Survey Solutions

RMI Census of Population and Housing 2021

SURVEY IDENTIFICATION INFORMATION
QUESTIONNAIRE DESCRIPTION

1. COVER
No sub-sections, No rosters, Questions: 7, Static texts: 1.

2. HOUSEHOLD ROSTER: ALL INDIVIDUALS
No sub-sections, Rosters: 1, Questions: 6, Static texts: 3, Variables: 3.

3. MODULE C: POPULATION CHARACTERISTICS, DISABILITY & INTERNET
No sub-sections, Rosters: 1, Questions: 27, Static texts: 3, Variables: 1.

5. MODULE E: EDUCATION, LANGUAGES AND LITERACY
No sub-sections, Rosters: 1, Questions: 10, Static texts: 3, Variables: 1.

6. MODULE F: ECONOMIC ACTIVITIES LAST WEEK
No sub-sections, Rosters: 1, Questions: 23, Static texts: 1, Variables: 1.

7. MODULE G: FERTILITY AND MORTALITY
Sub-sections: 3, Rosters: 1, Questions: 14, Static texts: 1, Variables: 1.

9. MODULE I : HOUSING
Sub-sections: 5, Rosters: 1, Questions: 75, Static texts: 2, Variables: 1.

10. MODULE J: AGRICULTURE AND FISHING
No sub-sections, No rosters, Questions: 9, Static texts: 1, Variables: 1.

11. MODULE K: FIES (FOOD INSECURITY EXPERIENCE SCALE)
No sub-sections, No rosters, Questions: 8, Static texts: 2, Variables: 1.

12. MANUAL HOUSEHOLD LOCATION + PHOTO
No sub-sections, No rosters, Questions: 2, Static texts: 1, Variables: 1.

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

APPENDIX B — INSTRUCTIONS

APPENDIX C — CATEGORIES

LEGEND

SURVEY IDENTIFICATION INFORMATION
QUESTIONNAIRE DESCRIPTION

Basic information

Title	RMI Census of Population and Housing 2021
Version identificator	RMI-PHC-2021-FINAL

Survey data information

Study type	Population and Housing Census
Kind of data	Census/enumeration data [cen]
Mode of Data Collection	CAPI

Survey information

Country	Marshall Isld.
Year	2021
Languages	English and Marshallese
Unit of analysis	Persons, Households
Coverage	Full coverage
Universe	All persons living in Private households and Institutions
Primary Investigator	RMI National Statistics Office
Consultants	Statistics for Development Division - SPC
Funding	RMI Government

Additional info

Keywords	population, disability, education, economic activity, labour force, fertility, communication, internet, housing, agriculture, FIES

1. COVER

1a. Please enter the Atoll / island	SINGLE-SELECT: COMBO BOX Atoll_island
	01 ◯ 1-Ailinglaplap
	02 ◯ 2-Ailuk
	03 ◯ 3-Arno
	04 ◯ 4-Aur
	05 ◯ 5-Bikini
	06 ◯ 6-Ebon
	07 ◯ 7-Enewetak
	08 ◯ 8-Jabat
	09 ◯ 9-Jaluit
	10 ◯ 10-Kili
	11 ◯ 11-Kwajalein
	12 ◯ 12-Lae
	13 ◯ 13-Lib
	14 ◯ 14-Likiep
	15 ◯ 15-Majuro
	16 ◯ 16-Maloelap
	And 9 other symbols [1]
1b. Please select the Enumeration Area.	SINGLE-SELECT: CASCADING EA_number
	0102 ◯ 102-Jah
	0103 ◯ 103-Mejil
	0104 ◯ 104-Jeh
	0105 ◯ 105-Ennak
	0108 ◯ 108-Kattiej
	0109 ◯ 109-Beran
	0110 ◯ 110-Woja
	0111 ◯ 111-Enewe
	0112 ◯ 112-Bouj
	0113 ◯ 113-Jebwan
	0114 ◯ 114-Airok
	0115 ◯ 115-Tobomaru
	0116 ◯ 116-Olar
	0117 ◯ 117-Bikajela
	0203 ◯ 203-Enejelar
	0211 ◯ 211-Ailuk
	And 139 other symbols [2]

GPS - ENUMERATOR: RECORD GPS HERE. FOLLOW THE RULES BELOW:	GPS	buildingGPS

I General rules: 1. GPS can not be taken inside a building. 2. When you turn the GPS/location mode on wait at least 1 minute before trying to take a location. You will get a validation error if the acc [And 345 other symbols [1]](#)

V1 `buildingGPS.Accuracy < 20`

M1 Attention. Your accuracy of GPS point taken is: %gps_accuracy%. Accuracy needs to be less than 20m, try collecting the GPS again. If necessary go into settings and set GPS to less than 20m

V2 `self.InRectangle( (double) EA_Rectangle[(int)EA_number].north, (double) EA_Rectangle[(int)EA_number].west, (double) EA_Rectangle[(int)EA_number].south, (double) EA_Rectangle[(int)EA_nu` [And 46 other symbols [1]](#)

M2 Attention. The GPS captured does not align with the selected [Enumeration Area](EA_number): %EA_number%. Please confirm both Enumeration Area and correctly captured GPS before proceeding.

N ---------------------------------

W ---------------------------------

A ---------------------------------

1c. What type of household is this?

SINGLE-SELECT — hhtype

- 01 ○ Private household
- 02 ○ Hotel
- 03 ○ Hospital
- 04 ○ Prison
- 05 ○ Barracks e.g single barracks for military, police etc.
- 06 ○ Ships - tourist ships, fishing boats etc.
- 07 ○ Other institutions

1d. Is this dwelling currently occupied?

SINGLE-SELECT — occupancyStatus

- 01 ○ Occupied
- 02 ○ Vacant

1e. What is the name of the Head of Household / Institution

I For Private Households, please type the name of the Head of household. For Institution, type in the name of the institution.

E `occupancyStatus==1`

TEXT — name_inst

1f. What is your contact number?

I Enter 9999999 if there is no contact number or respondent refuses to provide

TEXT — contact_number

STATIC TEXT

[Enumerator, you have entered the following information:]

Atoll: %Atoll_island%
Enumeration Area: %EA_number%
Type of household: %hhtype%
Occupancy Status: %occupancyStatus%

Only proceed if this information is correct.

2. HOUSEHOLD ROSTER: ALL INDIVIDUALS

E `occupancyStatus==1`

[Enumerator:] Please press button to record start time and date of interview	DATE: CURRENT TIME	interview_date
	....	

STATIC TEXT

E `!IsAnswered(interview_date)`

[Enumerator:]

Do not forget to record start time and date of interview!

VARIABLE	DOUBLE	gps_accuracy
buildingGPS.Accuracy	This variable is excluded from the exported data	

STATIC TEXT

Please give me the name of each person who was sleeping here the midnight of 23rd August 2021, including visitors and all persons staying here who have no other home.

Do not include persons who usually reside here but were staying elsewhere on Census night - they will be counted at their current location.

NOTE: The first person listed is the Household Head

The Head or acting head is the person with primary authority and responsibility for household affairs and is, in the majority of cases, its chief economic support.

IMPORTANT: If two people have the same first name, add a middle initial

R1. What are the names of all household/institution members?	LIST	r0_hh_members
	....	

V1 `self.Select(x=>x.Item2.ToUpper()).Distinct().Count()==self.Count()`

M1 ATTENTION. YOU HAVE USED THE SAME NAME TWICE

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2. HOUSEHOLD ROSTER: ALL INDIVIDUALS
Roster: PERSON
generated by list question r0_hh_members

R2. What is %rostertitle%'s sex?	SINGLE-SELECT	r2_sex
	01 ◯ Male	
	02 ◯ Female	

R3a. What is %rostertitle% date of birth?	TEXT	dob
	....	

I Enter Date of Birth in DD/MM/YYYY format Enter 99/99/YYYY if Day and Month is unknown Enter 99/MM/YYYY if Day of Birth is unknown Enter DD/99/YYYY if Month is unknown

V1 `Convert.ToInt32(self.Substring(6,4))<=interview_date.Value.Year || !IsAnswered(interview_date) || Convert.ToInt32(self.Substring(6,4))==9999`

M1 Year cannot be in the future

V2 `Convert.ToInt32(self.Substring(3,2)).InRange(1,12) || Convert.ToInt32(self.Substring(3,2))==99`

M2 Entered value of Month is invalid. Needs to be between 1 (January) and 12 (December)!

V3 `Convert.ToInt32(self.Substring(0,2)).InRange(1,31) || Convert.ToInt32(self.Substring(0,2))==99`

M3 Entered value of DAY is invalid. Needs to be between 1 and 31!

VARIABLE	**LONG** day_of_birth
`Convert.ToInt32(dob.Substring(0,2)).InRange(1,31) ? Convert.ToInt32(dob.Substring(0,2)) : 15`	This variable is excluded from the exported data

R3b. What is %rostertitle%'s age in completed years?

	NUMERIC: INTEGER r3_age

V1   `self.InRange(0,110)`

M1   age must be between 0 and 110.

V2   `//Here we check the Date of Birth versus Age //To extract the Day/Month/Year from dob we need to SUBSTRING dob and also convert // it into a number //We don't check anything if interview_date hasn'` And 1465 other symbols [2]

M2   Attention. The Date of birth of %rostertitle% does not align with the reported age in R3a. Please check again.

SPECIAL VALUES

00   Less than one year

R4. What is the relationship of %rostertitle% to household head?

SINGLE-SELECT   r4_relat

01 ◯ Head
02 ◯ Spouse
03 ◯ Biological son/daughter
04 ◯ Adopted son/daughter
05 ◯ Son-in-law/daughter-in-law
06 ◯ Brother/Sister
07 ◯ Grandchild
08 ◯ Nephew/niece
09 ◯ Brother-in-law/sister-in-law
10 ◯ Parent of head
11 ◯ Parent of spouse
12 ◯ Child of spouse
13 ◯ Other relatives
14 ◯ No relation

E   `hhtype==1 && occupancyStatus==1`

V1   `!(r4_relat == 1 && r3_age < 15)`

M1   Head of household under 15

V2   `!(r4_relat == 2 && r3_age < 15) && ((roster_pp.Count(x=>x.r4_relat==2)<=1))`

M2   Spouse of household is under 15 OR There are multiple spouses in the household

V3   `((roster_pp.Count(x=>x.r4_relat==1)==1)) || ((roster_pp.Count(x=>x.r4_relat==1)>1) && r4_relat!=1) && !((roster_pp.Count(x=>x.r4_relat==1)==0))`

M3   There must be ONE head in the household AND the first person should always be the HEAD

V4   `!((roster_pp.Count(x=>(x.r4_relat==1 && (x.r3_age - r3_age < 15))) > 0) && r4_relat == 3)`

M4   Warning: Age difference between child and head is inconsistent

V5   `!((roster_pp.Count(x=>(x.r4_relat==1 && (x.r2_sex == 1))) > 0) && (r4_relat == 2 && r2_sex == 1)) && !((roster_pp.Count(x=>(x.r4_relat==1 && (x.r2_sex == 2))) > 0) && (r4_relat == 2 && r2_sex == 2)` And 1 other symbols [3]

M5   warning: Head and spouse cannot have same sex

V6   `!((roster_pp.Count(x=>(x.r4_relat==1 && (x.r3_age - r3_age < 30))) > 0) && r4_relat == 7)`

M6   Warning: Age difference between head and grandchild is less than 30 years.

V7   `!((roster_pp.Count(x=>(x.r4_relat==1 && (r3_age - x.r3_age < 15))) > 0) && r4_relat == 8)`

M7   Warning: Age difference is inconsistent between head and parents

V8   `!((roster_pp.Count(x=>(x.r4_relat==1 && (r3_age - x.r3_age < 15))) > 0) && r4_relat == 9)`

M8   Warning: Age difference is inconsistent between spouse and parents

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STATIC TEXT

E   `unanswered_sec2>0`

ATTENTION YOU HAVE %unanswered_sec2% UNANSWERED QUESTIONS REMAINING IN THIS SECTION!

Please, you need to fully complete this section before you continue to other sections.

VARIABLE	**DOUBLE** unanswered_sec2
`NumberUnansweredQuestions(sec_2)`	

3. MODULE C: POPULATION CHARACTERISTICS, DISABILITY & INTERNET

E (hhtype==1 && occupancyStatus==1)

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3. MODULE C: POPULATION CHARACTERISTICS, DISABILITY & INTERNET
Roster: POPULATION CHARACTERISTICS
generated by list question r0_hh_members

C1. What is %rostertitle%'s ethinicity?	SINGLE-SELECT c1_ethnic
	01 ◯ Marshall Islands
	02 ◯ Federated States of Micronesia
	03 ◯ Palau
	04 ◯ Kiribati
	05 ◯ Tuvalu
	06 ◯ Taiwan, ROC
	07 ◯ China, PRC
	08 ◯ Japan
	09 ◯ South Korea
	10 ◯ Philippines
	11 ◯ USA
	12 ◯ New Zealand
	13 ◯ Australia
	14 ◯ Fiji
	99 ◯ Other ethnicity

C1a. Other ethnicity	TEXT c1a_other_ethnic
E c1_ethnic == 99	....

C2. Is this %rostertitle%'s place of birth?	SINGLE-SELECT c2_placebirth
	01 ◯ Yes
	02 ◯ No
	99 ◯ Don't know

C2a. Where is %rostertitle%'s place of birth - Atoll/Country?	SINGLE-SELECT c2a_birth_province
F @optioncode != Atoll_island	01 ◯ Ailinglaplap
E c2_placebirth == 2	02 ◯ Ailuk
	03 ◯ Arno
	04 ◯ Aur
	05 ◯ Bikini
	06 ◯ Ebon
	07 ◯ Enewetak
	08 ◯ Jabat
	09 ◯ Jaluit
	10 ◯ Kili
	11 ◯ Kwajalein
	12 ◯ Lae
	13 ◯ Lib
	14 ◯ Likiep
	15 ◯ Majuro
	16 ◯ Maloelap
	And 26 other symbols [3]

C3. What is %rostertitle%'s citizenship?	SINGLE-SELECT c3_citizen
	01 ◯ Marshall islands
	02 ◯ Federated States of Micronesia
	03 ◯ Palau
	04 ◯ Kiribati
	05 ◯ Tuvalu
	06 ◯ Other Pacific Islands
	07 ◯ Taiwan, ROC
	08 ◯ China, PRC
	09 ◯ Japan
	10 ◯ South Korea
	11 ◯ Phillippines
	12 ◯ USA
	13 ◯ New Zealand
	14 ◯ Australia
	15 ◯ Fiji
	99 ◯ Other citizenship

C3_oth. Other citizenship description	TEXT c3_other_citizen
E `c3_citizen == 99`	....

C3a. What is the name of %rostertitle%'s clan?	SINGLE-SELECT: COMBO BOX c3a_clan
E `!c1_ethnic.InRange(2,15) || c2_placebirth ==2 || c2a_birth_province. InRange(2,15)`	01 ◯ Dapdep
	02 ◯ Erroja
	03 ◯ Erroja-kijeek
	04 ◯ Erroja-pakolikaelal
	05 ◯ Erroja-rilikin-bwilujo
	06 ◯ Errubra
	07 ◯ Ijjidik
	08 ◯ Ijjidkin-kapinmeto
	09 ◯ Irooj
	10 ◯ Jedjed
	11 ◯ Jejed
	12 ◯ Jelaplap
	13 ◯ Jemaluut
	14 ◯ Jibuklik
	15 ◯ Jibwilul
	16 ◯ Jikabo
	And 46 other symbols [4]

C4. What is %rostertitle%'s marital status?	SINGLE-SELECT c4_marital_status
E `r3_age >= 15`	01 ◯ Never married
V1 `!(r4_relat == 2 && (c4_marital_status == 1 || self > 3))`	02 ◯ Legally Married
M1 This person is a SPOUSE so marital status should be 2 or 3	03 ◯ Defacto
V2 `!((roster_pp.Count(x=>(x.r4_relat==1 && (x.c4_marital_status != c4_marital_status))) > 0) && (c4_marital_status==2 || c4_marital_status==3)) || r4_relat > 2 && c4_marital_status >= 1`	04 ◯ Widowed
	05 ◯ Separated
M2 Spouse and Head should have same Marital Status - code 2 or 3. Check Marital Status of Head	06 ◯ Divorced

C5. What is %rostertitle%'s religion?	SINGLE-SELECT c5_religion_affiliation
	01 ◯ United Church of Christ
	02 ◯ Roman Catholic
	03 ◯ Assembly of God
	04 ◯ Jehovah's Witness
	05 ◯ Reformed Congressional Church
	06 ◯ Mormon
	07 ◯ Seventh Day Adventist
	08 ◯ Bukot Nan Jesus
	09 ◯ None
	10 ◯ Full Gospel
	11 ◯ Salvation Army
	99 ◯ Other (specify)

C5a. Other religion	TEXT c5a_other_religion
E c5_religion_affiliation == 99	··

C6. Is this %rostertitle%'s usual place of residence?	SINGLE-SELECT c6_usual_residence
	01 ◯ Yes
	02 ◯ No

C6a. What is %rostertitle%'s usual place of Residence - Atoll\Country?	SINGLE-SELECT: COMBO BOX c6a_usual_resdnc_atoll
F @optioncode != Atoll_island	01 ◯ Ailinglaplap
E c6_usual_residence==2	02 ◯ Ailuk
	03 ◯ Arno
	04 ◯ Aur
	05 ◯ Bikini
	06 ◯ Ebon
	07 ◯ Enewetak
	08 ◯ Jabat
	09 ◯ Jaluit
	10 ◯ Kili
	11 ◯ Kwajalein
	12 ◯ Lae
	13 ◯ Lib
	14 ◯ Likiep
	15 ◯ Majuro
	16 ◯ Maloelap
	And 26 other symbols [5]

C6c. What is %rostertitle%'s locality on atoll/island %c6a_usual_resdnc_atoll%	TEXT c6c_usual_resd_locality
E c6_usual_residence==2 && c6a_usual_resdnc_atoll.InRange(1,26)	··

C7a. Where did %rostertitle% live 1 year ago?	SINGLE-SELECT live_1yr
E r3_age>=1	01 ◯ Same place (current residence)
	02 ◯ Elsewhere in RMI
	03 ◯ Outside the country

C7b. Select the location where %rostertitle% was living 1 year ago? F @optioncode != Atoll_island E live_1yr==2	SINGLE-SELECT live_loc1yr 01 ◯ Ailinglaplap 02 ◯ Ailuk 03 ◯ Arno 04 ◯ Aur 05 ◯ Bikini 06 ◯ Ebon 07 ◯ Enewetak 08 ◯ Jabat 09 ◯ Jaluit 10 ◯ Kili 11 ◯ Kwajalein 12 ◯ Lae 13 ◯ Lib 14 ◯ Likiep 15 ◯ Majuro 16 ◯ Maloelap And 10 other symbols [6]
C8a. Where did %rostertitle% live 5 years ago? E r3_age>=5	SINGLE-SELECT live_5yrs 01 ◯ Same place (current residence) 02 ◯ Elsewhere in RMI 03 ◯ Outside the country
C8b. Select the location where %rostertitle% was living 5 year ago? F @optioncode != Atoll_island E live_5yrs==2	SINGLE-SELECT live_loc5yrs 01 ◯ Ailinglaplap 02 ◯ Ailuk 03 ◯ Arno 04 ◯ Aur 05 ◯ Bikini 06 ◯ Ebon 07 ◯ Enewetak 08 ◯ Jabat 09 ◯ Jaluit 10 ◯ Kili 11 ◯ Kwajalein 12 ◯ Lae 13 ◯ Lib 14 ◯ Likiep 15 ◯ Majuro 16 ◯ Maloelap And 10 other symbols [7]

STATIC TEXT

E r3_age>=5

DISABILITY: The next questions ask about difficulties you may have, doing certain activities because of a HEALTH PROBLEM.

D1. Does %rostertitle% ....have difficulty seeing, even if wearing glasses? E r3_age>=5	SINGLE-SELECT d1_seeing 01 ◯ No, no difficulty 02 ◯ Yes, some difficulty 03 ◯ Yes, a lot of difficulty 04 ◯ Cannot do at all

D2. Does %rostertitle% ....have difficulty hearing, even if using a hearing aid? E r3_age>=5	SINGLE-SELECT d2_hearing 01 ◯ No, no difficulty 02 ◯ Yes, some difficulty 03 ◯ Yes, a lot of difficulty 04 ◯ Cannot do at all
D3. Does %rostertitle% ....have difficulty walking or climbing steps? E r3_age>=5	SINGLE-SELECT d3_mobility 01 ◯ No, no difficulty 02 ◯ Yes, some difficulty 03 ◯ Yes, a lot of difficulty 04 ◯ Cannot do at all
D4. Does %rostertitle% ....have difficulty remembering or concentrating? E r3_age>=5	SINGLE-SELECT d4_memory 01 ◯ No, no difficulty 02 ◯ Yes, some difficulty 03 ◯ Yes, a lot of difficulty 04 ◯ Cannot do at all
D5. Does %rostertitle% ....have difficulty (with self-care such as) washing all over or dressing? E r3_age>=5	SINGLE-SELECT d5_sefcare 01 ◯ No, no difficulty 02 ◯ Yes, some difficulty 03 ◯ Yes, a lot of difficulty 04 ◯ Cannot do at all
D6. Using your usual language, does %rostertitle% have difficulty communicating. I for example understanding or being understood by others E r3_age>=5	SINGLE-SELECT d6_communication 01 ◯ No, no difficulty 02 ◯ Yes, some difficulty 03 ◯ Yes, a lot of difficulty 04 ◯ Cannot do at all

STATIC TEXT

COMMUNICATION and INTERNET

H1. Does %rostertitle% access the internet in the past week? E r3_age >= 10	SINGLE-SELECT h1_internet_access 01 ◯ Yes 02 ◯ No
H2. Where does %rostertitle% access the internet MOST of the time in the last 12 months? E h1_internet_access == 1	SINGLE-SELECT h2_location 01 ◯ Home 02 ◯ Internet cafe 03 ◯ Free wireless hotspots area 04 ◯ Workplace 05 ◯ At place of education 99 ◯ Other places
H2a. 'Other' place where internet is accessed E h2_location == 99	TEXT h2a_other ••
H3. Does %rostertitle% have a working mobile/cell phone? E r3_age >= 10	SINGLE-SELECT h3_mobile_phone 01 ◯ Yes 02 ◯ No

STATIC TEXT

E unanswered_sec3>0

ATTENTION YOU HAVE %unanswered_sec3% UNANSWERED QUESTIONS REMAINING IN THIS

SECTION!

Only continue if you are fine with this.

VARIABLE	DOUBLE	
`NumberUnansweredQuestions(sec_3)`		`unanswered_sec3`

5. MODULE E: EDUCATION, LANGUAGES AND LITERACY

E (hhtype==1 && occupancyStatus==1)

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5. MODULE E: EDUCATION, LANGUAGES AND LITERACY

Roster: EDUCATION, LANGUAGES & LITERACY
generated by list question r0_hh_members

rost_ell

E r3_age >= 3

STATIC TEXT

EDUCATION

E1. Has %rostertitle% ever attended school or Pre School? E r3_age >= 3	SINGLE-SELECT ever_attended 01 ◯ Yes 02 ◯ No 99 ◯ Do not know

E2a. What is the highest level of schooling that %rostertitle% has attended? E ever_attended==1 V1 //IF OlDER THAN 3, PRESCHOOL + KINDERGARTE (r3_age>=3 && self<=1) || //IF 6 YEARS OLD, YOU CAN HAVE ATTENDED ELEMENTARY (r3_age>=6 && self<=2) || //IF 11 YEARS OLD, YOU CAN HAVE ATTENDED HIGH SCHOO And 196 other symbols [4] M1 This person is only %r3_age% years old. It seems unlikely that he/she has attended %level_attended%. Please confirm.	SINGLE-SELECT level_attended 00 ◯ Preschool 01 ◯ Kindergarten 02 ◯ Elementary 03 ◯ High school 04 ◯ Post-Secondary (non-teritary) 05 ◯ Tertiary 06 ◯ Other levels

E2b. What is the highest grade %rostertitle% completed at this level? E ever_attended==1 && level_attended.InRange(0,5) V1 level_attended <= 1 && self <= 3 || level_attended>1 M1 Highest level attended is Kindergarten in E2a so grade completed should be Kindergarten or less. Please confirm and make a comment if valid. V2 !(level_attended == 2 && self < 2) && !(level_attended == 2 && self >= 21) M2 Highest level attended is Elementary in E2a so grade completed should be between Kindergarten and 8th Grade. Please confirm and make a comment if valid. V3 !(level_attended == 3 && self < 21) && !(level_attended == 3 && self > 30) M3 Highest level attended is High School in E2a so grade completed should be between 9th Grade - 12th Grade. Please confirm and make a comment if valid. V4 !(level_attended == 4 && self < 17) M4 Highest level attended is Post Secondary in E2a so grade completed should be between 7th Grade and above. Please confirm and make a comment if valid. V5 !(level_attended == 5 && self < 30) M5 Highest level attended is Tertiary in E2a so grade completed should be Associate Colleage and above. Please confirm and make a comment if valid.	SINGLE-SELECT grade_completed 01 ◯ Pre-school 02 ◯ Kindergarten 11 ◯ 1st Grade 12 ◯ 2nd Grade 13 ◯ 3rd Grade 14 ◯ 4th Grade 15 ◯ 5th Grade 16 ◯ 6th Grade 17 ◯ 7th Grade 18 ◯ 8th Grade 21 ◯ 9th Grade 22 ◯ 10th Grade 23 ◯ 11th Grade 24 ◯ 12th Grade, GED 30 ◯ Associate College- Occupational Program 31 ◯ Associate College - Academic Program And 5 other symbols [8]

E3. During the current school year, did %rostertitle% attend school or preschool at any time? E ever_attended==1	SINGLE-SELECT current_attend 01 ◯ Yes 02 ◯ No 99 ◯ Don't Know

E4a. Which level is %rostertitle% attending during the current school year? E current_attend==1 V1 self>=level_attended || level_attended==6 M1 The highest level that the person has ever attended was %level_attended%. It seems unlikely that the person is now attending a lower level. Please confirm	SINGLE-SELECT current_level 00 ◯ Pre-school 01 ◯ Kindergarten 02 ◯ Elementary 03 ◯ High School 04 ◯ Post-Secondary (non-tertiary) 05 ◯ Tertiary 06 ◯ Other
E4b. At this level, which grade is %rostertitle% attending during the current school year? E current_level.InRange(0,5) V1 self>=grade_completed || grade_completed==46 M1 The highest grade that the person has ever completed was %grade_completed%. It seems unlikely that the person is now attending a lower grade. Please confirm	SINGLE-SELECT level_attending 00 ◯ Special Education 01 ◯ Pre-school/Nursery 02 ◯ Kindergarten 11 ◯ 1st Grade 12 ◯ 2nd Grade 13 ◯ 3rd Grade 14 ◯ 4th Grade 15 ◯ 5th Grade 16 ◯ 6th Grade 17 ◯ 7th Grade 18 ◯ 8th Grade 21 ◯ 9th Grade 22 ◯ 10th Grade 23 ◯ 11th Grade 24 ◯ !2th Grade, GED 30 ◯ Associate College-Occupational Program And 6 other symbols [9]

STATIC TEXT

LITERACY & LANGUAGE

E5. Can %rostertitle% read in any language? I e.g. reading a newspaper, magazine, religious books, etc. E r3_age >= 5	SINGLE-SELECT ce5_read 01 ◯ Yes 02 ◯ No
E6. Can %rostertitle% write in any language? I e.g. writing a letter, filling a form, etc. E r3_age >= 5	SINGLE-SELECT e6_writing 01 ◯ Yes 02 ◯ No
E7. Does %rostertitle% speak Marshallese at home? E r3_age >= 5	SINGLE-SELECT e7_speak_own_language 01 ◯ Yes 02 ◯ No
E8. Does %rostertitle% speak another language at home? E r3_age >= 5	SINGLE-SELECT e8_speak_other 01 ◯ Yes 02 ◯ No

STATIC TEXT

E unanswered_sec5>0

ATTENTION YOU HAVE %unanswered_sec5% UNANSWERED QUESTIONS REMAINING IN THIS SECTION!

Only continue if you are fine with this.

VARIABLE	DOUBLE	unanswered_sec5
NumberUnansweredQuestions(sec_5)		

VARIABLE	DOUBLE	unanswered_sec5
NumberUnansweredQuestions(sec_5)		

6. MODULE F: ECONOMIC ACTIVITIES LAST WEEK

E (hhtype==1 && occupancyStatus==1)

---

6. MODULE F: ECONOMIC ACTIVITIES LAST WEEK
Roster: ECONOMIC ACTIVITY (15+)
generated by list question r0_hh_members

E r3_age>=15

F1. Which of the following best describes what %rostertitle% is MAINLY doing at present...?	SINGLE-SELECT lf1 01 ◯ Working for someone else for pay 02 ◯ Working in own farming, raising animals or fishing 03 ◯ Working in any other kind of business activity 04 ◯ Household duties, chores 05 ◯ Studying 06 ◯ Doing an unpaid apprenticeship, internship 07 ◯ Doing unpaid voluntary, community, charity work 08 ◯ Looking for work 09 ◯ Retired or pensioner 10 ◯ With long-term illness, injury or disability
F2. Are the farming, fishing or animal products that %rostertitle% is working on intended...? E lf1==2	SINGLE-SELECT lf2 01 ◯ Only for sale 02 ◯ Mainly for sale 03 ◯ Mainly for family consumption 04 ◯ Only for family consumption
F2b. What is the MAIN (products/animals) that %rostertitle% (are/is) working on? I PLEASE WRITE ONLY THE MAIN GOOD –e.g. [fresh water fishing] OR [collecting coconuts]. E lf2.InList(3,4)	TEXT lf2b ....
F2c. Last week, how many hours did %rostertitle% spend working on this activity? I Please record hours to nearest 0.5 intervals. E lf2.InList(3,4)	NUMERIC: DECIMAL lf2c ------------------------------------
F3. Last week, did %rostertitle% ...? E lf1.InRange(4,11) || lf2b.Length > 0 || lf2c>0	SINGLE-SELECT lf3 01 ◯ Do any (other) work to generate an income, including [casual, part-time, odd jobs, making things to sell, offering services for pay] 02 ◯ Have a paid job or business activity, but (were/was) temporarily 03 ◯ Help without pay in a family business 04 ◯ Did not do any income generating activity, not even for one hour.

F4. In the last 4 weeks, did %rostertitle% look for a paid job or try to start a business? E 1f3==4	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	1f4
F4b. At present, does %rostertitle% want to work for pay or in your own business activity? E 1f4==2	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	1f4b
F5. If a job or business opportunity became available, could %rostertitle% start working within the next 2 weeks? E 1f4==1 || (1f4==2 && 1f4b==1)	SINGLE-SELECT 01 ◯ Yes 02 ◯ No	1f5
F6. What kind of work does %rostertitle% do in his/her main job/business? I Write the occupation title and main tasks and duties e.g [Cattle farmer –breed, raise, sell cattle; Policeman –patrol the streets; Primary school teacher –teach children to read, write] E 1f1.InList(1,3) || 1f2.InList(1,2) || 1f3.InList(1,2,3)	TEXT ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯	1f6
F6a. Please search and code (ISCO) I Try one or two searches and if you cannot find a match code as "MISSING". E 1f6.Length > 0	SINGLE-SELECT: COMBO BOX 1111 ◯ Legislators 1112 ◯ Senior government officials Minister 1113 ◯ Traditional chiefs and heads of village Kaupule 1114 ◯ Senior officials of special-interest organizations Consulate 1120 ◯ Managing directors and chief executives 1211 ◯ Finance managers 1212 ◯ Human resource managers 1213 ◯ Policy and planning managers 1219 ◯ Business services and administration managers not elsewhere classified 1221 ◯ Sales and marketing managers 1222 ◯ Advertising and public relations managers 1223 ◯ Research and development managers 1311 ◯ Agricultural and forestry production managers 1312 ◯ Aquaculture and fisheries production managers 1321 ◯ Manufacturing managers 1322 ◯ Mining managers And 421 other symbols [10]	1f6a
F7. What is the main activity of the place where %rostertitle% work(s)? I Write the main activity of the establishment and main products or services provided –eg. [Police Department –public safety; Restaurant –preparing and serving meals; Transport company –long distance tr And 17 other symbols [2] E IsAnswered(1f6) || IsAnswered(1f6a)	TEXT ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯	1f7

F7a. Please search and code (ISIC)	SINGLE-SELECT: COMBO BOX	1f7a

I Try one or two searches and if you cannot find a match code as "MISSING".

E `1f7.Length > 0`

0111 ○ Growing of cereals (except rice), leguminous crops and oil seeds
0112 ○ Growing of rice
0113 ○ Growing of vegetables and melons, roots and tubers
0114 ○ Growing of sugar cane
0115 ○ Growing of tobacco
0116 ○ Growing of fibre crops
0119 ○ Growing of other non-perennial crops
0121 ○ Growing of grapes
0122 ○ Growing of tropical and subtropical fruits
0123 ○ Growing of citrus fruits
0124 ○ Growing of pome fruits and stone fruits
0125 ○ Growing of other tree and bush fruits and nuts
0126 ○ Growing of oleaginous fruits
0127 ○ Growing of beverage crops
0128 ○ Growing of spices, aromatic, drug and pharmaceutical crops
0129 ○ Growing of other perennial crops

And 404 other symbols [11]

F7b. In what kind of place does %rostertitle% typically work?

E `IsAnswered(1f7) || IsAnswered(1f7a)`

SINGLE-SELECT   1f7b

01 ○ At own home
02 ○ At the client's or employer's home
03 ○ At a farm, agricultural land or fishing site
04 ○ At a business, office, factory, fixed premise or site
05 ○ On the street or another public space
06 ○ On a vehicle (without daily work base)
07 ○ Door-to-door
08 ○ Other places
09 ○ Cannot say

F7c. In which Atoll/Island is %rostertitle% place of work located?

E `1f7b.InRange(2,8)`

SINGLE-SELECT   1f7c

01 ○ This Atoll/Island
02 ○ Another Atoll/Island
03 ○ Another country
04 ○ Don't know

F8. Does %rostertitle% work as…?

E `IsAnswered(1f7) || IsAnswered(1f7a)`

SINGLE-SELECT   1f8

01 ○ Employee
02 ○ Paid apprentice, internship
03 ○ Employer (with hired employees)
04 ○ Own-account worker (without hired employees)
05 ○ Helper (without pay) in a family business

F8a. Does %rostertitle% work in …. ? E `1f8.InList(1,2)`	SINGLE-SELECT 1f8a 01 ○ Government, a public institution, or state owned enterprise 02 ○ A farm 03 ○ A private business or institution (non-farm) 04 ○ An NGO, non-profit or religious institution 05 ○ A household(s) as a domestic worker 06 ○ An international organization or a foreign embassy
F8b. Does %rostertitle%'s employer pay contributions to the MARSHALL ISLANDS SOCIAL SECURITY AND OTHER HEALTH INSURANCE on %rostertitle%'s behalf? E `1f8.InList(1,2)`	SINGLE-SELECT 1f8b 01 ○ Yes 02 ○ No 99 ○ Don't know
F8c. Is the business/farm where %rostertitle% works registered in the Marshall Islands Social Security Administration (MISSA) / Municipal Government? E `1f8.InList(1,2) &&1f8a==2`	SINGLE-SELECT 1f8c 01 ○ Yes 02 ○ No 03 ○ DON'T KNOW
F8d. Is %rostertitle% business registered in the Marshall Islands Social Security Administration (MISSA) / Municipal Government? E `1f8.InList(3,4,5)`	SINGLE-SELECT 1f8d 01 ○ Yes 02 ○ No 03 ○ DON'T KNOW
F9. Last week, how many hours did %rostertitle% spend working in this job/business? E `1f1.InList(1,3) || (1f1==2 & 1f2.InList(1,2)) || 1f3.InList(1,2,3)`	NUMERIC: INTEGER 1f9 --------------------------------.
F10. Last week, did %rostertitle% do any of the following activities to produce food mainly for consumption by the household… E `1f1.InList(1,3,4,5,6,7,8,9,10,11)`	MULTI-SELECT: YES/NO 1f10 01 ☐ / ☐ Farming or growing food in a plot or kitchen garden 02 ☐ / ☐ Raising or tending farm animals (examples) 03 ☐ / ☐ Fishing, fish farming, collecting shellfish 04 ☐ / ☐ Hunting or gathering wild foods (examples)
F10b. Last week, how many hours did %rostertitle% spend working in these activities? E `1f10.Yes.ContainsAny(1,2,3,4)`	NUMERIC: INTEGER 1f10b --------------------------------.

F11. Last week, did %rostertitle% spend any time...?	MULTI-SELECT: YES/NO	lf11
	01 ☐ / ☐ Preparing preserved food or drinks to store such as [flour, dried fish, butter, cheese..]	
	02 ☐ / ☐ Doing construction work to build, renovate or extend the family home	
	03 ☐ / ☐ Making any goods for household use such as [mats, baskets, furniture, clothing,..]	
	04 ☐ / ☐ Fetching water from natural or public sources for household use	
	05 ☐ / ☐ Collecting firewood [or other natural products] for household use as fuel	

STATIC TEXT

E unanswered_sec6>0

ATTENTION YOU HAVE %unanswered_sec6% UNANSWERED QUESTIONS REMAINING IN THIS SECTION!

Only continue if you are fine with this.

VARIABLE	DOUBLE	unanswered_sec6
NumberUnansweredQuestions(sec_6)		

7. MODULE G: FERTILITY AND MORTALITY

E `(hhtype==1 && occupancyStatus==1) && (roster_pp.Count(x=>(x.r2_sex==2 && x.r3_age >= 12))>=1)`

---

7. MODULE G: FERTILITY AND MORTALITY

Roster: FERTILITY AND MORTALITY
generated by list question r0_hh_members

E `r2_sex == 2 && r3_age >= 12`

G1. Has %rostertitle% ever given birth to a live child, even if the child died soon after birth?	SINGLE-SELECT	g1_ever_given_births
V1 `!(r4_relat==1 && (roster_pp.Count(y=>(y.r4_relat==3))>=1) && self == 2`	01 ◯ Yes	
M1 This cannot be 'No' as this person is the Head and has Children living in the house	02 ◯ No	
V2 `!(r4_relat==8 && r2_sex==2 && (roster_pp.Count(y=>(y.r4_relat==1))==1) && self == 2)`		
M2 This cannot be 'No' as this Person is the Mother of Head		
V3 `!(r4_relat==9 && r2_sex==1 && (roster_pp.Count(y=>(y.r4_relat==2))==1) && self == 2)`		
M3 This cannot be 'No' as this Person is Mother of Spouse		

G2. At what age did %rostertitle% have her first child?	NUMERIC: INTEGER	g2_age_1st_birth
E `g1_ever_given_births == 1`	- -	
V1 `self.InRange(12,51) || self>(r3_age-12)`		
M1 Age at first birth is unrealistic. Please confirm.		
V2 `self<=(r3_age-12)`		
M2 Attention. This seems unlikely as the persons only %r3_age% years old.		

G2a. How many boys has %rostertitle% ever given birth to that were born alive?	NUMERIC: INTEGER	g2a_boys_ever_born
E `g1_ever_given_births == 1`	- -	
W1 `g2a_boys_ever_born.InRange(0,15)`		
M1 Number of boys seems high, please confirm.		
V2 `!(r4_relat==8 && (roster_pp.Count(y=>(y.r4_relat==1 && y.r2_sex==1))==1) && self == 0)`		
M2 This cannot be 0 as this person is mother of Male Head		
V3 `!(r4_relat==9 && (roster_pp.Count(y=>(y.r4_relat==2 && y.r2_sex==1))==1) && self == 0)`		
M3 This cannot be 0 as this person is mother of Male Spouse		
V4 `!(r4_relat==1 && (roster_pp.Count(y=>(y.r4_relat==3 && y.r2_sex==1))>=1) && self == 0)`		
M4 This cannot be 0 as this person is Female Head and has Son in the house		

G2b. How many girls has %rostertitle% ever given birth to that were born alive?	NUMERIC: INTEGER	g2b_girls_ever_born
E `g1_ever_given_births == 1`	- -	
W1 `g2b_girls_ever_born.InRange(0,15)`		
M1 Number of girls seems high, please confirm.		
V2 `!(r4_relat==8 && (roster_pp.Count(y=>(y.r4_relat==1 && y.r2_sex==2))==1) && self == 0)`		
M2 This cannot be 0 as this person is mother of female Head		
V3 `!(r4_relat==9 && (roster_pp.Count(y=>(y.r4_relat==2 && y.r2_sex==2))==1) && self == 0)`		
M3 This cannot be 0 as this person is mother of female Spouse		
V4 `!(r4_relat==1 && (roster_pp.Count(y=>(y.r4_relat==3 && y.r2_sex==2))>=1) && self == 0)`		
M4 This cannot be 0 as this person is Female Head and has Daughter in the house		

BOYS EVER BORN

E `g1_ever_given_births == 1 && g2a_boys_ever_born > 0`

G3a. How many boys has %rostertitle% ever given birth to that were born alive and live in this household?

NUMERIC: INTEGER   g3a_boys_live_hh

W1 `g3a_boys_live_hh.InRange(0,15)`

M1 Number of boys seems unrealistic, please confirm

V2 `!((roster_pp.Count(x=>x.r4_relat>=1)==1) && g3a_boys_live_hh != 0)`

M2 There is only one person in this house who has no children living in the house.... please check.

V3 `!(r4_relat==1 && (roster_pp.Count(y=>(y.r4_relat==3 && y.r2_sex==1))>=1) && g3a_boys_live_hh == 0)`

M3 Cannot be 0 - this person is the Head and has Son living in the house

V4 `!(r4_relat==8 && (roster_pp.Count(y=>(y.r4_relat==1 && y.r2_sex==1))==1) && g3a_boys_live_hh == 0)`

M4 This person is the Mother of Male Head, so this cannot be 0

V5 `!(r4_relat==9 && (roster_pp.Count(y=>(y.r4_relat==2 && y.r2_sex==1))==1) && g3a_boys_live_hh == 0)`

M5 This person is the Mother of Male Spouse, so this cannot be 0

V6 `roster_pp.Count(x=>x.r2_sex==1 && x.r3_age<=(r3_age-12)) >= g3a_boys_live_hh`

M6 Number is more than number of males in the household roster which are aged 12 years younger than this woman - Please check and confirm

---

G3b. How many boys has %rostertitle% ever given birth to that were born alive and live elsewhere?

NUMERIC: INTEGER   g3b_boys_elsewhere

W1 `g3b_boys_elsewhere.InRange(0,15)`

M1 Number of boys seems unrealistic, please confirm.

G3c. How many boys has %rostertitle% ever given birth to that were born alive who have died? (include adult children)

NUMERIC: INTEGER   g3c_boys_not_alive

W1 `g3c_boys_not_alive.InRange(0,15)`

M1 Number of boys seems unrealistic, please confirm.

V2 `new[]{g3a_boys_live_hh,g3b_boys_elsewhere,g3c_boys_not_alive}.Sum()==g2a_boys_ever_born`

M2 Total boys in G3a, G3b and G3c should equal %g2a_boys_ever_born% in G2a

---

GIRLS EVER BORN

E `g1_ever_given_births == 1 && g2b_girls_ever_born > 0`

G4a. How many girls has %rostertitle% ever given birth to that were born alive and live in this household?	NUMERIC: INTEGER g4a_girls_live_hh

W1   g4a_girls_live_hh.InRange(0,15)
M1   Number of girls seems unrealistic, please confirm.
V2   !((roster_pp.Count(x=>x.r4_relat>=1)==1) && g4a_girls_live_hh != 0)
M2   There is only one person in this house who has no children living in the house.... please check.
V3   !(r4_relat==1 && (roster_pp.Count(y=>(y.r4_relat==3 && y.r2_sex==2))>=1) && g4a_girls_live_hh == 0)
M3   This person is the Head and has Daughter living in the house
V4   !(r4_relat==8 && (roster_pp.Count(y=>(y.r4_relat==1 && y.r2_sex==2))==1) && g4a_girls_live_hh == 0)
M4   This person is the Mother of Female Head, so this cannot be 0
V5   !(r4_relat==9 && (roster_pp.Count(y=>(y.r4_relat==2 && y.r2_sex==2))==1) && g4a_girls_live_hh == 0)
M5   This person is the Mother of Female Spouse, so this cannot be 0
V6   //COUNT NUMBER OF FEMALES AGED 12 YEARS YOUNGER THAN RESPONDENT roster_pp.Count(x=>x.r2_sex==2 && x.r3_age<=(r3_age-12)) >= g4a_girls_live_hh
M6   Number is more than number of females in the household roster which are aged 12 years younger than this woman - Please check and confirm.

G4b. How many girls has %rostertitle% ever given birth to that were born alive and live elsewhere?	NUMERIC: INTEGER g4b_girls_elsewhere

W1   g4b_girls_elsewhere.InRange(0,15)
M1   Number of girls seems unrealistic, please confirm.

G4c. How many girls has %rostertitle% ever given birth to that were born alive who have died? (include adult children)	NUMERIC: INTEGER g4c_girls_not_alive

W1   g4c_girls_not_alive.InRange(0,15)
M1   Number of girls seems unrealistic, please confirm.
V2   new[]{g4a_girls_live_hh,g4b_girls_elsewhere,g4c_girls_not_alive}.Sum()==g2b_girls_ever_born
M2   Total girls in G4a, G4b and G4c should equal %g2b_girls_ever_born% in G2b

7. MODULE G: FERTILITY AND MORTALITY / FERTILITY AND MORTALITY

LAST CHILD INFORMATION

E   g1_ever_given_births == 1

G5a. Which MONTH and YEAR was %rostertitle%'s last child born, even if the child died soon after birth?	TEXT g5a_last_child_mmyyyy

I   Enter Month & Year in MM/YYYY format Enter 99/YYYY if Month is unknown Try and get an estimated Year of Birth

G6. Is %rostertitle%'s last child male or female?	SINGLE-SELECT g6_last_child_sex
	01 ◯ Male
	02 ◯ Female

V1   (self==1 && g2a_boys_ever_born>0) || (self==2 && g2b_girls_ever_born>0)
M1   Sex is inconsistent to number in G3b or G3c

G7. Is %rostertitle%'s last child still alive?	SINGLE-SELECT g7_last_child_alive
	01 ◯ Yes
	02 ◯ No

V1   (self==1 && (g3c_boys_not_alive>0 || g4c_girls_not_alive>0)) || self==2
M1   Last child has died, hence either G3c or G4c have to be larger than 0, depending on the sex

G8a. Which MONTH and YEAR did %rostertitle%'s last child die?	TEXT	g8a_last_child_mmyyyy

I Enter Month & Year in MM/YYYY format Enter 99/YYYY if Month is unknown Try and get an estimated Year of Birth

E g7_last_child_alive == 2

V1 new DateTime(Convert.ToInt32(self.Substring(3,4)), Convert.ToInt32(self.Substring(0,2)), 1) >= new DateTime(Convert.ToInt32(g5a_last_child_mmyyyy.Substring(3,4)), Co
And 58 other symbols [5]

M1 This is not possible. The last child was born %g5a_last_child_mmyyyy%. Please confirm.

STATIC TEXT

E unanswered_sec7>0

ATTENTION YOU HAVE %unanswered_sec7% UNANSWERED QUESTIONS REMAINING IN THIS SECTION!

Only continue if you are fine with this.

VARIABLE	DOUBLE	unanswered_sec7
NumberUnansweredQuestions(sec_7)		

9. MODULE I : HOUSING

E (hhtype==1 && occupancyStatus==1)

BUILDING CONSTRUCTION AND FACILITES

I1. Which type of living quarters does this household live in?	SINGLE-SELECT	i1_building

I Include all apartments, flats, etc.,.

- 01 ○ A one-family house detached from any other house
- 02 ○ A one-family house made up of multiple small structures
- 03 ○ A one-family house attached to one or more house
- 04 ○ A building with two or more apartments
- 05 ○ Dwelling attached to a shop or other non-resident building
- 06 ○ Lodging house (Hostels,etc.)
- 99 ○ Other types of living quarters

I1a. Other description of type of living quarters	TEXT	i1a_other

E i1_building == 99

....

I2. Is this house/apartment...	SINGLE-SELECT	i2_type

- 01 ○ Owned by you or someone in this household with a mortgage or loan
- 02 ○ Owned by you or someone in the household free and clear
- 03 ○ Rented
- 04 ○ Rent from Public Rental Board
- 05 ○ Occupied without payment
- 06 ○ Other arrangement with owner
- 99 ○ Other tenure

I2a.Other description of housing tenure	TEXT	i2a_type_other

E i2_type == 99

....

I2b. In which year was this dwelling constructed?	NUMERIC: INTEGER	i2b_year_built

I Please record year in YYYY format.
V1 self.InRange(1950,2021)
M1 Year is a bit out of range, please confirm.

I3. MAIN material of the floor?	SINGLE-SELECT	i3_floor

- 01 ○ Wood
- 02 ○ Masonite
- 03 ○ Metal/iron/aluminium
- 04 ○ Concrete/cement/bricks
- 05 ○ Traditional materials
- 06 ○ Tent
- 99 ○ Other materials of floor

I3a. Other description of floor E `i3_floor == 99`	TEXT `i3a_floor_other` ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯
I3b. What is the estimated square footage of the floor area of this household?	SINGLE-SELECT `floor_area` 01 ○ Less than 100 02 ○ 100 – 299 03 ○ 300 – 499 04 ○ 500 - 999 05 ○ 1000 - 1999 06 ○ 2000 - 4999 07 ○ 5000 or greater
I4. MAIN material of the roof?	SINGLE-SELECT `i4_roof` 01 ○ Wood 02 ○ Metal/iron/aluminium 03 ○ Concrete/cement/bricks 04 ○ Traditional materials 05 ○ Tent 99 ○ Other materials of roof
I4a. Other description of roof E `i4_roof == 99`	TEXT `i4a_roof_other` ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯
I5. MAIN material of the outer walls?	SINGLE-SELECT `i5_material_walls` 01 ○ Wood 02 ○ Masonite 03 ○ Metal/iron/aluminium 04 ○ Concrete/cement/bricks 05 ○ Traditional materials 06 ○ Tent 99 ○ Other (specify)
I5a. Other description of walls E `i5_material_walls == 99`	TEXT `i5a_wall_other` ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯
I6. What are the sources of drinking water for members of your household?	MULTI-SELECT `i6_drink_water` 01 ☐ Public Piped Water inside dwelling 02 ☐ Public Piped Water outside dwelling 03 ☐ Public tap/standpipe 04 ☐ Piped water to neighbor 05 ☐ Dug well - protected 06 ☐ Dug well - unprotected 07 ☐ Rainwater- own tank - tap inside dwelling 08 ☐ Rainwater-own tank - tap outside dwelling 09 ☐ Communal tank 10 ☐ Communal standpipe 11 ☐ Vendor - provided/bottled water 99 ☐ Other (specify)
I6a. Other description of drinking water E `i6_drink_water.Contains(99)`	TEXT `i6a_drinkwater_other` ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯

I7. What are the sources of water used by your household for cooking and personal hygiene?	MULTI-SELECT	i7_source_water

I Example of personl hygiene include handwashing, brushing teeth etc.

- 01 ☐ Public piped water inside dwelling
- 02 ☐ Public piped water outside dwelling
- 03 ☐ Public tap/standpipe
- 04 ☐ Piped water to neighbor
- 05 ☐ Dug well - protected
- 06 ☐ Dug well - unprotected
- 07 ☐ Rain water: own tank - tap inside dwelling
- 08 ☐ Rain water: own tank - tap outside dwelling
- 09 ☐ Communal tank
- 10 ☐ Communal standpipe
- 11 ☐ Vendor - provided/bottled water
- 99 ☐ Other (Specify)

I7a.Other description of cooking water	TEXT	i7a_cookwater_other

E `i7_source_water.Contains(99)`

....

I8. What kind of toilet facility do members of your household usually use?	SINGLE-SELECT	i8_toilet_facility

- 01 ◯ Flush to piped sewer system
- 02 ◯ Flush to septic tank
- 03 ◯ Flush to pit latrine
- 04 ◯ Flush to somewhere else
- 05 ◯ Pit latrine with slab
- 06 ◯ Pit latrine without slab - open pit
- 07 ◯ Water sealed
- 08 ◯ Shared toilet
- 09 ◯ No facility, beach, bush etc.
- 99 ◯ Other (specify)

I8a.Other description of toilet	TEXT	i8a_toilet_other

E `i8_toilet_facility == 99`

....

I8b. Do you share this toilet facility with other households?	SINGLE-SELECT	i8b_share_toilet

- 01 ◯ Yes
- 02 ◯ No

I8c. How many households in total use this toilet facility, including your own household?	NUMERIC: INTEGER	i8c_num_hh_toilet

E `i8b_share_toilet==1`
V1 `i8c_num_hh_toilet>1`
M1 This is shared toilet so number of households should be greater than 1
V2 `self < 5`
M2 Number seems high, please confirm.

I9. What types of fuel does your household use for cooking?	MULTI-SELECT	i9_cook_fuel
	01 ☐ Electricity	
	02 ☐ Propane gas (LPG)	
	03 ☐ Kerosene	
	04 ☐ Solar power	
	05 ☐ Wood stove	
	06 ☐ Wood, coconut husks/shells open fire	
	99 ☐ Other (specify)	

I9a. Other description of cooking fuel	TEXT	i9a_fuel_other
E `i9_cook_fuel.Contains(99)`	....	

I10. What are the sources of electricity used by the household?	MULTI-SELECT	i10_electricity
V1 `self.Length > 1 ? !self.Contains(0) : true`	00 ☐ None	
M1 Cannot choose 'None' with any other codes	01 ☐ Government electricity	
	02 ☐ Own generator	
	03 ☐ Electricity connected from neighbor	
	04 ☐ Solar	
	99 ☐ Other (specify)	

I10a. Other description of electricity	TEXT	i10a_elect_other
E `i10_electricity.Contains(99)`	....	

I11. What are the sources of lighting used by this household?	MULTI-SELECT	i11_lighting
V1 `self.Length > 1 ? !self.Contains(0) : true`	00 ☐ None	
M1 Cannot choose 'None' with any other codes	01 ☐ Electricity	
	02 ☐ Pressure Lamp	
	03 ☐ Kerosene Lamp	
	04 ☐ Solar	
	99 ☐ Other (specify)	

I11a. Other description of lighting	TEXT	i11a_light_other
E `i11_lighting.Contains(99)`	....	

I12. Where does your household dispose its garbage/rubbish?	MULTI-SELECT	i12_waste_disp
	01 ☐ Personal bin (public collection)	
	02 ☐ Personal bin (take to dump yourself)	
	03 ☐ Burn it	
	04 ☐ Compost	
	05 ☐ Bury in yard/bush	
	06 ☐ Ocean	
	99 ☐ Other (specify)	

I12a. Other description of disposal	TEXT	i12a_dispose_other
E `i12_waste_disp.Contains(99)`	....	

STATIC TEXT

How many of the following, do you have in this house....?

.... Bedrooms	NUMERIC: INTEGER	bedroom

I   Enter 0 if none
V1   `self < 7`
M1   This number seems high, please confirm

.... Bathroom	NUMERIC: INTEGER	bathroom

I   Enter 0 if none
V1   `self < 5`
M1   This number seems high, please confirm

.... Kitchen	NUMERIC: INTEGER	kitchen

I   Enter 0 if none
V1   `self < 4`
M1   This number seems high, please confirm

9. MODULE I : HOUSING
HOUSEHOLD GOODS

I13. Does your household have any of the following goods?

I   Note: only for those in GOOD WORKING CONDITION
V1   `self.Missing.Length == 0`
M1   All categories have to be filled

MULTI-SELECT: YES/NO   i13_hhld_goods

01 ☐ / ☐   Car
02 ☐ / ☐   Truck
03 ☐ / ☐   Van
04 ☐ / ☐   Motor bike
05 ☐ / ☐   Scooter
06 ☐ / ☐   Bicycle
07 ☐ / ☐   Canoe-paddle
08 ☐ / ☐   Canoe-outrigger
09 ☐ / ☐   Refrigerator
10 ☐ / ☐   Freezer
11 ☐ / ☐   Stove
12 ☐ / ☐   Washing machine
13 ☐ / ☐   Sewing machine
14 ☐ / ☐   Generator
15 ☐ / ☐   Solar panel/equipment
16 ☐ / ☐   Television

And 5 other symbols [12]

I13a. How many Car?

E   `i13_hhld_goods.Yes.Contains(1)`
V1   `self != 0`
M1   Number cannot be 0
W2   `self < 6`
M2   This seems too high, please confirm !!

NUMERIC: INTEGER   i13a_cars

I13b. How many Truck?

E   `i13_hhld_goods.Yes.Contains(2)`
V1   `self != 0`
M1   Number cannot be 0
W2   `self < 6`
M2   This seems too high, please confirm !!

NUMERIC: INTEGER   i13b_trucks

I13c. How many Van?

NUMERIC: INTEGER   i13c_vans

E `i13_hhld_goods.Yes.Contains(3)`
V1 `self != 0`
M1 This cannot be 0
W2 `self < 6`
M2 Number seems high, please confirm

I13d. How many motorbike?

NUMERIC: INTEGER   i13d_motorbikes

E `i13_hhld_goods.Yes.Contains(4)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 No. seems high, please confirm

I13e. How many scooter?

NUMERIC: INTEGER   i13e_scooters

E `i13_hhld_goods.Yes.Contains(5)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 No. seems high, please confirm

I13f. How many bicycle?

NUMERIC: INTEGER   i13f_bicycles

E `i13_hhld_goods.Yes.Contains(6)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 No. seems high, please confirm

I13g. How many canoe_paddle?

NUMERIC: INTEGER   i13g_canoe_paddle

E `i13_hhld_goods.Yes.Contains(7)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 No. seems high, please confirm

I13h. How many canoe_outrigger?

NUMERIC: INTEGER   i13h_canoe_outrigger

E `i13_hhld_goods.Yes.Contains(8)`
V1 `self != 0`
M1 No. caanot be 0
W2 `self < 6`
M2 No. seems high, please confirm

I13i_How many refrigerator?

NUMERIC: INTEGER   i13i_refrigerators

E `i13_hhld_goods.Yes.Contains(9)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 No. seems high, please confirm

I13j. How many freezes?

NUMERIC: INTEGER   i13j_freezers

E `i13_hhld_goods.Yes.Contains(10)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 No. seems high, please confirm !!

I13k. How many stoves?

E `i13_hhld_goods.Yes.Contains(11)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 Number seems high, please confirm.

NUMERIC: INTEGER   `i13k_stoves`

I13l. How many washing machines?

E `i13_hhld_goods.Yes.Contains(12)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 No. seems high, please confirm.

NUMERIC: INTEGER   `i13l_washing_machines`

I13m.How many sewing machines?

E `i13_hhld_goods.Yes.Contains(13)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 no. seems high, please confirm.

NUMERIC: INTEGER   `i13m_sewing_machines`

I13n. How many generators?

E `i13_hhld_goods.Yes.Contains(14)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 No. seems high, please confirm

NUMERIC: INTEGER   `i13n_generators`

I13o.How many solar panels?

E `i13_hhld_goods.Yes.Contains(15)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 9`
M2 No. seems high, please confirm.

NUMERIC: INTEGER   `i13o_solar_panels`

I13p. How many Televisions?

E `i13_hhld_goods.Yes.Contains(16)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 No. seems high, please confirm.

NUMERIC: INTEGER   `i13p_TVs`

I13q. How many cell phones?

E `i13_hhld_goods.Yes.Contains(17)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 9`
M2 Number seems high, please confirm

NUMERIC: INTEGER   `i13q_cell_phones`

I13r. How many landline phones?

E `i13_hhld_goods.Yes.Contains(18)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 5`
M2 no. seems high, plesse confirm.

NUMERIC: INTEGER   `i13r_landline_phones`

I13s. How many desktop computers?	NUMERIC: INTEGER	i13s_desktop_pc

E `i13_hhld_goods.Yes.Contains(19)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 5`
M2 No. seems high, please confirm.

I13t. How many laptops?	NUMERIC: INTEGER	i13t_laptops

E `i13_hhld_goods.Yes.Contains(20)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 No. seems high, please confirm

I13u. How many tablets?	NUMERIC: INTEGER	i13u_tablets

E `i13_hhld_goods.Yes.Contains(21)`
V1 `self != 0`
M1 No. cannot be 0
W2 `self < 6`
M2 No. seems high, please confirm.

I13g. Does your household have access to the internet?	SINGLE-SELECT	i13g_internet

01 ◯ Yes
02 ◯ No

9. MODULE I : HOUSING
HOUSEHOLD INCOME SOURCES

I15a. What are the source(s) of income your household received in the last 12 months (between September 2020 and August 2021)?	MULTI-SELECT	i15a_hh_income

I This is a multi-select question, please make sure you ask the respondent the total household income receive from the above categorical list.
V1 `self.Length > 1 ? !self.Contains(0) : true`
M1 Cannot chose 'None' with any other codes
V2 `main_activity_r.Any(e=>e.lf1==1) && self.Contains(1) || !main_activity_r.Any(e=>e.lf1==1)`
M2 Attention. According to section "Economic activiest last week" at least one household member worked for someone else for pay. It is unlikely that the household did not have "Wages and Salary" as an income source during last 12 months. Please confirm.

00 ☐ None
01 ☐ Wages and salary
02 ☐ Income from own business
03 ☐ Sale of products (crops, fish, handicrafts)
04 ☐ Rental income from land lease
05 ☐ Rental income from house/flats rented out
06 ☐ Remittances from anyone not on household roster
07 ☐ Retirement fund, survivor and disability pensions
99 ☐ Other income sources

I15b. Other description of source of income	TEXT	i15b_other

E `i15a_hh_income.Contains(99)`

....

I16a. Does your Household sometimes receive MONEY from anyone not listed on the household roster or a member of the household who is temporarily travelling ?	SINGLE-SELECT	i16a_money

01 ◯ No
02 ◯ Yes, from outside the country only
03 ◯ Yes, from within the country only
04 ◯ Yes, both within and outside the country

I16b. How many times does this Household receive MONEY? E i16a_money.InRange(2,4)	SINGLE-SELECT i16b_money_freq 01 ◯ Weekly 02 ◯ Every 2 weeks 03 ◯ Every month 04 ◯ Every 2 - 3 months 05 ◯ Twice a Year 06 ◯ Once a year 07 ◯ Occasionally
I16c. What is the TOTAL INCOME for this Household in the past 12 months (between September 2020 and August 2021) from the above source(s)? I Note the amount could be a rough estimate and this does not include income received in-kind E i16a_money.InRange(2,4) || i15a_hh_income.ContainsAny(1, 2,3,4,5,6,7,8,99) V1 self>=0 M1 Cannot be negative. W2 self <= 100000 M2 This amount seems high, please confirm ! V3 self>=25 || self<=0 M3 This seems extremely low. Please confirm.	NUMERIC: INTEGER i16c_total_income - .
I16d. Does your Household sometimes receive GOODS from anyone not listed on the household roster or a member of the household who is temporarily travelling ?	SINGLE-SELECT i16c_goods 01 ◯ No 02 ◯ Yes, from outside the country only 03 ◯ Yes, from within the country only 04 ◯ Yes, both within and outside the country
I16e. How often does this household receive the GOODS? E i16c_goods.InRange(2,4)	SINGLE-SELECT i16d_how_often 01 ◯ Weekly 02 ◯ Every 2 weeks 03 ◯ Every month 04 ◯ Every 2 - 3 months 05 ◯ Twice a Year 06 ◯ Once a year 07 ◯ Occasionally

9. MODULE I : HOUSING
CLIMATE CHANGE AND ENVIRONMENT

I17a. Has your household/village been affected by any of the following? V1 self.Missing.Length==0 M1 Ensure you fill all categories	MULTI-SELECT: YES/NO i17a_environ_problem 01 ☐ / ☐ Coastal erosion 02 ☐ / ☐ Land salinization 03 ☐ / ☐ Water pollution 04 ☐ / ☐ Infertile land 05 ☐ / ☐ Pest infestation 06 ☐ / ☐ Deforestation
I17b. Do these environmental problem(s) limit your source of income//livelihood? E i17a_environ_problem.Yes.Length>0	SINGLE-SELECT I17b_limit_income 01 ◯ Yes 02 ◯ No

I17c. Have these evironmental problems caused you to move?	SINGLE-SELECT	I17c_cause_2move
E `i17a_environ_problem.Yes.Length>0`	01 ○ Yes 02 ○ No	

I17d. In the last 10 years, has your household/community been affected by? V1 `self.Missing.Length==0` M1 Ensure you fill all categories	MULTI-SELECT: YES/NO	I17d_affected_10yrs
	01 ☐ / ☐ Drought/irregular rains 02 ☐ / ☐ Floods 03 ☐ / ☐ Typhoons 04 ☐ / ☐ Storm surges 05 ☐ / ☐ King tide 06 ☐ / ☐ Tsunami	

I17e. For those reason(s) selected, have you taken any preventative measures to prevent impacts of future hazards? E `I17d_affected_10yrs.Yes.Length>0`	SINGLE-SELECT	I17e_preventative_measure
	01 ○ Yes 02 ○ No	

I17f. Why did you not take any preventive measures in the last 10 years? E `I17e_preventative_measure ==2`	MULTI-SELECT	i17f_no_measure
	01 ☐ There was nothing we could do 02 ☐ Lack of money 03 ☐ Lack of skills/knowledge 04 ☐ Lack of other resources 05 ☐ We had other priorities 06 ☐ It's not our task 07 ☐ I don't know what I should have done 08 ☐ Other	

9. MODULE I : HOUSING
HOUSEHOLD MEMBERS NO LONGER LIVING IN THE HOUSEHOLD

I20a. Did this household have members in the last 10 years who are no longer living in this household?	SINGLE-SELECT	i20a_moved_hh_last_3y
	01 ○ Yes 02 ○ No	

I20b. What are the FULL names of all household members who are no longer here? E `i20a_moved_hh_last_3y == 1`	LIST	rost_i20b_members
	··	

9. MODULE I : HOUSING / HOUSEHOLD MEMBERS NO LONGER LIVING IN THE HOUSEHOLD
Roster: MEMBERS WHO NO LONGER LIVE IN THIS HOUSEHOLD
generated by list question `rost_i20b_members`   rost_i20

I20ba. What is the Sex of %rostertitle%	SINGLE-SELECT	rost_i20_sex
	01 ○ Male 02 ○ Female	

I20bb. What is the Age of %rostertitle%	NUMERIC: INTEGER	rost_i20_age
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	

I20bc. What is the reason of %rostertitle%'s absence?	SINGLE-SELECT rost_i20_reason
	01 ◯ Passed away
	02 ◯ Living elsewhere in the Marshalls
	03 ◯ Migrate to US mainland
	04 ◯ Migrate to Hawaii
	05 ◯ Migrate to Guam
	06 ◯ Back to home country
	07 ◯ Education
	99 ◯ Other (specify)

I20bd. Other reason of absence E rost_i20_reason == 99	TEXT rost_i20_other ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄

I20bda. In which country did %rostertitle% died ? E rost_i20_reason==1	SINGLE-SELECT rost_i20_cntry_died
	01 ◯ In the country (RMI)
	02 ◯ USA
	03 ◯ New Zealand
	04 ◯ Australia
	05 ◯ Tonga
	06 ◯ Samoa
	07 ◯ Fiji
	08 ◯ Vanuatu
	09 ◯ Other Pacific Island countries
	10 ◯ Other countries outside the Pacific

I20be. What is %rostertitle%'s date of death/departure? I Please enter 99/99/9999 if day/month/year is not known	TEXT rost_i20_dep_day ┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄

STATIC TEXT

E   unanswered_sec9>0

ATTENTION YOU HAVE %unanswered_sec9% UNANSWERED QUESTIONS REMAINING IN THIS SECTION!

Only continue if you are fine with this.

VARIABLE NumberUnansweredQuestions(sec_9)	DOUBLE unanswered_sec9

10. MODULE J: AGRICULTURE AND FISHING

E   (hhtype==1 && occupancyStatus==1)

J1. Has any member of this household conducted any of the below activities in the last 12 months (between September 2020 and August 2021)?

W1 i15a_hh_income.Contains(3) && self.Yes.Length>=1 || !i15a_hh_income.Contains(3) || self.Missing.Length>0

M1 Attention. According to Question [I15a](i15a_hh_income), household received income through selling products (crops, fish, handicrafts). Please double check if household indeed did not conducty any of the activites listed here.

V2 self.Missing.Length==0

M2 Continue until you have answered all activities

MULTI-SELECT: YES/NO   j1_agricuture

01 ☐ / ☐   Growing crops
02 ☐ / ☐   Fishing
03 ☐ / ☐   Raising livestock
04 ☐ / ☐   Freshwater aqualculture
05 ☐ / ☐   Marine aquaculture
06 ☐ / ☐   Collection of forestry products
07 ☐ / ☐   Production of handicrafts
08 ☐ / ☐   Hunting

J1a. What is the purpose of GROWING CROPS?

E   j1_agriculture.Yes.Contains(1)

SINGLE-SELECT   j1a_growcrops

01 ○ Home consumption
02 ○ For sale
03 ○ Mainly consumption, but some sale
04 ○ Mainly sale but some home consumption
05 ○ Other (e.g. customary)

J1b. What is the purpose of FISHING?

E   j1_agriculture.Yes.Contains(2)

SINGLE-SELECT   j1b_fishing

01 ○ Home consumption
02 ○ For sale
03 ○ Mainly consumption, but some sale
04 ○ Mainly sale but some home consumption
05 ○ Other (e.g. customary)

J1c. What is the purpose of RAISING LIVESTOCK?

E   j1_agriculture.Yes.Contains(3)

SINGLE-SELECT   j1c_livestock

01 ○ Home consumption
02 ○ For sale
03 ○ Mainly consumption, but some sale
04 ○ Mainly sale but some home consumption
05 ○ Other (e.g. customary)

J1d. What is the purpose of FRESHWATER AQUACULTURE?

E   j1_agriculture.Yes.Contains(4)

SINGLE-SELECT   j1d_freshwater_aqua

01 ○ Home consumption
02 ○ For sale
03 ○ Mainly consumption, but some sale
04 ○ Mainly sale but some home consumption
05 ○ Other (e.g. customary)

J1e. What is the purpose of MARINE AQUACULTURE? E `j1_agricuture.Yes.Contains(5)`	SINGLE-SELECT `j1e_marine_aqua` 01 ◯ Home consumption 02 ◯ For sale 03 ◯ Mainly consumption, but some sale 04 ◯ Mainly sale but some home consumption 05 ◯ Other (e.g. customary)
J1f. What is the purpose of collecting FORESTRY PRODUCTS? E `j1_agricuture.Yes.Contains(6)`	SINGLE-SELECT `j1f_forestry` 01 ◯ Home consumption 02 ◯ For sale 03 ◯ Mainly consumption, but some sale 04 ◯ Mainly sale but some home consumption 05 ◯ Other (e.g. customary)
J1g. What is the purpose of producing HANDICRAFTS? E `j1_agricuture.Yes.Contains(7)`	SINGLE-SELECT `j1g_handicraft` 01 ◯ Gift to family/friends 02 ◯ For sale 03 ◯ Mainly for gift, but some for sale 04 ◯ mailnly for sale, but some for gift 05 ◯ Other (e.g. customary)
J1h. What is the purpose of HUNTING? E `j1_agricuture.Yes.Contains(8)`	SINGLE-SELECT `j1g_hunting` 01 ◯ Home consumption 02 ◯ For sale 03 ◯ Mainly consumption, but some sale 04 ◯ Mainly sale but some home consumption 05 ◯ Other (e.g. customary)

STATIC TEXT

E `unanswered_sec10>0`

ATTENTION YOU HAVE %unanswered_sec10% UNANSWERED QUESTIONS REMAINING IN THIS SECTION!

Only continue if you are fine with this.

VARIABLE `NumberUnansweredQuestions(sec_10)`	DOUBLE `unanswered_sec10`

11. MODULE K: FIES (FOOD INSECURITY EXPERIENCE SCALE)

E (hhtype==1 && occupancyStatus==1)

STATIC TEXT

"[Enumerator, Please read out:]

During the last 12 months (between September 2020 and August 2021), was there a time…"

K1. …..you or others in your household worried about not having enough food to eat because of a lack of money or other resources?	SINGLE-SELECT worried 01 ◯ Yes 02 ◯ No 99 ◯ Do not know 98 ◯ Refused to answer
I During the last 12 months (between September 2020 and August 2021)	
K2. …..you or others in your household were unable to eat healthy and nutritious food because of a lack of money or other resources?	SINGLE-SELECT healthy 01 ◯ Yes 02 ◯ No 99 ◯ Do not know 98 ◯ Refused to answer
I During the last 12 months (between September 2020 and August 2021)	
K3. …..you or others in your household ate only a few kinds of foods because of a lack of money or other resources?	SINGLE-SELECT fewfood 01 ◯ Yes 02 ◯ No 99 ◯ Do not know 98 ◯ Refused to answer
I During the last 12 months (between September 2020 and August 2021)	
K4. …..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 skipped 01 ◯ Yes 02 ◯ No 99 ◯ Do not know 98 ◯ Refused to answer
I During the last 12 months (between September 2020 and August 2021)	
K5. …..you or others in your household ate less than you thought you should because of a lack of money or other resources?	SINGLE-SELECT ateless 01 ◯ Yes 02 ◯ No 99 ◯ Do not know 98 ◯ Refused to answer
I During the last 12 months (between September 2020 and August 2021)	
K6. …..your household ran out of food because of a lack of money or other resources?	SINGLE-SELECT runout 01 ◯ Yes 02 ◯ No 99 ◯ Do not know 98 ◯ Refused to answer
I During the last 12 months (between September 2020 and August 2021)	
K7. …..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 hungry 01 ◯ Yes 02 ◯ No 99 ◯ Do not know 98 ◯ Refused to answer
I During the last 12 months (between September 2020 and August 2021)	

K8. .....you or others in your household went without eating for a whole day because of a lack of money or other resources?	SINGLE-SELECT	wh1day
	01 ◯ Yes	
	02 ◯ No	
I During the last 12 months (between September 2020 and August 2021)	99 ◯ Do not know	
	98 ◯ Refused to answer	

STATIC TEXT

E unanswered_sec11>0

ATTENTION YOU HAVE %unanswered_sec11% UNANSWERED QUESTIONS REMAINING IN THIS SECTION!

Only continue if you are fine with this.

VARIABLE	DOUBLE	unanswered_sec11
NumberUnansweredQuestions(sec_11)		

12. MANUAL HOUSEHOLD LOCATION + PHOTO

E `occupancyStatus == 2`

12a. Record manually the dwelling location using the map	GEOGRAPHY `hhloc_man`
I Open the map, select the map corresponding to the EA %EA_number% and plot the dwelling location on the map	
12b. Please take a photo of the front of the dwelling. FOLLOW THE RULES BELOW:	PICTURE `photo`
I Take photo of the front of the dwelling: 1. House - take FULLVIEW of the front of the house, make sure entrance/door can be seen 2. Apartments - take entrance to apartment block. One photo must be tak [And 115 other symbols [3]](#)	

STATIC TEXT

E `unanswered_sec12>0`

ATTENTION YOU HAVE %unanswered_sec12% UNANSWERED QUESTIONS REMAINING IN THIS SECTION!

Only continue if you are fine with this.

VARIABLE `NumberUnansweredQuestions(sec_12)`	DOUBLE `unanswered_sec12`

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

[1] buildingGPS: GPS - ENUMERATOR: RECORD GPS HERE. FOLLOW THE RULES BELOW:
Validation Condition:

```
buildingGPS.Accuracy < 20
```

Validation Message: Attention. Your accuracy of GPS point taken is: %gps_accuracy%. Accuracy needs to be less than 20m, try collecting the GPS again. If necessary go into settings and set GPS to less than 20m
Validation Condition:

```
self.InRectangle(
    (double) EA_Rectangle[(int)EA_number].north,
    (double) EA_Rectangle[(int)EA_number].west,
    (double) EA_Rectangle[(int)EA_number].south,
    (double) EA_Rectangle[(int)EA_number].east)

    || !IsAnswered(EA_number)
```

Validation Message: Attention. The GPS captured does not align with the selected [Enumeration Area](EA_number): %EA_number%. Please confirm both Enumeration Area and correctly captured GPS before proceeding.

[2] r3_age: R3b. What is %rostertitle%'s age in completed years?
Validation Condition:

```
self.InRange(0,110)
```

Validation Message: age must be between 0 and 110.
Validation Condition:

```
//Here we check the Date of Birth versus Age

//To extract the Day/Month/Year from dob we need to SUBSTRING dob and also convert
// it into a number

//We don't check anything if interview_date hasn't been answered
IsAnswered(interview_date) && IsAnswered(dob)?
(
//First we want to check if we have all information (No DK's) then we just simply
// compute the DOB using reported year, month and day and compare it against A4
//using the current date of interview and then calculate FullYearsBetween(dob,interview_date)
Convert.ToInt32(dob.Substring(3,2)).InRange(1,12) // Month known
&& Convert.ToInt32(dob.Substring(6,4)).InRange(1900,2021) //  and Year known ?
&& IsAnswered(interview_date) // And we know the current year?
?
FullYearsBetween( //Compute number of full years between dob + day of interview

   new DateTime(
   Convert.ToInt32(dob.Substring(6,4)),
   Convert.ToInt32(dob.Substring(3,2)),
   (int)day_of_birth) ,
    interview_date)==r3_age //Should equal to R3 (age)

   :

//If Month Unknown, we at least can compute the difference in years.
//But the age might differ +-1 year depending on the month of birth

!Convert.ToInt32(dob.Substring(3,2)).InRange(1,12) // Month unknown
&& Convert.ToInt32(dob.Substring(6,4)).InRange(1900,interview_date.Value.Year) //  and Year known

?
 (interview_date.Value.Year //Year of interview
 - Convert.ToInt32(dob.Substring(6,4))) //Minus the year of day_of_birth
 .InRange((int)r3_age-1,(int)r3_age+1) //Needs to be equal to dob (+- one year)
:
   //Otherwise we can't check much and just leave it
   true
   )
   : true // That is the end of the IsAnswered(interview_date) if condition
```

Validation Message: Attention. The Date of birth of %rostertitle% does not align with the reported age in R3a. Please check again.

[3] r4_relat: R4. What is the relationship of %rostertitle% to household head?
Validation Condition:

```
!(r4_relat == 1 && r3_age < 15)
```

Validation Message: Head of household under 15
Validation Condition:

```
!(r4_relat == 2 && r3_age < 15) &&
((roster_pp.Count(x=>x.r4_relat==2)<=1))
```

Validation Message: Spouse of household is under 15 OR There are multiple spouses in the household
Validation Condition:

```
((roster_pp.Count(x=>x.r4_relat==1)==1)) ||
((roster_pp.Count(x=>x.r4_relat==1)>1) && r4_relat!=1) &&
!((roster_pp.Count(x=>x.r4_relat==1)==0))
```

Validation Message: There must be ONE head in the household AND the first person should always be the HEAD
Validation Condition:

```
!((roster_pp.Count(x=>(x.r4_relat==1 &&
(x.r3_age - r3_age < 15))) > 0) && r4_relat == 3)
```

Validation Message: Warning: Age difference between child and head is inconsistent
Validation Condition:

```
!((roster_pp.Count(x=>(x.r4_relat==1 &&
(x.r2_sex == 1))) > 0) && (r4_relat == 2 && r2_sex == 1)) &&
!((roster_pp.Count(x=>(x.r4_relat==1 && (x.r2_sex == 2))) > 0)
&& (r4_relat == 2 && r2_sex == 2))
```

Validation Message: warning: Head and spouse cannot have same sex
Validation Condition:

```
!((roster_pp.Count(x=>(x.r4_relat==1 &&
(x.r3_age - r3_age < 30))) > 0) && r4_relat == 7)
```

Validation Message: Warning: Age difference between head and grandchild is less than 30 years.
Validation Condition:

```
!((roster_pp.Count(x=>(x.r4_relat==1 &&
(r3_age - x.r3_age < 15))) > 0) && r4_relat == 8)
```

Validation Message: Warning: Age difference is inconsistent between head and parents
Validation Condition:

```
!((roster_pp.Count(x=>(x.r4_relat==1 &&
(r3_age - x.r3_age < 15))) > 0) && r4_relat == 9)
```

Validation Message: Warning: Age difference is inconsistent between spouse and parents

[4] level_attended: E2a. What is the highest level of schooling that %rostertitle% has attended?
Validation Condition:

```
//IF OlDER THAN 3, PRESCHOOL + KINDERGARTE
(r3_age>=3 && self<=1)   ||
//IF 6 YEARS OLD, YOU CAN HAVE ATTENDED ELEMENTARY
(r3_age>=6 && self<=2) ||
//IF 11 YEARS OLD, YOU CAN HAVE ATTENDED HIGH SCHOOL
(r3_age>=11 && self<=3)   ||
//IF 16 YEARS OLD, YOU CAN HAVE ATTENDED Post-Secondary (non-teritary) & TERTIARY
(r3_age>=16 && self>=4) ||
//OR ANY OTHER LEVEL WHICH WE CANT CHECK ANYWAY
self==6
```

Validation Message: This person is only %r3_age% years old. It seems unlikely that he/she has attended %level_attended%. Please confirm.

[5] g8a_last_child_mmyyyy: G8a. Which MONTH and YEAR did %rostertitle%'s last child die?
Validation Condition:

```
new DateTime(
   Convert.ToInt32(self.Substring(3,4)),
   Convert.ToInt32(self.Substring(0,2)),
   1)
   >=


   new DateTime(
   Convert.ToInt32(g5a_last_child_mmyyyy.Substring(3,4)),
   Convert.ToInt32(g5a_last_child_mmyyyy.Substring(0,2)),
   1)
```

Validation Message: This is not possible. The last child was born %g5a_last_child_mmyyyy%. Please confirm.

APPENDIX B — INSTRUCTIONS

[1] buildingGPS: GPS - ENUMERATOR: RECORD GPS HERE. FOLLOW THE RULES BELOW:

General rules: 1. GPS can not be taken inside a building. 2. When you turn the GPS/location mode on wait at least 1 minute before trying to take a location. You will get a validation error if the accuracy is not better than 20m. Stand on the same spot and press the GPS button again. 3. Try taking the GPS point in the front door. 4. Stand at least 20m away from the wall of a building 5. Make sure you can see the sky 6. Don't stand under a tree unless there is no other option You will need to try at least a few times to capture the points.

[2] lf7: F7. What is the main activity of the place where %rostertitle% work(s)?

Write the main activity of the establishment and main products or services provided –eg. [Police Department –public safety; Restaurant – preparing and serving meals; Transport company –long distance transport of goods]

[3] photo: 12b. Please take a photo of the front of the dwelling. FOLLOW THE RULES BELOW:

Take photo of the front of the dwelling: 1. House - take FULLVIEW of the front of the house, make sure entrance/door can be seen 2. Apartments - take entrance to apartment block. One photo must be taken for EVERY apartment in the block. 3. Prison - take the front/entrance. 4. Hotel/Motel - take the front/entrance.

APPENDIX C — CATEGORIES

[1] Atoll_island: 1a. Please enter the Atoll / island
Categories: 1:1-Ailinglaplap, 2:2-Ailuk, 3:3-Arno, 4:4-Aur, 5:5-Bikini, 6:6-Ebon, 7:7-Enewetak, 8:8-Jabat, 9:9-Jaluit, 10:10-Kili, 11:11-Kwajalein, 12:12-Lae, 13:13-Lib, 14:14-Likiep, 15:15-Majuro, 16:16-Maloelap, 17:17-Mejit, 18:18-Mili, 19:19-Namdrik, 20:20-Namu, 21:21-Rongelap, 22:22-Ujae, 24:24-Utirik, 25:25-Wotho, 26:26-Wotje

[2] EA_number: 1b. Please select the Enumeration Area.
Categories: 102:102-Jah, 103:103-Mejil, 104:104-Jeh, 105:105-Ennak, 108:108-Kattiej, 109:109-Beran, 110:110-Woja, 111:111-Enewe, 112:112-Bouj, 113:113-Jebwan, 114:114-Airok, 115:115-Tobomaru, 116:116-Olar, 117:117-Bikajela, 203:203-Enejelar, 211:211-Ailuk, 221:221-Enelik, 301:301-Ine, 302:302-Japo, 303:303-Kinajon, 304:304-Likwoj - Lukoj, 305:305-Arno, 307:307-Ulien, 308:308-Eneaidrik, 309:309-Kileman, 311:311-Namwi, 312:312-Meetdik, 313:313-Bekarej, 316:316-Kidenen, 317:317-Mwean, 318:318-Todo - Tutu, 320:320-Jilan - Jilane, 327:327-Langor, 328:328-Eneraan, 329:329-Tinak, 330:330-Kilange, 331:331-Malel, 332:332-Ijoen - Iloen, 333:333-Matolen, 401:401-Tabal, 402:402-Aur, 501:501-Eneu, 601:601-Jittaken, 602:602-Jittoen, 603:603-Rerok, 604:604-Enearmij, 605:605-Emej, 606:606-Enilok, 607:607-Toka, 608:608-Enekoton, 609:609-Eneaitok, 701:701-Enewetak, 801:801-Jabat, 901:901-Bokanake, 903:903-Wotle, 904:904-Lonane - Lonone, 905:905-Narmej, 906:906-Bukantorak, 907:907-Nanij, 908:908-Mejatto, 909:909-Imroj, 911:911-Imiej, 912:912-Jabwor, 913:913-Jaluit, 914:914-Ewo, 915:915-Menge, 916:916-Mejrirok, 917:917-Ae, 919:919-Jabnoren, 924:924-Arreen, 927:927-Urbaj, 928:928-Nabbe, 1001:1001-Kili, 1101:1101-Enubirr, 1102:1102-Roi Namur, 1104:1104-Ebadon, 1105:1105-Mejatto, 1106:1106-Nene, 1107:1107-Gugeegue, 1108:1108-Ebwaj, 1109:1109-North Loi, 1110:1110-South Loi, 1111:1111-Ebeye Zone 1, 1112:1112-Ebeye Zone 2, 1113:1113-Ebeye Zone 3, 1114:1114-Ebeye Zone 4, 1115:1115-Ebeye Zone 5, 1116:1116-Ebjadik, 1118:1118-Kwajalein, 1119:1119-Enubuj - Carlson, 1120:1120-Carlos, 1121:1121-Bikkej, 1203:1203-Lae, 1204:1204-Enerein, 1301:1301-Lib, 1401:1401-Melang, 1402:1402-Jebal, 1403:1403-Likiep, 1501:1501-Rita 1, 1502:1502-Rita 2, 1503:1503-Rita 3, 1504:1504-Jenrok, 1505:1505-Downtown, 1506:1506-Uliga, 1507:1507-Small Island, 1508:1508-Delap 1, 1509:1509-Delap 2, 1510:1510-Delap 3, 1511:1511-Delap 4, 1512:1512-Bridge - Batkan, 1513:1513-Jable - Long Island, 1514:1514-Long Island, 1515:1515-Rairok, 1516:1516-Rairok - Airport, 1517:1517-Ajeltake, 1518:1518-Ajeltake - Woja, 1519:1519-Woja - Arrak, 1520:1520-Laura 1, 1521:1521-Laura 2, 1522:1522-Laura 3, 1523:1523-Aenkan, 1524:1524-Ejit, 1601:1601-Kaben, 1602:1602-Jang, 1603:1603-Wolot, 1604:1604-Tarawa, 1605:1605-Airok, 1701:1701-Mejit, 1801:1801-Wau, 1802:1802-Lukonwod, 1803:1803-Enejet, 1804:1804-Arbar, 1805:1805-Mili, 1806:1806-Nad, 1807:1807-Nallu, 1809:1809-Anel, 1810:1810-Tokewa, 1811:1811-Bar, 1812:1812-Jabonar, 1813:1813-Nadikdik, 1814:1814-Aeloneo, 1901:1901-Namdrik, 2001:2001-Namu, 2002:2002-Majkin, 2003:2003-Mae, 2004:2004-Eoo, 2005:2005-Loen, 2006:2006-Lukoj, 2101:2101-Rongelap, 2201:2201-Ujae, 2401:2401-Utirik, 2501:2501-Wotho, 2601:2601-Wormej, 2603:2603-Wotje, 2612:2612-Enebun

[3] c2a_birth_province: C2a. Where is %rostertitle%'s place of birth - Atoll/Country?
Categories: 1:Ailinglaplap, 2:Ailuk, 3:Arno, 4:Aur, 5:Bikini, 6:Ebon, 7:Enewetak, 8:Jabat, 9:Jaluit, 10:Kili, 11:Kwajalein, 12:Lae, 13:Lib, 14:Likiep, 15:Majuro, 16:Maloelap, 17:Mejit, 18:Mili, 19:Namdrik, 20:Namu, 21:Rongelap, 22:Ujae, 23:Ujelang, 24:Utirik, 25:Wotho, 26:Wotje, 31:Federated States of Micronesia, 32:Palau, 33:Kiribati, 34:Tuvalu, 35:Other Pacific Islands, 36:Taiwan, ROC, 37:China, PRC, 38:Japan, 39:South Korea, 40:Philippines, 41:Other Asia, 42:USA, 43:New Zealand, 44:Australia, 45:Fiji, 46:Other countries

[4] c3a_clan: C3a. What is the name of %rostertitle%'s clan?
Categories: 1:Dapdep, 2:Erroja, 3:Erroja-kijeek, 4:Erroja-pakolikaelal, 5:Erroja-rilikin-bwilujo, 6:Errubra, 7:Ijjidik, 8:Ijjidkin-kapinmeto, 9:Irooj, 10:Jedjed, 11:Jejed, 12:Jelaplap, 13:Jemaluut, 14:Jibuklik, 15:Jibwilul, 16:Jikabo, 17:Jol, 18:Jowa, 19:Kalo, 20:Kotra, 21:Looj, 22:Look, 23:Mekijko, 24:Mokauleej, 25:Pit, 26:Raarno, 27:Raej, 28:Rael, 29:Raur, 30:Ri-Epaton, 31:Ri-ikjet, 32:Ri-Jebwoj, 33:Ri-Kuwajleen, 34:Ri-Likijjine, 35:Ri-likin Jepakina, 36:Ri-Lobaren, 37:Ri-Lokilone, 38:Ri-Lokolane, 39:Ri-Lomalo, 40:Ri_Loojran, 41:Ri-Lotobon, 42:Ri-Lujien Namo, 43:Ri-Luut, 44:Ri-Matolen, 45:Ri-Meik, 46:Ri-Namo, 47:Ri-pako, 48:Ri-Pikaarej, 49:Ri-Pit, 50:Ri-Pitin_Namdik, 51:Ri-Wojja, 52:Ri-Kwodo, 53:Rubojaar, 54:Rukin-aelonin, 55:Rukipinaelonin, 56:Rukipinbwilujo, 57:Ri-Mae, 58:Ri-Malel, 59:Ri-Mwejoor, 60:Ri-Tobaal, 61:Tilan, 98:None

[5] c6a_usual_resdnc_atoll: C6a. What is %rostertitle%'s usual place of Residence - Atoll\Country?
Categories: 1:Ailinglaplap, 2:Ailuk, 3:Arno, 4:Aur, 5:Bikini, 6:Ebon, 7:Enewetak, 8:Jabat, 9:Jaluit, 10:Kili, 11:Kwajalein, 12:Lae, 13:Lib, 14:Likiep, 15:Majuro, 16:Maloelap, 17:Mejit, 18:Mili, 19:Namdrik, 20:Namu, 21:Rongelap, 22:Ujae, 23:Ujelang, 24:Utirik, 25:Wotho, 26:Wotje, 31:Federated States of Micronesia, 32:Palau, 33:Kiribati, 34:Tuvalu, 35:Other Pacific Islands, 36:Taiwan, ROC, 37:China, PRC, 38:Japan, 39:South Korea, 40:Philippines, 41:Other Asia, 42:USA, 43:New Zealand, 44:Australia, 45:Fiji, 46:Other countries

[6] live_loc1yr: C7b. Select the location where %rostertitle% was living 1 year ago?
Categories: 1:Ailinglaplap, 2:Ailuk, 3:Arno, 4:Aur, 5:Bikini, 6:Ebon, 7:Enewetak, 8:Jabat, 9:Jaluit, 10:Kili, 11:Kwajalein, 12:Lae, 13:Lib, 14:Likiep, 15:Majuro, 16:Maloelap, 17:Mejit, 18:Mili, 19:Namdrik, 20:Namu, 21:Rongelap, 22:Ujae, 23:Ujelang, 24:Utirik, 25:Wotho, 26:Wotje

[7] live_loc5yrs: C8b. Select the location where %rostertitle% was living 5 year ago?
Categories: 1:Ailinglaplap, 2:Ailuk, 3:Arno, 4:Aur, 5:Bikini, 6:Ebon, 7:Enewetak, 8:Jabat, 9:Jaluit, 10:Kili, 11:Kwajalein, 12:Lae, 13:Lib, 14:Likiep, 15:Majuro, 16:Maloelap, 17:Mejit, 18:Mili, 19:Namdrik, 20:Namu, 21:Rongelap, 22:Ujae, 23:Ujelang, 24:Utirik, 25:Wotho, 26:Wotje

[8] grade_completed: E2b. What is the highest grade %rostertitle% completed at this level?
Categories: 1:Pre-school, 2:Kindergarten, 11:1st Grade, 12:2nd Grade, 13:3rd Grade, 14:4th Grade, 15:5th Grade, 16:6th Grade, 17:7th Grade, 18:8th Grade, 21:9th Grade, 22:10th Grade, 23:11th Grade, 24:12th Grade, GED, 30:Associate College- Occupational Program, 31:Associate College - Academic Program, 42:Associate degree, 43:Bachelor's degree, 44:Master's Degree, 45:PhD, 46:Other professional degree

[9] level_attending: E4b. At this level, which grade is %rostertitle% attending during the current school year?
Categories: 0:Special Education, 1:Pre-school/Nursery, 2:Kindergarten, 11:1st Grade, 12:2nd Grade, 13:3rd Grade, 14:4th Grade, 15:5th Grade, 16:6th Grade, 17:7th Grade, 18:8th Grade, 21:9th Grade, 22:10th Grade, 23:11th Grade, 24:!2th Grade, GED, 30:Associate College- Occupational Program, 31:Associate College - Academic Program, 42:Associate degree, 43:Bachelor's degree, 44:Master's Degree, 45:PhD, 46:Other professional degree

[10] lf6a: F6a. Please search and code (ISCO)
Categories: 1111:Legislators, 1112:Senior government officials Minister, 1113:Traditional chiefs and heads of village Kaupule, 1114:Senior officials of special-interest organizations Consulate, 1120:Managing directors and chief executives, 1211:Finance managers, 1212:Human resource managers, 1213:Policy and planning managers, 1219:Business services and administration managers not elsewhere classified, 1221:Sales and marketing managers, 1222:Advertising and public relations managers, 1223:Research and development managers, 1311:Agricultural

and forestry production managers, 1312: Aquaculture and fisheries production managers, 1321: Manufacturing managers, 1322: Mining mana gers, 1323: Construction managers, 1324: Supply, distribution and related managers, 1330: Information and communications technology servic e managers, 1341: Child care services managers, 1342: Health services managers, 1343: Aged care services managers, 1344: Social welfare managers, 1345: Education managers Principal, 1346: Financial and insurance services branch managers, 1349: Professional services manage rs not elsewhere classified, 1411: Hotel managers, 1412: Restaurant managers, 1420: Retail and wholesale trade managers, 1431: Sports, recr eation and cultural centre managers, 1439: Services managers not elsewhere classified, 2111: Physicists and astronomers, 2112: Meteorologis ts, 2113: Chemists, 2114: Geologists and geophysicists, 2120: Mathematicians, actuaries and statisticians, 2131: Biologists, botanists, zoologist s and related professionals, 2132: Farming, forestry and fisheries advisers, 2133: Environmental protection professionals, 2141: Industrial and production engineers, 2142: Civil engineers, 2143: Environmental engineers, 2144: Mechanical engineers, 2145: Chemical engineers, 2146: Mi ning engineers, metallurgists and related professionals, 2149: Engineering professionals not elsewhere classified, 2151: Electrical engineers, 2 152: Electronics engineers, 2153: Telecommunications engineers, 2161: Building architects, 2162: Landscape architects, 2163: Product and gar ment designers, 2164: Town and traffic planners, 2165: Cartographers and surveyors, 2166: Graphic and multimedia designers, 2211: Generali st medical practitioners, 2212: Specialist medical practitioners, 2221: Nursing professionals, 2222: Midwifery professionals, 2230: Traditional a nd complementary medicine professionals, 2240: Paramedical practitioners, 2250: Veterinarians, 2261: Dentists, 2262: Pharmacists, 2263: Envi ronmental and occupational health and hygiene professionals, 2264: Physiotherapists, 2265: Dieticians and nutritionists, 2266: Audiologists and speech therapists, 2267: Optometrists and ophthalmic opticians, 2269: Health professionals not elsewhere classified, 2310: University and high er education teachers, 2320: Vocational education teachers, 2330: Secondary education teachers, 2341: Primary school teachers, 2342: Early c hildhood educators, 2351: Education methods specialists, 2352: Special needs teachers, 2353: Other language teachers, 2354: Other music tea chers, 2355: Other arts teachers, 2356: Information technology trainers, 2359: Teaching professionals not elsewhere classified, 2411: Accounta nts, 2412: Financial and investment advisers, 2413: Financial analysts, 2421: Management and organization analysts, 2422: Policy administratio n professionals, 2423: Personnel and careers professionals, 2424: Training and staff development professionals, 2431: Advertising and marketi ng professionals, 2432: Public relations professionals, 2433: Technical and medical sales professionals (excluding ICT), 2434: Information and c ommunications technology sales professionals, 2511: Systems analysts, 2512: Software developers, 2513: Web and multimedia developers, 25 14: Applications programmers, 2519: Software and applications developers and analysts not elsewhere classified, 2521: Database designers a nd administrators, 2522: Systems administrators, 2523: Computer network professionals, 2529: Database and network professionals not elsew here classified, 2611: Lawyers, 2612: Judges, 2619: Legal professionals not elsewhere classified, 2621: Archivists and curators, 2622: Librarians and related information professionals, 2631: Economists, 2632: Sociologists, anthropologists and related professionals, 2633: Philosophers, hist orians and political scientists, 2634: Psychologists, 2635: Social work and counselling professionals, 2636: Religious professionals, 2641: Author s and related writers, 2642: Journalists, 2643: Translators, interpreters and other linguists, 2651: Visual artists, 2652: Musicians, singers and co mposers, 2653: Dancers and choreographers, 2654: Film, stage and related directors and producers, 2655: Actors, 2656: Announcers on radio, television and other media, 2659: Creative and performing artists not elsewhere classified, 3111: Chemical and physical science technicians, 31 12: Civil engineering technicians, 3113: Electrical engineering technicians, 3114: Electronics engineering technicians, 3115: Mechanical enginee ring technicians, 3116: Chemical engineering technicians, 3117: Mining and metallurgical technicians, 3118: Draughtspersons, 3119: Physical a nd engineering science technicians not elsewhere classified, 3121: Mining supervisors, 3122: Manufacturing supervisors, 3123: Construction su pervisors, 3131: Power production plant operators, 3132: Incinerator and water treatment plant operators, 3133: Chemical processing plant co ntrollers, 3134: Petroleum and natural gas refining plant operators, 3135: Metal production process controllers, 3139: Process control technicia ns not elsewhere classified, 3141: Life science technicians (excluding medical), 3142: Agricultural technicians, 3143: Forestry technicians, 3151: Ships' engineers, 3152: Ships' deck officers and pilots, 3153: Aircraft pilots and related associate professionals, 3154: Air traffic controllers, 315 5: Air traffic safety electronics technicians, 3211: Medical imaging and therapeutic equipment technicians, 3212: Medical and pathology laborat ory technicians, 3213: Pharmaceutical technicians and assistants, 3214: Medical and dental prosthetic technicians, 3221: Nursing associate pro fessionals, 3222: Midwifery associate professionals, 3230: Traditional and complementary medicine associate professionals, 3240: Veterinary t echnicians and assistants, 3251: Dental assistants and therapists, 3252: Medical records and health information technicians, 3253: Community health workers, 3254: Dispensing opticians, 3255: Physiotherapy technicians and assistants, 3256: Medical assistants, 3257: Environmental and occupational health inspectors and associates, 3258: Ambulance workers, 3259: Health associate professionals not elsewhere classified, 3311: Securities and finance dealers and brokers, 3312: Credit and loans officers, 3313: Accounting associate professionals, 3314: Statistical, mathe matical and related associate professionals, 3315: Valuers and loss assessors, 3321: Insurance representatives, 3322: Commercial sales repre sentatives, 3323: Buyers, 3324: Trade brokers, 3331: Clearing and forwarding agents, 3332: Conference and event planners, 3333: Employmen t agents and contractors, 3334: Real estate agents and property managers, 3339: Business services agents not elsewhere classified, 3341: Offi ce supervisors, 3342: Legal secretaries, 3343: Administrative and executive secretaries, 3344: Medical secretaries, 3351: Customs and border i nspectors, 3352: Government tax and excise officials Custom officer, 3353: Government social benefits officials, 3354: Government licensing of ficials, 3355: Police inspectors and detectives, 3359: Regulatory government associate professionals not elsewhere classified Observer, 3411: L egal and Related Associate Professionals, 3412: Social work associate professionals, 3413: Religious associate professionals, 3421: Athletes an d sports players, 3422: Sports coaches, instructors and officials, 3423: Fitness and recreation instructors and program leaders, 3431: Photograp hers, 3432: Interior designers and decorators, 3433: Gallery, museum and library technicians, 3434: Chefs, 3435: Other artistic and cultural ass ociate professionals, 3511: Information and communications technology operations technicians, 3512: Information and communications techno logy user support technicians, 3513: Computer network and systems technicians, 3514: Web technicians, 3521: Broadcasting and audio-visual t echnicians, 3522: Telecommunications engineering technicians, 4110: General office clerks, 4120: Secretaries (general), 4131: Typists and wor d processing operators, 4132: Data entry clerks, 4211: Bank tellers and related clerks, 4212: Bookmakers, croupiers and related gaming worker s, 4213: Pawnbrokers and money-lenders, 4214: Debt-collectors and related workers, 4221: Travel consultants and clerks, 4222: Contact centre information clerks, 4223: Telephone switchboard operators, 4224: Hotel receptionists, 4225: Enquiry clerks, 4226: Receptionists (general), 4227 : Survey and market research interviewers, 4229: Client information workers not elsewhere classified, 4311: Accounting and bookkeeping clerk s, 4312: Statistical, finance and insurance clerks, 4313: Payroll clerks, 4321: Stock clerks, 4322: Production clerks, 4323: Transport clerks, 4411: Library clerks, 4412: Mail carriers and sorting clerks, 4413: Coding, proof-reading and related clerks, 4414: Scribes and related workers, 4415: F iling and copying clerks, 4416: Personnel clerks, 4419: Clerical support workers not elsewhere classified, 5111: Travel attendants and travel ste wards, 5112: Transport conductors, 5113: Travel guides, 5120: Cooks, 5131: Waiters, 5132: Bartenders, 5141: Hairdressers, 5142: Beauticians and related workers, 5151: Cleaning and housekeeping supervisors in offices, hotels and other establishments, 5152: Domestic housekeepers, 5153: Building caretakers, 5161: Astrologers, fortune-tellers and related workers, 5162: Companions and valets, 5163: Undertakers and embal mers, 5164: Pet groomers and animal care workers, 5165: Driving instructors, 5169: Personal services workers not elsewhere classified, 5211: Stall and market salespersons, 5212: Street food salespersons, 5221: Shop keepers, 5222: Shop supervisors, 5223: Shop sales assistants, 5230 : Cashiers and ticket clerks, 5241: Fashion and other models, 5242: Sales demonstrators, 5243: Door to door salespersons, 5244: Contact centr e salespersons, 5245: Service station attendants, 5246: Food service counter attendants, 5249: Sales workers not elsewhere classified, 5311: C hild care workers, 5312: Teachers' aides, 5321: Health care assistants, 5322: Home-based personal care workers, 5329: Personal care workers in health services not elsewhere classified, 5411: Fire-fighters, 5412: Police officers, 5413: Prison guards, 5414: Security guards, 5419: Protectiv e services workers not elsewhere classified, 6111: Field crop and vegetable growers, 6112: Tree and shrub crop growers Toddy Coconut Breadf ruit Pandanus, 6113: Gardeners, horticultural and nursery growers, 6114: Mixed crop growers, 6121: Livestock and dairy producers, 6122: Poult ry producers Chicken Pig, 6123: Apiarists and sericulturists, 6129: Animal producers not elsewhere classified, 6130: Mixed crop and animal pro ducers Chicken Toddy Pig, 6210: Forestry and related workers, 6221: Aquaculture workers, 6222: Inland and coastal waters fishery workers, 62

23:Deep-sea fishery workers, 6224:Hunters and trappers, 6310:Subsistence crop farmers Toddy, 6320:Subsistence livestock farmers Chicken Pig, 6330:Subsistence mixed crop and livestock farmers Chicken Toddy Pig, 6340:Subsistence fishers, hunters, trappers and gatherers, 7111:House builders, 7112:Bricklayers and related workers, 7113:Stonemasons, stone cutters, splitters and carvers, 7114:Concrete placers, concrete finishers and related workers, 7115:Carpenters and joiners, 7119:Building frame and related trades workers not elsewhere classified, 7121:Roofers, 7122:Floor layers and tile setters, 7123:Plasterers, 7124:Insulation workers, 7125:Glaziers, 7126:Plumbers and pipe fitters, 7127:Air conditioning and refrigeration mechanics, 7131:Painters and related workers, 7132:Spray painters and varnishers, 7133:Building structure cleaners, 7211:Metal moulders and coremakers, 7212:Welders and flamecutters, 7213:Sheet-metal workers, 7214:Structural-metal preparers and erectors, 7215:Riggers and cable splicers, 7221:Blacksmiths, hammersmiths and forging press workers, 7222:Toolmakers and related workers, 7223:Metal working machine tool setters and operators, 7224:Metal polishers, wheel grinders and tool sharpeners, 7231:Motor vehicle mechanics and repairers, 7232:Aircraft engine mechanics and repairers, 7233:Agricultural and industrial machinery mechanics and repairers, 7234:Bicycle and related repairers, 7311:Precision-instrument makers and repairers, 7312:Musical instrument makers and tuners, 7313:Jewellery and precious-metal workers, 7314:Potters and related workers, 7315:Glass makers, cutters, grinders and finishers, 7316:Sign writers, decorative painters, engravers and etchers, 7317:Handicraft workers in wood, leaves, and related materials - weaved mats, baskets, fans; wood carvings, titi makers, 7318:Handicraft workers in textile, leather and related materials - sulu, print maker, 7319:Handicraft workers not elsewhere classified - Mataili makers, Tui Misa, Tui Pule, Tui Puka, 7321:Pre-press technicians, 7322:Printers, 7323:Print finishing and binding workers, 7411:Building and related electricians, 7412:Electrical mechanics and fitters, 7413:Electrical line installers and repairers, 7421:Electronics mechanics and servicers, 7422:Information and communications technology installers and servicers, 7511:Butchers, fishmongers and related food preparers, 7512:Bakers, pastry-cooks and confectionery makers, 7513:Dairy-products makers, 7514:Fruit, vegetable and related preservers, 7515:Food and beverage tasters and graders, 7516:Tobacco preparers and tobacco products makers, 7521:Wood treaters, 7522:Cabinet-makers and related workers, 7523:Woodworking-machine tool setters and operators, 7531:Tailors, dressmakers, furriers and hatters, 7532:Garment and related pattern-makers and cutters, 7533:Sewing, embroidery and related workers, 7534:Upholsterers and related workers, 7535:Pelt dressers, tanners and fellmongers, 7536:Shoemakers and related workers, 7541:Underwater divers, 7542:Shotfirers and blasters, 7543:Product graders and testers (excluding foods and beverages), 7544:Fumigators and other pest and weed controllers, 7549:Craft and related workers not elsewhere classified, 8111:Miners and quarriers, 8112:Mineral and stone processing plant operators, 8113:Well drillers and borers and related workers, 8114:Cement, stone and other mineral products machine operators, 8121:Metal processing plant operators, 8122:Metal finishing, plating and coating machine operators, 8131:Chemical products plant and machine operators, 8132:Photographic products machine operators, 8141:Rubber products machine operators, 8142:Plastic products machine operators, 8143:Paper products machine operators, 8151:Fibre preparing, spinning and winding machine operators, 8152:Weaving and knitting machine operators, 8153:Sewing machine operators, 8154:Bleaching, dyeing and fabric cleaning machine operators, 8155:Fur and leather preparing machine operators, 8156:Shoemaking and related machine operators, 8157:Laundry machine operators, 8159:Textile, fur and leather products machine operators not elsewhere classified, 8160:Food and related products machine operators, 8171:Pulp and papermaking plant operators, 8172:Wood processing plant operators, 8181:Glass and ceramics plant operators, 8182:Steam engine and boiler operators, 8183:Packing, bottling and labelling machine operators, 8189:Stationary plant and machine operators not elsewhere classified, 8211:Mechanical machinery assemblers, 8212:Electrical and electronic equipment assemblers, 8219:Assemblers not elsewhere classified, 8311:Locomotive engine drivers, 8312:Railway brake, signal and switch operators, 8321:Motorcycle drivers, 8322:Car, taxi and van drivers, 8331:Bus and tram drivers, 8332:Heavy truck and lorry drivers, 8341:Mobile farm and forestry plant operators, 8342:Earthmoving and related plant operators, 8343:Crane, hoist and related plant operators, 8344:Lifting truck operators, 8350:Ships' deck crews and related workers, 9111:Domestic cleaners and helpers, 9112:Cleaners and helpers in offices, hotels and other establishments, 9121:Hand launderers and pressers, 9122:Vehicle cleaners, 9123:Window cleaners, 9129:Other cleaning workers, 9211:Crop farm labourers, 9212:Livestock farm labourers, 9213:Mixed crop and livestock farm labourers, 9214:Garden and horticultural labourers, 9215:Forestry labourers, 9216:Fishery and aquaculture labourers, 9311:Mining and quarrying labourers, 9312:Civil engineering labourers, 9313:Building construction labourers, 9321:Hand packers Fruit Packer, 9329:Manufacturing labourers not elsewhere classified, 9331:Hand and pedal vehicle drivers, 9332:Drivers of animal-drawn vehicles and machinery, 9333:Freight handlers Cargo Boys, 9334:Shelf fillers, 9411:Fast food preparers, 9412:Kitchen helpers, 9510:Street and related service workers, 9520:Street vendors (excluding food), 9611:Garbage and recycling collectors, 9612:Refuse sorters, 9613:Sweepers and related labourers, 9621:Messengers, package deliverers and luggage porters, 9622:Odd job persons, 9623:Meter readers and vending-machine collectors, 9624:Water and firewood collectors, 9629:Elementary workers not elsewhere classified, 110:Commissioned armed forces officers, 210:Non-commissioned armed forces officers, 310:Armed forces occupations, other ranks, 9999:Missing

[11] **lf7a: F7a. Please search and code (ISIC)**

Categories: 111:Growing of cereals (except rice), leguminous crops and oil seeds, 112:Growing of rice, 113:Growing of vegetables and melons, roots and tubers, 114:Growing of sugar cane, 115:Growing of tobacco, 116:Growing of fibre crops, 119:Growing of other non-perennial crops, 121:Growing of grapes, 122:Growing of tropical and subtropical fruits, 123:Growing of citrus fruits, 124:Growing of pome fruits and stone fruits, 125:Growing of other tree and bush fruits and nuts, 126:Growing of oleaginous fruits, 127:Growing of beverage crops, 128:Growing of spices, aromatic, drug and pharmaceutical crops, 129:Growing of other perennial crops, 130:Plant propagation, 141:Raising of cattle and buffaloes, 142:Raising of horses and other equines, 143:Raising of camels and camelids, 144:Raising of sheep and goats, 145:Raising of swine/pigs, 146:Raising of poultry, 149:Raising of other animals, 150:Mixed farming, 161:Support activities for crop production, 162:Support activities for animal production, 163:Post-harvest crop activities, 164:Seed processing for propagation, 170:Hunting, trapping and related service activities, 210:Silviculture and other forestry activities, 220:Logging, 230:Gathering of non-wood forest products, 240:Support services to forestry, 311:Marine fishing, 312:Freshwater fishing, 321:Marine aquaculture, 322:Freshwater aquaculture, 510:Mining of hard coal, 520:Mining of lignite, 610:Extraction of crude petroleum, 620:Extraction of natural gas, 710:Mining of iron ores, 721:Mining of uranium and thorium ores, 729:Mining of other non-ferrous metal ores, 810:Quarrying of stone, sand and clay, 891:Mining of chemical and fertilizer minerals, 892:Extraction of peat, 893:Extraction of salt, 899:Other mining and quarrying n.e.c., 910:Support activities for petroleum and natural gas extraction, 990:Support activities for other mining and quarrying, 1010:Processing and preserving of meat, 1020:Processing and preserving of fish, crustaceans and molluscs, 1030:Processing and preserving of fruit and vegetables, 1040:Manufacture of vegetable and animal oils and fats, 1050:Manufacture of dairy products, 1061:Manufacture of grain mill products, 1062:Manufacture of starches and starch products, 1071:Manufacture of bakery products, 1072:Manufacture of sugar, 1073:Manufacture of cocoa, chocolate and sugar confectionery, 1074:Manufacture of macaroni, noodles, couscous and similar farinaceous products, 1075:Manufacture of prepared meals and dishes, 1079:Manufacture of other food products n.e.c., 1080:Manufacture of prepared animal feeds, 1101:Distilling, rectifying and blending of spirits, 1102:Manufacture of wines, 1103:Manufacture of malt liquors and malt, 1104:Manufacture of soft drinks; production of mineral waters and other bottled waters, 1200:Manufacture of tobacco products, 1311:Preparation and spinning of textile fibres, 1312:Weaving of textiles, 1313:Finishing of textiles, 1391:Manufacture of knitted and crocheted fabrics, 1392:Manufacture of made-up textile articles, except apparel, 1393:Manufacture of carpets and rugs, 1394:Manufacture of cordage, rope, twine and netting, 1399:Manufacture of other textiles n.e.c., 1410:Manufacture of wearing apparel, except fur apparel, 1420:Manufacture of articles of fur, 1430:Manufacture of knitted and crocheted apparel, 1511:Tanning and dressing of leather; dressing and dyeing of fur, 1512:Manufacture of luggage, handbags and the like, saddlery and harness, 1520:Manufacture of footwear, 1610:Sawmilling and planing of wood, 1621:Manufacture of veneer sheets and wood-based panels, 1622:Manufacture of builders' carpentry and joinery, 1623:Manufacture of wooden containers, 1629:Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials, 1701:Manufacture of pulp, paper and paperboard, 1702:Manufacture of corrugated paper and paperboard and of containers of paper and paperboa

rd, 1709 : Manufacture of other articles of paper and paperboard, 1811 : Printing, 1812 : Service activities related to printing, 1820 : Reproduction of recorded media, 1910 : Manufacture of coke oven products, 1920 : Manufacture of refined petroleum products, 2011 : Manufacture of basic ch emicals, 2012 : Manufacture of fertilizers and nitrogen compounds, 2013 : Manufacture of plastics and synthetic rubber in primary forms, 2021 : Manufacture of pesticides and other agrochemical products, 2022 : Manufacture of paints, varnishes and similar coatings, printing ink and masti cs, 2023 : Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations, 2029 : Manufacture of ot her chemical products n.e.c., 2030 : Manufacture of man-made fibres, 2100 : Manufacture of pharmaceuticals, medicinal chemical and botanical products, 2211 : Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres, 2219 : Manufacture of other rubber products, 2220 : Manufacture of plastics products, 2310 : Manufacture of glass and glass products, 2391 : Manufacture of refractory products, 2392 : Manu facture of clay building materials, 2393 : Manufacture of other porcelain and ceramic products, 2394 : Manufacture of cement, lime and plaster, 2395 : Manufacture of articles of concrete, cement and plaster, 2396 : Cutting, shaping and finishing of stone, 2399 : Manufacture of other non-m etallic mineral products n.e.c., 2410 : Manufacture of basic iron and steel, 2420 : Manufacture of basic precious and other non-ferrous metals, 24 31 : Casting of iron and steel, 2432 : Casting of non-ferrous metals, 2511 : Manufacture of structural metal products, 2512 : Manufacture of tanks, reservoirs and containers of metal, 2513 : Manufacture of steam generators, except central heating hot water boilers, 2520 : Manufacture of we apons and ammunition, 2591 : Forging, pressing, stamping and roll-forming of metal; powder metallurgy, 2592 : Treatment and coating of metals ; machining, 2593 : Manufacture of cutlery, hand tools and general hardware, 2599 : Manufacture of other fabricated metal products n.e.c., 2610 : Manufacture of electronic components and boards, 2620 : Manufacture of computers and peripheral equipment, 2630 : Manufacture of commu nication equipment, 2640 : Manufacture of consumer electronics, 2651 : Manufacture of measuring, testing, navigating and control equipment, 2 652 : Manufacture of watches and clocks, 2660 : Manufacture of irradiation, electromedical and electrotherapeutic equipment, 2670 : Manufactu re of optical instruments and photographic equipment, 2680 : Manufacture of magnetic and optical media, 2710 : Manufacture of electric motors , generators, transformers and electricity distribution and control apparatus, 2720 : Manufacture of batteries and accumulators, 2731 : Manufact ure of fibre optic cables, 2732 : Manufacture of other electronic and electric wires and cables, 2733 : Manufacture of wiring devices, 2740 : Manuf acture of electric lighting equipment, 2750 : Manufacture of domestic appliances, 2790 : Manufacture of other electrical equipment, 2811 : Manuf acture of engines and turbines, except aircraft, vehicle and cycle engines, 2812 : Manufacture of fluid power equipment, 2813 : Manufacture of o ther pumps, compressors, taps and valves, 2814 : Manufacture of bearings, gears, gearing and driving elements, 2815 : Manufacture of ovens, f urnaces and furnace burners, 2816 : Manufacture of lifting and handling equipment, 2817 : Manufacture of office machinery and equipment (exc ept computers and peripheral equipment), 2818 : Manufacture of power-driven hand tools, 2819 : Manufacture of other general-purpose machin ery, 2821 : Manufacture of agricultural and forestry machinery, 2822 : Manufacture of metal-forming machinery and machine tools, 2823 : Manuf acture of machinery for metallurgy, 2824 : Manufacture of machinery for mining, quarrying and construction, 2825 : Manufacture of machinery f or food, beverage and tobacco processing, 2826 : Manufacture of machinery for textile, apparel and leather production, 2829 : Manufacture of ot her special-purpose machinery, 2910 : Manufacture of motor vehicles, 2920 : Manufacture of bodies (coachwork) for motor vehicles; manufactur e of trailers and semi-trailers, 2930 : Manufacture of parts and accessories for motor vehicles, 3011 : Building of ships and floating structures, 30 12 : Building of pleasure and sporting boats, 3020 : Manufacture of railway locomotives and rolling stock, 3030 : Manufacture of air and spacecra ft and related machinery, 3040 : Manufacture of military fighting vehicles, 3091 : Manufacture of motorcycles, 3092 : Manufacture of bicycles and invalid carriages, 3099 : Manufacture of other transport equipment n.e.c., 3100 : Manufacture of furniture, 3211 : Manufacture of jewellery and r elated articles, 3212 : Manufacture of imitation jewellery and related articles, 3220 : Manufacture of musical instruments, 3230 : Manufacture of sports goods, 3240 : Manufacture of games and toys, 3250 : Manufacture of medical and dental instruments and supplies, 3290 : Other manufact uring n.e.c., 3311 : Repair of fabricated metal products, 3312 : Repair of machinery, 3313 : Repair of electronic and optical equipment, 3314 : Repa ir of electrical equipment, 3315 : Repair of transport equipment, except motor vehicles, 3319 : Repair of other equipment, 3320 : Installation of in dustrial machinery and equipment, 3510 : Electric power generation, transmission and distribution, 3520 : Manufacture of gas; distribution of gas eous fuels through mains, 3530 : Steam and air conditioning supply, 3600 : Water collection, treatment and supply, 3700 : Sewerage, 3811 : Collec tion of non-hazardous waste, 3812 : Collection of hazardous waste, 3821 : Treatment and disposal of non-hazardous waste, 3822 : Treatment an d disposal of hazardous waste, 3830 : Materials recovery, 3900 : Remediation activities and other waste management services, 4100 : Constructi on of buildings, 4210 : Construction of roads and railways, 4220 : Construction of utility projects, 4290 : Construction of other civil engineering pro jects, 4311 : Demolition, 4312 : Site preparation, 4321 : Electrical installation, 4322 : Plumbing, heat and air-conditioning installation, 4329 : Other c onstruction installation, 4330 : Building completion and finishing, 4390 : Other specialized construction activities, 4510 : Sale of motor vehicles, 45 20 : Maintenance and repair of motor vehicles, 4530 : Sale of motor vehicle parts and accessories, 4540 : Sale, maintenance and repair of motorc ycles and related parts and accessories, 4610 : Wholesale on a fee or contract basis, 4620 : Wholesale of agricultural raw materials and live ani mals, 4630 : Wholesale of food, beverages and tobacco, 4641 : Wholesale of textiles, clothing and footwear, 4649 : Wholesale of other household goods, 4651 : Wholesale of computers, computer peripheral equipment and software, 4652 : Wholesale of electronic and telecommunications eq uipment and parts, 4653 : Wholesale of agricultural machinery, equipment and supplies, 4659 : Wholesale of other machinery and equipment, 46 61 : Wholesale of solid, liquid and gaseous fuels and related products, 4662 : Wholesale of metals and metal ores, 4663 : Wholesale of constructi on materials, hardware, plumbing and heating equipment and supplies, 4669 : Wholesale of waste and scrap and other products n.e.c., 4690 : No n-specialized wholesale trade, 4711 : Retail sale in non-specialized stores with food, beverages or tobacco predominating, 4719 : Other retail sal e in non-specialized stores, 4721 : Retail sale of food in specialized stores, 4722 : Retail sale of beverages in specialized stores, 4723 : Retail sale of tobacco products in specialized stores, 4730 : Retail sale of automotive fuel in specialized stores, 4741 : Retail sale of computers, peripheral u nits, software and telecommunications equipment in specialized stores, 4742 : Retail sale of audio and video equipment in specialized stores, 47 51 : Retail sale of textiles in specialized stores, 4752 : Retail sale of hardware, paints and glass in specialized stores, 4753 : Retail sale of carpets, rugs, wall and floor coverings in specialized stores, 4759 : Retail sale of electrical household appliances, furniture, lighting equipment and other household articles in specialized stores, 4761 : Retail sale of books, newspapers and stationary in specialized stores, 4762 : Retail sale of music a nd video recordings in specialized stores, 4763 : Retail sale of sporting equipment in specialized stores, 4764 : Retail sale of games and toys in sp ecialized stores, 4771 : Retail sale of clothing, footwear and leather articles in specialized stores, 4772 : Retail sale of pharmaceutical and medica l goods, cosmetic and toilet articles in specialized stores, 4773 : Other retail sale of new goods in specialized stores, 4774 : Retail sale of second- hand goods, 4781 : Retail sale via stalls and markets of food, beverages and tobacco products, 4782 : Retail sale via stalls and markets of textiles, clothing and footwear, 4789 : Retail sale via stalls and markets of other goods, 4791 : Retail sale via mail order houses or via Internet, 4799 : Othe r retail sale not in stores, stalls or markets, 4911 : Passenger rail transport, interurban, 4912 : Freight rail transport, 4921 : Urban and suburban p assenger land transport, 4922 : Other passenger land transport, 4923 : Freight transport by road, 4930 : Transport via pipeline, 5011 : Sea and co astal passenger water transport, 5012 : Sea and coastal freight water transport, 5021 : Inland passenger water transport, 5022 : Inland freight w ater transport, 5110 : Passenger air transport, 5120 : Freight air transport, 5210 : Warehousing and storage, 5221 : Service activities incidental to land transportation, 5222 : Service activities incidental to water transportation, 5223 : Service activities incidental to air transportation, 5224 : Car go handling, 5229 : Other transportation support activities, 5310 : Postal activities, 5320 : Courier activities, 5510 : Short term accommodation acti vities, 5520 : Camping grounds, recreational vehicle parks and trailer parks, 5590 : Other accommodation, 5610 : Restaurants and mobile food se rvice activities, 5621 : Event catering, 5629 : Other food service activities, 5630 : Beverage serving activities, 5811 : Book publishing, 5812 : Publish ing of directories and mailing lists, 5813 : Publishing of newspapers, journals and periodicals, 5819 : Other publishing activities, 5820 : Software p ublishing, 5911 : Motion picture, video and television programme production activities, 5912 : Motion picture, video and television programme po st-production activities, 5913 : Motion picture, video and television programme distribution activities, 5914 : Motion picture projection activities, 5 920 : Sound recording and music publishing activities, 6010 : Radio broadcasting, 6020 : Television programming and broadcasting activities, 611 0 : Wired telecommunications activities, 6120 : Wireless telecommunications activities, 6130 : Satellite telecommunications activities, 6190 : Other
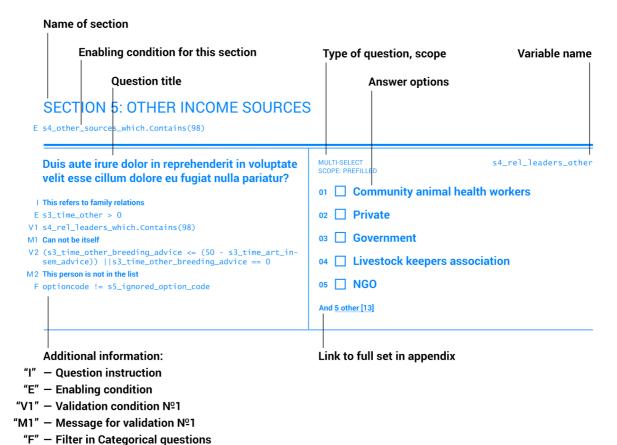
telecommunications activities, 6201: Computer programming activities, 6202: Computer consultancy and computer facilities management activities, 6209: Other information technology and computer service activities, 6311: Data processing, hosting and related activities, 6312: Web portals, 6391: News agency activities, 6399: Other information service activities n.e.c., 6411: Central banking, 6419: Other monetary intermediation, 6420: Activities of holding companies, 6430: Trusts, funds and similar financial entities, 6491: Financial leasing, 6492: Other credit granting, 6499: Other financial service activities, except insurance and pension funding activities, n.e.c., 6511: Life insurance, 6512: Non-life insurance, 6520: Reinsurance, 6530: Pension funding, 6611: Administration of financial markets, 6612: Security and commodity contracts brokerage, 6619: Other activities auxiliary to financial service activities, 6621: Risk and damage evaluation, 6622: Activities of insurance agents and brokers, 6629: Other activities auxiliary to insurance and pension funding, 6630: Fund management activities, 6810: Real estate activities with own or leased property, 6820: Real estate activities on a fee or contract basis, 6910: Legal activities, 6920: Accounting, bookkeeping and auditing activities; tax consultancy, 7010: Activities of head offices, 7020: Management consultancy activities, 7110: Architectural and engineering activities and related technical consultancy, 7120: Technical testing and analysis, 7210: Research and experimental development on natural sciences and engineering, 7220: Research and experimental development on social sciences and humanities, 7310: Advertising, 7320: Market research and public opinion polling, 7410: Specialized design activities, 7420: Photographic activities, 7490: Other professional, scientific and technical activities n.e.c., 7500: Veterinary activities, 7710: Renting and leasing of motor vehicles, 7721: Renting and leasing of recreational and sports goods, 7722: Renting of video tapes and disks, 7729: Renting and leasing of other personal and household goods, 7730: Renting and leasing of other machinery, equipment and tangible goods, 7740: Leasing of intellectual property and similar products, except copyrighted works, 7810: Activities of employment placement agencies, 7820: Temporary employment agency activities, 7830: Other human resources provision, 7911: Travel agency activities, 7912: Tour operator activities, 7990: Other reservation service and related activities, 8010: Private security activities, 8020: Security systems service activities, 8030: Investigation activities, 8110: Combined facilities support activities, 8121: General cleaning of buildings, 8129: Other building and industrial cleaning activities, 8130: Landscape care and maintenance service activities, 8211: Combined office administrative service activities, 8219: Photocopying, document preparation and other specialized office support activities, 8220: Activities of call centres, 8230: Organization of conventions and trade shows, 8291: Activities of collection agencies and credit bureaus, 8292: Packaging activities, 8299: Other business support service activities n.e.c., 8411: General public administration activities, 8412: Regulation of the activities of providing health care, education, cultural services and other social services, excluding social security, 8413: Regulation of and contribution to more efficient operation of businesses, 8421: Foreign affairs, 8422: Defence activities, 8423: Public order and safety activities, 8430: Compulsory social security activities, 8510: Pre-primary and primary education, 8521: General secondary education, 8522: Technical and vocational secondary education, 8530: Higher education, 8541: Sports and recreation education, 8542: Cultural education, 8549: Other education n.e.c., 8550: Educational support activities, 8610: Hospital activities, 8620: Medical and dental practice activities, 8690: Other human health activities, 8710: Residential nursing care facilities, 8720: Residential care activities for mental retardation, mental health and substance abuse, 8730: Residential care activities for the elderly and disabled, 8790: Other residential care activities, 8810: Social work activities without accommodation for the elderly and disabled, 8890: Other social work activities without accommodation, 9000: Creative, arts and entertainment activities, 9101: Library and archives activities, 9102: Museums activities and operation of historical sites and buildings, 9103: Botanical and zoological gardens and nature reserves activities, 9200: Gambling and betting activities, 9311: Operation of sports facilities, 9312: Activities of sports clubs, 9319: Other sports activities, 9321: Activities of amusement parks and theme parks, 9329: Other amusement and recreation activities n.e.c., 9411: Activities of business and employers membership organizations, 9412: Activities of professional membership organizations, 9420: Activities of trade unions, 9491: Activities of religious organizations, 9492: Activities of political organizations, 9499: Activities of other membership organizations n.e.c., 9511: Repair of computers and peripheral equipment, 9512: Repair of communication equipment, 9521: Repair of consumer electronics, 9522: Repair of household appliances and home and garden equipment, 9523: Repair of footwear and leather goods, 9524: Repair of furniture and home furnishings, 9529: Repair of other personal and household goods, 9601: Washing and (dry-) cleaning of textile and fur products, 9602: Hairdressing and other beauty treatment, 9603: Funeral and related activities, 9609: Other personal service activities n.e.c., 9700: Activities of households as employers of domestic personnel, 9810: Undifferentiated goods-producing activities of private households for own use, 9820: Undifferentiated service-producing activities of private households for own use, 9900: Activities of extraterritorial organizations and bodies, 9999: MISSING

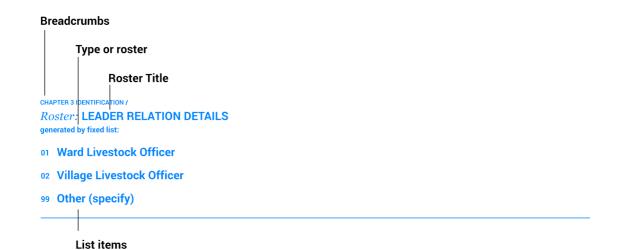[12] i13_hhld_goods: I13. Does your household have any of the following goods?
Categories: 1: Car, 2: Truck, 3: Van, 4: Motor bike, 5: Scooter, 6: Bicycle, 7: Canoe-paddle, 8: Canoe-outrigger, 9: Refrigerator, 10: Freezer, 11: Stove, 12: Washing machine, 13: Sewing machine, 14: Generator, 15: Solar panel/equipment, 16: Television, 17: Cell phone, 18: Landline phone, 19: Desktop computer, 20: Laptop, 21: Tablet

Legend and structure of information in this file

Name of section

Enabling condition for this section　　　　**Type of question, scope**　　　　**Variable name**

Question title　　　　**Answer options**

SECTION 5: OTHER INCOME SOURCES

E `s4_other_sources_which.Contains(98)`

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

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

MULTI-SELECT　　　　　　　　　　　`s4_rel_leaders_other`
SCOPE: PREFILLED

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