiod%, did you or anyone else in this household obtain a loan or still have to repay a loan either cash or inputs?	SINGLE-SELECT $\qquad$ l1_1
	01 ⭕ Yes
	00 ⭕ No

L1.2. Please state the <u>NUMBER OF LOANS</u> you currently have to repay.	NUMERIC: INTEGER $\qquad$ l1_2
I REFERS TO NUMBER OF LOAN(s). NOT THE VALUE OF THE LOAN!!	------------------------------
E `l1_1==1`	
E1 `self>0`	
M1 Respondent stated to obtain a loan. Number of loans must be larger than zero.	
E2 `self<9`	
M2 These many loans seem unlikely. Please check.	

[L] CREDIT
Roster: LOAN
generated by numeric question `l1_2` $\qquad$ roster_loan

L1.3. From which source did you obtain this loan?	SINGLE-SELECT	l1_3
	001 ◯ Bank (commercial)	
	004 ◯ Money lender	
	002 ◯ Microfinance institution (e.g. Unrwa, def, mfw, tamweelcom, memcc, nmb, finca, amc, cab)	
	006 ◯ Grocery/local merchant	
	011 ◯ Agricultural credit institution	
	003 ◯ Cooperative	
	007 ◯ Employer	
	010 ◯ Pawnshop	
	012 ◯ Religious institution	
	005 ◯ Neighbour	
	008 ◯ Relative	
	009 ◯ Friend	
	013 ◯ NGO	
	014 ◯ Savings and Credit Group	
	999 ◯ Other	

L1.3oth. Please specify other.	TEXT	l1_3oth
E l1_3==999		
E1 self.Length>3	┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄	
M1 Description is too short. Please specify more		

L1.4. Which household members are responsible for/have to repay the loan?	MULTI-SELECT: LINKED	l1_4
I Select up to two		
F a1_6a>10		

L1.5.What was the main purpose for obtaining the loan from %l1_3%?	SINGLE-SELECT	l1_5
	001 ◯ Fish inputs	
	002 ◯ Purchase of farm/fish equipment	
	003 ◯ Purchase of fish gear/boat	
	004 ◯ Purchase/lease of agricultural land	
	016 ◯ Purchase of processing gear	
	005 ◯ Other agricultural/fishery costs	
	006 ◯ Purchase of inputs/working capital/start-up capital	
	007 ◯ Purchase/improvement of land/building/equipment	
	008 ◯ Other business expenses	
	009 ◯ Expanding business/enterprise	
	010 ◯ Consumption needs (e.g buy tv, refrigerator, computer, etc.)	
	011 ◯ Marriage/family events	
	013 ◯ Education	
	014 ◯ Health (e.g hospital bills)	
	015 ◯ To repay another loan	
	999 ◯ Other	

L1.5oth. Please specify other.	TEXT	l1_5oth
E l1_5==999		
E1 self.Length>3	┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄	
M1 Description is too short. Please specify more.		

L1.6b. In which YEAR was the loan contractred from %l1_3%?

E1 `self<=IntYear`
M1 Year can not be in the future.
E2 `self>1950`
M2 This seems too far in the past. Please check.

NUMERIC: INTEGER   l1_6a

- -

L1.6a. In which month of %l1_6a% was the loan from %l1_3% contracted?

I MONTH OF THE YEAR THE LOAN WAS CONTRACTED
F `l1_6a<IntYear || @optioncode<=IntMonth || @optioncode==888` //List s all months if not within year of interview. Otherwise list only those mo nths of the Interview Year //that have passed already and al
[And 16 other symbols [1]](#)

SINGLE-SELECT   l1_6b

001 ◯ January
002 ◯ February
003 ◯ March
004 ◯ April
005 ◯ May
006 ◯ June
007 ◯ July
008 ◯ August
009 ◯ September
010 ◯ October
011 ◯ November
012 ◯ December
888 ◯ Can"t remember

L1.8. What was the total amount (In %lcu%) of the original loan from %l1_3%?

I Value in Rp (in cash + in kind)
E1 `self>0`
M1 The amount of loan must be larger than zero.
E2 `self<$err_lcu_val`
M2 This value is too high. Please check.
W3 `self<$err_lcu_val ? self<$warn_lcu_val : true`
M3 This value seems very high. Please confirm.
W4 `self<1000`
M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL   l1_8

- -

Unit of amount in Rupees

E `l1_8>0`
E1 `(l1_8*l1_8u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(l1_8*l1_8u)<$warn_lcu_val`
M2 This seems very high. Please check.

SINGLE-SELECT   l1_8u

0001000 ◯ Thousand
1000000 ◯ Million

L1.9. What kind of MAIN guarantee was required by the %l1_3%?

SINGLE-SELECT   l1_9

001 ◯ None
002 ◯ Land
003 ◯ Cattle
004 ◯ House/building
005 ◯ Other valuable assets (jewerly etc.)
006 ◯ Employer
007 ◯ Relatives
008 ◯ Non-relatives
009 ◯ Share of fish catch/harvest
999 ◯ Other

Please specify

E `l1_9==999`

TEXT   l1_9oth

....

L1.10. Would you have wanted a larger loan when you applied for this loan?	SINGLE-SELECT	l1_10
	01 ◯ Yes	
	00 ◯ No	

L1.11. Why did you not receive a larger loan?	SINGLE-SELECT	l1_11
E `l1_10==1`	001 ◯ Lack of collateral	
	002 ◯ Project considered not profitable	
	999 ◯ Other	

L1.11oth. Please specify other.	TEXT	l1_11oth
E `l1_11==999`		
E1 `self.Length>3`	••••••••••••••••••••••••••••••••••••	
M1 Description is too short. Please specify more.		

L1.12a. What was the interest rate/fee for this loan in %?	NUMERIC: DECIMAL	l1_12a
I AMOUNT OF THE INTEREST RATE (%). E.G 2.5%= 2.5 ENTER 888 IF DON'T KNOW	- - - - - - - - - - - - - - - - - - -	
W1 `self.InRange(0,90) || self==888`	SPECIAL VALUES	
M1 This seems very high. Please check.	888 Don't know	

L1.12b. TIME UNIT OF THE INTEREST RATE	SINGLE-SELECT	l1_12b
E `l1_12a>0 && l1_12a!=888`	01 ◯ PER WEEK	
	02 ◯ PER MONTH	
	03 ◯ PER THREE MONTHS	
	04 ◯ PER SIX MONTHS	
	05 ◯ ANNUALLY	

L1.13. How many months were you originally given to pay off this loan?	NUMERIC: DECIMAL	l1_13
I NUMBER OF MONTHS.	- - - - - - - - - - - - - - - - - - -	
E1 `self.InRange(0,120) || self==-88`	SPECIAL VALUES	
M1 This seems unlikely. Please check.	-88 NO DEADLINE GIVEN	

L1.14. How frequently do you/did you make payments on this loan?	SINGLE-SELECT	l1_14
	01 ◯ Daily	
	02 ◯ Weekly	
	03 ◯ Forthnightly	
	04 ◯ Monthly	
	05 ◯ Quarterly	
	06 ◯ Semi-annual	
	07 ◯ Annual	
	08 ◯ Only one final payment	
	09 ◯ No fixed schedule	

L1.16. How much do you still need to pay (In %lcu%) to cancel loan from %rostertitle% ?	NUMERIC: DECIMAL	l1_16
I Value in %lcu%	- - - - - - - - - - - - - - - - - - -	
E1 `self>0`	SPECIAL VALUES	
M1 Respondent stated that loan has not been repaid yet. Value must be larger than zero.	00 None	
W2 `self<1000`		
M2 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA		

Unit of amount in Rupees

E   `l1_16>0`
E1   `(l1_16*l1_16u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(l1_16*l1_16u)<$warn_lcu_val`
M2   This seems very high. Please check.
E3   `(self*l1_16)<((l1_8*l1_8u)*1.5)`
M3   This is not possible. Original loan was only %l1_8% %l1_8u% %lcu%

0001000 ◯ Thousand
1000000 ◯ Million

L1.17. How much was paid (or expect to pay) in total when the loan is paid off in %lcu%?

NUMERIC: DECIMAL   l1_17

I   Value in %lcu%
E1   `self>0`
M1   Must be larger zero. Please check.
W2   `self<1000`
M2   Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees

SINGLE-SELECT   l1_17u

E   `l1_17>0`
E1   `(l1_17*l1_17u)<$err_lcu_val`
M1   This is too high. Please check.
W2   `(l1_17*l1_17u)<$warn_lcu_val`
M2   This seems very high. Please check.
E3   `(l1_17*l1_17u)>=(l1_16*l1_16u)`
M3   This is not possible. Must be equal to or larger than the amount that respondent still needs to pay off
E4   `(self*l1_17)<((l1_8*l1_8u)*1.5)`
M4   This is not possible. Original loan was only %l1_8% %l1_8u% %lcu%

0001000 ◯ Thousand
1000000 ◯ Million

L1.18. During %refperiod%, did anyone in your household apply for a loan?

SINGLE-SELECT   l1_18

E   `IsAnswered(l1_1)`

01 ◯ Yes
00 ◯ No

L1.20. How many times have you applied for a loan during %refperiod%?

NUMERIC: INTEGER   l1_18b

E   `l1_18==1`
E1   `self.InRange(1,15)`
M1   This seems unlikely. Please check.

L1.19. Did it occur that one of your application has been rejected?

SINGLE-SELECT   l1_19

E   `l1_18==1`

01 ◯ YES
00 ◯ NO

L1.20. How many times have your applications been rejected during %refperiod%?

NUMERIC: INTEGER   l1_20

E   `l1_19==1`
E1   `self<=l1_18b`
M1   This is not possible. The respondent only applied %l1_18b% times for a loan during %refperiod%. Please check.

L1.21. What was/were the reason(s) for the rejection?

MULTI-SELECT   l1_21

E   `l1_19==1`

001 ☐ No collateral
002 ☐ Application was deemed insufficient / unsiutable
999 ☐ Other

L1.21oth. Please specify other.	TEXT	l1_21oth
E `l1_21.Contains(999)` E1 `self.Length>2` M1 Description is too short. Please specify more.		

L1.22. What were the reasons you have not applied for a loan? E `l1_18==0`	MULTI-SELECT	l1_22
	001 ☐ NO NEED FOR EXTERNAL FINANCING	
	002 ☐ HIGH INTEREST RATES	
	003 ☐ EXCESSIVE COLLATERAL REQUIREMENTS	
	004 ☐ LENGTHY APPLICATION PROCESS	
	005 ☐ HIGH COSTS	
	006 ☐ NO LENDING INSTITUTION (FORMAL OR INFORMAL) AVAILABLE	
	007 ☐ UNCERTAINTY OF OWN ABILITY TO REPAY	
	008 ☐ GOT REJECTED EARLIER	
	009 ☐ NO KNOWLEDGE ABOUT THE POSSIBILITY OF RECEIVING FINANCIAL SUPPORT	
	010 ☐ AGAINST ISLAMIC BELIEF	
	999 ☐ OTHER	

L1.22oth. Please specify other.	TEXT	l1_22oth
E `l1_22.Contains(999)`		

[N] SAVINGS

N1.1. During %refperiod%, did you or anyone else in this household have cash savings, regardless of whether or not the money is still in savings? I THIS ALSO APPLIES TO SAVING GROUPS.	SINGLE-SELECT	n1_1
	01 ◯ Yes	
	00 ◯ No	

N1.2. In which locations do you have savings? I SELECT ALL THAT APPLY E `n1_1==1`	MULTI-SELECT	n1_2
	010 ☐ GROUP SAVINGS / ASSOCIATION	
	001 ☐ AT HOME	
	002 ☐ FRIENDS/RELATIVE	
	003 ☐ VILLAGE INSTITUTION	
	004 ☐ NEIGHBOR	
	005 ☐ RELIGIOUS INSTITUTION	
	006 ☐ TRADER	
	007 ☐ COMMERCIAL BANK	
	008 ☐ MONEY LENDER	
	009 ☐ CREDIT ASSOCIATION	
	999 ☐ OTHER LOCATION	

[N] SAVINGS
Roster: SAVING
generated by multi-select question n1_2   roster_savings

E `@rowcode!=10`

N1.2oth. Please specify the other location.	TEXT	n1_2oth
E @rowcode==999		

N1.3. Which household members are mainly responsible for the savings held at %rostertitle%?	MULTI-SELECT: LINKED	n1_3
I SELECT UP TO TWO F a1_6a>5		

N1.4. Please state the amount (In %lcu%) currently in savings at %rostertitle%.	NUMERIC: DECIMAL	n1_4
I Value in %lcu% E1 self<$err_lcu_val M1 This value is too high. Please check. W2 self<$err_lcu_val ? self<$warn_lcu_val : true M2 This value seems very high. Please confirm. W3 self>0 || self==-88 M3 Are you sure that the household has no savings left at this location? W4 self<1000 M4 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question. For example 10,000 %lcu% == 10 RIBU 1,000,000 %lcu% == 1 JUTA	SPECIAL VALUES -88 REFUSE TO SAY	

Unit of amount in Rupees	SINGLE-SELECT	n1_4u
E n1_4>0 E1 (n1_4*n1_4u)<$err_lcu_val M1 This is too high. Please check. W2 (n1_4*n1_4u)<$warn_lcu_val M2 This seems very high. Please check.	0001000 ◯ Thousand 1000000 ◯ Million	

[N] SAVINGS
SAVING GROUPS (SCG)

E n1_2.Contains(10)

STATIC TEXT

ENUMERATOR, PLEASE READ: We would like to ask you about any savings activity you have been taken part in with other people. In particular, we are interested in the savings groups you have been/are a member of and how this savings group functioned (or how you saved money with the group). By savings group, we mean a group of people who contribute - regularly or occasionally - to a common fund that is managed by the group.

N2.2. Please list the names of the savings groups the household had savings with during %refperiod%.	LIST	n2_2

[N] SAVINGS / SAVING GROUPS (SCG)
Roster: SAVING GROUP
generated by list question n2_2   roster_scg

N2.10a.In which YEAR did you join the group?	NUMERIC: INTEGER	n2_10a
E1 self<=IntYear M1 Year can not be within the future. Please check. E2 self>1950 M2 This seems too far in the past. Please check.		

N2.10b. MONTH of %n2_10a% that you joined the group?	SINGLE-SELECT	n2 10b
I MONTH	01 ◯ January	
F n2_10a<IntYear || @optioncode<=IntMonth	02 ◯ February	
	03 ◯ March	
	04 ◯ April	
	05 ◯ May	
	06 ◯ June	
	07 ◯ July	
	08 ◯ August	
	09 ◯ September	
	10 ◯ October	
	11 ◯ November	
	12 ◯ December	

N2.11. Which household member(s) was or is mainly participating in %rostertitle%?	MULTI-SELECT: LINKED	n2 11
I Select only the main person participating in the group.		
F a1_6a>5		

N2.6. Are you or any member of your household currently still a member of this group?	SINGLE-SELECT	n2 6
	01 ◯ Yes	
	00 ◯ No	

N2.4. What was the main reason for your household to participate in the %rostertitle%?	SINGLE-SELECT	n2 4
	001 ◯ GAIN ACCESS TO CREDIT	
	002 ◯ GAIN EXTENSION SERVICES	
	003 ◯ SOCIAL FUNCTIONS AND NETWORKING	
	004 ◯ CURIOSITY	
	999 ◯ Other	

N2.4oth. Please specify other.	TEXT	n2_4oth
E n2_4==999		

N2.5. How many members does (or had) this SCG %rostertitle% have?	NUMERIC: INTEGER	n2 5
E1 self.InRange(2,50)		
M1 This seems unlikely. Please check.		

N2.7. How many months ago did you stop participating in the group?	NUMERIC: INTEGER	n2_7
I Number of months		
E n2_6==0		
E1 self.InRange(0,12)		
M1 Respondent stated to have been member of this within %refperiod%. Number of months must be therefore smaller than or equal to 12.		

N2.8. Why did you stop participating in this group?	SINGLE-SELECT	n2 8
E n2_6==0	001 ◯ The cycle ended	
	002 ◯ Wasn't benefiting enough	
	003 ◯ The group dissolved	
	004 ◯ Couldn't contribute regularly	
	999 ◯ Other	

N2.8oth. Please specify other.	TEXT	n2 8oth
E n2_8==999		

N2.9. Is this a group where savings accumulate over time and are used or divided at the end of the cycle <u>OR</u> a group where at every meeting a member gets the entire pot with no accumulation of savings?	SINGLE-SELECT n2 9 001 ◯ Savings accumulate 002 ◯ One member gets pot every meeting 003 ◯ Both 999 ◯ Other
N2.9oth. Please specify other. E n2_9==999	TEXT n2_9oth ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯
N2.12. During %refperiod%, did group %rostertitle% receive training from someone from outside the group?	SINGLE-SELECT n2 12 01 ◯ Yes 00 ◯ No
N2.13. Who provided that training to group %rostertitle%? E n2_12==1	SINGLE-SELECT n2 13 001 ◯ Trainer from NGO 002 ◯ Trainer from another village 003 ◯ Trainer from this village 999 ◯ Other
N2.13oth. Please specify other. E n2_13==999	TEXT n2 13oth ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯
N2.14. Where is the money kept by the group?	SINGLE-SELECT n2 14 001 ◯ In a box with several keys 002 ◯ In other type of box 003 ◯ In a cooperative, credit union 004 ◯ In a bank 005 ◯ At a member's house 999 ◯ Other
N2.14oth. Please specify other. E n2_14==999	TEXT n2 14oth ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯
N2.15. How often do you contribute money to the group?	SINGLE-SELECT n2 15 001 ◯ Daily 002 ◯ Weekly 003 ◯ Every 2 weeks 004 ◯ Monthly 005 ◯ Quarterly 006 ◯ Yearly 007 ◯ Every market day 008 ◯ Not regularly, at random times 009 ◯ Once 010 ◯ Never 999 ◯ Other
Please specify other. E n2_15==999	TEXT n2_15oth ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯

N2.16. Please state the amount you contribute on average at each meeting?	NUMERIC: DECIMAL	n2_16

I IN Rp
E `n2_15!=10`
E1 `self<$err_lcu_val`
M1 This seems unlikely. Please check.
W2 `self<1000`
M2 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees

SINGLE-SELECT — n2_16u

0001000 ○ Thousand
1000000 ○ Million

E `n2_16>0`
E1 `(n2_16*n2_16u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(n2_16*n2_16u)<$warn_lcu_val`
M2 This seems very high. Please check.

N2.17. Do you tend to trust or tend not to trust the leaders of your Group?

SINGLE-SELECT — n2_17

01 ○ Trust a great deal
02 ○ Tend to trust
03 ○ Tend to distrust
04 ○ Distrust greatly

I READ OUT THE ANSWER OPTIONS.

N2.18. Do you tend to trust or tend not to trust the members of your Group?

SINGLE-SELECT — n2_18

01 ○ Trust a great deal
02 ○ Tend to trust
03 ○ Tend to distrust
04 ○ Distrust greatly

I READ OUT THE ANSWER OPTIONS

N2.19. How does the group choose who receives money at each meeting?

SINGLE-SELECT — n2_19

001 ○ Randomly
002 ○ By request
003 ○ By vote
004 ○ By bidding
005 ○ First come, first served
999 ○ Other

E `n2_9.InList(2,3)`

N2.19oth. Please specify other.

TEXT — n2_19oth

E `n2_19==999`

N2.20. Have you ever received the pot?

SINGLE-SELECT — n2_20

01 ○ Yes
00 ○ No

E `n2_9.InList(2,3)`

N2.21. How much did you get when you last received the pot?

NUMERIC: DECIMAL — n2_21

I IN Rp
E `n2_9.InList(2,3) && n2_20==1`
E1 `self>0`
M1 The pot of savings must be larger than zero.
W2 `self<1000`
M2 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU

 1,000,000 %lcu% == 1 JUTA

Unit of amount in Rupees	SINGLE-SELECT	n2 21u

E `n2_21>0`
E1 `(n2_21*n2_21u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(n2_21*n2_21u)<$warn_lcu_val`
M2 This seems very high. Please check.

0001000 ⭘ Thousand
1000000 ⭘ Million

N2.22. What did you mainly use the money for?

E `n2_9.InList(2,3) && n2_20==1`

SINGLE-SELECT — n2_22

001 ⭘ Fish inputs
002 ⭘ Purchase of farm/fish equipment
003 ⭘ Purchase of fish gear/boat
004 ⭘ Purchase/lease of agricultural land
016 ⭘ Purchase of processing gear
005 ⭘ Other agricultural/fishery costs
006 ⭘ Purchase of inputs/working capital/start-up capital
007 ⭘ Purchase/improvement of land/building/equipment
008 ⭘ Other business expenses
009 ⭘ Expanding business/enterprise
010 ⭘ Consumption needs (e.g buy tv, refrigerator, computer, etc.)
011 ⭘ Marriage/family events
013 ⭘ Education
014 ⭘ Health (e.g hospital bills)
015 ⭘ To repay another loan
999 ⭘ Other

N2.22oth. Please specify

E `n2_22==999`

TEXT — n2_22oth

....

N2.23. How much do you currently have saved with the group?

I IN Rp
W1 `self<1000`
M1 Attention. Here you just need to specify the VALUE. You can choose the UNIT after this question.
For example 10,000 %lcu% == 10 RIBU
 1,000,000 %lcu% == 1 JUTA

NUMERIC: DECIMAL — n2_23

Unit of amount in Rupees	SINGLE-SELECT	n2 23u

E `n2_23>0`
E1 `(n2_23*n2_23u)<$err_lcu_val`
M1 This is too high. Please check.
W2 `(n2_23*n2_23u)<$warn_lcu_val`
M2 This seems very high. Please check.

0001000 ⭘ Thousand
1000000 ⭘ Million

N2.24. How many times have you received a share out from this group?

E `n2_9.InList(1,3)`

NUMERIC: INTEGER — n2 24

SPECIAL VALUES
000 NEVER
888 CAN'T REMEMBER

N2.25. Are you expecting to receive a share out from this group?

E `n2_24==1`

SINGLE-SELECT — n2 25

01 ⭘ Yes
00 ⭘ No

N2.26b. When did you receive the share or in what YEAR are you expecting to receive the money?	NUMERIC: INTEGER n2 26a
I YEAR	-------------------------------
E `n2_9.InList(1,3) && (n2_24.InList(2,3,4,5)) || n2_25==1`	
E1 `self>=n2_10a`	
M1 Year must be after respondent joined the group. Please check.	
E2 `self<=(IntYear+2)`	
M2 Year can not be too far in the future. Please check	

N2.26b. Month of share out / expected month of share out?	SINGLE-SELECT n2_26b
I MONTH OF SHARE OUT	001 ◯ January
F `n2_26a<IntYear || @optioncode<=IntMonth || n2_26a>IntYear || @optioncode==888`	002 ◯ February
E `IsAnswered(n2_26a)`	003 ◯ March
	004 ◯ April
	005 ◯ May
	006 ◯ June
	007 ◯ July
	008 ◯ August
	009 ◯ September
	010 ◯ October
	011 ◯ November
	012 ◯ December
	888 ◯ Don't know

N2.27. When you last received a share-out, what amount did you receive?	NUMERIC: DECIMAL n2 27
I IN Br	-------------------------------
E `n2_24.InList(2,3,4)`	
E1 `self>0`	
M1 Must be larger than zero.	

Unit of amount in Rupees	SINGLE-SELECT n2 27u
E `n2_27>0`	0001000 ◯ Thousand
E1 `(n2_27*n2_27u)<$err_lcu_val`	1000000 ◯ Million
M1 This is too high. Please check.	
W2 `(n2_27*n2_27u)<$warn_lcu_val`	
M2 This seems very high. Please check.	

N2.28. What did you mainly use the money for? E `n2_24.InList(2,3,4)`	SINGLE-SELECT	n2 28

001 ◯ Farm inputs
002 ◯ Purchase of farm equipment
003 ◯ Purchase of farm animals
004 ◯ Purchase/lease of agricultural land
005 ◯ Other agricultural costs
006 ◯ Purchase of inputs/working capital/start-up capital
007 ◯ Purchase/improvement of land/building/equipment
008 ◯ Other business expenses
009 ◯ Expanding business/enterprise
010 ◯ Consumption needs (e.g buy tv, refrigerator, computer, etc.)
011 ◯ Marriage/family events
013 ◯ Education
014 ◯ Health (e.g hospital bills)
015 ◯ To repay another loan
999 ◯ Other

N2.28oth. Please specify other.

E `n2_28==999`

TEXT   n2 28oth

N2.29. Can people take out loans from the group?

E `n2_9.InList(1,3)`

SINGLE-SELECT   n2 29

01 ◯ Yes
00 ◯ No

N2.30. How many times have you taken out a loan from the group?

E `n2_29==1`
E1 `self<100`
M1 This seems unlikely. Please check.

NUMERIC: INTEGER   n2_30

SPECIAL VALUES
000 NEVER
888 CAN'T REMEMBER

N2.31. What kind of MAIN guarantee was required by the lender?

I Please select the MAIN guarantee
E `n2_30!=1 && n2_29==1`

SINGLE-SELECT   n2 31

001 ◯ None
002 ◯ Land
003 ◯ Cattle
004 ◯ House/Building
005 ◯ Employer
006 ◯ Relatives
007 ◯ Non-relatives
999 ◯ Other (specify)
888 ◯ Don't know

N2.31oth. Please specify

E `n2_31==999`

TEXT   n2_31oth

N2.32. Have you ever been refused a loan from the group?

E `n2_29==1`

SINGLE-SELECT   n2_32

01 ◯ Yes
00 ◯ No

[K] SOCIAL CAPITAL

K1.1.Does at least one member of the household belong to the following groups?	MULTI-SELECT: YES/NO	k1_1

E1 `self.Missing.Length==0`
M1 Respondent has not yet answered all questions. Please ask all questions.

001 ☐ / ☐ Aquaculture association
002 ☐ / ☐ Fisher association
003 ☐ / ☐ Livestock Association
004 ☐ / ☐ Water user association
005 ☐ / ☐ Micro-Finance Association
018 ☐ / ☐ Credit Group
006 ☐ / ☐ Religious group
007 ☐ / ☐ Men's group
008 ☐ / ☐ Women's group
009 ☐ / ☐ Youth group
010 ☐ / ☐ Sports club
011 ☐ / ☐ Community/village welfare group
012 ☐ / ☐ Social group
013 ☐ / ☐ Cultural group
014 ☐ / ☐ Parent/Teacher's Assocation
015 ☐ / ☐ Health/Nutrition group

And 3 other symbols [12]

[K] SOCIAL CAPITAL
Roster: GROUP
generated by multi-select question `k1_1`   roster_groups

K1.1oth. Please specify other group	TEXT	k1_1oth

E `@rowcode==999`

K1.2. Who in your household is involved and/or participates in this %rostertitle%?	MULTI-SELECT: LINKED	k1_2

K2.1.Does at least one member of the household belong to the following groups?	MULTI-SELECT: YES/NO	k2_1

E1 `self.Missing.Length==0`
M1 Respondent has not yet answered all questions. Please ask all questions.

01 ☐ / ☐ NATURAL CONSERVATION GROUP
02 ☐ / ☐ VILLAGE WORKING GROUP
03 ☐ / ☐ SAVING GROUP
04 ☐ / ☐ CAPTURE FISHERY GROUP
05 ☐ / ☐ AQUACULTURE GROUP
06 ☐ / ☐ PROCESSING
07 ☐ / ☐ MARKETING GROUP
08 ☐ / ☐ VILLAGE INFRASTRUCTURE GROUP

[K] SOCIAL CAPITAL
Roster: GROUP
generated by multi-select question `k2_1`   roster_ccdp

K2.2. Please list all %rostertitle%'s that you or any member of your household belong to.	LIST	k2_1a

[K] SOCIAL CAPITAL / GROUP
Roster: %ROSTER_CCDP%
generated by list question `k2_1a`   roster_ccdpgroup

K2.2. Who in your household is involved and/or participates in this %rostertitle%?	MULTI-SELECT: LINKED	k2_2

K2.3. For how many years at least one member of the household has been involved in this %rostertitle%?	NUMERIC: INTEGER k2 3
I NUMBER OF YEARS IF THERE ARE MULTIPLE MEMBERS IN THE HOUSE HOLD, ENTER FOR THE PERSON WHO HAS BEEN A MEMBER FOR THE LONGEST	SPECIAL VALUES 00 Less than one year
K2.4. How many MEMBERS IN TOTAL are in this %rostertitle%?	NUMERIC: INTEGER k2 4
I INCLUDING OWN HOUSEHOLD MEMBERS E1 `self>k2_2.Length` M1 The size of the group must be larger than the number of your own hou sehold members participating in this group.	
K2.5. Currently, how many of these members are women?	NUMERIC: INTEGER k2_5
I INCLUDING OWN HOUSEHOLD MEMBERS E1 `self<=k2_4` M1 This is not possible. There are only %k2_4% members in this group.	SPECIAL VALUES 00 None
K2.6. Currently, how many of these members of %rostertitle% are below the age of 35 ?	NUMERIC: INTEGER k2_6
I INCLUDING OWN HOUSEHOLD MEMBERS E1 `self<=k2_4` M1 This is not possible. There are only %k2_4% members in this group.	SPECIAL VALUES 00 None
K2.11a. What is the age of the youngest person in this %rostertitle%?	NUMERIC: INTEGER k2_11a
E1 `self>10` M1 The oldest person seems to be too young to participate in such a grou p. Please check. E2 `self<120` M2 The youngest person can not be that old. Please check.	
K2.11b. What is the age of the oldest person in this %rostertitle%?	NUMERIC: INTEGER k2_11b
E1 `self>10` M1 The oldest person seems to be too young to participate in such a grou p. Please check. E2 `self<120` M2 The oldest person can not be that old. Please check.	
K2.12. For how many years is this %rostertitle% already in place?	NUMERIC: INTEGER k2 12
E1 `self<70 || self==888` M1 These many years seems unrealistic. Please check.	SPECIAL VALUES 000 This year 888 DON'T KNOW
K2.7. How many members did this %rostertitle% have IN %bl_refperiod%?	NUMERIC: INTEGER k2 12b
E `k2_12>=5` E1 `self>2` M1 This is not possible. Please check. A group must have at least 2 memb er.	SPECIAL VALUES 888 DON'T KNOW
K2.8. How often does this group meet?	NUMERIC: INTEGER k2_7a
E1 `self>0` M1 This seems unlikely. Please check.	

UNIT	SINGLE-SELECT	k2_7b
	01 ◯ PER DAY	
	02 ◯ PER WEEK	
	03 ◯ PER MONTH	
	04 ◯ PER YEAR	

K2.13. To your knowledge does %rostertitle% work with similar groups outside of the village?	SINGLE-SELECT	k2_13
	01 ◯ YES	
	00 ◯ NO	

K2.14. Is this group formally registered? I E.g. at the local DINAS, Village, District offices etc.	SINGLE-SELECT	k2_14
	01 ◯ Yes	
	00 ◯ No	

[M] MIGRATION

[M] MIGRATION
MIGRATION IN

E `hhroster.Any(x=>x.a1_7>0)`

STATIC TEXT

IF THE HOUSEHOLD MEMBER LEFT AND RETURNED MULTIPLE TIMES %refperiod%, ASK ABOUT THE MOST RECENT INSTANCE.

[M] MIGRATION / MIGRATION IN
Roster: MIGRATION EPISODE
generated by list question a1_1   roster_migrationin

E `a1_7>0`

M1.1. Did %rostertitle% join the household for the first time, or return to the household following an absence? F a1_6a>10	SINGLE-SELECT	m1_1
	01 ◯ FIRST TIME	
	02 ◯ RETURNEE	

M1.3a. In which YEAR did %rostertitle% join/rejoin the household? I YEAR E1 `self.InRange(start_refperiod.Value.Year,end_refperiod.Value.Year) || self==9` M1 This is not possible. The year of rejoin must be during %refperiod%.	NUMERIC: INTEGER	m1_3a
	- -	
	SPECIAL VALUES	
	09 Currently away	

M1.3b. In which MONTH did %rostertitle% join/rejoin the household? I MONTH F m1_3a<IntYear || @optioncode<=IntMonth //Lists all months if not wit hin year of interview. Otherwise list only those months of the Interview Year //that have passed already	SINGLE-SELECT m1_3b 01 ○ January 02 ○ February 03 ○ March 04 ○ April 05 ○ May 06 ○ June 07 ○ July 08 ○ August 09 ○ September 10 ○ October 11 ○ November 12 ○ December
M1.4. When %rostertitle% joined/rejoined the household, did they bring cash for household use?	SINGLE-SELECT m1_4 01 ○ YES 00 ○ NO
M1.5. What was the total value of the cash (In %lcu%) that %rostertitle% brought for household use when they joined/rejoined the household? I Value in %lcu% E m1_4==1 E1 self>0 M1 Respondent did bring cash for househould use. Value must be larger th an zero. E2 self<$err_lcu_val M2 This is too high. Please check. W3 self<$err_lcu_val? self<$warn_lcu_val : true M3 This seems very high. Please confirm.	NUMERIC: DECIMAL m1_5 - .
Unit of amount in Rupees E m1_5>0 E1 (m1_5*m1_5u)<$err_lcu_val M1 This is too high. Please check. W2 (m1_5*m1_5u)<$warn_lcu_val M2 This seems very high. Please check.	SINGLE-SELECT m1_5u 0001000 ○ Thousand 1000000 ○ Million
M1.6. When %rostertitle% joined/rejoined the household, did they bring in-kind goods for household use?	SINGLE-SELECT m1_6 01 ○ YES 00 ○ NO

[M] MIGRATION
MIGRATION OUT

STATIC TEXT

[ENUMERATOR, PLEASE READ:

Now I would like to talk about any spouse of the head, and all biological children of head and/or spouse(s) who currently live elsewhere.

M2.1. Is there any spouse of the head, or any biological children of head and/or spouse(s) who currently live elsewhere?	SINGLE-SELECT m2_1 01 ○ Yes 00 ○ No

M2.2. Please list any spouse of the head, and all biological children of head and/or spouse(s) who currently live elsewhere	LIST m2_2
	....
E m2_1==1	

[M] MIGRATION / MIGRATION OUT
Roster: PERMANENT MIGRATION
generated by list question m2_2   roster_migrationout

M2.3. What is the sex of %rostertitle%?	SINGLE-SELECT m2_3
	00 ◯ Male
	01 ◯ Female

M2.4. What is the age of %rostertitle%?	NUMERIC: INTEGER m2_4
I IN YEARS	- -
E1 self.InRange(0,120)	SPECIAL VALUES
M1 This seems unlikely. Please check.	00 Less than one year

M2.5. What is the highest educational qualification %rostertitle% has acquired?	SINGLE-SELECT m2_5
	00 ◯ NONE
	01 ◯ SD TIDAK SELESAI
E m2_4>=5	02 ◯ SD SELESAI
	03 ◯ SMP TIDAK SELESAI
	04 ◯ SMP SELESAI
	05 ◯ SMA TIDAK SELESAI
	06 ◯ SMA SELESAI
	07 ◯ D3 TIDAK SELESAI
	08 ◯ D3 SELESAI
	09 ◯ S1 TIDAK SELESAI
	10 ◯ S1 SELESAI
	11 ◯ LAINNYA, TULISKAN

M2.8. In which year did %rostertitle% leave the household?	NUMERIC: INTEGER m2_8
I IF MORE THAN ONE INSTANCE, REPORT MOST RECENT YEAR.	- -
E1 self>(IntYear-m2_4)	
M1 This seems unlikely. Person only can have left the household after being born.	
E2 self<=IntYear	
M2 This is not possible. Year must not be within the future.	

M2.9. Where does %rostertitle% currently live?	SINGLE-SELECT m2_9
	01 ◯ THIS VILLAGE
	02 ◯ THIS DISTRICT
	03 ◯ ANOTHER DISTRICT/S
	04 ◯ ANOTHER PROVINCE
	05 ◯ DIFFERENT COUNTRY

M2.10. Which country does %rostertitle% currently live in? E `m2_9==5`	SINGLE-SELECT $\qquad$ m2_10 01 ○ Malaysia 02 ○ Singapore 03 ○ Philippines 04 ○ Australia 05 ○ Gulf States 06 ○ Europe 07 ○ North America
M2.15. Did %rostertitle% send any cash to this household at any point during %refperiod%?	SINGLE-SELECT $\qquad$ m2_15 01 ○ Yes 00 ○ No
M2.16. At what frequency did %rostertitle% send cash to this household during %refperiod%? E `m2_15==1`	SINGLE-SELECT $\qquad$ m2_16 000 ○ ONCE 001 ○ MORE THAN ONCE PER MONTH 002 ○ MONTHLY 003 ○ QUARTERLY 004 ○ SEMI-ANNUALLY 005 ○ ANNUALLY 006 ○ SPORADICALLY AS NEEDED 999 ○ OTHER
M2.16oth. Please specify other. E `m2_16==999`	TEXT $\qquad$ m2_16oth ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯

[O] SHOCKS

O1.1a. During %refperiod%, did you experience any of the following shocks? E1 `self.Missing.Length==0` M1 Respondent has not yet answered all questions. Please ask all questions.	MULTI-SELECT: YES/NO $\qquad$ o1_1a 001 ☐ / ☐ LANDSLIDE 002 ☐ / ☐ FLOOD 003 ☐ / ☐ EARTHQUAKE 004 ☐ / ☐ TSUNAMI 005 ☐ / ☐ TWISTER/TORNADO 006 ☐ / ☐ VOLCANIC ERUPTION 007 ☐ / ☐ FOREST FIRE 008 ☐ / ☐ DROUGHT 009 ☐ / ☐ Unusually high costs for FISHERY inputs 010 ☐ / ☐ Unavailability of FISHERY inputs 011 ☐ / ☐ Unusually low prices for FISHERY outputs 012 ☐ / ☐ Unusually low demand for FISHERY outputs 013 ☐ / ☐ Unusually high prices for food 014 ☐ / ☐ End of regular community assistance/aid 015 ☐ / ☐ Loss of (non-agricultural) employment 016 ☐ / ☐ Conflict/violence (peace and order issue in your area) And 7 other symbols [13]

Please list other shocks that your household experienced	LIST	o1_1oth

E `o1_1a.Yes.Contains(999)`

....

Roster: SHOCK
generated by multi-select question o1_1a   roster_shock

O1.1b. How many times did you experience %rostertitle% during %refperiod%?	NUMERIC: INTEGER	o1_1b

- -

E `@rowcode.InList(1,2,3,4,5)`
E1 `self>0`
M1 Respondent stated to have experienced the shock. Number of times must be larger than zero.
E2 `self<=20`
M2 This seems too high. Please check.

O1.2. How severe was the impact of %rostertitle% on your household during %refperiod%?	SINGLE-SELECT	o1_2

01 ◯ None
02 ◯ Slight impact
03 ◯ Moderate impact
04 ◯ Strong impact
05 ◯ Worst ever happened

O1.3. To what extent were you and your household able to recover during %refperiod%?	SINGLE-SELECT	o1_3

01 ◯ Not affected significantly
02 ◯ Recovered and better off
03 ◯ Recovered to same level
04 ◯ Recovered some, but worse
05 ◯ Did not recover

Roster: SHOCK
generated by list question o1_1oth   roster_shockoth

O1.1b. How many times did you experience %rostertitle% during %refperiod%?	NUMERIC: INTEGER	o1_1both

- -

E1 `self>0`
M1 Respondent stated to have experienced the shock. Number of times must be larger than zero.
E2 `self.InRange(1,20)`
M2 This seems unlikely. Please check.

O1.2oth. How severe was the impact of %rostertitle% on your household during %refperiod%s?	SINGLE-SELECT	o1_2oth

01 ◯ None
02 ◯ Slight impact
03 ◯ Moderate impact
04 ◯ Strong impact
05 ◯ Worst ever happened

O1.3. To what extent were you and your household able to recover during %refperiod%?	SINGLE-SELECT	o1_3oth

01 ◯ Not affected significantly
02 ◯ Recovered and better off
03 ◯ Recovered to same level
04 ◯ Recovered some, but worse
05 ◯ Did not recover

[Q] TRAINING AND OTHER SUPPORT SERVICES RECEIVED

Q1.1. During %refperiod%, did you or anyone in your household receive any advice on the following topics?

E1 `self.Missing.Length==0`
M1 Respondent has not yet answered all questions. Please ask all questions.

MULTI-SELECT: YES/NO   q1_1

- 001 ☐ / ☐ General Aquaculture Care
- 002 ☐ / ☐ Aquaculture Disease / Vaccinations
- 003 ☐ / ☐ Aquaculture
- 004 ☐ / ☐ Sales / Marketing
- 005 ☐ / ☐ Access to Credit
- 006 ☐ / ☐ Fishing techniques
- 007 ☐ / ☐ Fish Gear
- 008 ☐ / ☐ Coast/Sea protection
- 999 ☐ / ☐ Other, Specify

[Q] TRAINING AND OTHER SUPPORT SERVICES RECEIVED
Roster: TRAINING ON
generated by multi-select question q1_1   roster_training

Q1.2. What was the <u>main source</u> of the advice on %rostertitle%?

SINGLE-SELECT   q1_2

- 002 ○ Gov. Agricultural Extension Service
- 003 ○ Private Agricultural Extension Service
- 004 ○ Gov. Fishery Extension Service
- 005 ○ NGO
- 006 ○ Agricultural Coop/Farmers' Assoc
- 007 ○ Fishing Coop
- 008 ○ Lead Farmer/Fisher
- 009 ○ Other Farmer/FIsher (Neighbor/Relative)
- 999 ○ Other (Specify)

Q1.2oth. Please specify other.

E `q1_2==999`

TEXT   q1_2oth

Q1.3. Who in your household received advice / information on %rostertitle% through %q1_2% during %refperiod%?

F `a1_6a>5`

MULTI-SELECT: LINKED   q1_3

Q1.4. How was advice mainly received from %q1_2%?

SINGLE-SELECT   q1_4

- 001 ○ Farmer Field Days/Field School
- 002 ○ Village Agricultural Extension Meeting
- 003 ○ Agricultural Extension Course
- 004 ○ Electronic Media (TV, Radio, Etc
- 005 ○ Paper Media (Handouts / Flyers)
- 006 ○ Field Visit
- 999 ○ Other (Specify)

Q1.4oth. Please specify

E `q1_4==999`

TEXT   q1_4oth

Q1.5. Did you or any member of your household pay anything in order to receive any type of advice / information from %q1_2% during %refperiod%?	SINGLE-SELECT q1_5 01 ◯ YES 00 ◯ NO
Q1.6a. Have you shared the advice you received on %rostertitle% with anyone of your relatives, neighbors or others?	SINGLE-SELECT q1_6a 01 ◯ Yes 00 ◯ No
Q1.6. How many of your relatives, neighbors or others are following the advice received on %rostertitle%? E q1_6a==1	SINGLE-SELECT q1_6 01 ◯ None 02 ◯ Some of them 03 ◯ Most of them 04 ◯ All of them

QUESTIONNAIRE WRAP UP

ENUMERATOR: RECORD DATE & TIME E id5==1	DATE: CURRENT TIME end_visitdate ••
ENUMERATOR: RECORD CURRENT GPS LOCATION E id5==1	GPS end_location N ---------------------------- W ---------------------------- A ----------------------------
STATUS OF THE QUESTIONNAIRE E id5==1	SINGLE-SELECT status 01 ◯ COMPLETED 02 ◯ INCOMPLETE
Please clarify why the questionnaire is incomplete E status==2	TEXT status_b ••

APPENDIX A — ENABLING CONDITIONS

[1] u3_1: Are any of the following an issue that hindered or dissuaded you from selling at the market(s) during %refperiod%?
Enablement Condition:

```
gear.Any(t=>t.fishseason.Any(r=>r.fishdispo.Any(e=>e.groupsales>0)))
||
siteroster.Any(y=>y.aquafish.Any(u=>u.aquafish_avgcycle.Any(p=>p.groupsales_avgaqua>0)))
||
siteroster.Any(y=>y.aquafish.Any(u=>u.aquafish_cycle.Any(p=>p.groupsales_aqua>0)))
||
fishprocess.Any(v=>v.processproduct.Any(m=>m.group_productsales>0))
```

[2] : SEASON
Enablement Condition:

```
r2_6.Length==1 && !r2_6.Contains(0) ?  @rowcode==3
:
r2_7a.Length==1 && !r2_7a.Contains(0) ? @rowcode==3
:
r2_7b.ContainsOnly(13) || r2_7b.Length==r2_7a.Length && !r2_7a.Contains(0) ?  @rowcode==3 :

@rowcode<3
```

[3] : INPUT
Enablement Condition:

```
siteroster.Any(x=>x.aquafish.Any(t=>t.aquafish_cycle.Any(e=>e.s3_6.Contains(@rowcode))))
||
siteroster.Any(x=>x.aquafish.Any(t=>t.aquafish_cycle.Any(e=>e.s3_8.Contains(@rowcode))))
||
siteroster.Any(x=>x.s2_16.Contains(@rowcode))
```

APPENDIX B — VALIDATION CONDITIONS AND MESSAGES

[1] a1_6a: A1.6a. How old is %rostertitle%? (YEARS)
Validation Condition:

```
a1_6a<120
```

Validation Message: Reported age is unlikely. Please check.
Validation Condition:

```
(a1_5==3 &&
(hhroster.Count(x=>x.@rowcode==a1_2 && x.a1_4==1 &&
(x.a1_6a-a1_6a<=14))==0)) &&
((hhroster.Count(x=>x.@rowcode==a1_2 && x.a1_4==2 &&
(x.a1_6a-a1_6a<=12))==0))

||
(@rowcode==a1_2 && a1_4==1 && (hhroster.Count(x=>x.a1_5==3 &&
(a1_6a-x.a1_6a<=14))==0))

||

(@rowcode==a1_2 && a1_4==2 && (hhroster.Count(x=>x.a1_5==3 &&
(a1_6a-x.a1_6a<=12))==0))

||

(
    !a1_5.InList(1,3)
    ||
    @rowcode==a1_2 && a1_4==null
    ||
    a1_5==3 && a1_4==null
)
```

Validation Message: Age difference between head and his child is less than 12 years. Please check.
Validation Condition:

```
(a1_5 == 2 && self >= 14) || a1_5 != 2
```

Validation Message: Person (%rostertitle%) seems to be too young to be married (%a1_6a%). Check or confirm.
Validation Condition:

```
a1_2==@rowcode ? a1_6a >= 12 : true
```

Validation Message: Household head is supposed to be an adult at least 12 years old, yet %rostertitle% is %a1_6a%. Check or confirm
Validation Condition:

```
(a1_5 == 5 && a1_6a > 24) || a1_5 != 5
```

Validation Message: Person (%rostertitle%) seems to young to be the parent of household head. Check or confirm.
Validation Condition:

```
(a1_5 == 12 && a1_6a > 36) || a1_5 != 12
```

Validation Message: Grandparent should be older than 36. Please check or confirm.
Validation Condition:

```
self>=0
```

Validation Message: THis is not possible. Age must be larger or equal to zero.

[2] a2_6: A2.6. What is the highest educational qualification %rostertitle% has acquired?
Validation Condition:

```
self==2 ? a2_5>=1 : true

//!####! Here you want to add several validation conditions that check A2.6 against
// the years of schooling completed. E.g. Post Graduate (self==9) is not possible
// with only 2 years of schooling. Adjust to country context.
```

Validation Message: With the years of formal education (%a2_5%) this answer seems unlikely. Please check.

APPENDIX C — INSTRUCTIONS

[1] h1_0: H1.0. During %refperiod%, did you OR anyone in your household run any micro-businesses/enterprises?
PROVID EXAMPLES OF ENTERPRISES SUCH AS: AGRO-PROCESSING (CROP) MANUFACTURING REPAIR / SERVICE PROVIDER CONSTRUCTION RETAIL TRADE OF AGRICULTURAL PRODUCTS TRADE OF FISH PRODUCTS TRADE OF NON-AG/NON FISH PRODUCTS RESTAURANT / BAR / HOSPITALITY TRANSPORTATION EDUCATION HEALTH CARE PROFESSIONAL / ADMINISTRATIVE ANY OTHER ENTERPRISE

APPENDIX D — OPTIONS

[1] r2_19: What <u>MAIN GEAR</u> did your %fishgroup% use to fish during %refperiod%?
Options: 1:TRAMMEL NET, 2:MINI TRAWL, 3:PUSH NET (DARI), 4:GILL NET, 5:TRAP (BELAT), 6:TIDAL TRAP (TOGO), 7:PURSE SEINE, 8:DOGOL, 9:PAYANG, 10:CANTRANG, 11:LEMPARA, 12:TRAWL PUKAT TARIK, 13:LIFT NET JARING ANGKAT, 14:TROLL LINE PANCING TONDA, 15:LONGLINE HOOK PANCING RAWE, 16:HANDLINE PANCING BIASA, 17:SPEAR GUN, 19:FISH TRAP/BUBU, 20:VERTICAL LINE, 900:Lainnya 1, 901:Lainnya 2, 902:Lainnya 3, 903:Lainnya 4

[2] r2_35: If you go fishing with %gear%, do you use any of the following additional/secondary gear?
Options: 0:NO SECONDARY GEAR USED, 1:TRAMMEL NET, 2:MINI TRAWL, 3:PUSH NET (DARI), 4:GILL NET, 5:TRAP (BELAT), 6:TIDAL TRAP (TOGO), 7:PURSE SEINE, 8:DOGOL, 9:PAYANG, 10:CANTRANG, 11:LEMPARA, 12:TRAWL PUKAT TARIK, 13:LIFT NET JARING ANGKAT, 14:TROLL LINE PANCING TONDA, 15:LONGLINE HOOK PANCING RAWE, 16:HANDLINE PANCING BIASA, 17:SPEAR GUN, 19:FISH TRAP/BUBU, 20:VERTICAL LINE, 900:Lainnya 1, 901:Lainnya 2, 902:Lainnya 3

[3] r2_11: During %fishseason%:

 Select all TARGET FISH/MAIN CATCH that your %fishgroup% was catching using %gear%.
Options: 100:Albakora, 101:Aquarium/Ornamental Fish, 102:Bawal, 103:Bawal Bintang, 104:Beloso, 105:Cakalang, 106:Carp, 107:Cucut Lanyam, 108:Cumi Cumi, 109:FINGERLINGS, 110:Gabus, 111:Gulamah, 112:Ikan belanak, 113:Ikan Lele, 114:Ikan Mujair, 115:Ikan ornamental muda, 116:Kakap Merah, 117:Kakap putih, 118:Kelah, 119:Kenyar, 120:Kepiting, 121:Kerang laut, 122:Kerapu, 123:Koi, 124:Kurisi, 125:Kuwe, 126:Layang, 127:Layaran, 128:Lisong, 129:Mackerel, 130:Mackerel/Tenggiri, 131:Madidihang / Tune ekor kuning, 132:Mix of small fish, 133:Mola-Mola, 134:Ngongok, 135:Nila tilapia, 136:Pomfret, 137:Selar, 138:Teri, 139:Toman, 140:Tongkol, 141:Tuna mata besar, 142:Tuna sirip biru, 143:Udang, 900:Other 1, 901:Other 2, 902:Other 3, 903:Other 4

[4] s2_16: Which fish did you cultivate/harvest in %siteroster% during %refperiod%?
Options: 100:Bawal Bintang, 101:Campuran dari ikan-ikan kecil, 102:Carp, 103:Gabus, 104:Ikan Bandeng, 105:Ikan Lele, 106:Ikan Mujair, 107:Kakap, 108:Kakap putih, 109:Kepiting, 110:Kerang laut, 111:Kerapu, 112:Koi, 113:Rumput laut, 114:Tilapia, 115:Toman, 116:Udang, 117:Aquarium/Ornamental Fish, 900:Lainnya 1, 901:Lainnya 2, 902:Lainnya 3, 903:Lainnya 4

[5] s3_2a: In which month did you add the fingerlings to the pond during the %number% cycle?
Options: −7:Februari 2017, −6:Maret 2017, −5:April 2017, −4:Mei 2017, −3:Juni 2017, −2:Juli 2017, −1:Agustus 2017, 1:September 2017, 2:Oktober 2017, 3:November 2017, 4:Desember 2017, 5:Januari 2018, 6:Februari 2018, 7:Maret 2018, 8:April 2018, 9:Mei 2018, 10:Juni 2018, 11:Juli 2018, 12:Agustus 2018

[6] s5_0a: In which month did you HARVEST the %aquafish% during the %number% cycle?
Options: 88:Every week/month, −7:Februari 2017, −6:Maret 2017, −5:April 2017, −4:Mei 2017, −3:Juni 2017, −2:Juli 2017, −1:Agustus 2017, 1:September 2017, 2:Oktober 2017, 3:November 2017, 4:Desember 2017, 5:Januari 2018, 6:Februari 2018, 7:Maret 2018, 8:April 2018, 9:Mei 2018, 10:Juni 2018, 11:Juli 2018, 12:Agustus 2018

[7] t2_7: During %refperiod%, which fish did you process?
Options: 100:Albakora, 101:Aquarium/Ornamental Fish, 102:Bawal, 103:Bawal Bintang, 104:Beloso, 105:Cakalang, 106:Carp, 107:Cucut Lanyam, 108:Cumi Cumi, 109:FINGERLINGS, 110:Gabus, 111:Gulamah, 112:Ikan belanak, 113:Ikan Lele, 114:Ikan Mujair, 115:Ikan ornamental muda, 116:Kakap Merah, 117:Kakap putih, 118:Kelah, 119:Kenyar, 120:Kepiting, 121:Kerang laut, 122:Kerapu, 123:Koi, 124:Kurisi, 125:Kuwe, 126:Layang, 127:Layaran, 128:Lisong, 129:Mackerel, 130:Mackerel/Tenggiri, 131:Madidihang / Tune ekor kuning, 132:Mix of small fish, 133:Mola-Mola, 134:Ngongok, 135:Nila tilapia, 136:Pomfret, 137:Selar, 138:Teri, 139:Toman, 140:Tongkol, 141:Tuna mata besar, 142:Tuna sirip biru, 143:Udang, 900:Other 1, 901:Other 2, 902:Other 3, 903:Other 4

[8] chg_3: CHG.3. Which crops did you cultivate during %refperiod%?
Options: 502:RICE, 200:COFFEE, 201:TEA, 202:RUBBER, 300:BANANA, 301:PLANTAIN, 302:MANGO, 303:PINEAPPLE, 304:JACK FRUIT, 305:PAPAYA, 306:GUAVA, 307:ORANGE, 308:LEMON, 309:LIME, 310:APPLE, 311:COCONUT, 312:PASSION FRUIT, 313:POMEGRANATE, 400:MACADAMIA NUT, 401:CASHEW NUT, 500:MAIZE, 501:WHEAT, 504:SORGHUM, 505:MILLET, 506:BARLEY, 600:SOYBEAN, 601:CHICK PEA, 602:PIGEON PEA, 603:BEAN, 604:PEA, 605:LENTIL, 100:CASSAVA, 101:ASPARAGUS, 700:GROUNDNUT, 701:SESAME, 702:RAPE SEED, 800:SWEET POTATO, 801:ORANGE FLESH SWEET POTATO, 802:IRISH POTATO, 900:TOMATO, 901:ONION, 902:PEPPER, 903:EGGPLANT, 904:CUCUMBER, 905:CARROT, 906:RADISH, 907:TURNIP, 908:CABBAGE, 909:LEAFY GREEN, 910:PUNPKIN, 911:GOURD/SQUASH, 912:CAULIFLOWER, 913:GREEN/FRENCH BEANS, 950:TOBACCO, 951:COTTON, 952:SUGAR CANE, 953:PAPRIKA, 959:OTHER 1, 960:OTHER 2, 961:OTHER 3, 962:OTHER 4

[9] chg_16: CHG.16. Which of the following crops that you harvested between %refperiod% did you sell?
Options: 502:RICE, 200:COFFEE, 201:TEA, 202:RUBBER, 300:BANANA, 301:PLANTAIN, 302:MANGO, 303:PINEAPPLE, 304:JACK FRUIT, 305:PAPAYA, 306:GUAVA, 307:ORANGE, 308:LEMON, 309:LIME, 310:APPLE, 311:COCONUT, 312:PASSION FRUIT, 313:POMEGRANATE, 400:MACADAMIA NUT, 401:CASHEW NUT, 500:MAIZE, 501:WHEAT, 504:SORGHUM, 505:MILLET, 506:BARLEY, 600:SOYBEAN, 601:CHICK PEA, 602:PIGEON PEA, 603:BEAN, 604:PEA, 605:LENTIL, 100:CASSAVA, 101:ASPARAGUS, 700:GROUNDNUT, 701:SESAME, 702:RAPE SEED, 799:OTHER NUT / OIL SEED, SPECIFY, 800:SWEET POTATO, 801:ORANGE FLESH SWEET POTATO, 802:IRISH POTATO, 900:TOMATO, 901:ONION, 902:PEPPER, 903:EGGPLANT, 904:CUCUMBER, 905:CARROT, 906:RADISH, 907:TURNIP, 908:CABBAGE, 909:LEAFY GREEN, 910:PUNPKIN, 911:GOURD/SQUASH, 912:CAULIFLOWER, 913:GREEN/FRENCH BEANS, 999:OTHER VEGETABLES, SPECIFY, 950:TOBACCO, 951:COTTON, 952:SUGAR CANE, 953:PAPRIKA, 959:OTHER 1, 960:OTHER 2, 961:OTHER 3, 962:OTHER 4

[10] e1_12: E1.12. What is your main source of drinking water?
Options: 1:Piped into dwelling, 2:Piped to yard/plot, 3:Public tap/standpipe, 4:Protected well in dwelling, 5:Protected well in yard/plot, 6:Protected public well, 7:Bottled/refill water, 8:Open well in dwelling, 9:Open well in yard/plot, 10:Open public well, 11:Spring, 12:River/stream, 13:Pond/lake, 14:Dam, 15:Rainwater, 16:Tanker truck, 999:OTHER (SPECIFY)

[11] h1_2: H1.2. What type of business is %rostertitle%?
Options: 17:ECO-TOURISM, 14:TOURISM, 15:COMMERCE, 16:SERVICES, 1:AGRO-PROCESSING (CROP), 2:MANUFACTURING, 3:REPAIR / SERVICE PROVIDER, 4:CONSTRUCTION, 5:RETAIL, 6:TRADE OF AGRICULTURAL PRODUCTS, 7:TRADE OF FISH PRODUCTS, 8:TRADE OF NON-AG/NON FISH PRODUCTS, 9:RESTAURANT / BAR / HOSPITALITY, 10:TRANSPORTATION, 11:EDUCATION, 12:HEALTH CARE, 13:PROFESSIONAL / ADMINISTRATIVE, 999:ANY OTHER ENTERPRISE

[12] k1_1: K1.1.Does at least one member of the household belong to the following groups?
Options: 1:Aquaculture association, 2:Fisher association, 3:Livestock Association, 4:Water user association, 5:Micro-Finance Association, 18:Credit Group, 6:Religious group, 7:Men's group, 8:Women's group, 9:Youth group, 10:Sports club, 11:Community/village welfare group, 12:Social group, 13:Cultural group, 14:Parent/Teacher's Assocation, 15:Health/Nutrition group, 16:Political party, 17:Policing group, 999:Other, pl

ease specify

[13] o1_1a: O1.1a. During %refperiod%, did you experience any of the following shocks?
Options: 1:LANDSLIDE, 2:FLOOD, 3:EARTHQUAKE, 4:TSUNAMI, 5:TWISTER/TORNADO, 6:VOLCANIC ERUPTION, 7:FOREST FIRE, 8:DROUGHT, 9:Unusually high costs for FISHERY inputs, 10:Unavailability of FISHERY inputs, 11:Unusually low prices for FISHERY outputs, 12:Unusually low demand for FISHERY outputs, 13:Unusually high prices for food, 14:End of regular community assistance/aid, 15:Loss of (non-agricultural) employment, 16:Conflict/violence (peace and order issue in your area), 17:Theft of money/valuables/assets/agricultural output, 18:Grabbing/appropriation of land, 19:Household Income Earner Severe Accident/Illness, 20:Other Household member Severe Accident/Illness, 21:Household Income Earner passed away, 22:Other Household member passed away, 999:Other, specify

APPENDIX E — VARIABLES

[1] fishasset:

f2boat_1a.Yes.Length>1 || f2_1_1a>0 || f2_1_2a>0 || f2_1_3a>0 || f2_1_5a>0 || f2_1_6a>0 || f2_1_7a>0 || f2_1_8a>0 || f2_1_9a>0 || f2_1_10a>0 || f2_1_11a>0 || f2_1_12a>0 || f2_1_13a>0 || f2_1_14a>0 || f2_1_15a>0 || f2_1_16a>0 || f2_1_17a>0 || f2_1_18a>0 || f2_1_19a>0 || f2_1_20a>0 || f2_1_21a>0 || f2_1_22a>0 || f2_1_23a>0 || f2_1_24a>0 || f2_1_25a>0 || f2_1_26a>0 || f2_1_27a>0 || f2_1_28a>0

APPENDIX F — OPTION FILTERS

[1] l1_6b: L1.6a. In which month of %l1_6a% was the loan from %l1_3% contracted?
l1_6a<IntYear || @optioncode<=IntMonth || @optioncode==888 //Lists all months if not within year of interview. Otherwise list only those months of the Interview Year //that have passed already and always 888 option

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?

MULTI-SELECT
SCOPE: PREFILLED
        `s4_rel_leaders_other`

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`

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