

Niue Agriculture Census 2021 - Household Form

SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION

COVER

No sub-sections, No rosters, Questions: 5, Static texts: 1.

SECTION 1: HOUSEHOLD COMPOSITION

No sub-sections, Rosters: 1, Questions: 23, Variables: 10.

SECTION 2: FOOD INSECURITY

No sub-sections, No rosters, Questions: 8, Static texts: 1.

SECTION 3: LEVEL OF AGRICULTURAL ACTIVITY OF THE HOUSEHOLD

No sub-sections, No rosters, Questions: 6, Static texts: 1.

SECTION 4: LIVESTOCK, POULTRY AND DOMESTIC ANIMALS

Sub-sections: 4, Rosters: 4, Questions: 36, Static texts: 1, Variables: 14.

SECTION 5: FISHERIES

No sub-sections, Rosters: 3, Questions: 18, Variables: 4.

SECTION 6: HUNTING

No sub-sections, Rosters: 1, Questions: 14, Variables: 1.

SECTION 7: LAND OPERATED EXCLUSIVELY BY THE HOUSEHOLD

No sub-sections, Rosters: 2, Questions: 45, Static texts: 2, Variables: 8.

SECTION 9: LABOUR INPUTS

No sub-sections, Rosters: 1, Questions: 9, Static texts: 1.

SECTION 10: HOUSEHOLD AGRICULTURAL SUPPORT

No sub-sections, Rosters: 1, Questions: 7.

SECTION 11: AGRICULTURAL EQUIPMENT

No sub-sections, Rosters: 2, Questions: 18, Variables: 4.

END PAGE

No sub-sections, No rosters, Questions: 3.

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

APPENDIX B — CATEGORIES

APPENDIX C — VARIABLES

LEGEND

SURVEY IDENTIFICATION INFORMATION

QUESTIONNAIRE DESCRIPTION

Basic information

Title Niue Agriculture Census 2021 - Household Form
Subtitle Niue Agriculture Census 2020
Version identifier V1 - Draft

Survey data information

Study type Agricultural Census
Kind of data Census/enumeration data [cen]
Mode of Data Collection CAPI

Survey information

Country Niue
Year 2020
Languages English, Niuean
Unit of analysis Household
Coverage Full
Primary Investigator Government of Niue
Consultants FAO - Rasmiyya Aliyeva, Vidyadhar Tripathi, Mosese Qaloewai
Funding Government of Niue, FAO

Additional info

Keywords Niue, Agriculture Census

COVER

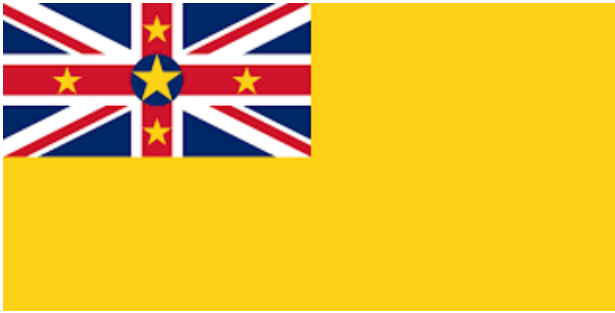
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STATIC TEXT

Niue Agriculture Census 2019

This Agricultural Census is conducted under the legal authority of the Niue Statistics Act of 2009, all information collected are confidential.

Warning: Divulging of any information collected from the census and mutilation or defacement of the schedule is prohibited according to section (12) and (13) of the Niue Statistics Act 2009



Village Name	SINGLE-SELECT VILLAGE 01 <input type="radio"/> Alofi South 02 <input type="radio"/> Alofi North 03 <input type="radio"/> Makefu 04 <input type="radio"/> Tuapa 05 <input type="radio"/> Namukulu 06 <input type="radio"/> Hikutavake 07 <input type="radio"/> Toi 08 <input type="radio"/> Mutalau 09 <input type="radio"/> Lakepa 10 <input type="radio"/> Liku 11 <input type="radio"/> Hakupu 12 <input type="radio"/> Vaiea 13 <input type="radio"/> Avatele 14 <input type="radio"/> Tamakautoga
Area Name	TEXT AREA
Household Number	NUMERIC: INTEGER HHNUM
Name of Head of Household	TEXT HEADNAME
Date and Time Interview Started I Tap box to record Interview Date and Time	DATE: CURRENT TIME INTSTART

SECTION 1: HOUSEHOLD COMPOSITION

sec1

E \$start

VARIABLE (Q3_1 == 1 Q3_5.ContainsAny(1,2,3,4,5) Q4_1.InList(1,2,3))? 1 : 0	LONG	AgriHH
VARIABLE Q5_1 == 1? 1 : 0	LONG	FishingHH
VARIABLE (Q6_1 == 1 Q6_5 == 1)? 1 : 0	LONG	HuntingHH
1.1 - Who are the usual members of this household? (as of the day of enumeration) Please enumerate starting with the Head of the Household. I The usual composition of households excludes temporary visitors but includes usual household members who may be absent W1 self.Length <= 15 M1 Household size may be too large!	LIST	Q1_1
VARIABLE HOUSEHOLD.Count(x=>x.Q1_3==1)	DOUBLE	malecount
VARIABLE HOUSEHOLD.Count(x=>x.Q1_3==2)	DOUBLE	femalecount
VARIABLE HOUSEHOLD.Count(x=>x.Q1_3==3)	DOUBLE	othercount

SECTION 1: HOUSEHOLD COMPOSITION Roster: HOUSEHOLD ROSTER generated by list question [q1_1](#)

HOUSEHOLD

1.2 - What is %rostartitle%'s Relationship to Head ? V1 //Check if there are more than 1 HH Head !(HOUSEHOLD.Count(x=>x.Q1_2 == 1) > 1) M1 A household cannot have more than 1 head! Please verify V2 //Check if the HH Head is listed in the 1st row// !(@row code == 1 && self != 1) M2 First member must be the head! V3 //Check if there are more than 1 spouse !(HOUSEHOLD.Count(x=>x.Q1_2 == 2) > 1) M3 More than 1 spouse found! Please verify V4 //Check if the gender of the spouse is different from the head (1st row) self == 2 ? !(HOUSEHOLD[1].Q1_3 == Q1_3) : true M4 Head and Spouse cannot have the same gender! Please verify	SINGLE-SELECT	Q1_2 01 <input type="radio"/> Head 02 <input type="radio"/> Spouse 03 <input type="radio"/> Son/Daughter 04 <input type="radio"/> Daughter-in-law / Son-in-law 05 <input type="radio"/> Grand Child 06 <input type="radio"/> Parent 07 <input type="radio"/> In-laws 08 <input type="radio"/> Niece/Nephew 09 <input type="radio"/> Uncle/ Aunt 10 <input type="radio"/> Other relative 11 <input type="radio"/> Not-related
1.3 - What is %rostartitle%'s sex ?	SINGLE-SELECT	Q1_3 01 <input type="radio"/> Male 02 <input type="radio"/> Female 03 <input type="radio"/> Other

<p>1.4 - What is %roster%’s date of birth?</p> <p>I DD/MM/YYYY enter 99 if day not known enter 99 if month not known enter 9999 if year not known</p> <p>V1 Int32.Parse(self.Split('/')[0]) == 99 ? true : Int32.Parse(self.Split('/')[0]).InRange(1,31)</p> <p>M1 Not a valid Date of Birth Day, Please verify</p> <p>V2 Int32.Parse(self.Split('/')[1]) == 99 ? true : Int32.Parse(self.Split('/')[1]).InRange(1,12)</p> <p>M2 Not a valid Date of Birth Month, Please verify</p> <p>V3 Int32.Parse(self.Split('/')[2]) == 9999 ? true : Int32.Parse(self.Split('/')[2]).InRange(1900,2021)</p> <p>M3 Not a valid Date of Birth Year, Please verify</p>	<p>TEXT</p> <p style="text-align: right;">Q1_4</p> <p>-----</p>
<p>VARIABLE</p> <p>Int32.Parse(Q1_4.Split('/')[0])</p>	<p>LONG</p> <p style="text-align: right;">Q1_4_Day</p>
<p>VARIABLE</p> <p>Int32.Parse(Q1_4.Split('/')[1])</p>	<p>LONG</p> <p style="text-align: right;">Q1_4_Month</p>
<p>VARIABLE</p> <p>Int32.Parse(Q1_4.Split('/')[2])</p>	<p>LONG</p> <p style="text-align: right;">Q1_4_Year</p>
<p>VARIABLE</p> <p>// If the date of birth is complete, check validity of the date (IsAnswered(Q1_4_Day) && IsAnswered(Q1_4_Month) && IsAnswered(Q1_4_Year)) ? (Q1_4_Year != 9999) ? (Q1_4_Month != 99) ?</p> <p>And 1977 other symbols [1]</p>	<p>STRING</p> <p style="text-align: right;">Q1_4_Age</p>
<p>1.5 - What is %roster%’s age</p> <p>I Full Years</p> <p>W1 (Q1_2 == 3) ? // Son/Daughter // Age difference between the head and son/daughter is greater than or equal to 15 (HOUSEHOLD[1].Q1_5 - Q1_5) >= 15 : true</p> <p>M1 Expect son/daughter to be more than 15 years younger than the household head - please verify</p> <p>W2 (Q1_2 == 5) ? // GrandSon/GrandDaughter, Age difference with head must be >= 30 (HOUSEHOLD[1].Q1_5 - Q1_5) >= 30 : true</p> <p>M2 Expect grandchild to be more than 30 years younger than the household head - please verify</p> <p>W3 (Q1_2 == 2) ? // Spouse, Age difference with Head must not be > 30 (HOUSEHOLD[1].Q1_5 - Q1_5) <= 30 : true</p> <p>M3 Age difference between %roster% as %Q1_2% and HH Head maybe too great. Please verify!</p> <p>W4 (Q1_2 == 6) ? // Parents, Age difference must be >= 15 (Q1_5 - HOUSEHOLD[1].Q1_5) >= 15 : true</p> <p>M4 Expect parent to be more than 15 years older than the household head - please verify</p> <p>W5 self != 999 ? self.InRange(0,99) : true</p> <p>M5 Reported age of %roster% may be too invalid or too large!</p> <p>V6 // If the date of birth is complete, check validity of the date (IsAnswered(Q1_4_Day) && IsAnswered(Q1_4_Month) && IsAnswered(Q1_4_Year)) ? (Q1_4_Year != 9999) ? (Q1_4_Month != 99) ? And 1902 other symbols [1]</p> <p>M6 Entered Age of is not consistent with DOB! Computed age is %Q1_4_Age%</p>	<p>NUMERIC: INTEGER</p> <p style="text-align: right;">Q1_5</p> <p>-----</p>
<p>1.6 - What is %roster%’s ethnicity?</p>	<p>SINGLE-SELECT</p> <p style="text-align: right;">Q1_6</p> <p>01 <input type="radio"/> Niuean</p> <p>02 <input type="radio"/> Part-Niuean</p> <p>03 <input type="radio"/> Non-Niuean</p>

<p>1.7 - What is %rostertitle%'s country of residence?</p>	<p>SINGLE-SELECT Q1_7</p> <p>01 <input type="radio"/> Niue</p> <p>02 <input type="radio"/> New Zealand</p> <p>03 <input type="radio"/> Australia</p> <p>04 <input type="radio"/> Samoa</p> <p>05 <input type="radio"/> Tonga</p> <p>06 <input type="radio"/> Tuvalu</p> <p>07 <input type="radio"/> Fiji</p> <p>08 <input type="radio"/> Other pacific countries (please specify)</p> <p>09 <input type="radio"/> Other countries (please specify)</p>
<p>1.7 - Specify Other country of residence</p> <p>E Q1_7.InList(8,9)</p>	<p>TEXT Q1_7_OTHER</p> <p>.....</p>
<p>1.8 - What was %rostertitle%'s country of residence 1 year ago?</p>	<p>SINGLE-SELECT Q1_8</p> <p>01 <input type="radio"/> Niue</p> <p>02 <input type="radio"/> New Zealand</p> <p>03 <input type="radio"/> Australia</p> <p>04 <input type="radio"/> Samoa</p> <p>05 <input type="radio"/> Tonga</p> <p>06 <input type="radio"/> Tuvalu</p> <p>07 <input type="radio"/> Fiji</p> <p>08 <input type="radio"/> Other pacific countries (please specify)</p> <p>09 <input type="radio"/> Other countries (please specify)</p>
<p>1.8 - Specify Other country of residence</p> <p>E Q1_8.InList(8,9)</p>	<p>TEXT Q1_8_OTHER</p> <p>.....</p>
<p>1.9 - What level of education has %rostertitle%'s completed.</p> <p>W1 //if primary Age >= 10 self == 3 ? Q1_5 >= 10 : true</p> <p>M1 %rostertitle% may be too young to have completed primary education!</p> <p>W2 //if secondary Age >= 15 self == 4 ? Q1_5 >= 15 : true</p> <p>M2 %rostertitle% may be too young to have completed secondary education!</p> <p>W3 //if vocational Age >= 15 self == 7 ? Q1_5 >= 15 : true</p> <p>M3 %rostertitle% may be too young to have vocational education!</p> <p>W4 //if tertiary Age >= 18 self.InList(5,6) ? Q1_5 >= 18 : true</p> <p>M4 %rostertitle% may be too young to have completed tertiary education!</p> <p>W5 //if ECE Age >= 2 self == 2 ? Q1_5 >= 2 : true</p> <p>M5 %rostertitle% may be too young to have completed early childhood education!</p>	<p>SINGLE-SELECT Q1_9</p> <p>01 <input type="radio"/> None</p> <p>02 <input type="radio"/> ECE</p> <p>03 <input type="radio"/> Primary</p> <p>04 <input type="radio"/> Secondary</p> <p>05 <input type="radio"/> Tertiary (Agriculture Qualification)</p> <p>06 <input type="radio"/> Tertiary (Other Qualification)</p> <p>07 <input type="radio"/> Vocational training</p>
<p>1.10 - What is %rostertitle%'s Marital Status</p> <p>E Q1_5 > 14</p>	<p>SINGLE-SELECT Q1_10</p> <p>01 <input type="radio"/> Never Married</p> <p>02 <input type="radio"/> Married</p> <p>03 <input type="radio"/> Defacto</p> <p>04 <input type="radio"/> Widowed</p> <p>05 <input type="radio"/> Separated/ Divorced</p>

<p>1.11 - What is %rostertitle%'s main activity last week?</p> <p>E Q1_5 > 14</p>	<p>SINGLE-SELECT Q1_11</p> <p>01 <input type="radio"/> Employed in Govt/ Public Sector</p> <p>02 <input type="radio"/> Employed by Private Sector</p> <p>03 <input type="radio"/> Producing goods/services for Sale (Self Employed)</p> <p>04 <input type="radio"/> Producing goods/services for family consumption</p> <p>05 <input type="radio"/> Voluntary / Community Work</p> <p>06 <input type="radio"/> Domestic Duties</p> <p>07 <input type="radio"/> Student</p> <p>08 <input type="radio"/> Retired / Too Old</p> <p>09 <input type="radio"/> Unemployed</p>
<p>1.12 - Extent of %rostertitle%'s Engagement in Main Activity</p> <p>E Q1_11 <= 7</p>	<p>SINGLE-SELECT Q1_12</p> <p>01 <input type="radio"/> Full time</p> <p>02 <input type="radio"/> Part time</p> <p>03 <input type="radio"/> None</p>
<p>1.13 - What is %rostertitle%'s involvement in the holding operation?</p> <p>E Q1_5 > 4</p>	<p>SINGLE-SELECT Q1_13</p> <p>01 <input type="radio"/> Manage and work</p> <p>02 <input type="radio"/> Work</p> <p>03 <input type="radio"/> No Involvement</p>
<p>1.14 - What was the average hour/week spent working on Holding?</p> <p>E Q1_13.InList(1,2)</p> <p>W1 self < 80</p> <p>M1 Number of hours spent maybe too large, please verify</p>	<p>NUMERIC: INTEGER Q1_14</p> <p>-----</p>
<p>1.15a - Does the household have any of the following Vehicles?</p> <p>V1 self.ContainsOnly(99) (self.ContainsAny(1,2,3,4,5,6) && !self.Contains(99))</p> <p>M1 Cannot select 'none of these' with other options</p>	<p>MULTI-SELECT Q1_15a</p> <p>01 <input type="checkbox"/> Car</p> <p>02 <input type="checkbox"/> Motor Bike</p> <p>03 <input type="checkbox"/> Bicycle</p> <p>04 <input type="checkbox"/> Truck</p> <p>05 <input type="checkbox"/> Light Truck</p> <p>06 <input type="checkbox"/> Van</p> <p>99 <input type="checkbox"/> None of these</p>
<p>15b - How many Cars does your household own?</p> <p>E Q1_15a.Contains(1)</p> <p>V1 self > 0</p> <p>M1 Must be greater than 0</p>	<p>NUMERIC: INTEGER Q15b</p> <p>-----</p>
<p>15c - How many Motor Bikes does your household own?</p> <p>E Q1_15a.Contains(2)</p> <p>V1 self > 0</p> <p>M1 Must be greater than 0</p>	<p>NUMERIC: INTEGER Q15c</p> <p>-----</p>
<p>15d - How many Bicycles does your household own?</p> <p>E Q1_15a.Contains(3)</p> <p>V1 self > 0</p> <p>M1 Must be greater than 0</p>	<p>NUMERIC: INTEGER Q15d</p> <p>-----</p>

<p>15e - How many Trucks does your household own?</p> <p>E Q1_15a.Contains(4) V1 self > 0 M1 Must be greater than 0</p>	<p>NUMERIC: INTEGER Q15e</p> <p>-----</p>
<p>15f - How many Light Trucks does your household own?</p> <p>E Q1_15a.Contains(5) V1 self > 0 M1 Must be greater than 0</p>	<p>NUMERIC: INTEGER Q15f</p> <p>-----</p>
<p>15g - How many Vans does your household own?</p> <p>E Q1_15a.Contains(6) V1 self > 0 M1 Must be greater than 0</p>	<p>NUMERIC: INTEGER Q15g</p> <p>-----</p>

SECTION 2: FOOD INSECURITY

sec2

E \$start

STATIC TEXT

During last 12 months, was there any time, when because of lack of money or other resources...

2.1 - There were concerns that you or any adult in the household would not have enough food to eat?	SINGLE-SELECT Q2_1 01 <input type="radio"/> Yes 02 <input type="radio"/> No 03 <input type="radio"/> (Don't Know)
2.2 - You or any other adult in your household were unable to eat /healthy and nutritious/good/ food?	SINGLE-SELECT Q2_2 01 <input type="radio"/> Yes 02 <input type="radio"/> No 03 <input type="radio"/> Don't Know
2.3 - You or any other adult in your household ate only a few kinds of foods?	SINGLE-SELECT Q2_3 01 <input type="radio"/> Yes 02 <input type="radio"/> No 03 <input type="radio"/> Don't Know
2.4 - You or any other adult in your household had to skip a meal?	SINGLE-SELECT Q2_4 01 <input type="radio"/> Yes 02 <input type="radio"/> No 03 <input type="radio"/> Don't Know
2.5 - You or any other adult in your household ate less than you thought you should?	SINGLE-SELECT Q2_5 01 <input type="radio"/> Yes 02 <input type="radio"/> No 03 <input type="radio"/> Don't Know
2.6 - Your household ran out of food?	SINGLE-SELECT Q2_6 01 <input type="radio"/> Yes 02 <input type="radio"/> No 03 <input type="radio"/> Don't Know
2.7 - You or any other adult in your household were hungry but did not eat?	SINGLE-SELECT Q2_7 01 <input type="radio"/> Yes 02 <input type="radio"/> No 03 <input type="radio"/> Don't Know
2.8 - You or any other adult in your household went without eating for a whole day?	SINGLE-SELECT Q2_8 01 <input type="radio"/> Yes 02 <input type="radio"/> No 03 <input type="radio"/> Don't Know

SECTION 3: LEVEL OF AGRICULTURAL ACTIVITY OF THE HOUSEHOLD

sec3

E \$start

STATIC TEXT

During last 12 months from the date of enumeration

<p>3.1 - Did your Household operate any agricultural crops, Tree/Plantation crops during last 12 months?</p>	<p>SINGLE-SELECT Q3_1 01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>3.2 - How much land (Acres) does your Household have under agricultural crops?</p> <p>E Q3_1 == 1 W1 self < 20 M1 Land maybe too large for agricultural crops - please verify</p>	<p>NUMERIC: DECIMAL Q3_2 -----</p>
<p>3.3 - Did your household sell any vegetables, fruits, or other agricultural produce?</p> <p>E Q3_1 == 1</p>	<p>SINGLE-SELECT Q3_3 01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>3.4 - What do you consider as the purpose of your crop production?</p> <p>E Q3_1 == 1 V1 (Q3_3 == 1) ? self.InRange(2,4) : true M1 Household sold vegetables in Q3.3 - please verify response V2 (Q3_3 == 2) ? self.InList(1,5) : true M2 Household not selling vegetables in Q3.3 - please verify response</p>	<p>SINGLE-SELECT Q3_4 01 <input type="radio"/> Only for Home Consumption 02 <input type="radio"/> Mainly for Home Consumption and some sale 03 <input type="radio"/> Mainly for sale and some Home Consumption 04 <input type="radio"/> Only for sale 05 <input type="radio"/> Other (specify)</p>
<p>3.4 - Specify</p> <p>E Q3_4 == 5</p>	<p>TEXT Q3_4_OTHER -----</p>
<p>3.5 - Was the household engaged in any of the following agricultural activities during last 12 months?</p> <p>V1 self.ContainsOnly(99) (self.ContainsAny(1,2,3,4,5) && !self.Contains(99)) M1 Cannot select 'none of the above' with other options</p>	<p>MULTI-SELECT Q3_5 01 <input type="checkbox"/> Manage flower nurseries 02 <input type="checkbox"/> Marketing of flowers/pot plants 03 <input type="checkbox"/> Planting of flowers 04 <input type="checkbox"/> Growing pandanus trees 05 <input type="checkbox"/> Harvesting of pandanus leaves 99 <input type="checkbox"/> None of the above</p>

SECTION 4: LIVESTOCK, POULTRY AND DOMESTIC ANIMALS

sec4

E \$start

<p>4.1 - Has your Household raised any Pigs or Poultry in the past 12 months?</p>	<p>SINGLE-SELECT Q4_1</p> <p>01 <input type="radio"/> Yes, Pigs</p> <p>02 <input type="radio"/> Yes, Poultry</p> <p>03 <input type="radio"/> Yes, Pigs and Poultry</p> <p>04 <input type="radio"/> Neither Pigs or Poultry</p>
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SECTION 4: LIVESTOCK, POULTRY AND DOMESTIC ANIMALS PIGS

E Q4_1.InList(1,3)

<p>4.2 - Which types of pigs were raised by your household?</p>	<p>MULTI-SELECT Q4_2</p> <p>01 <input type="checkbox"/> Boars</p> <p>02 <input type="checkbox"/> Sows</p> <p>04 <input type="checkbox"/> Piglets</p> <p>03 <input type="checkbox"/> Other pigs (specify)</p>
---	---

E Q4_1.InList(1,3)

<p>4.2 - Specify</p>	<p>TEXT Q4_2_OTHER</p> <p>.....</p>
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E Q4_2.Contains(3)

SECTION 4: LIVESTOCK, POULTRY AND DOMESTIC ANIMALS / PIGS Roster: TYPE OF PIGS

generated by multi-select question [Q4_2](#)

Pig

<p>VARIABLE</p> <p>@rowcode == 3 ? " " + Q4_2_OTHER : " "</p>	<p>STRING OtherPig</p>
---	---

<p>4.3a - How many %rostertitle%%OtherPig% are being kept (as of day of visit)?</p> <p>V1 self > 0</p> <p>M1 Number of pigs cannot be less than or equal to 0</p>	<p>NUMERIC: INTEGER Q4_3a</p> <p>-----</p>
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<p>4.3b - Specify the number of %rostertitle%%OtherPig% slaughtered and sold</p> <p>I In the last 12 months</p> <p>V1 self <= Q4_3a * 10</p> <p>M1 May be too many, given number of %rostertitle%%OtherPig% is %Q4_3a%</p>	<p>NUMERIC: INTEGER Q4_3b</p> <p>-----</p>
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<p>4.3c - Specify the number of %rostertitle%%OtherPig% slaughtered and consumed</p> <p>I In the last 12 months</p> <p>V1 self <= Q4_3a * 10</p> <p>M1 May be too many, given number of %rostertitle%%OtherPig% is %Q4_3a%</p>	<p>NUMERIC: INTEGER Q4_3c</p> <p>-----</p>
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<p>4.3d - Specify the number of %rosteritle%%OtherPig% slaughtered and used for customary purposes.</p> <p>I In the last 12 months V1 self <= Q4_3a * 10 M1 May be too many, given number of %rosteritle%%OtherPig% is %Q4_3a%</p>	<p>NUMERIC: INTEGER Q4_3d</p> <p>-----</p>
<p>4.3e - Specify the number of %rosteritle%%OtherPig% sold alive.</p> <p>I In the last 12 months V1 self <= Q4_3a * 10 M1 May be too many, given number of %rosteritle%%OtherPig% is %Q4_3a%</p>	<p>NUMERIC: INTEGER Q4_3e</p> <p>-----</p>
<p>4.3f - Specify the number of %rosteritle%%OtherPig% gifted alive.</p> <p>I In the last 12 months V1 self <= Q4_3a * 10 M1 May be too many, given number of %rosteritle%%OtherPig% is %Q4_3a%</p>	<p>NUMERIC: INTEGER Q4_3f</p> <p>-----</p>
<p>VARIABLE Pig.Sum(x=>x.Q4_3a)</p>	<p>LONG Q4_3a_TOTAL</p>
<p>VARIABLE Pig.Sum(x=>x.Q4_3b)</p>	<p>LONG Q4_3b_TOTAL</p>
<p>VARIABLE Pig.Sum(x=>x.Q4_3c)</p>	<p>LONG Q4_3c_TOTAL</p>
<p>VARIABLE Pig.Sum(x=>x.Q4_3d)</p>	<p>LONG Q4_3d_TOTAL</p>
<p>VARIABLE Pig.Sum(x=>x.Q4_3e)</p>	<p>LONG Q4_3e_TOTAL</p>
<p>VARIABLE Pig.Sum(x=>x.Q4_3f)</p>	<p>LONG Q4_3f_TOTAL</p>
<p>4.4 - How many Pignens does your household currently have?</p> <p>W1 self <= 15 M1 Number of pignens maybe too many - please verify response W2 self < Q4_3a_TOTAL M2 The number of pignens is greater then the number of pigs - please verify response</p>	<p>NUMERIC: INTEGER Q4_4</p> <p>-----</p>
<p>4.5 - Type of Feed for Pigs in the last 12 months?</p>	<p>MULTI-SELECT Q4_5</p> <p>01 <input type="checkbox"/> Imported feeds 02 <input type="checkbox"/> Coconuts 03 <input type="checkbox"/> Household Food waste 05 <input type="checkbox"/> Leaves 04 <input type="checkbox"/> Others (Specify)</p>
<p>4.5 - Specify</p> <p>E Q4_5.Contains(4)</p>	<p>TEXT Q4_5_OTHER</p> <p>-----</p>

SECTION 4: LIVESTOCK, POULTRY AND DOMESTIC ANIMALS
POULTRY

E Q4_1.InList(2,3)

4.6 - How have poultry been kept by your household?	MULTI-SELECT Q4_6 01 <input type="checkbox"/> Housed: Imported 02 <input type="checkbox"/> Housed: Local 03 <input type="checkbox"/> Free range 04 <input type="checkbox"/> Others (Specify)
4.6 - Specify E Q4_6.Contains(4)	TEXT Q4_6_OTHER

SECTION 4: LIVESTOCK, POULTRY AND DOMESTIC ANIMALS / POULTRY
Roster: TYPE OF POULTRY
 generated by multi-select question [Q4_6](#)

Poultry

VARIABLE @rowcode == 4 ? " " + Q4_6_OTHER : " "	STRING otherPoultry
--	--

4.7a - How many %rosteritle%%OtherPoultry% are being kept (as of day of visit)? V1 self > 0 M1 Number of pigs cannot be less than or equal to 0	NUMERIC: INTEGER Q4_7a -----
---	--

4.7b - Specify the number of %rosteritle%%OtherPoultry% slaughtered and sold I In the last 12 months V1 self <= Q4_7a * 10 M1 May be too many, given number of %rosteritle%%OtherPoultry% is % Q4_7a%	NUMERIC: INTEGER Q4_7b -----
--	--

4.7c - Specify the number of %rosteritle%%OtherPoultry% slaughtered and consumed I In the last 12 months V1 self <= Q4_7a * 10 M1 May be too many, given number of %rosteritle%%OtherPoultry% is % Q4_7a%	NUMERIC: INTEGER Q4_7c -----
--	--

4.7d - Specify the number of %rosteritle%%OtherPoultry% slaughtered and used for customary purposes. I In the last 12 months V1 self <= Q4_7a * 10 M1 May be too many, given number of %rosteritle%%OtherPoultry% is % Q4_7a%	NUMERIC: INTEGER Q4_7d -----
--	--

4.7e - Specify the number of %rosteritle%%OtherPoultry% sold alive. I In the last 12 months V1 self <= Q4_7a * 10 M1 May be too many, given number of %rosteritle%%OtherPoultry% is % Q4_7a%	NUMERIC: INTEGER Q4_7e -----
---	--

4.7f - Specify the number of %rosteritle%%OtherPoultry% gifted alive. I In the last 12 months V1 self <= Q4_7a * 10 M1 May be too many, given number of %rosteritle%%OtherPoultry% is % Q4_7a%	NUMERIC: INTEGER Q4_7f -----
---	--

VARIABLE Poultry.Sum(x=>x.Q4_7a)	LONG	Q4_7a_TOTAL
VARIABLE Poultry.Sum(x=>x.Q4_7b)	LONG	Q4_7b_TOTAL
VARIABLE Poultry.Sum(x=>x.Q4_7c)	LONG	Q4_7c_TOTAL
VARIABLE Poultry.Sum(x=>x.Q4_7d)	LONG	Q4_7d_TOTAL
VARIABLE Poultry.Sum(x=>x.Q4_7e)	LONG	Q4_7e_TOTAL
VARIABLE Poultry.Sum(x=>x.Q4_7f)	LONG	Q4_7f_TOTAL

STATIC TEXT

4.7 - How many chickens are kept for the purpose of egg laying and meat production?

4.7i - Egg laying

V1 self <= Q4_7a_TOTAL
M1 Must be equal or less than total number of poultry

NUMERIC: INTEGER Q4_7i

SPECIAL VALUES
00 None

4.7ii - Meat production

V1 self <= Q4_7a_TOTAL
M1 Must be equal or less than total number of poultry

NUMERIC: INTEGER Q4_7ii

SPECIAL VALUES
00 None

4.8 - How many Poultry houses does your household currently have?

W1 self <= 15
M1 Number of poultry houses maybe too many - please verify
W2 self < Q4_7a_TOTAL
M2 The number of poultry houses is greater then the number of poultry - please verify

NUMERIC: INTEGER Q4_8

4.9 - Type of Feed for Poultry in the last 12 months?

MULTI-SELECT Q4_9
01 Imported feeds
02 Coconuts
03 Household Food waste
04 Other specify

4.9 - Specify

E Q4_9.Contains(4)

TEXT Q4_9_OTHER

4.10 - Does the Household have any domestic Animals?

I as on the day of enumeration

SINGLE-SELECT Q4_10
01 Yes, Cats
02 Yes, Dogs
03 Yes, Cats and Dogs
04 No

**SECTION 4: LIVESTOCK, POULTRY AND DOMESTIC ANIMALS
DOMESTIC ANIMALS**

E Q4_10.InList(1,2,3)

SECTION 4: LIVESTOCK, POULTRY AND DOMESTIC ANIMALS / DOMESTIC ANIMALS

Roster: DOMESTIC ANIMALS

generated by fixed list

Domestic

01 Cats

02 Dogs

E (@rowcode == 1 && Q4_10.InList(1,3)) || (@rowcode == 2 && Q4_10.InList(2,3))

4.10a - Male %rostartitle%	NUMERIC: INTEGER Q4_10a -----
4.10b - Female %rostartitle%	NUMERIC: INTEGER Q4_10b -----
4.10i - Is your household affected with the menace (or due to the problem) of stray animals?	SINGLE-SELECT Q4_10i 01 <input type="radio"/> YES - Cats 02 <input type="radio"/> YES - Dogs 03 <input type="radio"/> YES - Both 04 <input type="radio"/> No - neither cats or dogs
4.11 - Is your household aware of the following services available at DAFF? V1 self.ContainsOnly(99) (self.ContainsAny(1,2,3,4,5) && !self.Contains(99)) M1 Cannot select 'none of these' with other answers	MULTI-SELECT Q4_11 01 <input type="checkbox"/> Vaccination 02 <input type="checkbox"/> Castration 03 <input type="checkbox"/> Euthanizing 04 <input type="checkbox"/> External parasite spraying 05 <input type="checkbox"/> General Healthcare 99 <input type="checkbox"/> None of these
4.12 - Does the HH use any of the general animal health services in the past 12 months for pigs, poultry, cats or dogs E Q4_1.InList(1,2,3) Q4_10.InList(1,2,3)	SINGLE-SELECT Q4_12 01 <input type="radio"/> Yes 02 <input type="radio"/> No

SECTION 4: LIVESTOCK, POULTRY AND DOMESTIC ANIMALS

ANIMAL HEALTH SERVICES

E Q4_12 == 1

4.12a - Type of Service Received F @optioncode.InList(1,5) (@optioncode.InList(2,3,4) && (Q4_1.InList(1,3)) Q4_10.InList(1,2,3)) E Q4_12 == 1	MULTI-SELECT Q4_12a 01 <input type="checkbox"/> Vaccination 02 <input type="checkbox"/> Castration 03 <input type="checkbox"/> Euthanizing 04 <input type="checkbox"/> External parasite spraying 05 <input type="checkbox"/> General Healthcare
---	--

SECTION 4: LIVESTOCK, POULTRY AND DOMESTIC ANIMALS / ANIMAL HEALTH SERVICES

Roster: ANIMAL HEALTH SERVICES

generated by multi-select question [Q4_12a](#)

AnimalServices

<p>4.13a - Main %rostartitle% service provider for Pigs</p> <p>E Q4_1.InList(1,3)</p>	<p>SINGLE-SELECT Q4_13a</p> <p>01 <input type="radio"/> DAFF</p> <p>02 <input type="radio"/> Rockvets</p> <p>03 <input type="radio"/> Other</p> <p>04 <input type="radio"/> Not used for this animal</p>
<p>4.13b - Main %rostartitle% service provider for Poultry</p> <p>E Q4_1.InList(2,3) && !@rowcode.InList(2,3,4)</p>	<p>SINGLE-SELECT Q4_13b</p> <p>01 <input type="radio"/> DAFF</p> <p>02 <input type="radio"/> Rockvets</p> <p>03 <input type="radio"/> Other</p> <p>04 <input type="radio"/> Not used for this animal</p>
<p>4.13c - Main %rostartitle% service provider for Cats</p> <p>E Q4_10.InList(1,3)</p>	<p>SINGLE-SELECT Q4_13c</p> <p>01 <input type="radio"/> DAFF</p> <p>02 <input type="radio"/> Rockvets</p> <p>03 <input type="radio"/> Other</p> <p>04 <input type="radio"/> Not used for this animal</p>
<p>4.13d - Main %rostartitle% service provider for Dogs</p> <p>E Q4_10.InList(2,3)</p>	<p>SINGLE-SELECT Q4_13d</p> <p>01 <input type="radio"/> DAFF</p> <p>02 <input type="radio"/> Rockvets</p> <p>03 <input type="radio"/> Other</p> <p>04 <input type="radio"/> Not used for this animal</p>

SECTION 5: FISHERIES

E \$start

<p>5.1 - Did any member of the household engage in fishing any time during last 12 months?</p>	<p>SINGLE-SELECT Q5_1 01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>5.5a - How many male members of your household were normally engaged in fishing during last 12 months?</p> <p>E Q5_1 == 1 && malecount > 0 V1 malecount >= self M1 The number of males entered [%self%] is bigger than the total number of males present in the household [%malecount%] - verify answers</p>	<p>NUMERIC: INTEGER Q5_5a ----- SPECIAL VALUES 00 None</p>
<p>5.5b - How many female members of your household were normally engaged in fishing during last 12 months?</p> <p>E Q5_1 == 1 && femalecount > 0 V1 femalecount >= self M1 The number of females entered [%self%] is bigger than the total number of females present in the household [%femalecount%] - verify answers</p>	<p>NUMERIC: INTEGER Q5_5b ----- SPECIAL VALUES 00 None</p>
<p>5.5c - How many other members of your household were normally engaged in fishing during last 12 months?</p> <p>E Q5_1 == 1 && othercount > 0 V1 othercount >= self M1 The number of others entered [%self%] is bigger than the total number of females present in the household [%othercount%] - verify answers V2 Q5_5a + Q5_5b + self > 0 M2 Must be one or more household members engaged in fishing</p>	<p>NUMERIC: INTEGER Q5_5c ----- SPECIAL VALUES 00 None</p>
<p>5.2 - What type of Fishing did the Household engage in?</p> <p>E Q5_1 == 1</p>	<p>SINGLE-SELECT Q5_2 01 <input type="radio"/> Inshore Fishing 02 <input type="radio"/> Offshore Fishing 03 <input type="radio"/> Both</p>
<p>5.3a - What methods did your household use for fishing?</p> <p>E Q5_1 == 1</p>	<p>MULTI-SELECT Q5_3a 01 <input type="checkbox"/> Fishing net 02 <input type="checkbox"/> Hook and Line 03 <input type="checkbox"/> Spears 04 <input type="checkbox"/> Trolling 05 <input type="checkbox"/> Bottom Fishing 06 <input type="checkbox"/> Reef Gleaning 07 <input type="checkbox"/> Other, specify</p>
<p>5.3a - Specify</p> <p>E Q5_3a.Contains(7)</p>	<p>TEXT Q5_3a_OTHER </p>

SECTION 5: FISHERIES

Roster: FISHING METHOD- %ROSTERTITLE%%OTHERFISHMETH%
 generated by multi-select question Q5_3a

FishingMethods

VARIABLE @rowcode == 7 ? " - " + Q5_3a_OTHER : " "	STRING OtherFishMeth
5.3b - At what time does your household usually go for fishing by %rostertitle% OtherFishMeth%?	SINGLE-SELECT Q5_3b 01 <input type="radio"/> Day 02 <input type="radio"/> Night 03 <input type="radio"/> Both

SECTION 5: FISHERIES

Roster: DETAILS OF FISHING TRIPS

generated by fixed list

FishingTrips

01 May 2021

02 June 2021

03 July 2021

E Q5_1 == 1

5.4a - Number of fishing trips made during %rostertitle% W1 self <= 31 M1 The number of trips may be too big, please verify response	NUMERIC: INTEGER Q5_4a ----- SPECIAL VALUES 00 Did not fish this month
--	--

5.4b - Quantity of the fish captured (Kgs) during %rostertitle% E Q5_4a > 0	NUMERIC: DECIMAL Q5_4b -----
--	------------------------------------

5.4c - What was the main purpose of fishing during %rostertitle% E Q5_4a > 0	SINGLE-SELECT Q5_4c 01 <input type="radio"/> Only for home consumption 02 <input type="radio"/> Mainly for home consumption and some sale 03 <input type="radio"/> Mainly for sale and some home consumption 04 <input type="radio"/> Only for sale 05 <input type="radio"/> Other (Specify)
---	--

5.4c - Specify E Q5_4c == 5	TEXT Q5_4c_OTHER -----
--------------------------------	------------------------------

5.4d - What was the proportion sold during %rostertitle%? E Q5_4c > 1 V1 Q5_4c.InList(2,3,4)? self.InList(1,2,3,4) : true M1 Household sold some fish in Q5.4c - please verify response	SINGLE-SELECT Q5_4d 00 <input type="radio"/> None 01 <input type="radio"/> About 1/4 02 <input type="radio"/> About 1/2 03 <input type="radio"/> About 3/4 04 <input type="radio"/> All
--	---

VARIABLE FishingTrips.Sum(x=>x.Q5_4a)	LONG Q5_4a_TOTAL
--	---------------------

VARIABLE FishingTrips.Sum(x=>x.Q5_4b)	DOUBLE Q5_4b_TOTAL
--	-----------------------

<p>5.6a - Does your household own any of the equipment/accessory for fishing? Did they hire or borrow any in the last 12 months?</p> <p>E Q5_1 == 1</p>	<p>MULTI-SELECT Q5_6a</p> <p>01 <input type="checkbox"/> Canoes</p> <p>02 <input type="checkbox"/> Aluminium dinghy / Boat</p> <p>03 <input type="checkbox"/> Inflatable dinghy</p> <p>04 <input type="checkbox"/> Outboard motors</p> <p>05 <input type="checkbox"/> Boat (Charters)</p> <p>06 <input type="checkbox"/> Kayak</p> <p>07 <input type="checkbox"/> Fishing rods</p> <p>11 <input type="checkbox"/> Traditional Fishing rods</p> <p>08 <input type="checkbox"/> Life jackets</p> <p>09 <input type="checkbox"/> Spear Gun</p> <p>10 <input type="checkbox"/> Other Specify</p>
<p>5.6a - Specify</p> <p>E Q5_6a.Contains(10)</p>	<p>TEXT Q5_6a_OTHER</p> <p>.....</p>

SECTION 5: FISHERIES

Roster: FISHERIES EQUIPMENT - %ROSTERTITLE%%OTHERFISHEQUIP%

generated by multi-select question Q5_6a

FishingEquip

VARIABLE	STRING
<p>@rowcode == 10 ? " - " + Q5_6a_OTHER : " "</p> <p>5.6b - What was the number of %rostertitle%%OtherFishEquip% owned by the household (as of day of visit and in working condition)</p> <p>I In working condition</p> <p>V1 self > 0</p> <p>M1 Must be greater than 0</p>	<p>OtherFishEquip</p> <p>NUMERIC: INTEGER Q5_6b</p> <p>-----</p>
<p>5_6c - is %rostertitle%%OtherFishEquip% Hired?</p>	<p>SINGLE-SELECT Q5_6c</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>5_6d - is %rostertitle%%OtherFishEquip% Borrowed?</p>	<p>SINGLE-SELECT Q5_6d</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>

SECTION 6: HUNTING

E \$start

<p>6.1 - Did any member of this household engage in UGA hunting during last 6 months?</p>	<p>SINGLE-SELECT Q6_1 01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>6.4a - How many males in this household were normally engaged in Uga hunting?</p>	<p>NUMERIC: INTEGER Q6_4a -----</p>
<p>E Q6_1 == 1 V1 malecount >= self M1 The number of males entered [%self%] is bigger than the total number of males present in the household [%malecount%], please recheck answers.</p>	
<p>6.4b - How many females in this household were normally engaged in Uga hunting?</p>	<p>NUMERIC: INTEGER Q6_4b -----</p>
<p>E Q6_1 == 1 V1 femalecount >= self M1 The number of females entered [%self%] is bigger than the total number of females present in the household [%femalecount%], please recheck answers.</p>	
<p>6.4c - How many others in this household were normally engaged in Uga hunting?</p>	<p>NUMERIC: INTEGER Q6_4c -----</p>
<p>E Q6_1 == 1 V1 othercount >= self M1 The number of females entered [%self%] is bigger than the total number of females present in the household [%othercount%], please recheck answers. V2 (Q6_4a + Q6_4b + self) > 0 M2 Must be at least one household member engaged in Uga hunting?</p>	
<p>6.2 - What methods did your household use for catching UGA</p>	<p>MULTI-SELECT Q6_2 01 <input type="checkbox"/> Setting Hunting Trails 02 <input type="checkbox"/> As you drive on the Road 03 <input type="checkbox"/> On the cliffs 04 <input type="checkbox"/> Other (Specify)</p>
<p>E Q6_1 == 1</p>	
<p>6.2 - Specify</p>	<p>TEXT Q6_2_OTHER </p>
<p>E Q6_2.Contains(4)</p>	

SECTION 6: HUNTING
Roster: DETAILS OF UGA HUNTING
 generated by fixed list

Uga

- 01 Feb 21
- 02 Mar 21
- 03 Apr 21
- 04 May 21
- 05 June 21
- 06 July 21

E Q6_1 == 1

<p>6.3a - What was the number of Ugas caught in %rostertitle%?</p>	<p>NUMERIC: INTEGER Q6_3a</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>00 None caught during this month</p>
<p>6.3b - What was the main purpose of catching Uga during %rostertitle%</p> <p>E Q6_3a > 0</p>	<p>SINGLE-SELECT Q6_3b</p> <p>01 <input type="radio"/> Only for home consumption</p> <p>02 <input type="radio"/> Maily for home consumption and some sale</p> <p>03 <input type="radio"/> Maily for sale and some home consumption</p> <p>04 <input type="radio"/> Only for sale</p> <p>05 <input type="radio"/> Other</p>
<p>6.3b - Specify</p> <p>E Q6_3b == 5</p>	<p>TEXT Q6_3b_OTHER</p> <p>-----</p>
<p>6.3c - What was the proportion sold?</p> <p>E Q6_3b > 1</p> <p>V1 Q6_3b.InList(2,3,4)? self.InList(1,2,3,4) : true</p> <p>M1 Household sold some fish in Q6.3.2 - please verify response</p>	<p>SINGLE-SELECT Q6_3c</p> <p>00 <input type="radio"/> None</p> <p>01 <input type="radio"/> About 1/4</p> <p>02 <input type="radio"/> About 1/2</p> <p>03 <input type="radio"/> About 3/4</p> <p>04 <input type="radio"/> All</p>
<p>VARIABLE</p> <p>Uga.Sum(x=>x.Q6_3a)</p>	<p>LONG Q6_3a_TOTAL</p>
<p>6.5 - Has any member in your household participated in the lupe and peka shooting season in the last three months?</p>	<p>SINGLE-SELECT Q6_5</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>Q6.6a - How many Lupe were shot in the last 3 months?</p> <p>E Q6_5 == 1</p>	<p>NUMERIC: INTEGER Q6_6a</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>00 None</p>
<p>Q6.6b - How many Peka were shot in the last 3 months?</p> <p>E Q6_5 == 1</p> <p>V1 (self + Q6_6a) > 0</p> <p>M1 Must have shot at least one Lupe or Peka in last 3 months</p>	<p>NUMERIC: INTEGER Q6_6b</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>00 None</p>
<p>6.7 - What are your Views on the ban imposed on Lupe and Peka hunting?</p>	<p>SINGLE-SELECT Q6_7</p> <p>01 <input type="radio"/> It is good for conservation of the species and should continue</p> <p>02 <input type="radio"/> It being a social practice, the ban should be lifted</p> <p>03 <input type="radio"/> Cannot say</p>

SECTION 7: LAND OPERATED EXCLUSIVELY BY THE HOUSEHOLD

E \$start

<p>7.1 - How many parcels did your household operate during last 12 months</p> <p>V1 self > 0</p> <p>M1 Must have at least 1 parcel</p>	<p>NUMERIC: INTEGER Q7_1</p> <p>-----</p>
--	--

SECTION 7: LAND OPERATED EXCLUSIVELY BY THE HOUSEHOLD

Roster: LAND PARCEL

generated by numeric question [Q7_1](#)

PSEC1R01

STATIC TEXT

E @rowcode == 0

Note the first parcel should always be the homestead

<p>Please draw the boundary of this parcel on the map</p>	<p>GEOGRAPHY ParcelBoundary</p>
<p>7.2 - Location of Parcel</p>	<p>SINGLE-SELECT Q7_2</p> <p>01 <input type="radio"/> Alofi South</p> <p>02 <input type="radio"/> Alofi North</p> <p>03 <input type="radio"/> Makefu</p> <p>04 <input type="radio"/> Tuapa</p> <p>05 <input type="radio"/> Namukulu</p> <p>06 <input type="radio"/> Hikutavale</p> <p>07 <input type="radio"/> Toi</p> <p>08 <input type="radio"/> Mutalau</p> <p>09 <input type="radio"/> Lakepa</p> <p>10 <input type="radio"/> Liku</p> <p>11 <input type="radio"/> Hakupu</p> <p>12 <input type="radio"/> Vaiea</p> <p>13 <input type="radio"/> Avatele</p> <p>14 <input type="radio"/> Tamakautoga</p>
<p>7.3 - Area name</p>	<p>TEXT Q7_3</p> <p>-----</p>
<p>7.3a - Does your HH operate this land with other HHs</p>	<p>SINGLE-SELECT Q7_3a</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>7.3b - How many other HHs have access to this land?</p> <p>E Q7_3a == 1</p>	<p>NUMERIC: INTEGER Q7_3b</p> <p>-----</p>
<p>7.4 - What is the total area of the parcel?</p> <p>I Acres</p> <p>V1 self > 0</p> <p>M1 Must be greater than 0</p>	<p>NUMERIC: DECIMAL Q7_4</p> <p>-----</p>

<p>7.6 - Land Tenure</p>	<p>SINGLE-SELECT q7_6</p> <p>01 <input type="radio"/> Owned/Family</p> <p>02 <input type="radio"/> Leased-in</p> <p>04 <input type="radio"/> Leased without pay</p> <p>03 <input type="radio"/> Other (Community)</p>
<p>7.7 - How long has this parcel been in use (Period of use)</p>	<p>SINGLE-SELECT q7_7</p> <p>01 <input type="radio"/> Less than 6 Months</p> <p>02 <input type="radio"/> 6 – 11 Months</p> <p>03 <input type="radio"/> 1 – 5 Years</p> <p>04 <input type="radio"/> 6 – 10 Years</p> <p>05 <input type="radio"/> 11- 15 Years</p> <p>06 <input type="radio"/> More than 15 Years</p>
<p>7.8 - Soil consevation methods used?</p>	<p>SINGLE-SELECT q7_8</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>7.9 - Has soil testing been done at any time?</p>	<p>SINGLE-SELECT q7_9</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>7.9a - What are the uses for this land?</p>	<p>MULTI-SELECT q7_9a</p> <p>01 <input type="checkbox"/> Temporary Crops</p> <p>02 <input type="checkbox"/> Permanent Crops</p> <p>03 <input type="checkbox"/> Mixed permanent and temporary crops</p> <p>04 <input type="checkbox"/> Temporary fallow</p> <p>05 <input type="checkbox"/> Livestock / Poultry</p> <p>06 <input type="checkbox"/> Home-stead</p> <p>07 <input type="checkbox"/> Non Agricultural uses</p>
<p>7.10 - Area under Temporary Crops</p> <p>I Acres</p> <p>E Q7_9a.Contains(1)</p> <p>V1 self > 0</p> <p>M1 Must be greater than 0</p>	<p>NUMERIC: DECIMAL q7_10</p> <p>-----</p>
<p>7.11 - How many times, it was planted during last one year</p> <p>E Q7_9a.Contains(1)</p>	<p>NUMERIC: INTEGER q7_11</p> <p>-----</p>
<p>7.12 - Area under permanent crops</p> <p>I Acres</p> <p>E Q7_9a.Contains(2)</p> <p>V1 self > 0</p> <p>M1 Must be greater than 0</p>	<p>NUMERIC: DECIMAL q7_12</p> <p>-----</p>
<p>7.13 - Area under mix of permanent and Temporary crops</p> <p>I Acres</p> <p>E Q7_9a.Contains(3)</p> <p>V1 self > 0</p> <p>M1 Must be greater than 0</p>	<p>NUMERIC: DECIMAL q7_13</p> <p>-----</p>

<p>7.14 - Area under Temporary fallow</p> <p>I Acres E Q7_9a.Contains(4) V1 self>0 M1 Must be greater than 0</p>	<p>NUMERIC: DECIMAL Q7_14</p> <p>-----</p>
<p>7.15 - Area under Livestock and/or Poultry</p> <p>I Acres E Q7_9a.Contains(5) V1 self>0 M1 Must be greater than 0</p>	<p>NUMERIC: DECIMAL Q7_15</p> <p>-----</p>
<p>7.16 - Area under Home-Stead</p> <p>I Acres E Q7_9a.Contains(6) V1 self > 0 M1 Must be greater than 0</p>	<p>NUMERIC: DECIMAL Q7_16</p> <p>-----</p>
<p>7.17 - Area under other non-agricultural uses</p> <p>I Acres E Q7_9a.Contains(7) V1 self > 0 M1 Must be greater than 0</p>	<p>NUMERIC: DECIMAL Q7_17</p> <p>-----</p>
<p>VARIABLE</p> <p>(Q7_10>0?Q7_10:0) + (Q7_12>0?Q7_12:0) + (Q7_13>0?Q7_13:0) + (Q7_14>0?Q7_14:0) + (Q7_15>0?Q7_15:0) + (Q7_16>0?Q7_16:0) + (Q7_17>0?Q7_17:0)</p>	<p>DOUBLE TotalAreaUses</p>

STATIC TEXT

- V1 CropAreaSum <= Q7_4
M1 Area under crop should not exceed the total parcel size
V2 TotalAreaUses <= Q7_4
M2 Sum of all land use types should be less than total parcel size

Total Parcel Size: %Q7_4% Acres
Sum of all land uses: %TotalAreaUses% Acres
Sum of all area under crop: %CropAreaSum%

8.1 - Which crops are grown on this parcel?

- V1 self.ContainsOnly(0) || (self.ContainsAny(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,90,91,92,93,94) [And 23 other symbols \[2\]](#))
M1 Cannot select 'no crops' with other codes
V2 (self.ContainsAny(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,90,91,92,93,94) && Q3_1 == 1) || self.Contain([And 5 other symbols \[2\]](#))
M2 If grown crops question [3.1](Q3_1) should be selected as yes
V3 (self.Contains(0) && !Q7_9a.ContainsAny(1,2,3)) || self.ContainsAny(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47 [And 22 other symbols \[2\]](#))
M3 Should not select no crops if land use at Q7_9a has indicated crops

- MULTI-SELECT Q8_1
- 00 No Crops on this Parcel
 - 01 Ai/ Foto
 - 02 Avocado
 - 03 Banana, green
 - 04 Banana, ripe
 - 05 Bean
 - 06 Breadfruit
 - 07 Cassava
 - 08 Chestnut (ifi)
 - 09 Chillies
 - 10 Chinese Cabbage
 - 11 Coconut
 - 12 Coffee
 - 13 Corn
 - 14 Cucumber
 - 15 Egg Plant
- [And 39 other symbols \[1\]](#)

8.1.OTHER1 - Specify E Q8_1.Contains(90)	TEXT	Q8_1_OTHER1
8.1.OTHER2 - Specify E Q8_1.Contains(91)	TEXT	Q8_1_OTHER2
8.1.OTHER3 - Specify E Q8_1.Contains(92)	TEXT	Q8_1_OTHER3
8.1.OTHER4 - Specify E Q8_1.Contains(93)	TEXT	Q8_1_OTHER4
8.1.OTHER5 - Specify E Q8_1.Contains(94)	TEXT	Q8_1_OTHER5
VARIABLE Crop.Sum(x=>x.Q8_5) + Crop.Sum(x=>x.Q8_5_Derived)	DOUBLE	CropAreaSum

SECTION 7: LAND OPERATED EXCLUSIVELY BY THE HOUSEHOLD / LAND PARCEL

Roster: CROP - %ROSTERTITLE% %Q8_1_1%%Q8_1_2%%Q8_1_3%%Q8_1_4%%Q8_1_5%
generated by multi-select question [Q8_1](#)

Crop

E !Q8_1.Contains(0)

VARIABLE @rowcode==90 ? " " + Q8_1_OTHER1 : " "	STRING	Q8_1_1
VARIABLE @rowcode==91 ? " " + Q8_1_OTHER2 : " "	STRING	Q8_1_2
VARIABLE @rowcode==92 ? " " + Q8_1_OTHER3 : " "	STRING	Q8_1_3
VARIABLE @rowcode==93 ? " " + Q8_1_OTHER4 : " "	STRING	Q8_1_4
VARIABLE @rowcode==94 ? " " + Q8_1_OTHER5 : " "	STRING	Q8_1_5
8.4 - Method of sowing %rostertitle% %Q8_1_1%%Q8_1_2%%Q8_1_3%%Q8_1_4%%Q8_1_5%	SINGLE-SELECT 01 <input type="radio"/> Single Crop 02 <input type="radio"/> Mixed Crop 03 <input type="radio"/> Scattered 04 <input type="radio"/> Rotationally Cropped	Q8_4
8.6 - Number of trees/plants V1 self >= 0	NUMERIC: INTEGER SPECIAL VALUES 00 Too many to count	Q8_6
8.5 - Area under Crop I Acres E Q8_6==0	NUMERIC: DECIMAL	Q8_5
VARIABLE (@rowcode.InRange(1,50) && Q8_6 > 0)? Q8_6 / CropDensity [@rowcode].density : 0	DOUBLE	Q8_5_Derived

8.7 - Average age in years	NUMERIC: DECIMAL Q8_7 -----
8.8 - Main method of irrigation used	SINGLE-SELECT Q8_8 01 <input type="radio"/> Drum/Bucket/Bottle 02 <input type="radio"/> Own tank 03 <input type="radio"/> Community tank 04 <input type="radio"/> Main water supply 05 <input type="radio"/> Other 06 <input type="radio"/> None
8.8 - Specify E Q8_8 == 5	TEXT Q8_8_OTHER
Q8_9 - Inorganic Fertilizer Used?	SINGLE-SELECT Q8_9 01 <input type="radio"/> Yes 02 <input type="radio"/> No
Q8_10 - Organic Fertilizer Used?	SINGLE-SELECT Q8_10 01 <input type="radio"/> Yes 02 <input type="radio"/> No
Q8_11 - Insecticide used?	SINGLE-SELECT Q8_11 01 <input type="radio"/> Yes 02 <input type="radio"/> No
Q8_12 - Herbicide used?	SINGLE-SELECT Q8_12 01 <input type="radio"/> Yes 02 <input type="radio"/> No
Q8_13 - Fungicide used?	SINGLE-SELECT Q8_13 01 <input type="radio"/> Yes 02 <input type="radio"/> No
Q8_14 - Other Agricultural Chemicals used?	SINGLE-SELECT Q8_14 01 <input type="radio"/> Yes 02 <input type="radio"/> No
8.15 - Proportion of crop damaged by wild pigs I In percentage (%) V1 self.InRange(0,100) M1 Proportion is bigger than 100, please recheck	SINGLE-SELECT Q8_15 00 <input type="radio"/> None 01 <input type="radio"/> About 1/4 02 <input type="radio"/> About 1/2 03 <input type="radio"/> About 3/4 04 <input type="radio"/> All
8.16 - Proportion of crop damaged by chickens I In percentage (%) V1 self.InRange(0,100) M1 Proportion is bigger than 100, please recheck	SINGLE-SELECT Q8_16 00 <input type="radio"/> None 01 <input type="radio"/> About 1/4 02 <input type="radio"/> About 1/2 03 <input type="radio"/> About 3/4 04 <input type="radio"/> All

<p>8.17 - Total production (Number)</p>	<p>NUMERIC: INTEGER Q8_17</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>00 No Production</p>
<p>8.18 - Unit of Production</p> <p>E Q8_17 > 0</p>	<p>SINGLE-SELECT Q8_18</p> <p>01 <input type="radio"/> Kg</p> <p>02 <input type="radio"/> Numbers</p> <p>03 <input type="radio"/> Number of 5kg Basket</p> <p>04 <input type="radio"/> Number of 20kg Sack</p>
<p>8.19 - Proportion of the crop consumed</p> <p>I In percentage (%)</p> <p>V1 self.InRange(0,100)</p> <p>M1 Enter a valid percent between 0 and 100</p>	<p>NUMERIC: INTEGER Q8_19</p> <p>-----</p>
<p>8.20 - Proportion of the crop sold</p> <p>I In percentage (%)</p> <p>V1 self.InRange(0,100)</p> <p>M1 Enter a valid percent between 0 and 100</p>	<p>NUMERIC: INTEGER Q8_20</p> <p>-----</p>
<p>8.21 - Proportion of the crop gifted</p> <p>I In percentage (%)</p> <p>V1 self.InRange(0,100)</p> <p>M1 Enter a valid percent between 0 and 100</p> <p>V2 (Q8_19 + Q8_20 + Q8_21) <= 100</p> <p>M2 Total or consumption, sold and giften cannot exceed 100%</p>	<p>NUMERIC: INTEGER Q8_21</p> <p>-----</p>

SECTION 9: LABOUR INPUTS

E \$start

STATIC TEXT

*Information to be collected for last **one month***

9.1 - Did the household employ any non-household member, aged 15 years and above, to work on the holding in the last month?	SINGLE-SELECT Q9_1 01 <input type="radio"/> Yes 02 <input type="radio"/> No
9.1a - How many non-household labourers were employed?	NUMERIC: INTEGER Q9_1a -----

E Q9_1 == 1

SECTION 9: LABOUR INPUTS

Roster: LABOUR

generated by numeric question [Q9_1a](#)

Labour

9.2 - What is the persons age? V1 self >= 15 M1 Persons age is less than 15, please review your responses	NUMERIC: INTEGER Q9_2 -----
9.3 - What is the persons sex?	SINGLE-SELECT Q9_3 01 <input type="radio"/> Male 02 <input type="radio"/> Female
9.4 - Number of Hours worked during the last week W1 self < 84 M1 Number of hours spent maybe too large, please verify	NUMERIC: INTEGER Q9_4 -----
9.5 - Was the person paid in cash?	SINGLE-SELECT Q9_5 01 <input type="radio"/> Yes 02 <input type="radio"/> No
9.6 - Did this person receive Free/ Subsidized House?	SINGLE-SELECT Q9_6 01 <input type="radio"/> Yes 02 <input type="radio"/> No
9.7 - Did this person receive Free Meals?	SINGLE-SELECT Q9_7 01 <input type="radio"/> Yes 02 <input type="radio"/> No
9.8 - Did this person receive any other benefits?	SINGLE-SELECT Q9_8 01 <input type="radio"/> Yes 02 <input type="radio"/> No

SECTION 10: HOUSEHOLD AGRICULTURAL SUPPORT

E \$start

<p>10.1 - What is the proportion of Household's total income usually derived from agricultural activities?</p>	<p>SINGLE-SELECT Q10_1</p> <p>01 <input type="radio"/> None</p> <p>02 <input type="radio"/> About 1/4</p> <p>03 <input type="radio"/> About 1/2</p> <p>04 <input type="radio"/> About 3/4</p> <p>05 <input type="radio"/> All</p>
<p>10.2 - Did any member of your household receive any financial support directly related to agricultural activities during last 3 years?</p>	<p>SINGLE-SELECT Q10_2</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p>
<p>10.3 - What kind of financial support directly related to household's agricultural activities was received by you during last 3 Years?</p>	<p>MULTI-SELECT Q10_3</p> <p>01 <input type="checkbox"/> Loan from NIUE development Bank (Kiwi Bank)</p> <p>02 <input type="checkbox"/> Government Support</p> <p>03 <input type="checkbox"/> Donor support</p> <p>04 <input type="checkbox"/> NCOC Grants</p> <p>05 <input type="checkbox"/> Other (Specify)</p>
<p>10.3 - Specify</p>	<p>TEXT Q10_3_OTHER</p> <p>.....</p>
<p>10.4 - Did any member of your household receive any service related to following activities during last 12 months</p>	<p>MULTI-SELECT Q10_4</p> <p>01 <input type="checkbox"/> Crop Production / Plant Protection</p> <p>02 <input type="checkbox"/> Livestock</p> <p>03 <input type="checkbox"/> Fisheries</p> <p>04 <input type="checkbox"/> Forestry</p> <p>99 <input type="checkbox"/> None of the above</p>

E Q10_2 == 1

E Q10_3.Contains(5)

V1 self.ContainsOnly(99) || (self.ContainsAny(1,2,3,4) && ! self.Contains(99))

M1 Cannot select "none of the above" with other options

SECTION 10: HOUSEHOLD AGRICULTURAL SUPPORT

Roster: AGRICULTURE SERVICES

generated by multi-select question [Q10_4](#)

AGSERVICE

E !Q10_4.Contains(99)

<p>10.4a - From whom did you receive %rostertitle% services?</p>	<p>SINGLE-SELECT Q10_4a</p> <p>01 <input type="radio"/> DAFF</p> <p>02 <input type="radio"/> Other</p>
<p>10.4a - Specify</p>	<p>TEXT Q10_4a_OTHER</p> <p>.....</p>

E Q10_4a==2

SECTION 11: AGRICULTURAL EQUIPMENT

E \$start

<p>11.1 - Does your household own any of the following equipment/accessory? Did they hire or borrow any in the last 12 months?</p> <p>V1 self.ContainsOnly(20) (self.ContainsAny(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19) && !self.Contains(20))</p> <p>M1 Cannot select 'None of the above' with other options</p>	<p>MULTI-SELECT Q11_1</p> <p>01 <input type="checkbox"/> Knapsack Sprayer</p> <p>02 <input type="checkbox"/> Wheelbarrow</p> <p>03 <input type="checkbox"/> Chainsaw</p> <p>04 <input type="checkbox"/> Electric Generator</p> <p>05 <input type="checkbox"/> Brush Cutter</p> <p>06 <input type="checkbox"/> Planting Stick (Koho)</p> <p>07 <input type="checkbox"/> Rotary Hoe</p> <p>08 <input type="checkbox"/> Metal Husker</p> <p>09 <input type="checkbox"/> Fire arm</p> <p>10 <input type="checkbox"/> Bush Knife</p> <p>11 <input type="checkbox"/> Axe</p> <p>12 <input type="checkbox"/> Motor mower</p> <p>13 <input type="checkbox"/> Tractor</p> <p>14 <input type="checkbox"/> Mist Blower</p> <p>15 <input type="checkbox"/> Motorized blower</p> <p>16 <input type="checkbox"/> Slasher-Mower</p> <p>And 4 other symbols [2]</p>
<p>11.1 - Specify (1)</p> <p>E Q11_1.Contains(17)</p>	<p>TEXT Q11_1_OTHER1</p> <p>.....</p>
<p>11.1 - Specify (2)</p> <p>E Q11_1.Contains(18)</p>	<p>TEXT Q11_1_OTHER2</p> <p>.....</p>
<p>11.1 - Specify (3)</p> <p>E Q11_1.Contains(19)</p>	<p>TEXT Q11_1_OTHER3</p> <p>.....</p>

SECTION 11: AGRICULTURAL EQUIPMENT

Roster: EQUIPMENT %ROSTERTITLE%%OTHEREQUIP1%%OTHEREQUIP2%%OTHEREQUIP3%
 generated by multi-select question [Q11_1](#)

EQUIPMENT

E !Q11_1.Contains(20)

<p>VARIABLE</p> <p>@rowcode == 17 ? " - " + Q11_1_OTHER1 : " "</p>	<p>STRING otherEquip1</p>
<p>VARIABLE</p> <p>@rowcode == 18 ? " - " + Q11_1_OTHER2 : " "</p>	<p>STRING otherEquip2</p>
<p>VARIABLE</p> <p>@rowcode == 19 ? " - " + Q11_1_OTHER3 : " "</p>	<p>STRING otherEquip3</p>
<p>11.1a - Number of %rosterTitle%OtherEquip1%OtherEquip2%OtherEquip3% owned (as of day of visit and in working condition)</p> <p>W1 self <= 15</p> <p>M1 Number may be too many - please verify response</p>	<p>NUMERIC: INTEGER Q11_1a</p> <p>.....</p>

<p>11.1b - During the last 12 months, was %rostertitle%%OtherEquip1%%OtherEquip2%%OtherEquip3% hired?</p>	<p>SINGLE-SELECT Q11_1b <input checked="" type="radio"/> Yes <input type="radio"/> No</p>
<p>11.1c - During the last 12 months, was %rostertitle%%OtherEquip1%%OtherEquip2%%OtherEquip3% borrowed?</p>	<p>SINGLE-SELECT Q11_1c <input checked="" type="radio"/> Yes <input type="radio"/> No</p>
<p>11.2 - Did your household hire a bulldozer during last 12 months?</p>	<p>SINGLE-SELECT Q11_2 <input type="radio"/> Yes <input type="radio"/> No</p>
<p>11.3a - How many times was the bulldozer hired for one hour? E Q11_2 == 1</p>	<p>NUMERIC: INTEGER Q11_3a ----- SPECIAL VALUES 00 None</p>
<p>11.3b - How many times was the bulldozer hired for two hours? E Q11_2 == 1</p>	<p>NUMERIC: INTEGER Q11_3b ----- SPECIAL VALUES 00 None</p>
<p>11.3c - How many times was the bulldozer hired for three hours? E Q11_2 == 1</p>	<p>NUMERIC: INTEGER Q11_3c ----- SPECIAL VALUES 00 None</p>
<p>11.3d - How many times was the bulldozer hired for four hours? E Q11_2 == 1</p>	<p>NUMERIC: INTEGER Q11_3d ----- SPECIAL VALUES 00 None</p>
<p>11.3e - How many times was the bulldozer hired for five hours or more? E Q11_2 == 1</p>	<p>NUMERIC: INTEGER Q11_3e ----- SPECIAL VALUES 00 None</p>
<p>11.4 - Did you clear any land through other methods slash-and-burn during last 12 months? V1 self.ContainsOnly(99) (self.ContainsAny(1,2,3,4) && ! self.Contains(99)) M1 Cannot select 'No Land Cleared' with other options</p>	<p>MULTI-SELECT Q11_4 01 <input type="checkbox"/> Slash and burn 02 <input type="checkbox"/> Tractor/Mower 03 <input type="checkbox"/> Excavator 04 <input type="checkbox"/> Other (specify) 99 <input type="checkbox"/> No land cleared</p>
<p>11.4 - Specify E Q11_4.Contains(4)</p>	<p>TEXT Q11_4_OTHER -----</p>

SECTION 11: AGRICULTURAL EQUIPMENT

Roster: LAND CLEARING - %ROSTERTITLE%%OTHERLANDCLEAR%

generated by multi-select question [Q11_4](#)

LANDCLEAR

E !Q11_4.Contains(99)

<p>VARIABLE @rowcode == 4 ? " - " + Q11_4_OTHER : " "</p>	<p>STRING OtherLandClear</p>
<p>11.4a - How much land was cleared (acres) by %rostertitle%%OtherLandClear%</p>	<p>NUMERIC: DECIMAL Q11_4a -----</p>
<p>11.4b - Reason for clearing by %rostertitle%%OtherLandClear%</p>	<p>SINGLE-SELECT Q11_4b 01 <input type="radio"/> Bulldozer not available 02 <input type="radio"/> Bulldozer expensive 03 <input type="radio"/> Other (specify)</p>
<p>11.4b - Specify E Q11_4b==3</p>	<p>TEXT Q11_4b_OTHER</p>

END PAGE

E IsSectionAnswered(Cov)

<p>What is the result of the interview?</p>	<p>SINGLE-SELECT RESULT</p> <p>01 <input type="radio"/> Complete</p> <p>02 <input type="radio"/> Partially completed</p> <p>03 <input type="radio"/> Respondent refused</p> <p>04 <input type="radio"/> Household not present</p>
<p>Date and Time Interview Ended</p> <p>I Tap box to record Interview Date and Time</p>	<p>DATE: CURRENT TIME A2</p> <p>.....</p>
<p>Tap the button to acquire GPS coordinates</p> <p>I Tap the button to capture the GPS coordinate of the Housing Unit. Please note that you must be outside and nothing blocks the sky to be able to get a better readings of the coordinates.</p>	<p>GPS GPS</p> <p>-----</p> <p>N</p> <p>-----</p> <p>W</p> <p>-----</p> <p>A</p>

APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

[1] Q1_5: 1.5 - What is %roster%title%'s age

Validation Condition:

```
(Q1_2 == 3) ? // Son/Daughter
  // Age difference between the head and son/daughter is greater than or equal to 15
  (HOUSEHOLD[1].Q1_5 - Q1_5) >= 15
  :
  true
```

Validation Message: Expect son/daughter to be more than 15 years younger than the household head - please verify

Validation Condition:

```
(Q1_2 == 5) ? // GrandSon/GrandDaughter, Age difference with head must be >= 30
  (HOUSEHOLD[1].Q1_5 - Q1_5) >= 30
  :
  true
```

Validation Message: Expect grandchild to be more than 30 years younger than the household head - please verify

Validation Condition:

```
(Q1_2 == 2) ? // Spouse, Age difference with Head must not be > 30
  (HOUSEHOLD[1].Q1_5 - Q1_5) <= 30
  :
  true
```

Validation Message: Age difference between %roster%title% as %Q1_2% and HH Head maybe too great. Please verify!

Validation Condition:

```
(Q1_2 == 6) ? // Parents, Age difference must be >= 15
  (Q1_5 - HOUSEHOLD[1].Q1_5) >= 15
  :
  true
```

Validation Message: Expect parent to be more than 15 years older than the household head - please verify

Validation Condition:

```
self != 999 ? self.InRange(0,99) : true
```

Validation Message: Reported age of %roster%title% may be too invalid or too large!

Validation Condition:

```
// If the date of birth is complete, check validity of the date
(IsAnswered(Q1_4_Day) && IsAnswered(Q1_4_Month) && IsAnswered(Q1_4_Year)) ?
  (Q1_4_Year != 9999) ?
    (Q1_4_Month != 99) ?
      (Q1_4_Day != 99) ?
        // DOB is complete, check using all data
        (IsDate(Q1_4_Year, Q1_4_Month, Q1_4_Day)) ?
          // Check age as of the date of interview
          self == INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year, (int) Q1_4_Month, (int) Q1_4_Day))
          :
          true // DOB is not valid, Accept here because it has been checked in DOB_Year
        :
        // Day is Don't Know, check against month and year
        (Q1_4_Month == INTSTART.Value.Month) ? // check if the interview happens on the same month as DOB
Month
          Q1_4_Month.InList(1,3,5,7,8,10,12) ?
            // Assume Birth day is between 1 - 31
            self.InRange(INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year, (int)
Q1_4_Month, 31)), INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year, (int) Q1_4_Month, 1)))
            :
            Q1_4_Month != 2 ?
              self.InRange(INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year, (int)
Q1_4_Month, 30)), INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year, (int) Q1_4_Month, 1)))
              :
              self.InRange(INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year, (int)
Q1_4_Month, 28)), INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year, (int) Q1_4_Month, 1)))
              :
              // Interview happened on a different DOB Month, Age == computed Age
              self == INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year, (int) Q1_4_Month, 15))
              :
              // Month is Don't Know, assume Birth date is within yyyy/1/1 to yyyy/12/31
              self.InRange(INTSTART.FullYearsSince(new DateTime((int)
Q1_4_Year, 12, 31)), INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year, 1, 1)))
            :
            true // accept if year is Don't Know
          :
          true // User has already been warned about DOB not being complete
```

Validation Message: Entered Age of is not consistent with DOB! Computed age is %Q1_4_Age%

[2] Q8_1: 8.1 - Which crops are grown on this parcel?

Validation Condition:

```
self.ContainsOnly(0)
||
(self.ContainsAny(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,
36,37,38,39,40,41,42,43,44,45,46,47,48,49,90,91,92,93,94) && !self.Contains(0))
```

Validation Message: Cannot select 'no crops' with other codes

Validation Condition:

```
(self.ContainsAny(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,90,91,92,93,94) && Q3_1 == 1)
||
self.Contains(0)
```

Validation Message: If grown crops question [3.1](Q3_1) should be selected as yes

Validation Condition:

```
(self.Contains(0) && !Q7_9a.ContainsAny(1,2,3))
||
self.ContainsAny(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,90,91,92,93,94)
```

Validation Message: Should not select no crops if land use at Q7_9a has indicated crops

APPENDIX B — CATEGORIES

[1] [Q8_1: 8.1 - Which crops are grown on this parcel?](#)

Categories: 0: No Crops on this Parcel, 1: Ai/ Foto, 2: Avocado, 3: Banana, green, 4: Banana, ripe, 5: Bean, 6: Breadfruit, 7: Cassava, 8: Chestnut (ifi), 9: Chillies, 10: Chinese Cabbage, 11: Coconut, 12: Coffee, 13: Corn, 14: Cucumber, 15: Egg Plant, 16: Fekakai, 17: Grapefruit, 18: Head Cabbage, 19: Kape, 20: Kava, 21: Kumara, 22: Lemon, 23: Lettuce, 24: Lime, 25: Luku, 26: Mango, 27: Nonu, 28: Orange, 29: Papaya, 30: Passionfruit, 31: Pele, 32: Pineapple, 33: Polofua, 34: Pumpkin, 35: Saladia, 36: Sefito, 37: Silverbeet, 38: Sinapi, 39: Soursop, 40: Spring Onions, 41: Sugarcane, 42: Taro, 43: Taro Pulaka, 44: Tava, 45: Tomato, 46: Vanilla, 47: Vi, 48: Watermelon, 49: Yam, 90: Other Specify (1), 91: Other Specify (2), 92: Other Specify (3), 93: Other Specify (4), 94: Other Specify (5)

[2] [Q11_1: 11.1 - Does your household own any of the following equipment/accessory? Did they hire or borrow any in the last 12 months?](#)

Categories: 1: Knapsack Sprayer, 2: Wheelbarrow, 3: Chainsaw, 4: Electric Generator, 5: Brush Cutter, 6: Planting Stick (Koho), 7: Rotary Hoe, 8: Metal Husker, 9: Fire arm, 10: Bush Knife, 11: Axe, 12: Motor mower, 13: Tractor, 14: Mist Blower, 15: Motorized blower, 16: Slasher-Mower, 17: Other Specify (1), 18: Other Specify (2), 19: Other Specify (3), 20: None of the Above

APPENDIX C — VARIABLES

[1] Q1_4_Age:

```
// If the date of birth is complete, check validity of the date (IsAnswered(Q1_4_Day) && IsAnswered(Q1_4_Month) && IsAnswered(Q1_4_Year)) ?
(Q1_4_Year != 9999) ? (Q1_4_Month != 99) ? (Q1_4_Day != 99) ? // DOB is complete, check using all data
(IsDate(Q1_4_Year,Q1_4_Month,Q1_4_Day)) ? // Check age as of the date of interview INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year,
(int) Q1_4_Month,(int) Q1_4_Day)).ToString() : "" // DOB is not valid, Accept here because it has been checked in B4_Year : // Day is Don't Know,
check against month and year (Q1_4_Month == INTSTART.Value.Month) ? // check if the interview happens on the same month as DOB Month
(Q1_4_Month.InList(1,3,5,7,8,10,12)) ? // Assume Birth day is between 1 - 31 INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year,(int)
Q1_4_Month,31)).ToString() + " - " + INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year,(int) Q1_4_Month,1)).ToString() : (Q1_4_Month != 2)
? INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year,(int) Q1_4_Month,30)).ToString() + " - " + INTSTART.FullYearsSince(new
DateTime((int) Q1_4_Year,(int) Q1_4_Month,1)).ToString() : INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year,(int)
Q1_4_Month,28)).ToString() + " - " + INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year,(int) Q1_4_Month,1)).ToString() : // Interview
happened on a different DOB Month, Age == computed Age INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year,(int)
Q1_4_Month,15)).ToString() : // Month is Don't Know, assume Birth date is within yyyy/1/1 to yyyy/12/31 INTSTART.FullYearsSince(new
DateTime((int) Q1_4_Year,12,31)).ToString() + " - " + INTSTART.FullYearsSince(new DateTime((int) Q1_4_Year,1,1)).ToString() : "" // accept if year
is Don't Know : "" // User has already been warned about DOB not being complete
```

LEGEND

Legend and structure of information in this file

Name of section	Enabling condition for this section	Type of question, scope	Variable name
<p>SECTION 5: OTHER INCOME SOURCES</p> <p>E s4_other_sources_which.Contains(98)</p>	<p>Question title</p> <p>Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?</p> <p>I This refers to family relations E s3_time_other > 0 V1 s4_re1_leaders_which.Contains(98) M1 Can not be itself V2 (s3_time_other_breeding_advice <= (50 - s3_time_art_insem_advice)) s3_time_other_breeding_advice == 0 M2 This person is not in the list F optioncode != s5_ignored_option_code</p>	<p>Answer options</p> <p>MULTI-SELECT SCOPE: PREFILLED</p> <p>01 <input type="checkbox"/> Community animal health workers</p> <p>02 <input type="checkbox"/> Private</p> <p>03 <input type="checkbox"/> Government</p> <p>04 <input type="checkbox"/> Livestock keepers association</p> <p>05 <input type="checkbox"/> NGO</p> <p>And 5 other [13]</p>	<p>s4_re1_leaders_other</p>
<p>Additional information:</p> <p>"I" – Question instruction</p> <p>"E" – Enabling condition</p> <p>"V1" – Validation condition №1</p> <p>"M1" – Message for validation №1</p> <p>"F" – Filter in Categorical questions</p>	<p>Link to full set in appendix</p>		

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