

SAMPLE QUESTIONNAIRES

Five types of questionnaires were used to capture the agriculture and fishing activities of the household; pearl farming activities and information on the disposal activities of commercial livestock and poultry raisers. They were also printed on different coloured paper to assist with ease of identification in the field. The description of each questionnaire is as follows:

**Household Form**

This was completed for all households covered in the enumeration to determine the level of involvement of the household in agricultural activity and fishing activities (white form).

Household Form  <b>COOK ISLANDS</b> <b>MINISTRY OF AGRICULTURE AND STATISTICS OFFICE</b> Rarotonga			
<b>2000 CENSUS OF AGRICULTURE AND FISHERIES</b>			
<b>Confidential</b> <i>The information is being collected under the Statistics Act 1966 and will be kept strictly confidential and will be used for statistical purposes only.</i>			
<b>GEOGRAPHIC IDENTIFICATION AND OTHER RELEVANT INFORMATION</b>			
District:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> Head of Household _____		
Enumeration Area	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> Enumerator _____		
Household Number	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> Date of Interview ____/____/2000		
<b>SECTION I – LEVEL OF AGRICULTURAL ACTIVITY OF THE HOUSEHOLD (during the last 12 months)</b>			
(1) Did you or any member of your household grow garden crops, coconut trees, papaya trees or other tree crops during the last twelve months? (Circle "1" for Yes; otherwise circle "2". Then enter the code in the box provided.)			
1 YES                      2 NO → Go to Sections IV, XI and End Interview	<input type="checkbox"/>		
(2) Did you have more than 1/8 acre (23 m x 23 m) of land under garden crops or more than 10 coconut trees or more than 10 papaya trees or more than 10 other tree crops during the last twelve months? (Circle "1" for Yes; otherwise circle "2". Then enter the code in the box provided.)			
1 YES                      2 NO → Go to Sections III, IV, V and XI	<input type="checkbox"/>		
(3) Did you sell any vegetables, fruits, copra or other agricultural produce during the last twelve months? (Circle "1" for Yes, otherwise circle "2". Then enter the code in the box provided.)			
1 YES                      2 NO → Go to Section II	<input type="checkbox"/>		
(4) Did you produce vegetables or fruit crops primarily for sale/export during the last twelve months? (Circle "1" for Yes, otherwise circle "2". Then enter the code in the box provided.)			
1 YES                      2 NO	<input type="checkbox"/>		
=====>>> =====>>> =====>>> Go to Section II			

**SECTION II – LIST OF AGRICULTURAL HOLDINGS (that the household was engaged in during the last twelve (12) months)**

List the different agricultural holdings that the household is engaged in: (sole operation, family or other group operation – each combination forms a different holding). Check for parcels adjacent to the house, fallow land and parcels with abandoned or semi-abandoned crops.

Holding Number	Name(s) of Operator(s)*	Total Area (in acres)	Number of Separate Parcels	Location (District)	Code
(1)	(2)	(3)	(4)	(5)	(6)

\* Write the name of the household head or the operator in the case of individual household operation or write the names of individual members if partnership or group operation – Circle the respondent to be used for each holding if more than one operator.

Skip Section III >>> >>> Go to Section IV

**SECTION III – CROPS CURRENTLY GROWING AND/OR PLANTED AND/OR HARVESTED (during the last twelve months)**

List the crops currently growing and/or planted and/or harvested during the last twelve months by type. Estimate the area of each crop in square meters or the number of trees/plants.

Crop(s) Currently Growing		Area (Square meters)	Number of Plants/Trees	Crop(s) Planted and/or Harvested		Area (Square meters)	Number of Plants/Trees
Name of Crop(s)	Code			Name of Crop(s)	Code		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

**SECTION IV – LIVESTOCK (as of day of visit/enumeration)**

Do you or your household has any livestock kept as of day of visit/enumeration? (Circle "1" for Yes, otherwise circle "2", then enter the code in the box provided. For Q1, Section I with a "No" answer, go to Section XI.)

1 YES → Enter the number of livestock by type in column 3. 2 NO → Go to Section V if applicable

Type of Livestock	Code	Number	Type of Livestock	Code	Number
(1)	(2)	(3)	(1)	(2)	(3)
Cattle	10		Goats	40	
Of w/c how many Cows	11		Of w/c how many Does	41	
Horses	20		Chickens	50	
Of w/c how many Mares	21		Other Livestock	60	
Pigs	30				
Of w/c how many Sows	31				

SECTION V – AVERAGE CONSUMPTION						
Does your household consume coconut? (Circle "1" for Yes and "2" for No.) If Yes, what is the average daily or weekly consumption?						
Crop	Code	Does consume coconut?		Unit	Average Consumption (Choose one only)	
					Daily	Weekly
(1)	(2)	(3)		(4)	(5)	(6)
Coconut for human consumption	151	1 – Yes	2 – No	Nut		
Coconut for feeding animals	152	1 – Yes	2 – No	Nut		
For households with an answer of "Yes" in Q1, Section I and "No" in Q2, Section I, proceed to ask Section XI- Fisheries. Otherwise, proceed to the next section.						
SECTION VI – HOUSEHOLD COMPOSITION (as of day of visit/enumeration)						
Age Group	Male		Female		Total	
(1)	(2)		(3)		(4)	
Under 15 years old						
15 – 64 years old						
65 years old and over						
Total						
SECTION VII – PROPORTION OF HOUSEHOLD INCOME FROM AGRICULTURE (during the last twelve months)						
(1) What was the proportion of your household's total income (in cash or in kind) usually derived from agricultural activities during the last twelve months? (Note that "in kind" means agricultural products that were produced and consumed by the household for the last twelve months or may be, the wages received in terms of agricultural products by any member employed in own holding or other household's holding. Circle one code and enter in the box provided.)						
1 About ¼		3 About ½		5 All		
2 About 1/3		4 About ¾		6 None		
<input type="checkbox"/>						
SECTION VIII – LOANS BY THE HOUSEHOLD FOR AGRICULTURE PURPOSES (during the last five years)						
(1) Did you avail any loan for your household's agricultural activities in the last five years? (Circle "1" for Yes or "2" for No. Then enter the code in the box provided.)						
1 Yes		2 No → Go to Section IX				
<input type="checkbox"/>						
(2) What was your main source of loan that you use for your household's agricultural activities in the last five years? (Circle the code for the answer and enter it in the box provided.)						
1 Development Bank		2 Other Sources		9 Not Stated		
<input type="checkbox"/>						
USE THIS SPACE FOR REMARKS/COMPUTATION						

**SECTION IX – EQUIPMENT USED (during the last 12 months)**

Did you use any equipment in your household's agricultural activities during the last twelve months? (Circle "1" for Yes or "2" for No. Enter the code in the box provided.)

1 Yes

2 No → Go to Section X

Type of Equipment Used	Code	Number Owned (In operational condition)	Hired 1 – Yes / 2 – No	Borrowed 1 – Yes / 2 – No
(1)	(2)	(3)	(4)	(5)
Digging spade	01			
Digging fork	02			
Shovel	03			
Bush knife	04			
Axe	05			
Plough	06			
Rotovator	07			
Slasher	08			
Weed eater	09			
Chainsaw	10			
Rotary hoe	11			
Mist blower	12			
Water pump	13			
Tractor	14			
Manual sprayer	15			
Motorized sprayer	16			
Copra dryer	17			
Pick-up or truck or any vehicle	18			
Other types (specify)	19			

**SECTION X – FERTILIZERS, AGRICULTURAL CHEMICALS, IMPROVED VARIETIES & SELECTED AGRICULTURAL ACTIVITIES (during the last twelve months)**

(1) Did you or your household use/apply any of the following in any of the crops grown during the last twelve months? (Circle "1" for Yes or "2" for No, then enter the code in the box provided for each item.)

- a) Inorganic fertilizers? 1 Yes 2 No
- b) Organic fertilizers such as compost, animal manure, etc.? 1 Yes 2 No
- c) Agricultural chemicals, i.e. pesticides and herbicides? 1 Yes 2 No

(2) Did you or your household use improved varieties for the following crops during the last twelve months? (Circle "1" for Yes or "2" for No, then enter the code in the box provided for each item.)

- a) Taro? 1 Yes 2 No
- b) Cassava? 1 Yes 2 No
- c) Papaya? 1 Yes 2 No
- d) Vegetables like cabbage, lettuce and tomato? 1 Yes 2 No

(3) Did you or your household engage in any of the following selected agricultural activities during the last twelve months? (Circle "1" for Yes or "2" for No, then enter the code in the box provided for each item.)

- a) Bee keeping for honey production? 1 Yes 2 No
- b) Chicken raising for commercial purposes? (If Yes, use Livestock/Poultry Form) 1 Yes 2 No
- c) Pig raising for commercial purposes? (If Yes, use Livestock/Poultry Form) 1 Yes 2 No
- d) Goat raising for commercial purposes? (If Yes, use Livestock/Poultry Form) 1 Yes 2 No

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**SECTION XI – FISHERIES (during the last twelve months)**

(1) Did you or any member of your household engage as operator in any of the following fishing activities anytime during the last twelve months? (Circle "1" for Yes or "2" for No and enter the code in the box provided).

a) Capture fishing/Collecting sea products?    1 Yes, answer Questions 2-7    2 No, see note

b) Pearl farming/culture?    1 Yes, use Pearl Farming Form    2 No, see note

(Note: If Q1, Section I is "2" or if Q1 is "1" & Q2 is "2" of Section I and the answers to both activities are No, end interview. Otherwise use other forms.)

(2) What was the main purpose of your household fishing activities? (Circle the answer and enter in the box provided.)

1 Home consumption only

2 Mainly for home consumption but with occasional selling

3 Mainly for sale

(3) Details of the Fishing Activities:

Forms of Fishing	Code	Location	Average Number of Fishing Trips		Average hours per fishing trip
			Per Week	Per Month	
(1)	(2)	(3)	(4)	(5)	(6)

Forms of Fishing:    Location:

1 Gill and other net fishing    4 Hook and line fishing    7 Spear-gun fishing    1 Lagoon    3 Outside reef

2 Vertical long lining    5 Trolling    8 Collecting/Gleaning seashells & other sea products    2 Reef    4 Freshwater like stream

3 Drop lining    6 Deep-bottom fishing    9 Other forms (specify)

(4) Did your household use boat(s) in its fishing activities? (Circle "1" for Yes or "2" for No and enter in the box provided.)

1 Yes → Ask the details below    2 No → Go to the next question

Line No.	Type of Boat	Length (in m)	Engine (in HP)	Line No.	Type of Boat	Length (in m)	Engine (in HP)
(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)

Type of Boat: 1 With motor    2 Without motor

(5) How much of the fish or other sea product that your household caught/collected/gleaned, was sold during the last month? (Circle the answer and enter in the box provided.)

1 About ¼    3 About ½    5 All

2 About 1/3    4 About ¾    6 None

(6) How much of the fish or other sea product caught/collected/gleaned was consumed by your household during the last month? (Circle the answer and enter in the box provided.)

1 About ¼    3 About ½    5 All

2 About 1/3    4 About ¾    6 None

(7) How many members of your household are normally engaged in fishing? (Enter the number of household members in column 3 and the average number of hours spent in fishing per day per person in column 4.)

Sex	Code	Number of Persons	Average Number of Hours Spent in Fishing Per Day Per Person
(1)	(2)	(3)	(4)
Male	1		
Female	2		
Total			







# Pearl Farming Form

Those households engaged in pearl farming completed this form. It was mostly administered in Manihiki, Penrhyn and Rakahanga (blue form).

<b>COOK ISLANDS</b> <b>MINISTRY OF AGRICULTURE AND STATISTICS OFFICE</b> Rarotonga										
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<b>GEOGRAPHIC IDENTIFICATION AND OTHER RELEVANT INFORMATION</b>										
Census District: <input type="text"/>			Location of the Pearl Farm:			<input type="text"/>				
Enumeration Area: <input type="text"/>			Census District: <input type="text"/>			<input type="text"/>				
Household Number: <input type="text"/>			Enumeration Area: <input type="text"/>			<input type="text"/>				
Pearl Farm Number: <input type="text"/>			Name of Operator(s): <input type="text"/>							
<b>SECTION PF1 – Cultivation Information (during the last 12 months)</b>										
(1) How many farm lines do you own in the farm? (Enter the answer in the boxes provided.)							<input type="text"/>			
(2) What is the length of each farm line? (Enter the length in meters and in whole numbers in the boxes provided.)							<input type="text"/>			
(3) How many spat collector lines do you own? (Enter the answer in the box provided.)							<input type="text"/>			
(4) What is the length in meters of each spat collector? (Enter the answer in whole numbers in the boxes provided.)							<input type="text"/>			
(5) How many of the following types of farm shells do you have? (Report the number of farm shells for each type of farm shell reported by the household and place it in the boxes provided.)							<input type="text"/>			
1 Seeded shells							<input type="text"/>			
2 Drilled un-seeded shells							<input type="text"/>			
3 Other shells							<input type="text"/>			
<b>SECTION PF2 – LABOR INPUTS (during the last month)</b>										
Line No.	Sex (Code)	Status (Code)	Age	Type (Code)	Ave. Hours Per Week	Wages/Month (in NZ\$)	Benefits Received (Encode Code)			Other Paid Job (Enter Code)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			(9)
1. Opnr.							1	2	3	
							1	2	3	
							1	2	3	
							1	2	3	
							1	2	3	
Sex: 1 – Male      Status: 0 – Household member      Type: 1 – Paid      Benefits Received: 1 – Free or subsidized housing      3 – Other benefits      Other Paid Job: 1 – Full time      3 – None 2 – Female      1 – Non-household member      2 – Unpaid      2 – Free meals      2 – Part time										

